If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

SANTEE COMMUNITY CENTER

CIP 2018 - 31

10129 RIVERWALK DRIVE, SANTEE CA 92071

Santee
SO HIGH & SUO EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



AGENCY APPROVAL:

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2290003000

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619.744.4077 / www.hmcarchitects.com

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MEPT
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INTERWEST
Approved
08/01/2025 3:22:00 PM

DEFERRED APPROVAL

- FIRE SPRINKLERS
- ROOFTOP PHOTOVOLTAIC PANELS & SUPPORTS
- STOREFRONT SYSTEMS
- CURTAIN WALL SYSTEMS
- ELEVATOR GUIDERAILS
- ELECTRICAL VEHICLE CHARGING STATIONS
- FIRE ALARM
- NANAWALL SLIDING DOORS
- INERGEN FIRE SUPPRESSION SYSTEM

GENERAL NOTE:

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Taylor Arnico
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	G0.10
	SHEET 1 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - COVER SHEET

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

GENERAL NOTES

1. CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT.
2. THE CONSTRUCTION DOCUMENT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
3. PERFORMANCE BY THE CONSTRUCTION TEAM SHALL BE CONSISTENT WITH THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AS NECESSARY TO DELIVER THE INDICATED RESULTS OF THE DESIGN INTENT.
4. VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF FIELD OBSERVATIONS, INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF PREPARATION.
5. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS.
6. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
7. WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.
8. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
9. DETAILS MARKED 'TYPICAL' SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.
10. ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED. REPLACE OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION.
11. PRIOR TO THE START OF WORK THE CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN THE REQUIREMENTS OF ALL DRAWINGS AND SPECIFICATIONS IN ORDER THAT ALL ITEMS SATISFACTORILY RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS THAT CANNOT BE COORDINATED.
12. CONTRACTOR SHALL EXCERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
13. CHANGES TO THE APPROVED DRAWINGS AND/OR SPECIFICATIONS SHALL BE MADE BY ADDENDA OR A CHANGE ORDER.
14. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS SHALL NOT TO BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD.
15. ALL WORK SHALL CONFORM TO 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATION (CCR)
16. THE LIMIT OF WORK LINE SHOWS THESE DRAWINGS IS AN APPROXIMATE LIMIT OF WORK ONLY. REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL WORK, INCLUDING BUT NOT LIMITED TO INSTALLATION OF CONDUIT, MANHOLES, PULLBOXES, ETC WHICH ARE TO BE PART OF THIS WORK, ALTHOUGH OCCURING OUTSIDE OF SHOWN LIMIT OF WORK LINES.
17. FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.
18. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24 CCR.
19. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. INSPECTOR TO BE CLASS 1.
20. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. THE REPORTS SHALL BE SUBMITTED TO ARCHITECT OF RECORD, STRUCTURAL ENGINEER OF RECORD, OWNER, INSPECTOR OR RECORD, AND THE DSA FIELD ENGINEER. THE REPORTS OF ANY FAILURES OF TESTS AND INSPECTIONS ARE TO BE SUBMITTED TO DSA DISTRICT STRUCTURAL ENGINEER.
21. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
22. SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CFC CHAPTER 33.
23. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION, OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE DSA APPROVED CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR,, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)
24. CONTRACTOR IS TO REVIEW AND COMPLY WITH ALL REQUIREMENTS AND MITIGATION MEASURES SET FORTH IN BOTH THE ENVIRONMENTAL IMPACT REPORT (ADDENDUM TO THE ENVIRONMENTAL IMPACT REPORT | SCH NO. 2002071120) INCLUDING ATTACHED BIOLOGICAL RESOURCES TECHNICAL REPORT.
25. NO DUMPING OR PLACING OF ANY DIRT OR DEBRIS SHALL BE ALLOWED OUTSIDE OF THE CONTRACTORS LIMIT OF WORK AREA.

BUILDING VITALS & AIA 2020 COMMITMENT REPORTING

OVERVIEW
CONDITIONED AREA (sqft): **[AREA]**

UNCONDITIONED AREA (sqft): **[AREA]**

ENERGY
ENERGY MODELING TOOL:
[SOFTWARE]

DESIGN ENERGY CODE:
[CODE REFERENCE]

ENERGY START TARGET FINDER EUI (kBtu/sf/yr):
[EUI]

PROJECT TEAM BASELINE EUI (kBtu/sf/yr):
[EUI]

PROJECT TEAM GOAL EUI (kBtu/sf/yr):
[EUI]

PROJECT TEAM PREDICTED EUI @ SD (kBtu/sf/yr):
[EUI]

PROJECT TEAM PREDICTED EUI @ DD (kBtu/sf/yr):
[EUI]

PROJECT TEAM PREDICTED EUI @ CD (kBtu/sf/yr):
[EUI]

LIGHTING POWER DENSITY (watts/sf):
[LPD]

PROJECT TEAM PREDICTED EUI @ CD (kBtu/sf/yr):
[EUI]

LIGHTING POWER DENSITY (watts/sf):
[LPD]

WINDOW TO WALL RATIO:
[WWR]

ASHRAE 90.1 APPENDIX G - BASELINE ENGERY MODEL (kBtu/sf/yr):
[EUI]

WATER
REDUCTION IN POTABLE WATER PER LEED 2009 P1: **[%]**

ATMOSPHERE
CO2 OFFSET: **[TONS]**

CODES

PARTIAL LIST OF APPLICABLE CODES

2022	CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2022	CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2018 INTERNATIONAL BUILDING CODE VOLUMES 1 & 2 AND 2019 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R. (2018 UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2018 UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2022	CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2018 INTERNATIONAL EXISTING CODE AND 2019 CALIFORNIA AMENDMENTS)
2022	CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
2022	CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19	C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2016	ASME A17.1/B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	STANDARD FOR AUTOMATIC FIRE SPRINKLER SYSTEMS (CA AMENDED)	2016 ED.
NFPA 14	STANDARD FOR STANDPIPE AND HOSE SYSTEMS	2013 ED.
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2013 ED.
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2013 ED.
NFPA 20	STANDARD FOR STATIONARY PUMPS FOR FIRE PROTECTION	2016 ED.
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2013 ED.
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE MAINS AND THEIR APPURTENANCES	2016 ED.
NFPA 72	NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)	2016 ED.
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 ED.
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2015 ED.
UL 300	STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 (R2010)
UL 464	AUDIBLE SIGNAL APPLIANCES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2003 ED.
UL 521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 ED.
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 ED.
ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPING SEATING AND GRANDSTANDS	2012 ED.

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.
SEE CALIFORNIA BUILDING CODE, CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

DEFERRED APPROVAL

- FIRE SPRINKLERS
- ROOFTOP PHOTOVOLTAIC PANELS & SUPPORTS
- STOREFRONT SYSTEMS
- CURTAIN WALL SYSTEMS
- ELEVATOR GUIDERAILS
- ELECTRICAL VEHICLE CHARGING STATIONS
- FIRE ALARM
- NANAWALL SLIDING DOORS
- INERGEN FIRE SUPPRESSION SYSTEM
- COMMISSIONING PLAN

GENERAL NOTE:

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PROJECT DESCRIPTION

NEW 15,171SF COMMUNITY CENTER.

NEW BUILDING: (2) EVENT SPACES, (1) WARMING KITCHEN, OFFICE SPACE, DOUBLE HEIGHT LOBBY, ELEVATOR, SUPPORT SPACES, RESTROOMS, JANITOR ROOM, CONCESSION STAND, ELECTRICAL/DATA ROOM.

ALTERATION TO SITE: PARTIAL REMOVAL OF EXISTING PARKING, GRADING/LAND IMPROVEMENT, ADDITIONAL ACCESSIBLE STALLS, EV SPACES, TRASH ENCLOSURE, BIKE PARKING, LANDSCAPING.

TOTAL AREA = 3.57 ACRES

PROJECT DATA

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ABBREVIATIONS

(E)	EXISTING	FRP	FIBERGLASS REINFORCED PLASTIC
AB	ANCHOR BOLT	FRT	FIRE RETARDANT TREATED
AC PAVING	ASPHALTIC CONCRETE PAVING	FS	FINISH SURFACE
ACC	ACCESS/ACCESSIBLE	FTG	FOOTING
ACP	ACOUSTICAL CEILING PANEL	GB	GRAB BAR
ACT	ACOUSTICAL CEILING TILE	GFRC	GLASS FIBER REINFORCED CONCRETE
ADJ	ADJACENT/ADJUSTABLE	GL	GLASS TYPE
AFF	ABOVE FINISH FLOOR	GLB	GLUE LAMINATED BEAM
AGG	AGGREGATE	GYP BD	GYPSUM BOARD
AHU	AIR HANDLING UNIT	GYP PLAS	GYPSUM PLASTIC
ARCH	ARCHITECTURAL	HB	HOSE BIBB
ATT	ATTENUATION	HD	HEAVY DUTY
AUTO	AUTOMATIC	HDR	HEADER
BD	BOARD	HDWR	HARDWARE
BLCG	BLOCKING	HGT	HEIGHT
BUR	BUILT UP ROOFING	HM	HOLLOW METAL
CABT	CABINET	HP	HIGH POINT
CF	CUBIC FEET	HSS	HOLLOW STEEL SECTION
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	ID	INSIDE DIAMTER
		INT	INTERIOR
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED	INV	INVERT
CG	CORNER GUARD	LANDS	LANDSCAPE
CJ	CONTROL JOINT	LAV	LAVATORY
CL	CENTER LINE	LLH	LONG LEG HORIZONTAL
CLF	CHAIN LINK FENCE	LLV	LONG LEG VERTICAL
CLR	CLEAR	LP	LOW POINT
CMU	CONCRETE MASONRY UNIT	LT WT	LIGHT WEIGHT
CO	CLEANOUT	LVR	LOUVER
COL	COLUMN	MACH	MACHINE
COMP	COMPRESSION / COMPOSITE	MB	MACHINE BOLT
CF	CUBIC FEET	MDF	MEDIUM DENSITY FIBERBOARD
COORD	COORDINATE	MDO	MEDIUM DENSITY OVERLAY
CORR	CORRUGATED	MECH	MECHANICAL
CT	CERAMIC TILE	MED	MEDIUM
CTSK	COUNTER SKUNK	MEMB	MEMBRANE
CW	CURTAINWALL	MFR	MANUFACTURER
DEPR	DEPRESSED / DEPRESSION	MH	MANHOLE
DF	DRINKING FOUNTAIN	MO	MASONRY OPENING
DIM	DIMENSION	MTD	MOUNTED
DISP	DISPENSER	MTL	METAL
DS	DOWNSPOUT	NIC	NOT IN CONTRACT
DTL	DETAIL	NR	NON RATED
DW	DISHWASHER	NRC	NOISE REDUCTION COEFFICIENT
E/W	EACH WAY	NTS	NOT TO SCALE
EIFS	EXTERIOR INSULATION FINISH SYSTEM	O/	OVER
		O/A	OVERALL
EJ	EXPANSION JOINT	OC	ON CENTER
ELEC	ELECTRICAL	OD	OUTSIDE DIAMTER
ELEV	ELEVATION / ELEVATOR	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
ENCL	ENCLOSE / ENCLOSURE	OFOI	OWNER FURNISHED, OWNER INSTALLED
EOS	EDGE OF SLAB	OFVI	OWNER FURNISHED, VENDOR INSTALLED
EP	ELECTRICAL PANEL	OH	OPPOSITE HAND
EQ	EQUAL	OPER	OPERABLE
ESC	EXCUTCHEON	OPNG	OPENING
EWC	ELECTRIC WATER COOLER	ORD	OVERFLOW ROOF DRAIN
EXP	EXPOSED	P/L	PROPERTY LINE
FA	FIRE ALARM	PA	PUBLIC ADDRESS
FD	FLOOR DRAIN	PAF	POWDER ACTUATED FASTENER
FDC	FIRE DEPARTMENT CONNECTION		PAVING
FE	FIRE EXTINGUISHER	PCC	PORTLAND CEMENT CONCRETE
FEC	FIRE EXTINGUISHER W/ CABINET		PAVING
FF	FINISH FLOOR	PED	PEDESTRIAN
FG	FINISH GRADE	PERF	PERFORATED
FH	FIRE HYDRANT	PERIM	PERIMETER
FHC	FIRE HOSE CABINET	PERP	PERPENDICULAR
FSH	FLAT HEAD SCREW	PH	PANIC HARDWARE
FIN	FINISH	PIV	POST INDICATOR VALVE
FLR	FLOOR	PL	PLATE
FOC	FACE OF CONCRETE	PLAM	PLASTIC LAMINATE
FOF	FACE OF FINISH	PLAS	PLASTER
FOM	FACE OF MASONRY	PLUMB	PLUMBING
FOS	FACE OF STUD	PNL	PANEL
FP	FIREPROOFING	PNT	PAINT / PAINTED
FR	FIRE RATED	POC	POINT OF CONNECTION
FRG	FIRE RATED GLASS	POLY ISO	POLYISOCYANURATE
		PREFIN	PREFINISHED
		PREP	PREP / PREPARATION
PTC	POST TENSIONED CONCRETE		
PTD	PAPER TOWEL DISPENSER		
PTN	PARTITION		
PTS	PNEUMATIC TUBE STATION / SYSTEM		
PVC	POLYVINYL CHLORIDE		
PVMT	PAVEMENT		
QT	QUARRY TILE		
R	RADIUS, RISER		
RB	RESILIENT BASE		
RD	ROOF DRAIN		
RECEPT	ECEPTACLE		
REF	REFERENCE		
REFL	REFLECT(ED), (IVE)		
REFL	REFLECT(ED), (IVE)		
REFR	REFRIGERATOR		
REINF	HOLLOW/REINFORCED/ REINFORCEMENT		
REM	REMOVE		
RH	ROUND HEAD		
RHS	ROUND HEAD SCREW		
RO	ROUGH OPENING		
ROW	RIGHT OF WAY		
SCH	SCHEDULE (FOR PIPE)		
SCHED	SCHEDULE / SCHEDULING		
SD	STORM DRAIN / SOAP DISPENSER		
SECT	SECTION		
SG	SAFETY GLASS		
SHT	SHEET		
SHTG	SHEATHING		
SMS	SHEET METAL SCREW		
SND	SANITARY NAPKIN DISPOSAL		
SOV	SHUT OFF VALVE		
SPEC	SPECIFICATIONS		
SS	STAINLESS STEEL		
STC	SOUND TRAMISSION CLASS		
STL	STEEL		
STSMS	SELF TAPPING SHEET METAL SCREW		
SUSP	SUSPENDED		
SV	SHEET VINYL		
SYM	SYMMETRICAL		
T	TREAD		
T&B	TOP AND BOTTOM		
TO	TOP OF		
TOC	TOP OF CURB / CONCRETE		
TOP	TOP OF PARAPET		
TOS	TOP OF STEEL		
TOW	TOP OF WALL		
TPD	TOILET PAPER DISPENSER		
TS	TACKABLE SURFACE		
UC	UNDER CABINET OR COUNTER		
UNO	UNLESS NOTED OTHERWISE		
UR	URINAL		
VAC	VACUUM		
VB	VAPOR BARRIER		
VCT	VINYL COMPOSITION TILE		
VIF	VERIFY IN FIELD		
VTR	VENT THROUGH ROOF		
VWC	VINYL WALL COVERING		
W/	WITH		
W/O	WITHOUT		
WB	WOOD BASE		
WC	WATER CLOSET		
WD	WOOD		
WDW	WINDOW		
WGT	WEIGHT		
WH	WATER HEATER		
WP	WATERPROOFING/WALL PROTECTION		
WR	WATER RESISTANT		
WRGB	WATER RESISTANT GYPSUM BOARD		
WS	WOOD SCREW		
WSCT	WAINSCOT		
WWF	WELDED WIRE FABRIC		

NOTE:
OTHER ABBREVIATIONS USED ON THESE DRAWINGS ARE CONSIDERED STANDARDS IN THE BUILDING INDUSTRY. CONTACT ARCHITECT FOR NECESSARY CLARIFICATION.

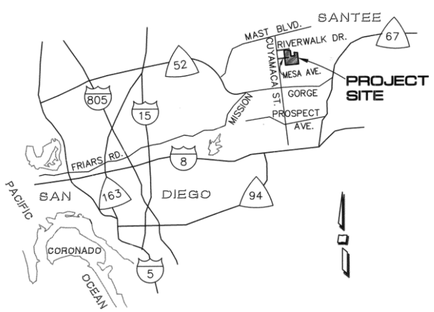
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: AGadre
Date: Aug 22, 2025

INTERWEST — A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:00 PM

STATE MAP

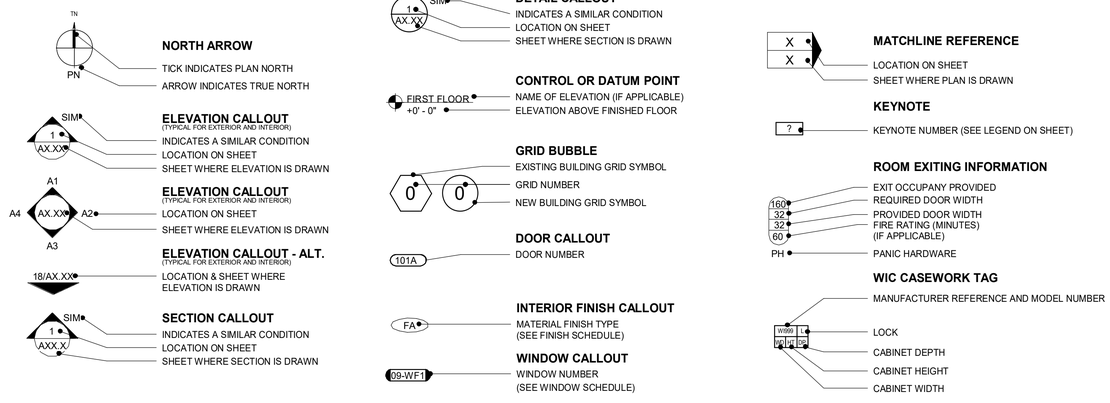


VICINITY MAP



PROJECT SITE:
10129 RIVERWALK DRIVE
SANTEE, CA 92071

SYMBOL LEGEND



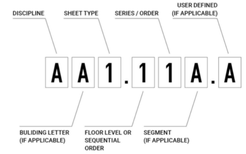
DISCIPLINE

G	GENERAL
C	CIVIL
L	LANDSCAPE
A	ARCHITECTURE
I	INTERIORS
Q	EQUIPMENT
S	STRUCTURAL
P	PLUMBING
M	MECHANICAL
E	ELECTRICAL
FA	FIRE ALARM
T	TELECOM
AV	AV EQUIPMENT
K	KITCHEN
FP	FIRE PROTECTION

SHEET TYPE

0	CODE ANALYSIS, NOTES
1	SITE PLAN
2	FLOOR PLAN
3	CEILING PLAN
4	ROOF PLAN
5	EXTERIOR ELEVATIONS
6	SECTIONS
7	ENLARGED PLANS
8	INTERIOR ELEVATIONS
9	SCHEDULES
10	DETAILS

BUILDING LETTER, SEGMENT, (USER DEFINED)
USED ONLY IF REQUIRED. IF NOT, COLUMN IS OMITTED.



LICENSED ARCHITECT — KYLE G. PETERSON — C-32052 — REN 05/31/25 — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: G0.11
SHEET 2 OF 294

SANTEE COMMUNITY CENTER - PROJECT DATA SHEET

100% CONSTRUCTION DOCUMENTS - 03/31/2025

Please Recycle

DRAWING LIST-

GENERAL
G0.10 - COVER SHEET
G0.11 - PROJECT DATA SHEET
G0.12 - SHEET INDEX
G1.11 - ACCESSIBLE PATH OF TRAVEL
G1.21 - CODE ANALYSIS
G1.51 - LOCAL FIRE AUTHORITY SITE ACCESS PLAN

CIVIL
C1.0 - TITLE SHEET AND GENERAL NOTES
C1.1 - EXISTING CONDITIONS PLAN
C1.2 - DEMOLITION PLAN
C1.3 - GRADING AND PAVING PLAN
C1.4 - PARKING LOT GRADING AND PAVING PLAN
C1.5 - HORIZONTAL CONTROL PLAN
C1.6 - PARKING LOT HORIZONTAL CONTROL PLAN
C1.7 - HORIZONTAL CONTROL PLAN
C1.8 - TRAFFIC SIGNAGE AND STRIPING PLAN
C1.9 - CIVIL UTILITY PLAN
C1.10 - CIVIL DETAILS
C1.11 - CIVIL DETAILS
C1.12 - EROSION CONTROL PLAN

LANDSCAPE
L2.00 - IRRIGATION TITLE SHEET
L2.01 - IRRIGATION NOTES
L2.02 - IRRIGATION LEGEND
L2.10 - IRRIGATION DEMOLITION PLAN
L2.11 - IRRIGATION DEMOLITION PLAN
L2.12 - IRRIGATION PLAN
L2.13 - R R ROUTE . IRRIGATION PLAN
L2.51 - IRRIGATION DETAILS
L2.52 - IRRIGATION DETAILS
L2.53 - IRRIGATION DETAILS
L2.54 - IRRIGATION DETAILS
L3.00 - PLANTING LEGEND AND NOTES
L3.10 - PLANTING PLAN
L3.11 - PLANTING PLAN
L3.51 - PLANTING DETAILS
L3.52 - PLANTING DETAILS

ARCHITECTURAL
A1.21 - SITE PLAN
A1.22 - ENLARGED ACCESSIBLE PARKING
A2.11 - 1ST FLOOR - FLOOR PLAN
A2.11A - 1ST FLOOR - SEGMENT A - FLOOR PLAN
A2.11B - 1ST FLOOR - SEGMENT B - FLOOR PLAN
A2.12 - 1ST FLOOR - DIMENSION PLAN
A2.12A - 1ST FLOOR - SEGMENT A - DIMENSIONS & WALL TYPES
A2.12B - 1ST FLOOR - SEGMENT B - DIMENSIONS & WALL TYPES
A2.13 - 1ST FLOOR - FINISH PLAN
A2.13A - 1ST FLOOR - SEGMENT A - FINISH PLAN
A2.13B - 1ST FLOOR - SEGMENT B - FINISH PLAN
A2.21 - 2ND FLOOR - FLOOR PLAN
A2.22 - 2ND FLOOR - DIMENSIONS & WALL TYPES
A2.23 - 2ND FLOOR - FINISH PLAN
A3.11 - 1ST FLOOR - REFLECTED CEILING PLAN
A3.11A - 1ST FLOOR - SEGMENT A - REFLECTED CEILING PLAN
A3.11B - 1ST FLOOR - SEGMENT B - REFLECTED CEILING PLAN
A3.21 - 2ND FLOOR - SEGMENT A - REFLECTED CEILING PLAN
A4.11 - ROOF PLAN
A4.11A - ROOF PLAN - SEGMENT A
A4.11B - ROOF PLAN - SEGMENT B
A5.11 - EXTERIOR ELEVATIONS - OVERALL
A5.12 - EXTERIOR ELEVATIONS - SEGMENT A
A5.13 - EXTERIOR ELEVATIONS - SEGMENT B
A5.21 - ENLARGED EXTERIOR ELEVATIONS
A6.11 - BUILDING SECTIONS
A6.12 - BUILDING SECTIONS
A6.21 - WALL SECTIONS
A6.22 - WALL SECTIONS
A6.23 - WALL SECTIONS
A7.21 - ENLARGED STAIR PLANS, ELEVATIONS, AND SECTIONS
A7.22 - ENLARGED STAIR PLANS, ELEVATIONS, AND SECTIONS
A7.31 - ENLARGED ELEVATOR PLANS, ELEVATIONS, AND SECTIONS
A7.41 - ENLARGED RESTROOM PLANS, ELEVATIONS, AND SECTIONS
A7.42 - ENLARGED RESTROOM PLANS, ELEVATIONS, AND SECTIONS
A7.43 - ENLARGED FLOOR PLAN, ELEVATIONS
A7.52 - ENLARGED ROOF CANOPY
A8.11 - 1ST FLOOR - INTERIOR ELEVATIONS
A8.12 - 1ST FLOOR - INTERIOR ELEVATIONS
A8.13 - 1ST FLOOR - INTERIOR ELEVATIONS
A8.14 - 1ST FLOOR - INTERIOR ELEVATIONS
A8.21 - 2ND FLOOR - INTERIOR ELEVATIONS
A9.11 - DOOR SCHEDULE
A9.21 - WINDOW SCHEDULE
A9.22 - FINISH SCHEDULE
A10.01 - SITE AND GATE DETAILS
A10.02 - SITE AND GATE DETAILS
A10.03 - SITE AND GATE DETAILS
A10.11 - EXTERIOR WALL TYPES
A10.12 - INTERIOR WALL TYPES
A10.13 - WALL DETAILS
A10.14 - FIRE PROTECTION DETAILS
A10.21 - WINDOW DETAILS
A10.23 - DOOR DETAILS
A10.31 - CEILING DETAILS
A10.32 - CEILING DETAILS
A10.41 - ROOF DETAILS
A10.42 - ROOF DETAILS
A10.51 - STAIR AND ELEVATOR DETAILS
A10.52 - STAIR AND ELEVATOR DETAILS
A10.61 - CASEWORK DETAILS
A10.71 - ACCESSORY ITEM TYPES AND MOUNTING HEIGHTS
A10.81 - SIGNAGE DETAILS
A10.82 - SIGNAGE DETAILS
A10.91 - MISCELLANEOUS DETAILS

STRUCTURAL
S0.00 - COVER SHEET AND SHEET LIST
S0.01 - GENERAL NOTES
S0.02 - GENERAL NOTES
S0.03 - GENERAL NOTES
S0.04 - GENERAL NOTES
S0.05 - GENERAL NOTES
S0.06 - GENERAL NOTES
S0.07 - ABBREVIATIONS
S0.11 - TYPICAL REINFORCING STEEL DETAILS
S0.12 - TYPICAL REINFORCING STEEL DETAILS
S0.13 - TYPICAL CONCRETE DETAILS
S0.14 - TYPICAL CONCRETE DETAILS
S0.21 - TYPICAL MASONRY DETAILS
S0.22 - TYPICAL MASONRY DETAILS
S0.31 - TYPICAL STEEL DETAILS
S0.32 - TYPICAL STEEL DETAILS
S0.33 - TYPICAL STEEL DETAILS
S0.34 - TYPICAL STEEL DETAILS
S0.41 - TYPICAL METAL DECK AND STEEL DETAILS
S0.42 - TYPICAL METAL DECK AND STEEL DETAILS
S0.51 - TYPICAL METAL STUD DETAILS
S0.52 - TYPICAL METAL STUD DETAILS
S0.53 - TYPICAL METAL STUD DETAILS
S0.71 - TYPICAL WOOD DETAILS
S0.72 - TYPICAL WOOD DETAILS
S0.73 - TYPICAL WOOD DETAILS
S0.74 - TYPICAL WOOD DETAILS
S0.75 - TYPICAL WOOD DETAILS
S0.76 - TYPICAL WOOD DETAILS
S0.77 - TYPICAL WOOD DETAILS
S0.78 - TYPICAL I - JOIST DETAILS
S0.79 - TYPICAL I - JOIST DETAILS
S0.81 - TYPICAL SHEAR WALL DETAILS
S0.82 - TYPICAL SHEAR WALL DETAILS
S0.91 - MISCELLANEOUS DETAILS
S0.92 - MISCELLANEOUS DETAILS
S0.93 - MISCELLANEOUS DETAILS
S1.01 - 3D ISOMETRIC VIEWS
S1.11 - OVERALL FOUNDATION PLAN
S1.21 - OVERALL 2ND FLOOR FRAMING PLAN
S1.31 - OVERALL ROOF FRAMING PLAN
S2.11A - FOUNDATION PLAN - SEGMENT A
S2.11B - FOUNDATION PLAN - SEGMENT B
S2.21A - 2ND FLOOR FRAMING PLAN - SEGMENT A
S2.21B - LOW ROOF FRAMING PLAN - SEGMENT B
S2.31A - MAIN ROOF FRAMING PLAN - SEGMENT A
S2.31B - MAIN ROOF FRAMING PLAN - SEGMENT B
S2.41A - HIGH ROOF FRAMING PLAN - SEGMENT A
S2.61A - FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A
S2.61B - FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT B
S2.62A - SECOND FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A
S3.01 - FOUNDATION SCHEDULE AND DETAILS
S3.02 - FOUNDATION DETAILS
S3.03 - ENLARGED FOUNDATION PLAN AND SECTIONS
S4.01 - WALL SECTIONS
S4.02 - WALL SECTIONS
S4.03 - WALL SECTIONS
S4.04 - WALL SECTIONS
S4.05 - WALL SECTIONS
S4.06 - WALL SECTIONS
S4.07 - WALL SECTIONS
S5.01 - SHEAR WALL ELEVATIONS
S5.02 - SHEAR WALL ELEVATIONS
S5.03 - SHEAR WALL ELEVATIONS
S5.04 - SHEAR WALL ELEVATIONS
S5.05 - SHEAR WALL ELEVATIONS
S5.11 - MOMENT FRAME ELEVATIONS AND DETAILS
S6.01 - DETAILS AND SECTIONS
S6.02 - DETAILS AND SECTIONS
S6.03 - DETAILS AND SECTIONS
S7.01 - STAIR PLAN & ELEVATION AND DETAILS
S7.02 - STAIR PLAN & ELEVATION AND DETAILS
S7.03 - STAIR DETAILS
S10.01 - TRASH ENCLOSURE PLANS AND DETAILS

MECHANICAL
M0.00 - MECHANICAL COVER SHEET
M0.01 - MECHANICAL SCHEDULES (#1 OF 2)
M0.02 - MECHANICAL SCHEDULES (#2 OF 2)
M0.03 - MECHANICAL TITLE 24 (#1 OF 3)
M0.04 - MECHANICAL TITLE 24 (#2 OF 3)
M0.05 - MECHANICAL TITLE 24 (#3 OF 3)
MZ2.11 - MECHANICAL 1ST FLOOR - ZONING PLAN
MZ2.21 - MECHANICAL 2ND FLOOR - ZONING PLAN
M2.11 - MECHANICAL LEVEL 1 - OVERALL PLAN
M2.11A - MECHANICAL LEVEL 1 - SEGMENT A PLAN
M2.11B - MECHANICAL LEVEL 1 - SEGMENT B PLAN
M2.21 - MECHANICAL LEVEL 2 PLAN
M2.31 - MECHANICAL ROOF PLAN
MP2.11A - MECHANICAL PIPING PLAN - 1ST FLOOR SEG A
MP2.11B - MECHANICAL PIPING PLAN - 1ST FLOOR SEG B
MP2.21A - MECHANICAL PIPING PLAN - 2ND FLOOR SEG A
MP2.31B - MECHANICAL PIPING PLAN - 2ND FLOOR SEG B
M5.01 - MECHANICAL DETAILS (#1 OF 5)
M5.02 - MECHANICAL DETAILS (#2 OF 5)
M5.03 - MECHANICAL DETAILS (#3 OF 5)
M5.04 - MECHANICAL DETAILS (#4 OF 5)
M5.05 - MECHANICAL DETAILS (#5 OF 5)
M6.01 - MECHANICAL PIPING DIAGRAMS
M7.01 - MECHANICAL CONTROLS (#1 OF 4)
M7.02 - MECHANICAL CONTROLS (#2 OF 4)
M7.03 - MECHANICAL CONTROLS (#3 OF 4)
M7.04 - MECHANICAL CONTROLS (#4 OF 4)

ELECTRICAL
E0.00 - ELECTRICAL COVER SHEET
E0.01 - ELECTRICAL SCHEDULES
E0.02A - LUMINAIRE SCHEDULES
E0.02B - LUMINAIRE SCHEDULES
E0.03 - TITLE 24 COMPLIANCE
E0.04 - TITLE 24 COMPLIANCE
E0.05 - TITLE 24 COMPLIANCE
E0.06 - SINGLE LINE DIAGRAM
E1.21 - ELECTRICAL SITE LIGHTING PLAN
E1.22 - ELECTRICAL SITE LIGHTING PHOTOMETRIC PLAN
EP1.21 - ELECTRICAL POWER SITE PLAN
EL2.11A - ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A
EL2.11B - ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B
EL2.21A - ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A
EL2.21B - ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B
EP2.11A - ELECTRICAL POWER PLAN 1ST FLOOR - SEGMENT A
EP2.11B - ELECTRICAL POWER PLAN 1ST FLOOR - SEGMENT B
EP2.21A - ELECTRICAL POWER PLAN 2ND FLOOR - SEGMENT A
EP2.21B - ELECTRICAL POWER PLAN 2ND FLOOR - SEGMENT B
EP2.31A - ELECTRICAL POWER PLAN ROOF PLAN - SEGMENT A
EP2.31B - ELECTRICAL POWER PLAN ROOF PLAN - SEGMENT B
EP2.11 - OVERALL ELECTRICAL POWER PLAN - 1ST FLOOR
EP2.21 - OVERALL ELECTRICAL POWER PLAN - 2ND FLOOR
EP2.31 - OVERALL ELECTRICAL POWER PLAN - ROOF PLAN
EL3.11A - ELECTRICAL RCP - 1ST FLOOR - SEGMENT A
EL3.11A - ELECTRICAL RCP - 1ST FLOOR - SEGMENT B
EL3.12A - PHOTOMETRIC PLAN - 1ST FLOOR - SEGMENT A
EL3.12B - PHOTOMETRIC PLAN - 1ST FLOOR - SEGMENT B
EL3.13A - PHOTOMETRIC PLAN - EMERGENCY EGRESS - 1ST FLOOR - SEGMENT A
EL3.13B - PHOTOMETRIC PLAN - EMERGENCY EGRESS - 1ST FLOOR - SEGMENT B
EL3.21A - ELECTRICAL RCP - 2ND FLOOR - SEGMENT A
EL3.22A - ELECTRICAL RCP - 2ND FLOOR - SEGMENT B
EL3.23A - PHOTOMETRIC PLAN - EMERGENCY EGRESS - 2ND FLOOR - SEGMENT A
EL2.21 - ELECTRICAL LIGHTING 2ND FLOOR - OVERALL FLOOR PLAN
EL3.11 - ELECTRICAL RCP - OVERALL 1ST FLOOR
EL3.21 - ELECTRICAL RCP - OVERALL 2ND FLOOR
EL3.21B - ELECTRICAL RCP - 2ND FLOOR SEGMENT B
EL4.01 - ELECTRICAL LIGHTING ELEVATIONS
E4.01 - ELECTRICAL ENLARGED PLAN
E4.02 - ELECTRICAL LIGHTING ELEVATIONS
E6.01 - ELECTRICAL DETAILS
E6.02 - ELECTRICAL DETAILS
E7.01 - PANEL SCHEDULES
E7.02 - PANEL SCHEDULES
E7.03 - PANEL SCHEDULES

PLUMBING
P0.00 - PLUMBING COVER SHEET
P0.01 - PLUMBING GENERAL NOTES
P0.02 - PLUMBING SCHEDULES
P0.03 - PLUMBING TITLE 24
P1.21 - PLUMBING SITE PLAN
P2.11 - PLUMBING 1ST FLOOR - FLOOR PLAN
P2.11A - PLUMBING 1ST FLOOR - SEGMENT A - FLOOR PLAN
P2.11B - PLUMBING 1ST FLOOR - SEGMENT B - FLOOR PLAN
P2.21 - PLUMBING 2ND FLOOR - FLOOR PLAN
P2.21A - PLUMBING 2ND FLOOR - SEGMENT A - FLOOR PLAN
P2.31 - PLUMBING ROOF PLAN
P2.31A - PLUMBING ROOF PLAN - SEGMENT A
P2.31B - PLUMBING ROOF PLAN - SEGMENT B
P5.01 - PLUMBING DETAILS
P6.01 - PLUMBING DIAGRAMS

TECHNOLOGY
TA0.00 - AUDIO VISUAL COVER SHEET
TA0.01 - AUDIO VISUAL COVER SHEET
TA0.02 - AUDIO VISUAL GENERAL NOTES
TA2.11 - AUDIO VISUAL FIRST FLOOR - OVERALL
TA2.21 - AUDIO VISUAL SECOND FLOOR - OVERALL
TA4.01 - AUDIO VISUAL ENLARGED PLAN
TA4.02 - AUDIO VISUAL ENLARGED PLAN
TA4.03 - AUDIO VISUAL ENLARGED PLAN
TA4.04 - AUDIO VISUAL ENLARGED PLAN
TA5.01 - AUDIO VISUAL DETAILS
T0.00 - TECHNOLOGY & SECURITY COVER SHEET
T0.01 - TECHNOLOGY & SECURITY GENERAL NOTES
T2.00 - TECHNOLOGY & SECURITY SITE PLAN
T2.11 - TECHNOLOGY & SECURITY 1ST FLOOR - FLOOR PLAN
T2.11A - TECHNOLOGY & SECURITY 1ST FLOOR - SEGMENT A - FLOOR PLAN
T2.11B - TECHNOLOGY & SECURITY 1ST FLOOR - SEGMENT B - FLOOR PLAN
T2.21 - TECHNOLOGY & SECURITY 2ND FLOOR - FLOOR PLAN
T2.21A - TECHNOLOGY & SECURITY 2ND FLOOR - SEGMENT A - FLOOR PLAN
T2.21B - TECHNOLOGY & SECURITY 2ND FLOOR - SEGMENT B - FLOOR PLAN
T2.31 - TECHNOLOGY & SECURITY ROOF PLAN
T2.31A - TECHNOLOGY & SECURITY ROOF PLAN - SEGMENT A
T2.31B - TECHNOLOGY & SECURITY ROOF PLAN - SEGMENT B
T3.11 - TECHNOLOGY & SECURITY 1ST FLOOR - REFLECTED CEILING PLAN
T3.11A - TECHNOLOGY & SECURITY 1ST FLOOR - SEGMENT A - REFLECTED CEILING PLAN
T3.11B - TECHNOLOGY & SECURITY 1ST FLOOR - SEGMENT B - REFLECTED CEILING PLAN
T3.21 - TECHNOLOGY & SECURITY 2ND FLOOR - REFLECTED CEILING PLAN
T3.21A - TECHNOLOGY & SECURITY 2ND FLOOR - SEGMENT A - REFLECTED CEILING PLAN
T3.21B - TECHNOLOGY & SECURITY 2ND FLOOR - SEGMENT B - REFLECTED CEILING PLAN
T4.01 - TECHNOLOGY & SECURITY ENLARGED PLANS
T5.01 - TECHNOLOGY & SECURITY DETAILS
T5.02 - TECHNOLOGY & SECURITY DETAILS
T5.03 - TECHNOLOGY & SECURITY DETAILS
T6.01 - TECHNOLOGY & SECURITY RISER DIAGRAM

TOTAL SHEETS: 294

Santee
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PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A CAPITOLA COMPANY
Approved
08/01/2025 3:22:00 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/25
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - SHEET INDEX

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

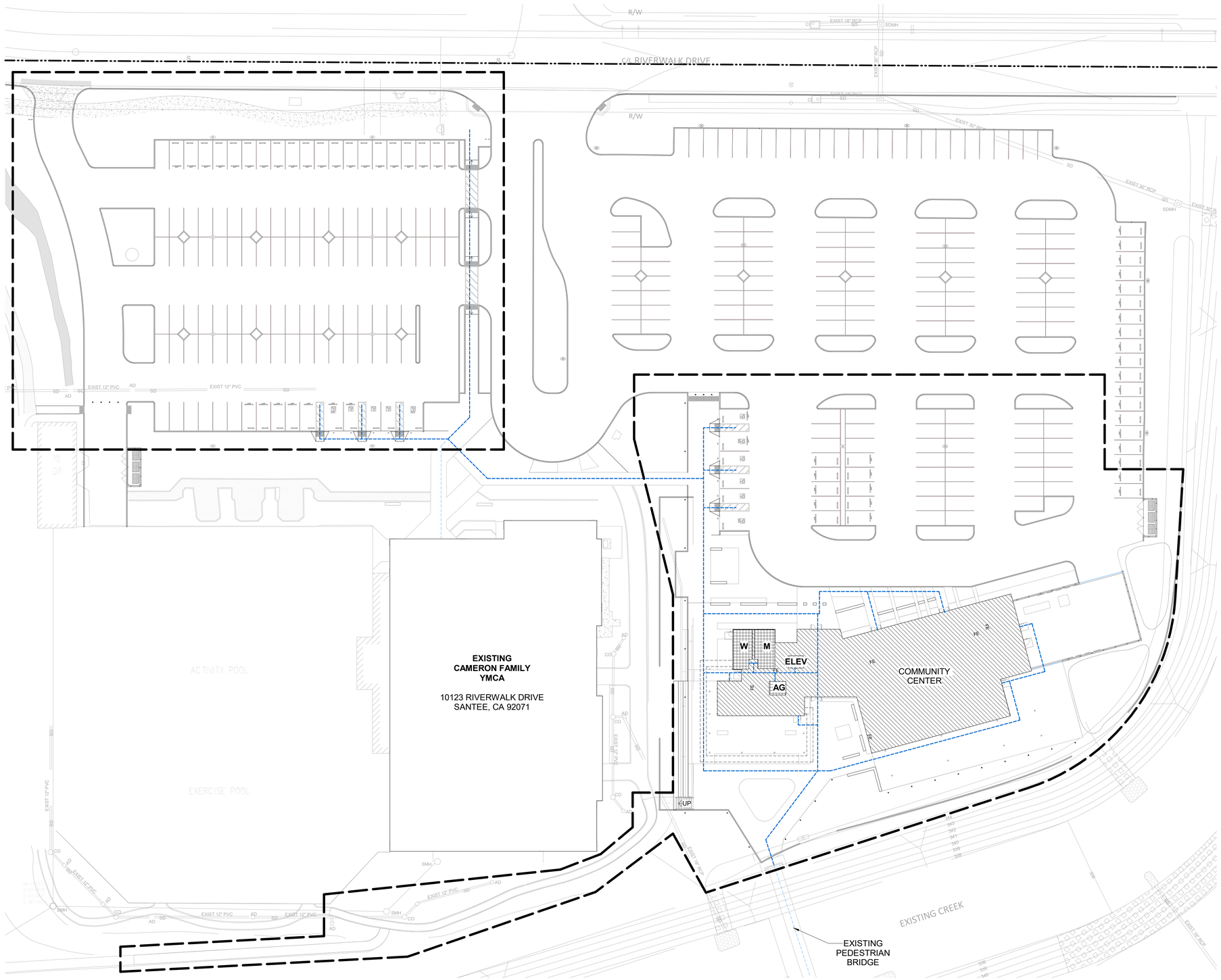
DRAWING NO.: G0.12
SHEET 3 OF 294

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ACCESSIBLE PATH OF TRAVEL



1 G1.11 1ST FLOOR - ARCHITECTURAL SITE BUILDING PLAN
1" = 30'-0"

PARKING

EXISTING PARKING:

270 REGULAR STALL
9 ACCESSIBLE STALLS

PROPOSED PARKING - EAST LOT:

165 REGULAR STALLS (35 EV)

6 ACCESSIBLE STALLS (1 VAN)
1 VAN & 1 STANDARD EV PER TABLE 11B-228.3.2.1

EVCS (CBC 2022 TABLE 5.106.5.3.1) = 9

PROPOSED PARKING - WEST LOT:

110 REGULAR STALLS (25 EV)

5 ACCESSIBLE STALLS (1 VAN)
1 VAN & 1 STANDARD EV PER TABLE 11B-228.3.2.1

EVCS (CBC 2022 TABLE 5.106.5.3.1) = 6

LEGEND

ACCESSIBLE RESTROOMS
M - MEN
W - WOMEN
AG - ALL GENDER

ACCESSIBLE P.O.T.

EXISTING P.O.T.

SCOPE OF WORK LINE

PROPERTY LINE

NOTES

"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR **PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS**. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."

1. REFER TO SHEET G0.11 FOR TYPICAL SYMBOLS AND ABBREVIATIONS

Santee
DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:00 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32852
RENEWAL 08/31/25
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
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REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

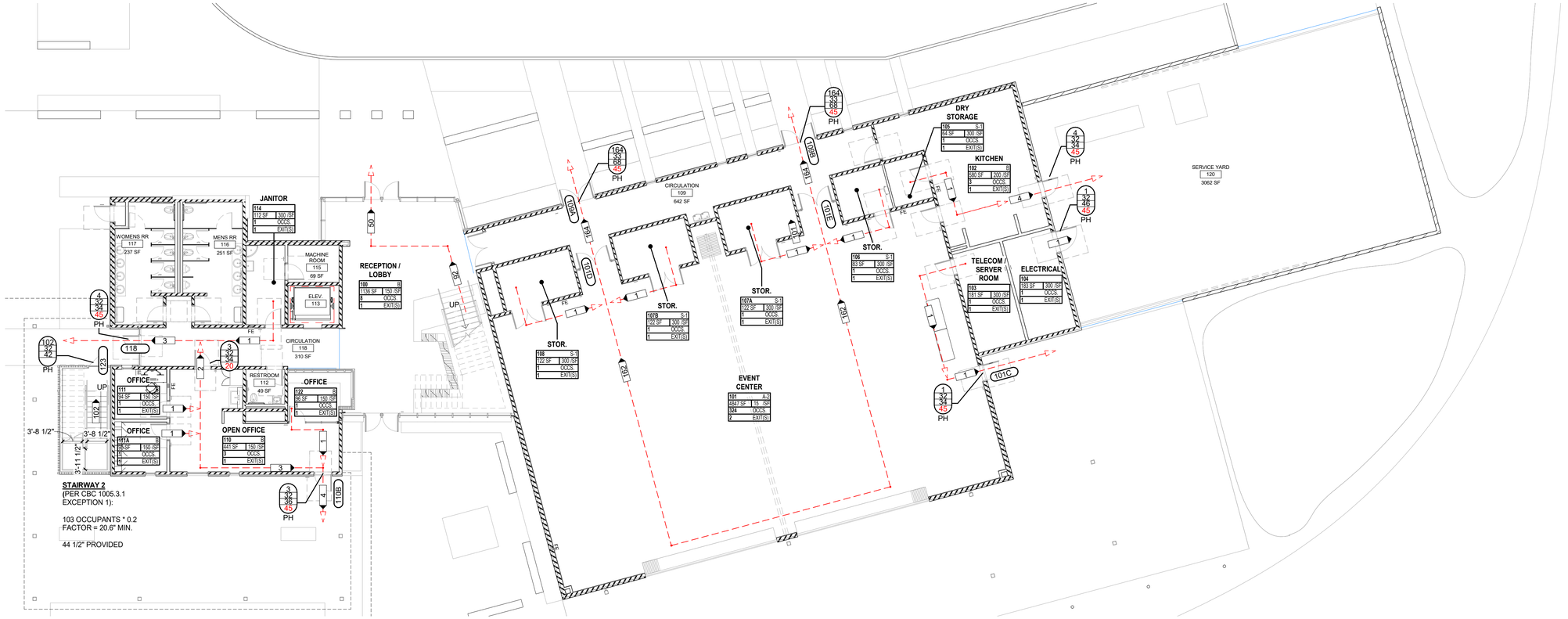
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	G1.11
	SHEET 4 OF 294

Autodesk Docs://2290003000 City of Santee Community Center R24/2290003000-A-Santee Community Center.rvt

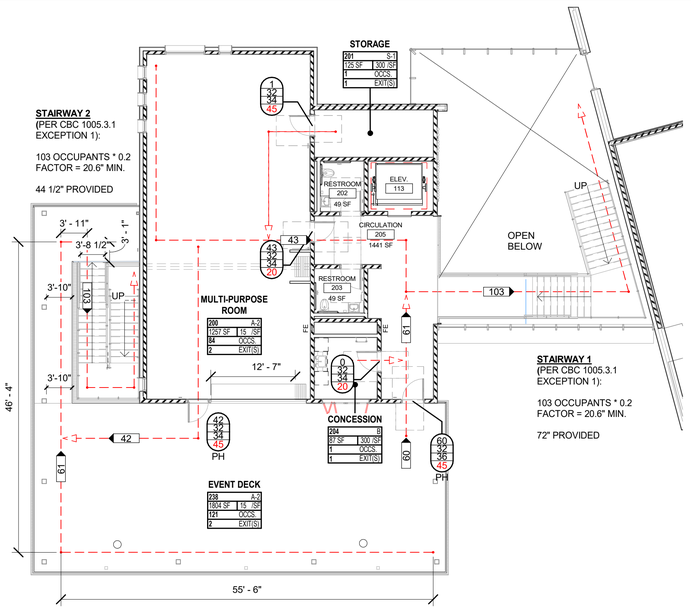
Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

100% CONSTRUCTION DOCUMENTS - 03/31/2025



1 G1.21 1ST FLOOR - CODE COMPLIANCE PLAN
3/32" = 1'-0"



2 G1.21 2ND FLOOR - CODE COMPLIANCE PLAN
3/32" = 1'-0"

OCCUPANCY & BUILDING AREAS

NEW COMMUNITY CENTER

USE AND OCCUPANCY GROUP CLASSIFICATION - CBC 2022 SEC. 305:
A-2, B, S-1

NONSEPARATED OCCUPANCIES PER SEC. 508.3

MAIN OCCUPANCY A-2 (MORE RESTRICTIVE)

CONSTRUCTION TYPE:
V-A

TYPE V-A	**REQ. FIRE RESISTANCE RATING (PER CBC 2022 TABLE 601)**
PRIMARY STRUCTURE FRAME	1 HR
EXTERIOR BEARING WALL	1 HR
INTERIOR BEARING WALL	1 HR
EXTERIOR NON-BEARING WALL	0 HR x > 30' PER TABLE 705.5
INTERIOR NON-BEARING WALL	0 HR
FLOORS & SECONDARY MEMBERS	1 HR
ROOFS & SECONDARY MEMBERS	1 HR

REQUIRED SPRINKLER SYSTEM
AUTOMATIC SPRINKLER SYSTEM REQUIRED BY SEC. 903.2.3
FOR GROUP A-2 IF THERE IS MORE THAN 100 OCCUPANTS

BUILDING HEIGHT - PER CBC TABLE 504.3:
ALLOWABLE BUILDING HEIGHT - 60 FT
(SPRINKLERED WITHOUT AREA INCREASE)
ACTUAL BUILDING HEIGHT - 32 FT
ACTUAL OF 32 FT < 60 FT ALLOWABLE
BUILDING HEIGHT INCREASES - NONE CONSIDERED/REQUIRED

NUMBER OF STORIES - PER CBC TABLE 504.4:
ALLOWABLE NUMBER OF STORIES - 2
ACTUAL NUMBER OF STORIES - 2
NUMBER OF STORY INCREASES - NONE CONSIDER/REQUIRED

BUILDING AREA - PER CBC TABLE 506.2:
ALLOWABLE BUILDING AREA - 34, 500 SF (SM = MULTI-STORY, FULLY SPRINKLERED WITHOUT HEIGHT INCREASE)
GROSS BUILDING AREA - 15,669 SF

1ST FLOOR: 10,332 SF;
1ST FLOOR COVERED PATIO: 2,114 SF;
2ND FLOOR: 2,179 SF;
2ND FLOOR EXTERIOR DECK - COVERED AREA : 1,044 SF.

TOTAL AREA OF 15,669 SF < 34,500 SF ALLOWABLE
AREA INCREASES - NONE CONSIDERED/REQUIRED

Room Schedule

Level	Name	Number	Occupancy	Area
1ST FLOOR	EVENT CENTER	101	A-2	4847.09 SF
1ST FLOOR: 1				4847.09 SF
2ND FLOOR	MULTI-PURPOSE ROOM	200	A-2	1256.58 SF
2ND FLOOR	EVENT DECK	238	A-2	1803.74 SF
2ND FLOOR: 2				3060.33 SF
A-2: 3				7907.41 SF
1ST FLOOR	RECEPTION / LOBBY	100	B	1136.50 SF
1ST FLOOR	KITCHEN	102	B	580.09 SF
1ST FLOOR	OPEN OFFICE	110	B	441.05 SF
1ST FLOOR	OFFICE	111	B	94.36 SF
1ST FLOOR	OFFICE	111A	B	94.69 SF
1ST FLOOR	OFFICE	122	B	96.10 SF
1ST FLOOR: 6				2442.79 SF
2ND FLOOR	CONCESSION	204	B	86.91 SF
2ND FLOOR: 1				86.91 SF
B: 7				2529.70 SF
1ST FLOOR	DRY STORAGE	105	S-1	64.34 SF
1ST FLOOR	STOR.	106	S-1	83.48 SF
1ST FLOOR	STOR.	107A	S-1	122.28 SF
1ST FLOOR	STOR.	107B	S-1	121.78 SF
1ST FLOOR	STOR.	108	S-1	122.46 SF
1ST FLOOR: 5				514.34 SF
2ND FLOOR	STORAGE	201	S-1	125.20 SF
2ND FLOOR: 1				125.20 SF
S-1: 6				639.54 SF

PLUMBING COUNT

PLUMBING OCCUPANT LOAD — CPC 2022 TABLE 4-1

TYPE OF OCCUPANCY	DESCIPTION	AREA	LOAD FACTOR	TOTAL OCCUPANT LOAD	TOTAL OCCUPANTS (M/F @ 1/2 EA.)
A-2	ASSEMBLY	7,908.77 SF	30	263.6	131.8
B	BUSINESS	2,530 SF	150	18	9

REQUIRED FIXTURES — CPC 2022 TABLE 422.1

TYPE OF OCCUPANCY	TOTAL OCCUPANTS (M/F @ 1/2 EA.)	WATER CLOSETS		URINALS	LAVATORIES		DRINKING FOUNTAINS
		MALE	FEMALE	MALE	MALE	FEMALE	
A-2	132	2: 52-150	4: 101-200	1: 1-200	1: 1-150	1: 1-150	1: 1-250
		3	5	2	4	4	2
B	9	1 PER 50	1 PER 15	1 PER 100	1 PER 75	1 PER 50	1 PER 150
		1	1	1	1	1	1
TOTAL REQUIRED | PROVIDED		4 | 3*	6 | 5*	3 | 2*	2 | 4	2 | 4	2 | 2

* (3) THREE SINGLE OCCUPANCY ALL-GENDER RESTROOMS WERE PROVIDED IN ADDITION TO THE WOMEN'S & MEN'S RESTROOM STALLS.

INTERWEST
A GATEKEEPER COMPANY
Approved
08/01/2025 3:22:01 PM

Santee
DO MORE • DOE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

LEGEND

3 — COMMON PATH OF EGRESS
OF OCCUPANTS EXITING

EXIT OCCUPANY PROVIDED
REQUIRED DOOR WIDTH — 160
PROVIDED DOOR WIDTH — 32
FIRE RATING (MINUTES) (IF APPLICABLE) — 32
PANIC HARDWARE — 60 — PH

BUILDING ELEMENTS

1 HR FIRE / SMOKE BARRIER

NOTES

1. FIRE RESISTANCE RATINGS SHOWN ARE MINIMUM RATINGS REQUIRED. REFER TO PARTITION TYPES ON A10.12, AND SPECIFICATIONS, FOR MORE INFORMATION
2. FIRE RESISTANCE RATINGS IN PARTITIONS ARE SHOWN WHERE PARTITIONS ARE NOT CUT BY DOORS, WINDOWS, STOREFRONTS, OR OTHER OBJECTS. RATED PARTITION MAY EXIST ABOVE OBJECTS.

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/25
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - CODE ANALYSIS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: G1.21
SHEET 5 OF 294

Please Recycle

SANTEE COMMUNITY CENTER (CIP 2018-31)

CITY OF SANTEE

GENERAL NOTES

1. AN ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE DEPARTMENT OF DEVELOPMENT SERVICES PRIOR TO THE START OF ANY CONSTRUCTION WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY INCLUDING BUT NOT LIMITED TO UTILITY CONNECTIONS OR GRADING.
2. ACCEPTANCE OF THESE IMPROVEMENTS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
3. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, TESTED AND CONNECTED PRIOR TO CONSTRUCTION OF BERMS, CURBS, CROSS-GUTTERS, SIDEWALKS, RETAINING WALLS OR FINAL PAVING.
4. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORD DATA AND FIELD SURVEYS. TO THE BEST OF OUR KNOWLEDGE, EXISTING FACILITIES ARE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITIES SHOWN HEREON AND TO MAKE A REASONABLE AND DILIGENT SEARCH TO DETERMINE ANY OTHER WHICH ARE NOT OF RECORD OR NOT SHOWN ON THESE PLANS AND TO PROTECT THE SAME. ANY FACILITIES SO LOCATED SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND INCLUDED ON THE AS-BUILT DRAWINGS FOR THIS PROJECT.
5. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING EXPLORATORY EXCAVATIONS AND LOCATING EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO ALLOW FOR REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF CHANGES IN LINE OR GRADE DUE TO THE ACTUAL LOCATION OF THE EXISTING FACILITIES.
6. THE CONTRACTOR SHALL NOTIFY THE SAN DIEGO GAS AND ELECTRIC COMPANY PRIOR TO STARTING WORK NEAR S.D.G & E. FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.

   NOTICE: FOR LOCATION OF ELECTRICAL CABLES AND GAS PIPING AND APPURTENANCES CONTACT THE SAN DIEGO GAS AND ELECTRIC COMPANY. TELEPHONE: 811.
7. THE CONTRACTOR SHALL NOTIFY THE SBC PACIFIC BELL TELEPHONE COMPANY PRIOR TO STARTING WORK NEAR PACIFIC BELL FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.

   NOTICE: FOR LOCATION OF CABLES AND APPURTENANCES CONTACT AT&T.
8. THE CONTRACTOR SHALL NOTIFY PADRE DAM MUNICIPAL WATER DISTRICT 48 HRS. PRIOR TO STARTING WORK NEAR PADRE DAM FACILITIES AND SHALL COORDINATE HIS WORK WITH DISTRICT REPRESENTATIVES.

   NOTICE: FOR LOCATION OF WATER AND SEWER FACILITIES AND APPURTENANCES CONTACT PADRE DAM. TELEPHONE: 811.
9. THE CONTRACTOR SHALL NOTIFY COX CABLE TV PRIOR TO STARTING WORK NEAR COX CABLE FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.

   NOTICE: FOR LOCATION OF CABLES AND APPURTENANCES CONTACT COX CABLE. TELEPHONE: 811.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS, AND COORDINATE RELOCATION'S, IF NEEDED.
11. POWER SOURCES AND RUNS SERVING STREET LIGHTS SHALL BE SHOWN ON THE "AS-BUILT" IMPROVEMENT DRAWINGS. ALL SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT-OF-WAY, OR WITHIN EASEMENTS DEDICATED TO THE CITY OF SANTEE.
12. CITY OF SANTEE - INSPECTION REQUIREMENTS:
    A. CONTRACTOR SHALL INFORM THE CITY PROJECT ENGINEER 48 HRS. IN ADVANCE OF COMMENCING WORK. PHONE (619) 258-4100 EXT 168.
    B. THE CONTRACTOR SHALL GIVE A MINIMUM OF 24 HRS. NOTICE ON REQUESTS FOR INSPECTION. CONTRACTOR SHALL SCHEDULE ALL INSPECTIONS THROUGH SANTEEPORTAL.ORG.
    C. ANY WORK PERFORMED WITHOUT THE BENEFIT OF INSPECTION IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
13. THE CONTRACTOR SHALL RELOCATE STREET SIGNS WHEN CONDITIONS SO DICTATE. CONTRACTOR SHALL PROTECT AND ASSUME RESPONSIBILITY FOR ALL OTHER TRAFFIC CONTROL DEVICES. CONTRACTOR SHALL REPLACE TRAFFIC STRIPING, STREET MARKINGS, AND CURB MARKINGS REMOVED OR DAMAGED BY HIS WORK.
14. SIDEWALK JOINT LOCATIONS SHALL BE INSTALLED IN ACCORDANCE WITH REGIONAL STANDARD DRAWING NO. G-9. CURB OR CURB AND GUTTER JOINT LOCATIONS SHALL INCLUDE EXPANSION JOINTS AT CURB RETURNS, ADJACENT TO WALLS AND STRUCTURES AND AT 45 FOOT INTERVALS. WEAKENED PLANE JOINTS SHALL BE PLACED EVERY 15' AND GROOVED JOINTS PLACED EVERY 5'. ALL CONCRETE JOINTS SHALL CONFORM TO REGIONAL STANDARD DRAWING NO. G-10. SIDEWALKS SHALL BE REMOVED TO THE NEAREST JOINT. REFER TO PROJECT SPECIFICATIONS SECTION 32 13 13 FOR FURTHER INFORMATION.
15. SIDEWALKS AND BIKEPATHS ARE DESIGNED TO HAVE CLEAR UNOBSTRUCTED ACCESS. THESE FACILITIES SHALL BE KEPT CLEAR OF STREET LIGHTS, FIRE HYDRANTS, METER BOXES, TRANSFORMERS, ELECTRICAL PULL BOXES, BLOWOFFS, AIR VENTS OR OTHER SIMILAR OBSTRUCTIONS AT ALL TIMES AND SHALL MAINTAIN 4' MINIMUM CLEARANCE.
16. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ADEQUACY OF DESIGN AND CONSTRUCTION IN ACCORDANCE WITH THE SPECIFIED GENERAL STANDARDS OF CONSTRUCTION LISTED HEREON, AND TO PROTECT THE WORK AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. FAILED OR DAMAGED WORK SUCH AS CRACKED SIDEWALKS, CURB AND GUTTER, CROSS GUTTERS, DRIVEWAY APRONS AND SO FORTH, SHALL BE REPLACED TO THE NEAREST JOINT OR SCORE LINE IN EACH DIRECTION PRIOR TO PLACEMENT OF THE FINAL PAVEMENT COURSE.
17. THE CONTRACTOR SHALL ENFORCE SAFETY MEASURES AND REGULATIONS INCLUDING THE DESIGN, CONSTRUCTION AND MAINTENANCE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, DISPOSAL, AND COORDINATION OF ALL PRIVATE FACILITIES, FENCES, WALLS, DEBRIS, LANDSCAPING AND IRRIGATION WITHIN THE RIGHT OF WAY WHICH REQUIRES REMOVAL FOR CONSTRUCTION PURPOSES. EACH INDIVIDUAL OWNER EFFECTED SHALL BE NOTIFIED 5 DAYS IN ADVANCE PRIOR TO DEMOLITION OR REMOVAL OF PRIVATE PROPERTY WITHIN THE RIGHT OF WAY.
19. NO WORK OUTSIDE THE RIGHT OF WAY SHALL BE CONDUCTED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE CITY.
20. SOME UTILITIES MAY BE RELOCATED BY THE UTILITY COMPANIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THAT ALL UTILITIES ARE RELOCATED PRIOR TO START OF WORK BY CONTACTING THE CITY.
21. CONTRACTOR SHALL BE PROPERLY LICENSED BY THE TIME THE CONTRACT IS AWARDED, PURSUANT TO THE PROVISIONS OF PUBLIC CONTRACT CODE 20103.5.

BENCHMARK:

THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20986, BEING A STANDARD STREET SURVEY MONUMENT, M-10, WITH PUNCH ONLY. LOCATED ON A 5.00' OFFSET SOUTH ALONG THE CENTERLINE OF COTTONWOOD AVENUE FROM THE CENTERLINE INTERSECTION OF PALM GLEN DRIVE AND COTTONWOOD AVENUE AS DERIVED FROM MAP NO. 7349.

ELEVATION: 355.96 FEET FROM SAID RECORD OF SURVEY 20986. FOR THE PURPOSE OF THIS SURVEY IT IS 356.05 FEET.

DATUM: NAVD88

811 Call 2 Full Working Days In Advance

STORMWATER POLLUTION PREVENTION NOTES:

1. APPROPRIATE EROSION PREVENTION AND SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED AT ALL TIMES.
2. THE TOPS OF ALL SLOPES SHALL HAVE A DIKE OR TRENCH TO PREVENT WATER FROM FLOWING OVER THE CRESTS OF SLOPES.
3. CLEAN GRAVEL ONLY WILL BE USED IN GRAVEL BAGS.
4. CATCH BASINS, DESILTING BASINS, GRAVEL BAGS, CHECK DAMS AND STORM DRAIN SYSTEMS SHALL BE INSTALLED TO THE SATISFACTION OF THE CITY ENGINEER. THESE FACILITIES SHALL BE CLEANED ON A REGULAR BASIS, AND KEPT FREE OF SOIL ACCUMULATION.
5. GRAVEL BAG CHECK DAMS SHALL BE PLACED IN UNPAVED AREAS WITH GRADIENTS IN EXCESS OF 2%, IN OTHER GRADED OR EXCAVATED AREAS AS REQUIRED BY THE DEPARTMENT OF DEVELOPMENT SERVICES, AND AT OR NEAR EVERY POINT WHERE CONCENTRATED FLOWS LEAVE THE DEVELOPMENT.
6. GRAVEL BAGS SHALL BE PLACED ON THE UPSTREAM SIDE OF ALL DRAINAGE INLETS TO MINIMIZE SILT BUILDUP IN THE INLETS AND PIPES.
7. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ANY ERODED SLOPES.
8. ROADWAYS AND ENTRANCES TO AND FROM THE SITE SHALL BE SWEPT ON A REGULAR BASIS TO KEEP THEM FREE OF SOIL ACCUMULATION.
9. CONTRACTOR SHALL HAVE WATER TRUCKS AND EQUIPMENT ON-SITE TO MINIMIZE AIRBORNE DUST CREATED FROM GRADING AND HAULING OPERATIONS OR EXCESSIVE WIND CONDITIONS. WATERING SHALL BE PERFORMED ON A CONTINUOUS BASIS ANY TIME THESE CONDITIONS ARE PRESENT AND AT ALL OTHER TIMES AS DIRECTED BY THE CITY ENGINEER. ADDITIONAL DUST CONTROL MEASURES SHALL BE IMPLEMENTED AS NEEDED.
10. STOCKPILES SHALL BE COVERED AT THE END OF EACH WORKING DAY AND PRIOR TO PREDICTED RAIN EVENTS. ASPHALT SHALL BE STORED ON A LAYER OF PLASTIC SHEETING, OR EQUIVALENT.
11. ALL PORTABLE TOILETS SHALL HAVE A SECONDARY CONTAINMENT AND NOT BE LOCATED NEAR A STORM DRAIN (I.E. CATCH BASIN OR STREET).
12. INACTIVE SLOPES SHALL BE PROTECTED AND STABILIZED WITHIN 10 CALENDAR DAYS OF LAST BEING WORKED, OR ON THE DIRECTION OF THE CITY. ACTIVE SLOPES SHALL BE STABILIZED DURING RAIN.
13. EROSION CONTROL ON SLOPES SHALL BE MITIGATED BY INSTALLING LANDSCAPING AS PER APPROVED LANDSCAPE PLANS AS REQUIRED BY THE DEVELOPMENT REVIEW CONDITIONS..
14. VEHICLE MAINTENANCE, REPAIR AND STORAGE BMPS WILL BE IMPLEMENTED INCLUDING: USE OF DRIP PANS OR EQUIVALENT UNDER VEHICLE STORED OVERNIGHT; DAILY INSPECTION FOR LEAKS AND SPILLS; PROMPT REMOVAL OF SPILLS; AVAILABILITY OF OIL-ABSORBENT SPILL REMOVAL MATERIALS ON SITE.
15. HEAVY EQUIPMENT WILL NOT BE STORED ON THE PUBLIC RIGHT-OF-WAY.
16. TRASH SHALL BE PLACED IN DUMPSTERS. OFFCUTS FROM FRAMING WILL BE STORED APPROPRIATLY AND NOT ALLOWED TO ACCUMULATE IN STOCKPILES AROUND THE SITE.
17. TRASH DUMPSTERS WILL HAVE LIDS. THE LIDS WILL REMAIN CLOSED AND THE DUMPSTERS WILL NOT BE OVERFILLED. ADDITIONAL TRASH PICK UPS SHALL BE MADE AS NECESSARY.
18. LIQUID MATERIALS WILL BE STORED IN CLOSED CONTAINERS IN SECONDARY CONTAINMENT AND UNDER COVER. SOLID MATERIALS WILL BE STORED ON PALLETS AND BE COVERED DURING RAIN.
19. A MATERIALS WASHOUT WILL BE AVAILABLE ONSITE WHENEVER LIQUID MATERIALS ARE USED. THE WASHOUT WILL FULLY CONTAIN THOSE MATERIALS AND THE SURROUNDING AREA SHALL BE KEPT FREE OF SPILLS.
20. DISCHARGE OF POTABLE WATER (SUCH AS FROM POWERWASHING OR FILLING WATER TRUCKS) WILL BE PREVENTED.
21. 125 PERCENT OF THE MATERIALS REQUIRED TO MAINTAIN STORM WATER BMPS SHALL BE PRESENT ON THE SITE AT ALL TIMES.
22. STORMWATER CONTROL MEASURES SHOWN HEREON ARE BEST MANAGEMENT PRACTICES FOR THIS SITE BASED ON THE ANTICIPATED PROGRESS OF THE WORK. ADDITIONAL MEASURES MAY BE REQUIRED AT ANY TIME AT THE DISCRETION OF THE CITY ENGINEER AS THE WORK PROGRESSES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ADEQUATE PROTECTION IS IN PLACE AT ALL TIMES TO PREVENT ANY DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENT, FROM THE EXPOSED SITE AREAS. BMPS WILL BE MAINTAINED UNTIL REMOVAL.
23. SILT FENCING SHALL BE INSTALLED AROUND THE PERIMETER OF ALL GRADING WORK AND THE PERIMETER OF THE IMPROVEMENT AREA.

ENGINEER OF WORK'S DESIGN CERTIFICATION

I, SARAH CURRAN, HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE, AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, OVER THE ENGINEERING DESIGN OF THIS PROJECT AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I, UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SANTEE IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME AS THE ENGINEER OF WORK OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

I FURTHER UNDERSTAND THAT UPON APPROVAL OF THESE PLANS BY THE CITY ENGINEER, THE PLANS BECOME THE PROPERTY OF THE CITY OF SANTEE IN ACCORDANCE WITH THE CITY PUBLIC WORKS STANDARDS. AS SUCH, I HEREBY RELINQUISH RIGHT OF OWNERSHIP TO THE CITY TO USE THESE PLANS AS THEY MAY DEEM NECESSARY.

SIGNED: _____ DATE: 07/11/2025

REGISTRATION NO. C69620, MY REGISTRATION EXPIRES ON 06/30/26

FIRM: PSOMAS

ADDRESS: 401 B STREET SUITE 1600
SAN DIEGO, CA 92101

TELEPHONE: 619-961-2800

REGISTERED PROFESSIONAL ENGINEER — SARAH K. CURRAN — No. C69620 — CIVIL — STATE OF CALIFORNIA

NONRESIDENTIAL FLOOD STATEMENT

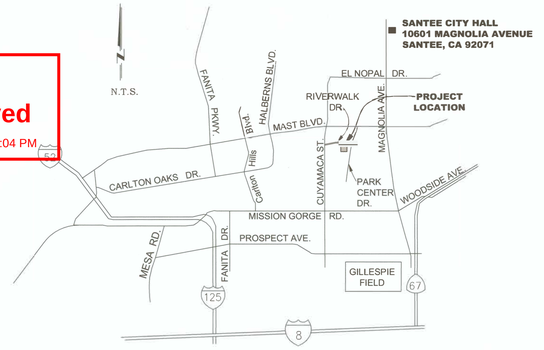
I, SARAH CURRAN, A REGISTERED CIVIL ENGINEER HEREBY CERTIFY THAT:

1. THE PAD ELEVATIONS SHOWN ON THIS AS-BUILT GRADING PLAN HAVE BEEN VERIFIED BY ME AND THAT SAID ELEVATIONS ARE AT A MINIMUM OF ONE FOOT ABOVE THE BASE FLOOD ELEVATION AS ESTABLISHED BY THE BASE FLOOD DISCHARGE RATES SET FORTH IN THE FLOOD DAMAGE PREVENTION ORDINANCE - CHAPTER 11.36 OF THE SANTEE MUNICIPAL CODE, OR
2. THE STRUCTURES ON THIS PROPERTY HAVE BEEN FLOOD PROOFED TO OR ABOVE THE BASE FLOOD ELEVATION AS ESTABLISHED BY THE BASE FLOOD DISCHARGE RATES SET FORTH IN THE FLOOD DAMAGE PREVENTION ORDINANCE - CHAPTER 15.52 OF THE SANTEE MUNICIPAL CODE.

SIGNED: _____ DATE: 07/11/2025

R.C.E. # C69620, MY REGISTRATION EXPIRES ON 06/30/26.

INTERWEST — A TetraTech COMPANY — Approved 08/22/2025 12:56:04 PM



VICINITY MAP

NO SCALE

ENGINEER OF WORK'S RECORD DRAWING CERTIFICATION

I, _____, A REGISTERED CIVIL ENGINEER IN THE STATE OF CALIFORNIA, HEREBY DECLARE THAT I HAVE EXERCISED RESPONSIBLE CHARGE, AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, OVER THE PREPARATION OF THE ENGINEERING PORTION OF THE RECORD DRAWINGS AND THAT THE INFORMATION SHOWN IS BASED ON AN INVESTIGATION AND SURVEY OF THE IMPROVEMENTS BETWEEN THE DATES OF _____ AND _____. TO THE BEST OF MY KNOWLEDGE AND EXPERIENCE THE INFORMATION SHOWN ON THESE PLANS PROVIDE AN ACCURATE AND CORRECT REPRESENTATION OF THE AS-BUILT CONDITIONS.

SIGNED: _____ DATE: _____

REGISTRATION NO. _____, MY REGISTRATION EXPIRES ON _____

FIRM: _____

ADDRESS: _____

TELEPHONE: _____

STANDARD SPECIFICATIONS:

1. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK") 2021 EDITION.
2. CITY OF SANTEE DEVELOPMENT SERVICES STANDARDS, LATEST EDITION.
3. CALIFORNIA DEPARTMENT OF TRANSPORTATION, "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" 2014 REVISION 6 EDITION.
4. STANDARD SPECIFICATIONS OF THE PADRE DAM MUNICIPAL WATER DISTRICT, WATER AGENCY STANDARDS, W.A.S.

STANDARD DRAWINGS:

1. CITY OF SANTEE STANDARD DRAWINGS.
2. SAN DIEGO REGIONAL STANDARD DRAWINGS (R.S.D.) AS RECOMMENDED BY THE REGIONAL STANDARDS COMMITTEE, MAINTAINED AND PUBLISHED BY THE SAN DIEGO COUNTY DEPARTMENT OF PUBLIC WORKS, 2018 EDITION.
3. STANDARD DRAWINGS OF THE PADRE DAM MUNICIPAL WATER DISTRICT, WATER AGENCY STANDARDS, W.A.S.
4. STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION 2021 EDITION.

LEGAL DESCRIPTION:

SITE ADDRESS: 10129 RIVERWALK DRIVE
SANTEE, CA 92071

APN: 381-051-14-00

ALL THOSE PORTIONS OF BLOCKS 2 AND 3 OF THE SUBDIVISION OF LOTS "H" AND "O", PER MAP NO. 817, RECORDED APRIL 2, 1896.

SHEET INDEX:

SHEET NO.	DESCRIPTION
C1.0	TITLE SHEET AND GENERAL NOTES
C1.1	EXISTING CONDITIONS PLAN
C1.2	DEMOLITION PLAN
C1.3	GRADING AND PAVING PLAN
C1.4	PARKING LOT GRADING AND PAVING PLAN
C1.5	HORIZONTAL CONTROL PLAN
C1.6	PARKING LOT HORIZONTAL CONTROL PLAN
C1.7	HORIZONTAL CONTROL PLAN TABLES
C1.8	TRAFFIC SIGNAGE AND STRIPING PLAN
C1.9	CIVIL UTILITY PLAN
C1.10	CIVIL DETAILS 1
C1.11	CIVIL DETAILS 2
C1.12	EROSION CONTROL PLAN

ABBREVIATIONS:

AC	ASPHALT CONCRETE
C&G	CURB AND GUTTER
CB	CATCH BASIN
CBM	CONSTRUCTION BENCH MARK
EX	EXISTING
FG	FINISH GRADE
FL	FLOW LINE
LT	LEFT
MH	MANHOLE
OHE	OVER HEAD ELECTRIC
PCC	PORTLAND CEMENT CONCRETE
PP	POWER POLE
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
ROW	RIGHT OF WAY
RW	RECYCLED WATER
SDRSD	SAN DIEGO COUNTY REGIONAL STANDARD DRAWINGS
SDMH	STORM DRAIN MANHOLE
SL	STREET LIGHT
TC	TOP OF CURB
TF	TOP OF FOOTING
X-ING	CROSSING

LEGEND

ITEM (RSD)	SYMBOL
RIGHT-OF-WAY	ROW
EXIST TELEPHONE	T
EXIST CABLE TV	CATV
EXIST ELECTRIC	E
EXIST SANITARY SEWER	MH — SS
EXIST WATER	W
EXIST GAS	G
EXIST RECYCLED WATER	RW
EXIST CHAIN LINK FENCE	X X X
EXIST SIDEWALK	
EXIST CATCH BASIN	CB
EXIST POWER POLE	OPP
EXIST CURB AND GUTTER	
EXIST STORM DRAIN	SD SD
EXIST SEWER SERVICE	S
EXIST WATER SERVICE	W
EXIST BLOWOFF	B
EXIST RECYCLED WATER SERVICE	
CURB AND GUTTER (G-2)	
LODGE POLE FENCE (2 RAIL)	
CHAIN LINK FENCE (M-6)	X X X
REMOVABLE BOLLARD	
DG SURFACE	
6" CONCRETE MOW CURB	
CONSTRUCTION NOTE	1

Santee — PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadhe
Date: Aug 22, 2025

* ALL DIMENSIONS IN FEET UNLESS OTHERWISE SHOWN

SEWER & WATER AGENCY

APPROVED BY: PADRE DAM Municipal Water District

DIRECTOR OF ENGINEERING & PLANNING — DATE 8/21/25

76583 — RCE NO. — 12/31/26 EXP

Santee Community Center — PDMWD PROJECT/FILE NAME — 223039 PDMWD JOB NO. — W5A SERVICE AREA

VALID FOR ONE YEAR FROM THE DATE OF SIGNATURE.
SIGNATURE OF THESE PLANS IS NOT A COMMITMENT TO SERVE. ACTUAL FIELD CONDITIONS MAY REQUIRE CHANGES TO THE WATER, SEWER, AND/OR RECYCLED WATER PLANS. THE DEVELOPER AND/OR ITS ENGINEER OF WORK SHALL BE RESPONSIBLE FOR MAKING ANY NECESSARY CHANGES AT NO ADDITIONAL COST TO THE DISTRICT.

CITY OF SANTEE

FIRE DEPARTMENT — FIRE CHIEF		8/20/25 DATE
COMMUNITY SERVICES DEPARTMENT — COMMUNITY SERVICES DIRECTOR		8-20-2025 DATE
ENGINEERING DIVISION — CITY ENGINEER	RCE NO: 60112 EXPIRES: 06/30/2026	8/20/25 DATE
PLANNING DIVISION — PROJECT PLANNER		8/20/25 DATE
TRAFFIC SECTION — PRINCIPAL TRAFFIC ENGINEER		8/20/2025 DATE

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20986, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY.
ELEVATION: 355.96 FEET FROM ROS 20986, FOR THE PURPOSES OF THIS SURVEY IT IS 356.05 FEET.
DATUM: NAVD88

SCALE — HORIZ: AS SHOW — VERT: AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF SARAH CURRAN — DATE 04/04/2025
RCE NO. C69620 — EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

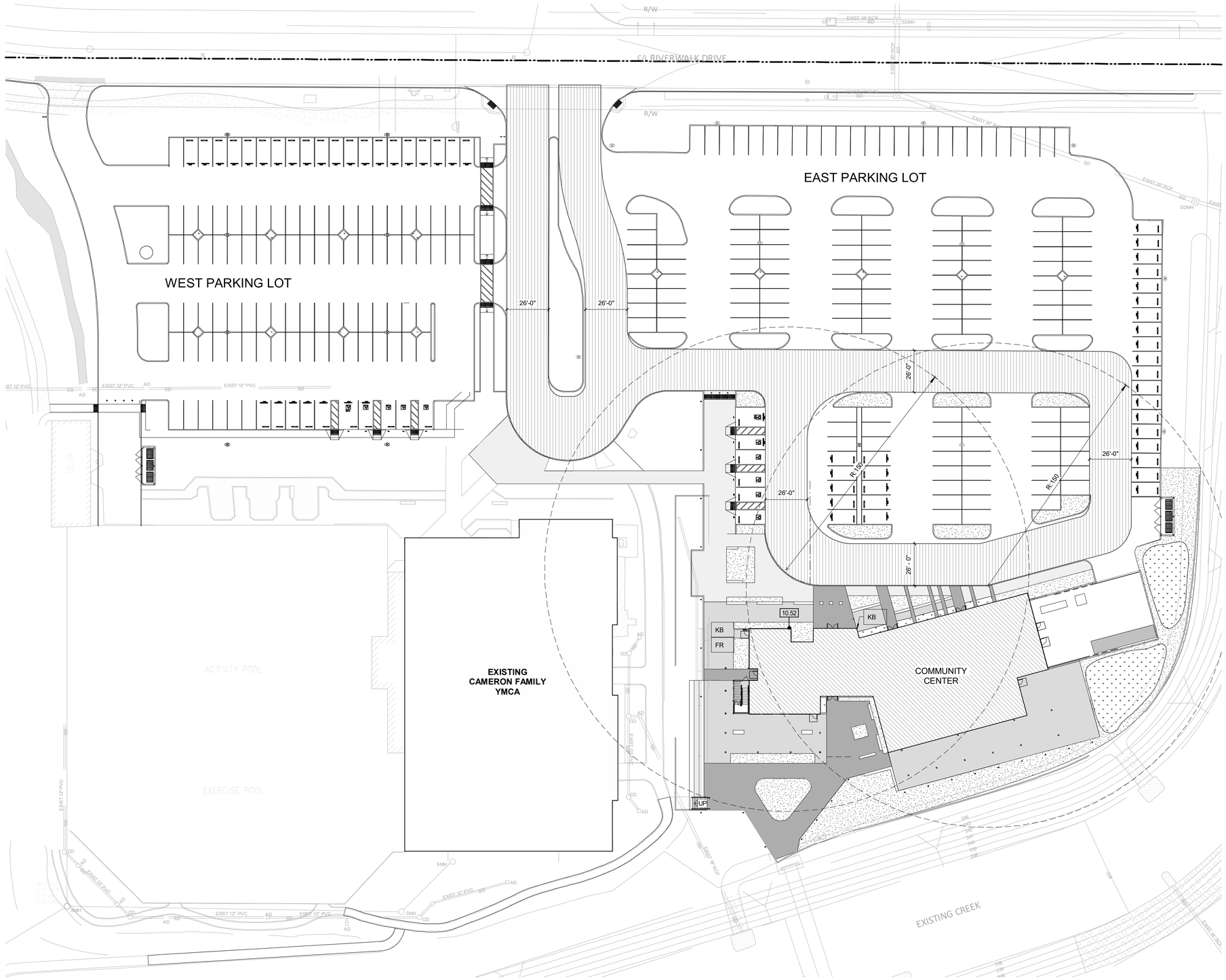
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER TITLE SHEET AND GENERAL NOTES

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	C1.0

SHEET 7 OF 294

SANTEE COMMUNITY CENTER - TITLE SHEET AND GENERAL NOTES

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1 / G1.51 FIRE PLAN
1" = 30'-0"

TN

LEGEND

- FIRE LANE MINIMUM DISTANCE RADIUS (150'-0")
- FIRE LANE
- KB — KNOX BOX
- FR — FIRE SPRINKLER RISER

Santee
CALIFORNIA

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A RAPTOR® COMPANY
Approved
08/01/2025 3:22:01 PM

NOTES

1. REFER TO SHEET G0.#1 SERIES FOR TYPICAL SYMBOLS AND ABBREVIATIONS.
2. REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION.
3. REFER TO CIVIL DRAWINGS FOR GRADING AND UTILITY INFORMATION.
4. REFER TO MEP DRAWING FOR UTILITY INFORMATION
5. CONTRACTORS IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/ PLANTING OUTSIDE OF LIMIT OF WORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES.
6. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4 " MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN 05/31/25
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

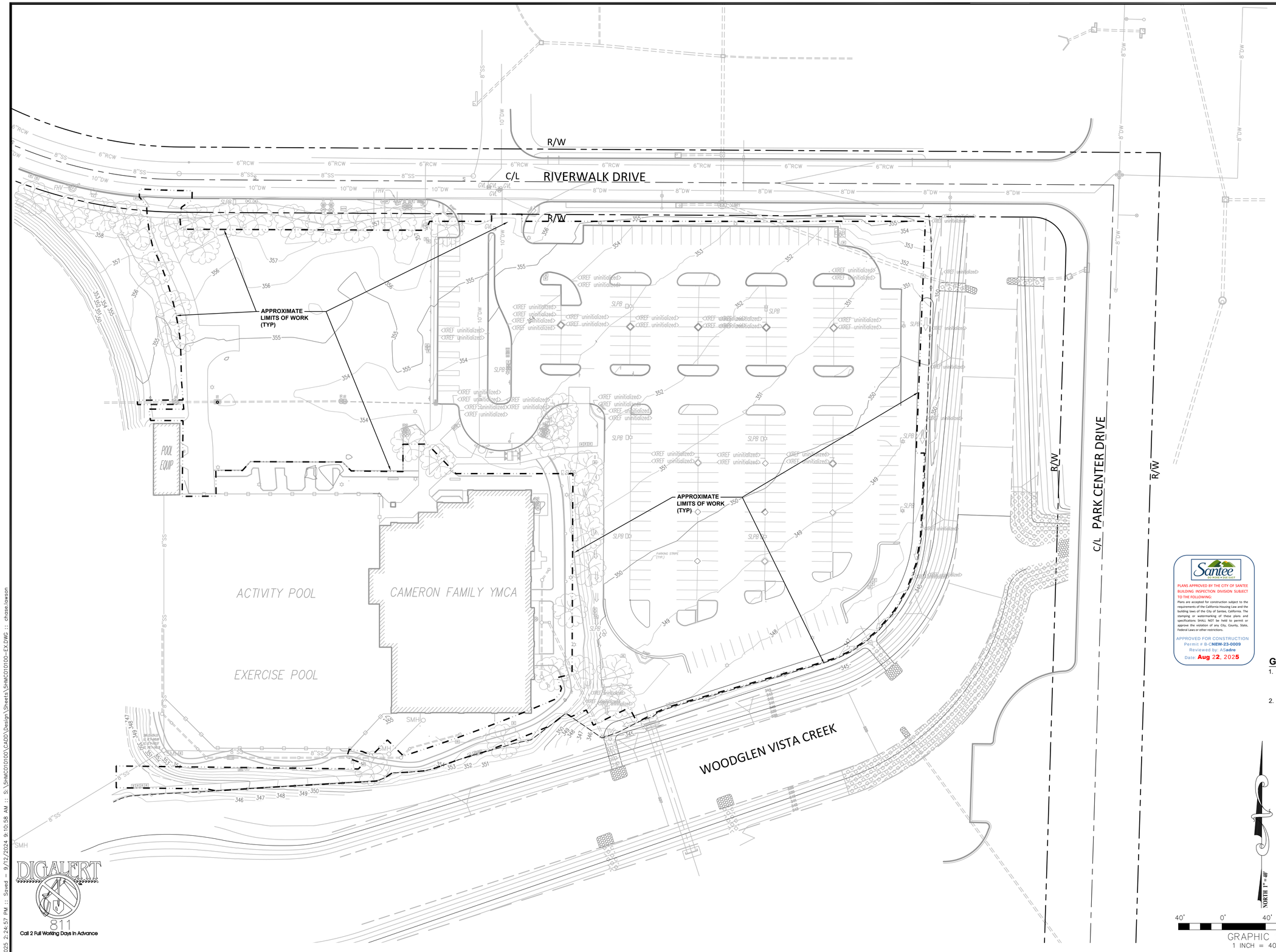
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **G1.51**
SHEET 6 OF 294

SANTEE COMMUNITY CENTER - LOCAL FIRE AUTHORITY SITE ACCESS PLAN

Please Recycle



LEGEND AND ABBREVIATIONS

AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
BFP	BACKFLOW PREVENTION ASSEMBLY
BW	BOTTOM OF WALL
CATV	CABLE TELEVISION
CMU	CONCRETE MASONRY UNIT
C/O	SANITARY SEWER CLEANOUT
CONC	CONCRETE/CONCRETE SPOT EL.
CP	CONCRETE PEDESTAL
CPAD	CONCRETE PAD
CR	COMMUNICATION RISER
DI	DROP INLET
DIA	DIAMETER
DECID	DECIDUOUS
ECCB	ELECTRIC CABINET
EC	EDGE OF CONCRETE
EL	ELEVATION
ELEC	ELECTRIC
EUC	EUCALYPTUS
EVC	ELECTRIC VEHICLE CHARGING STATION
EVT	ELECTRIC VAULT
EP	EDGE OF PAVEMENT
FDC	FIRE DEPARTMENT CONNECTION
FF	FINISHED FLOOR
FHV	FIRE HYDRANT VALVE
FL	FLOWLINE
GB	GRADE BREAK
GRD	GROUND
GR	GROUNDING ROD
HCR	HANDICAP RAMP
HDCP	HANDICAP
IR	IRRIGATION CONTROL VALVE
OHG	OVERHANG
LS	LANDSCAPE
RD	3" PVC ROOF DRAIN
(N)	NORTH
(S)	SOUTH
SW	SIDEWALK
TC	TOP OF CURB
TOP	TOP OF SLOPE
TRW	TREE WELL
TW	TOP OF WALL
UD	SIDEWALK UNDERDRAIN
VG	VALLEY GUTTER
BL	BOLLARD
FH	FIRE HYDRANT
GVL	GAS VALVE
ICV	IRRIGATION CONTROL VALVE
LP	LIGHT ON POLE/LANDSCAPE LIGHT
PED	PEDESTAL
SN	ROAD/TRAFFIC SIGN
WTVL	WATER VALVE
CB	CATCH BASIN
SDMH/CO	STORM DRAIN MANHOLE & CLEANOUT
SMH	SEWER MANHOLE
CI	CURB INLET
	RIP RAP
	DG WALK
	CONCRETE
	RIVER BED
	GRAVEL PARKING LOT
	WALL
	TOP OF SLOPE
	TOE OF SLOPE
	TOP FACE OF CURB OR EDGE OF PAVEMENT
	FLOWLINE OF SWALE
X	CHAINLINK FENCE
	WOOD FENCE
	WROUGHT IRON FENCE
COM	UNDERGROUND COMMUNICATION
E	UNDERGROUND ELECTRIC
G	UNDERGROUND GAS
DW	UNDERGROUND DOMESTIC WATER
RCW	UNDERGROUND RECLAIM WATER
SS	UNDERGROUND SANITARY SEWER
SD	UNDERGROUND STORM DRAIN
355	EXISTING CONTOUR LINE
	TREE

Santee
SO MORE • SO EAST

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

GENERAL NOTES

1. BASE CONDITIONS SHOWN HEREON AS EXISTING CONDITIONS ARE BASED ON A SURVEY DATED MARCH 23, 2022, PREPARED BY PSOMAS, AND PUBLICLY AVAILABLE RECORD AS-BUILT DRAWINGS.
2. SEE THE GEOTECHNICAL INVESTIGATION REPORT, SANTEE COMMUNITY CENTER, DATED MARCH 18, 2022, PREPARED BY GROUP DELTA CONSULTANTS, INC.. CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW AND COMPLY WITH RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT.

NORTH 1"=40'

40' 0' 40' 80' 120'
GRAPHIC SCALE
1 INCH = 40 FEET

INTERWEST
A KIMLEY-HORN COMPANY
Approved
08/01/2025 3:22:01 PM

REGISTERED PROFESSIONAL ENGINEER
SARAH K. CURRAN
No. C69620
CIVIL
STATE OF CALIFORNIA

DIGALERT
811
Call 2 Full Working Days In Advance

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20986, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY.
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SCALE	
HORIZ:	AS SHOW
VERT:	AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
EXISTING CONDITIONS PLAN

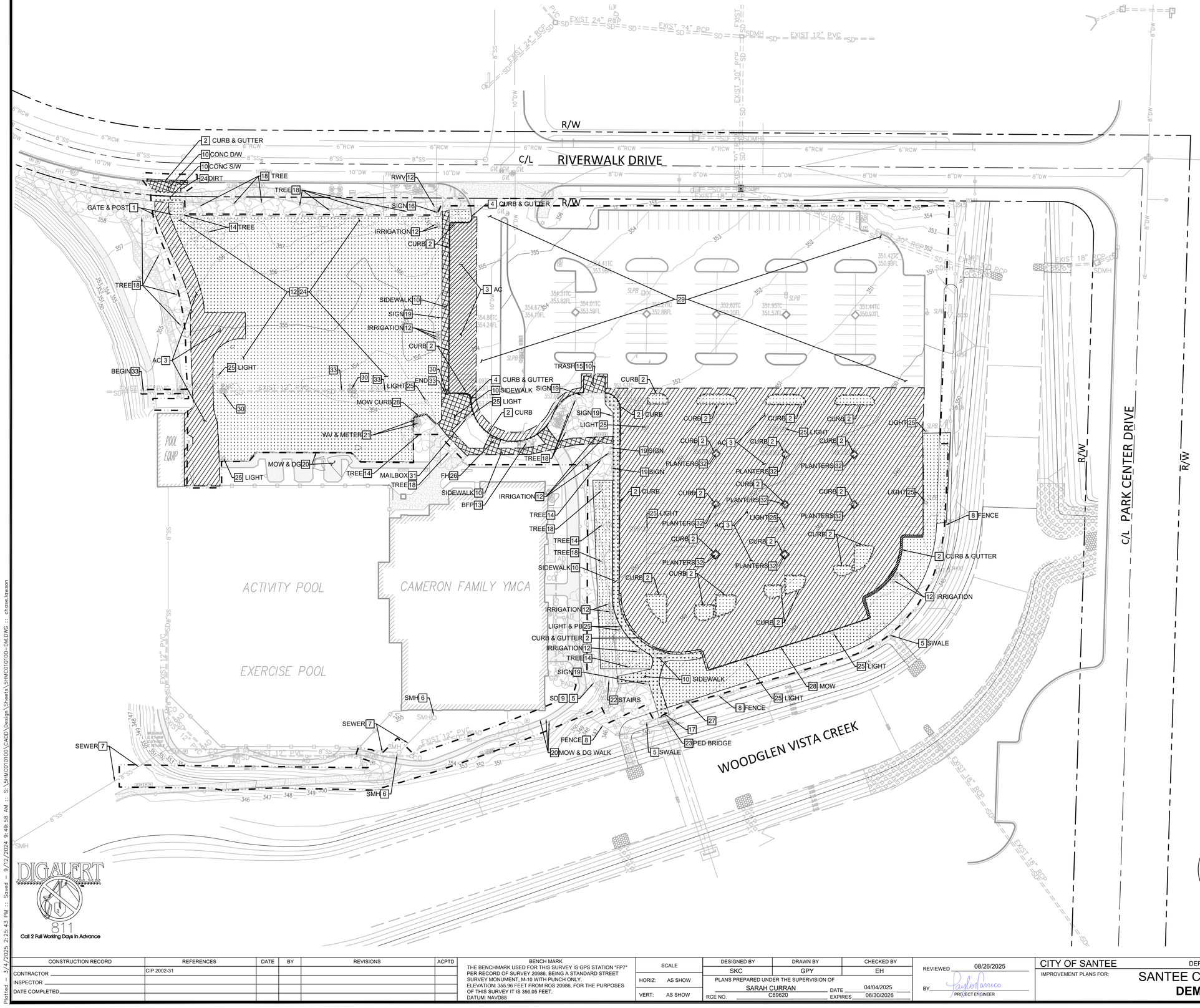
CITY W.O. NO. CIP 2018-31

DRAWING NO. C1.1

SHEET 8 OF 294

SANTEE COMMUNITY CENTER -

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LEGEND

- REMOVE EXIST ASPHALT PAVEMENT AND AGGREGATE BASE
- REMOVE EXIST CONCRETE PAVEMENT AND PERIMETER CURB/GUTTER/SIDEWALK (WHERE OCCURS)
- REMOVE EXIST LANDSCAPING AND IRRIGATION
- REMOVE EXIST CONCRETE MOW CURB

- SAWCUT LINE
- REMOVE EXIST FENCE/GATE
- EXISTING NATURAL SWALE
- APPROXIMATE LIMITS OF WORK

DEMOLITION NOTES

1. REMOVE AND DISPOSE GATE AND GATE POSTS.
2. REMOVE AND DISPOSE CONCRETE CURB OR CURB & GUTTER.
3. REMOVE AND DISPOSE AC PAVEMENT AND BASE, FULL DEPTH, WHEEL STOPS, AND ADA PARKING SIGNAGE.
4. PROTECT CURB & GUTTER IN PLACE.
5. PROTECT DRAINAGE STRUCTURE IN PLACE.
6. PROTECT SEWER MANHOLE IN PLACE.
7. PROTECT SEWER LINE IN PLACE.
8. PROTECT FENCE IN PLACE.
9. PROTECT STORM DRAIN PIPE IN PLACE.
10. REMOVE CONCRETE PAVEMENT & SIDEWALK.
11. NOT USED.
12. REFER TO LANDSCAPE SHEETS L2.10 AND L2.11 FOR IRRIGATION DEMOLITION AND DISPOSE.
13. PROTECT IN PLACE BACK FLOW PREVENTER AND FIRE PIPE CONNECTION.
14. REMOVE AND DISPOSE TREE AND TRUNKS.
15. REMOVE AND DISPOSE OF TRASH ENCLOSURE AND FOOTINGS.
16. PROTECT SIGN.
17. PROTECT REMOVABLE BOLLARD IN PLACE.
18. PROTECT TREE.
19. REMOVE & DISPOSE SIGN.
20. PROTECT MOW CURB AND DG WALK.
21. EXISTING YMCA WATER METERS (2) TO BE REMOVED BY PADRE DAM MUNICIPAL WATER DISTRICT AFTER RELOCATION INSTALL (SEE UTILITIES PLAN). BACKFLOW PREVENTERS (2) TO BE REMOVED BY CONTRACTOR AFTER RELOCATION INSTALL (SEE UTILITIES PLAN).
22. REMOVE AND DISPOSE WOOD STAIRS.
23. PROTECT IN PLACE PEDESTRIAN BRIDGE.
24. REMOVE GRASS FIELD AND AGGREGATE BASE.
25. REMOVE LIGHT STANDARD POLE FOOTING AND PULL BOX.
26. PROTECT FIRE HYDRANT IN PLACE.
27. PROTECT UNDERGROUND ELECTRICAL PULL BOX.
28. REMOVE AND DISPOSE MOW CURB.
29. PROTECT EXIST CURBS, STRIPES, ASPHALT CONCRETE, PLANTERS, IRRIGATION, LANDSCAPING, ELECTRICAL AND LIGHTING IN PLACE.
30. REMOVE AND DISPOSE EXISTING CATCH BASIN.
31. PROTECT IN PLACE EXISTING MAIL BOX.
32. REMOVE AND DISPOSE EXISTING TREES AND ROOT BARRIERS IN ISLAND PLANTERS.
33. REMOVE AND DISPOSE PVC STORM DRAIN.

GENERAL DEMOLITION NOTES

1. PRIOR TO ANY DEMOLITION OR EXCAVATION FOR THIS CONTRACT CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES.
2. LOCATION OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OF WORK. ACCURATE VERIFICATION AS TO SIZE, LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES SHALL BE THE CONTRACTORS RESPONSIBILITY.
3. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
4. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY AGENCIES PRIOR TO STARTING HIS WORK WITH UTILITY REPRESENTATIVES. FOR LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES, CONTACT "UNDERGROUND SERVICE ALERT": AT 811
5. EXIST ABANDONED UNDERGROUND UTILITIES TO BE REMOVED AND DISPOSED.
6. WITHIN DEMOLITION AREA, REMOVE ALL TREES, ROOTS,SHRUBS, STRUCTURES, FENCING, STRUCTURAL FOUNDATIONS, PAVED PATHS AND STAIRS, CONCRETE PAVEMENT, ASPHALT PAVEMENT, CURBS, GUTTERS, GROUND COVER, AND ANY EXISTING IMPROVEMENTS NOT SPECIFICALLY NOTED TO REMAIN. REMOVE ALL MISCELLANEOUS TRASH FROM SITE.
7. UNLESS OTHERWISE NOTED, ALL EXISTING UNDERGROUND UTILITIES AND ASSOCIATED STRUCTURES SHALL BE PROTECTED IN PLACE.
8. REFERENCE MECHANICAL, ELECTRICAL AND TELECOMMUNICATION PLANS FOR DEMOLITION AND INSTALLATION OF M, E, & T UTILITIES AND STRUCTURES.
9. REFERENCE LANDSCAPE PLANS FOR TREE PROTECTION AND REMOVALS.
10. REFERENCE LANDSCAPE PLANS FOR DEMOLITION AND INSTALLATION OF IRRIGATION LINES.
11. SHOULD ANY EXISTING UTILITY NOT SHOWN HEREON BE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER PRIOR TO DEMOLITION OF SUCH UTILITY.
12. CONTRACTOR SHALL USE A 3RD PARTY UNDERGROUND LOCATION SERVICE TO DETERMINE THE LOCATION OF ALL ELECTRICAL, WATER, SEWER, AND IRRIGATION LINES.

Santee
CA PRIDE & EXCELLENCE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST
A SafeBuilt COMPANY
Approved
08/01/2025 3:22:01 PM

REGISTERED PROFESSIONAL ENGINEER
SARAH K. CURRAN
No. C69620
CIVIL
STATE OF CALIFORNIA

NORTH 1"=40'

40' 0' 40' 80' 120'
GRAPHIC SCALE
1 INCH = 40 FEET

DIGALERT 811
Call 2 Full Working Days In Advance

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
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SCALE	
HORIZ:	AS SHOW
VERT:	AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

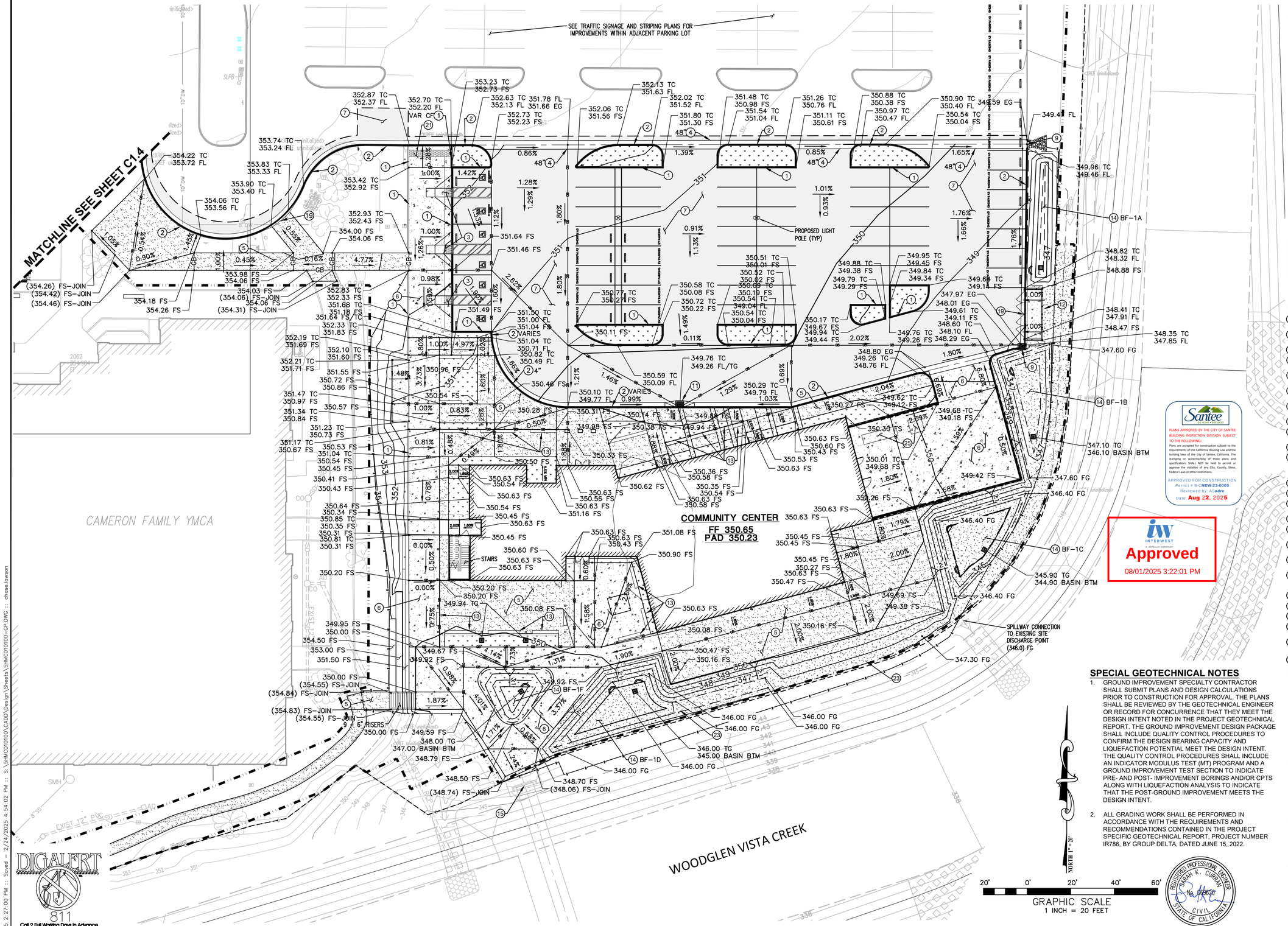
CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
DEMOLITION PLAN

CITY W.O. NO. CIP 2018-31

DRAWING NO. **C1.2**
SHEET 9 OF 294

SANTEE COMMUNITY CENTER - DEMOLITION PLAN

Plotted = 3/4/2025 2:25:43 PM :: Saved = 9/12/2024 9:49:58 AM :: S:\SHWC010100\CADD\Design\Sheets\SHWC010100-DM.DWG :: chase.lawson



LEGEND

- CURB RAMP
- CONCRETE CROSS GUTTER/RIBBON GUTTER
- CATCH BASIN
- CLEANOUT
- X% SLOPE ARROW
- 500 NEW CONTOUR
- x 505.50 NEW SPOT ELEVATION
- 500 EXISTING CONTOUR (PER AERIAL SURVEY, ACCURACY OF ± 0.5')
- 000.00 EXISTING ELEVATION (PER FIELD SURVEY, ACCURACY OF ± 0.1')
- 500.0 EXISTING SPOT ELEVATION (PER AERIAL SURVEY, ACCURACY OF ± 0.5')
- 740 NEW CONTOUR LINE
- DAYLIGHT LINE
- SAWCUT LINE
- RIDGE RIDGE LINE
- GB GRADE BREAK
- CONCRETE CURB
- CONCRETE CURB AND GUTTER
- LIMITS OF WORK
- BUILDING OVERHANG PER ARCHITECT
- CONCRETE VEHICULAR PAVEMENT
- AC PAVEMENT
- CONCRETE SIDEWALK
- LANDSCAPE PER LANDSCAPE PLANS

GRADING NOTES

1. CONSTRUCT CONCRETE CURB PER SDRSD G-01 6" CURB FACE UNLESS NOTED OTHERWISE.
2. CONSTRUCT CONCRETE CURB AND GUTTER PER SDRSD G-02 6" CURB FACE (UNLESS OTHERWISE NOTED).TYPE H
3. CONSTRUCT TYPE A CURB RAMP PER SDRSD G-27.
4. CONSTRUCT CROSS GUTTER PER SDRSD G-12 WIDTH PER PLANS.
5. CONSTRUCT CONCRETE SIDEWALK PER DETAIL 4 SHEET C1.10.
6. CONSTRUCT CONCRETE VEHICULAR PAVEMENT PER DETAIL 3 SHEET C1.10.
7. CONSTRUCT ASPHALT CONCRETE PAVEMENT PER DETAIL 2 SHEET C1.10.
8. CONSTRUCT FENCE PER LANDSCAPE PLAN.
9. CONSTRUCT CURB CUT WITH RIP RAP APRON PER DETAIL 2 SHEET C1.11.
10. NOT USED
11. CONSTRUCT CURBSIDE GRATED CATCH BASIN PER SPPWC STD 303-4 (SINGLE GRATE, V=2.77', t=8") WITH CASE F LOCAL DEPRESSION AT CATCH BASIN PER SPPWC STD 313-4.
12. CONSTRUCT TRASH ENCLOSURE PER ARCHITECT PLAN.
13. CONSTRUCT SEAT WALL PER LANDSCAPE PLAN.
14. CONSTRUCT BIOFILTRATION BASIN PER DETAIL 1 SHEET C1.11.
15. EXISTING PEDESTRIAN BRIDGE TO REMAIN.
16. CONSTRUCT CONCRETE DRIVEWAY (ALLEY TYPE) PER SDRSD G-14E.
17. CONSTRUCT 8" CURB WITH SIDEWALK UNDERDRAIN PER SDRSD D-27.
18. CONSTRUCT 12" CURB CUT PER DETAIL 2 ON SHEET 1 SHEET C1.11.
19. CONSTRUCT TYPE A 6" ROLLED CURB ALONG CONCRETE PAVEMENT ACCESS PER SDRSD G-4A WITH 5' LONG CURB TRANSITION ON EACH END PER SDRSD G-04B.
20. INSTALL DEMOUNTABLE POST PER SDRSD M-16.
21. CONSTRUCT TYPE D-3 CURB RAMP PER SDRSD G-31.
22. CONSTRUCT TYPE D-2 CURB PAMP PER SDRSD G-31.
23. CONSTRUCT COBBLE ENERGY DISSIPATION PER DETAIL 4 ON SHEET C1.11.
24. CONSTRUCT SIDEWALK UNDERDRAIN PER DETAIL 5 ON SHEET C1.11.
25. ELECTRICAL EQUIPMENT. SEE MEP PLANS FOR EQUIPMENT AND PAD CONSTRUCTION DETAILS.

SPECIAL GEOTECHNICAL NOTES

1. GROUND IMPROVEMENT SPECIALTY CONTRACTOR SHALL SUBMIT PLANS AND DESIGN CALCULATIONS PRIOR TO CONSTRUCTION FOR APPROVAL. THE PLANS SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER OR RECORD FOR CONCURRENCE THAT THEY MEET THE DESIGN INTENT NOTED IN THE PROJECT GEOTECHNICAL REPORT. THE GROUND IMPROVEMENT DESIGN PACKAGE SHALL INCLUDE QUALITY CONTROL PROCEDURES TO CONFIRM THE DESIGN BEARING CAPACITY AND LIQUEFACTION POTENTIAL MEET THE DESIGN INTENT. THE QUALITY CONTROL PROCEDURES SHALL INCLUDE AN INDICATOR MODULUS TEST (MT) PROGRAM AND A GROUND IMPROVEMENT TEST SECTION TO INDICATE PRE- AND POST- IMPROVEMENT BORINGS AND/OR CPTS ALONG WITH LIQUEFACTION ANALYSIS TO INDICATE THAT THE POST-GROUND IMPROVEMENT MEETS THE DESIGN INTENT.
2. ALL GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE PROJECT SPECIFIC GEOTECHNICAL REPORT, PROJECT NUMBER IR786, BY GROUP DELTA, DATED JUNE 15, 2022.

GENERAL GRADING NOTES

1. CONTRACTOR SHALL PROTECT IN PLACE OR ADJUST WHERE NECESSARY ALL EXISTING UTILITY LINES, WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, THAT LAY WITHIN THE LIMITS OF THE NEW CONSTRUCTION, AND ARE NOT SPECIFICALLY MARKED TO BE REMOVED OR ABANDONED.
2. FINAL MANHOLE, VALVE BOXES AND VAULTS RIM ELEVATIONS SHALL BE ADJUSTED TO MEET FINAL GRADES.
3. CONTRACTOR TO VERIFY ALL EXISTING UTILITIES THAT ARE IN CONFLICT WITH THE PROJECT PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER OF RECORD OF ANY FOUND CONFLICTS. CONTRACTOR SHALL USE A 3RD PARTY UNDERGROUND UTILITY SERVICE TO DETERMINE THE LOCATION OF ALL ELECTRICAL, WATER, SEWER, AND IRRIGATION LINES.
4. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. JOIN ELEVATIONS SHOW APPROXIMATE. NEW CONCRETE JOINS SHALL MATCH EXISTING ELEVATIONS.
6. BUILDING PAD PREPARATION REFERENCE SHEET S0.01 FOR SOIL (GROUND) IMPROVEMENTS AND SHEET S3.02 FOR ADDITIONAL REQUIRED EXCAVATION AND CERTIFIED FILL BENEATH BUILDING.
7. ALL LANDSCAPE AREAS WITHIN 10 HORIZONTAL FEET OF THE BUILDING ARE TO BE CONSTRUCTED AT A 5% MINIMUM SLOPE.

Santee — PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:01 PM

REGISTERED PROFESSIONAL ENGINEER — SARAH K. CURRAN — No. C69620 — CIVIL — STATE OF CALIFORNIA

DIGALERT 811 Call 2 Full Working Days In Advance

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20986, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY.
ELEVATION: 355.96 FEET FROM ROS 20986, FOR THE PURPOSES OF THIS SURVEY IT IS 356.05 FEET.
DATUM: NAVD88

SCALE	
HORIZ:	AS SHOW
VERT:	AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

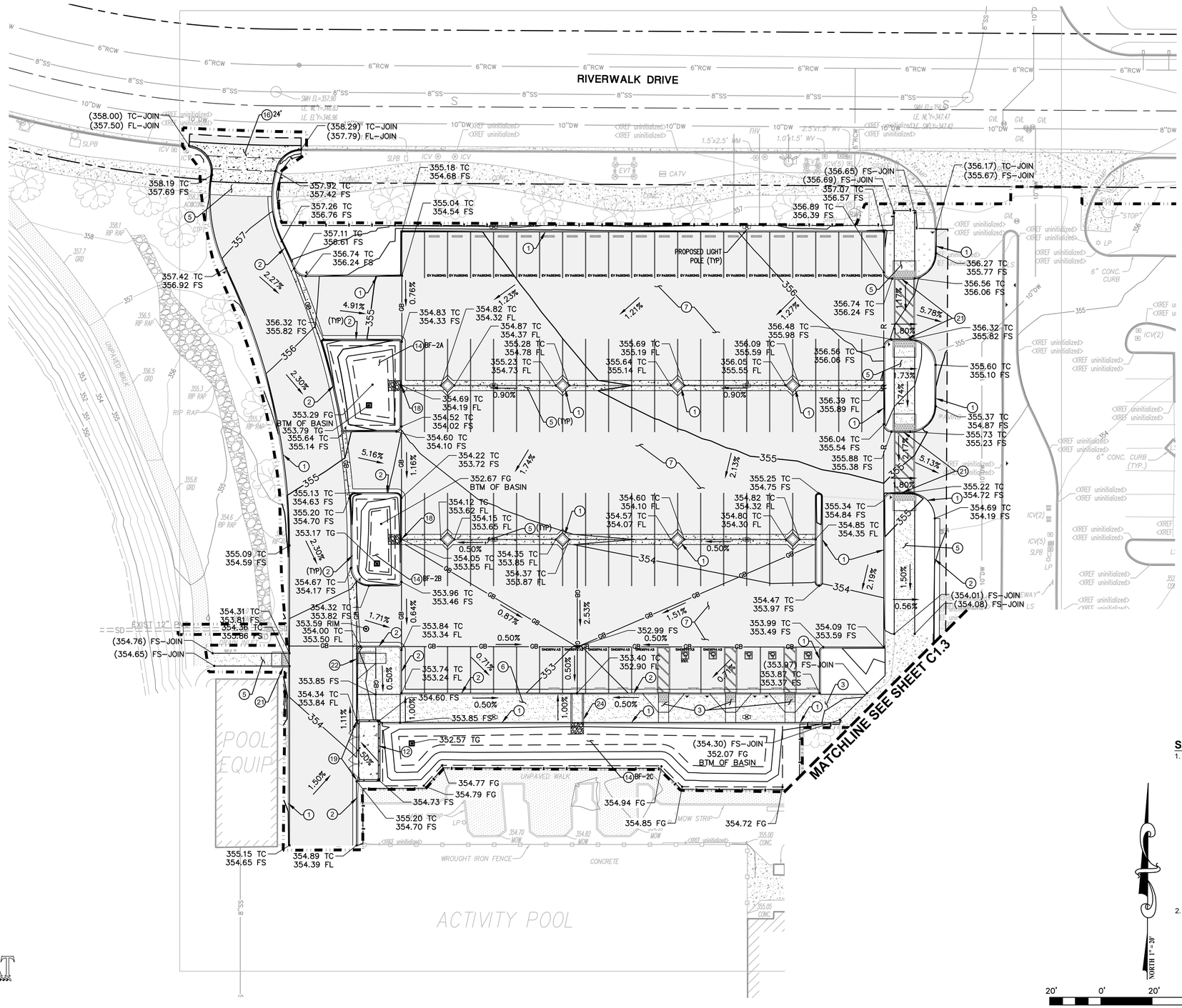
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
GRADING AND PAVING PLAN

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	C1.3
	SHEET 10 OF 294

SANTEE COMMUNITY CENTER - GRADING AND PAVING PLAN

Plotted — 3/4/2025 2:27:00 PM :: Saved — 2/24/2025 4:54:02 PM :: S:\SHM\C01010\C4D\Design\Sheets\SHMC01010-GP.DWG :: chaselawson



LEGEND

- CURB RAMP
- CONCRETE CROSS GUTTER/RIBBON GUTTER
- CATCH BASIN
- CLEANOUT
- X% SLOPE ARROW
- 500 NEW CONTOUR
- x 505.50 NEW SPOT ELEVATION
- 500 EXISTING CONTOUR (PER AERIAL SURVEY, ACCURACY OF ± 0.5')
- 000.00 EXISTING ELEVATION (PER FIELD SURVEY, ACCURACY OF ± 0.1')
- × 500.0 EXISTING SPOT ELEVATION (PER AERIAL SURVEY, ACCURACY OF ± 0.5')
- 740 NEW CONTOUR LINE
- DAYLIGHT LINE
- SAWCUT LINE
- RIDGE RIDGE LINE
- GB GRADE BREAK
- CONCRETE CURB
- CONCRETE CURB AND GUTTER
- LIMITS OF WORK
- CONCRETE VEHICULAR PAVEMENT
- AC PAVEMENT
- CONCRETE SIDEWALK

GRADING NOTES

1. CONSTRUCT CONCRETE CURB PER SDRSD G-01 6" CURB FACE UNLESS NOTED OTHERWISE.
2. CONSTRUCT CONCRETE CURB AND GUTTER PER SDRSD G-02 6" CURB FACE (UNLESS OTHERWISE NOTED), TYPE H
3. CONSTRUCT TYPE A CURB RAMP PER SDRSD G-27.
4. CONSTRUCT CROSS GUTTER PER SDRSD G-12 WIDTH PER PLANS.
5. CONSTRUCT CONCRETE SIDEWALK PER DETAIL 4 SHEET C1.10.
6. CONSTRUCT CONCRETE VEHICULAR PAVEMENT PER DETAIL 3 SHEET C1.10.
7. CONSTRUCT ASPHALT CONCRETE PAVEMENT PER DETAIL 2 SHEET C1.10.
8. CONSTRUCT FENCE PER LANDSCAPE PLAN.
9. CONSTRUCT CURB CUT WITH RIP RAP APRON PER DETAIL 2 SHEET C1.11.
10. NOT USED
11. CONSTRUCT CURBSIDE GRATED CATCH BASIN PER SPPWC STD 303-4 (SINGLE GRATE, V=2.77', t=6") WITH CASE F LOCAL DEPRESSION AT CATCH BASIN PER SPPWC STD 313-4.
12. CONSTRUCT TRASH ENCLOSURE PER ARCHITECT PLAN.
13. CONSTRUCT SEAT WALL PER LANDSCAPE PLAN.
14. CONSTRUCT BIOFILTRATION BASIN PER DETAIL 1 SHEET C1.11.
15. EXISTING PEDESTRIAN BRIDGE TO REMAIN.
16. CONSTRUCT CONCRETE DRIVEWAY (ALLEY TYPE) PER SDRSD G-14E.
17. CONSTRUCT 8" CURB WITH SIDEWALK UNDERDRAIN PER SDRSD D-27.
18. CONSTRUCT 12" CURB CUT PER DETAIL 2 ON SHEET 1 SHEET C1.11.
19. CONSTRUCT TYPE A 6" ROLLED CURB ALONG CONCRETE PAVEMENT ACCESS PER SDRSD G-4A WITH 5'-LONG CURB TRANSITION ON EACH END PER SDRSD G-04B.
20. INSTALL DEMOUNTABLE POST PER SDRSD M-16.
21. CONSTRUCT TYPE D-3 CURB RAMP PER SDRSD G-31.
22. CONSTRUCT TYPE D-2 CURB PAMP PER SDRSD G-31.
23. CONSTRUCT COBBLE ENERGY DISSIPATION PER DETAIL 4 ON SHEET C1.11.
24. CONSTRUCT SIDEWALK UNDERDRAIN PER DETAIL 5 ON SHEET C1.11.
25. ELECTRICAL EQUIPMENT. SEE MEP PLANS FOR EQUIPMENT AND PAD CONSTRUCTION DETAILS.

SPECIAL GEOTECHNICAL NOTES

1. GROUND IMPROVEMENT SPECIALTY CONTRACTOR SHALL SUBMIT PLANS AND DESIGN CALCULATIONS PRIOR TO CONSTRUCTION FOR APPROVAL. THE PLANS SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER OR RECORD FOR CONCURRENCE THAT THEY MEET THE DESIGN INTENT NOTED IN THE PROJECT GEOTECHNICAL REPORT. THE GROUND IMPROVEMENT DESIGN PACKAGE SHALL INCLUDE QUALITY CONTROL PROCEDURES TO CONFIRM THE DESIGN BEARING CAPACITY AND LIQUEFACTION POTENTIAL MEET THE DESIGN INTENT. THE QUALITY CONTROL PROCEDURES SHALL INCLUDE AN INDICATOR MODULUS TEST (MT) PROGRAM AND A GROUND IMPROVEMENT TEST SECTION TO INDICATE PRE- AND POST- IMPROVEMENT BORINGS AND/OR CPTS ALONG WITH LIQUEFACTION ANALYSIS TO INDICATE THAT THE POST-GROUND IMPROVEMENT MEETS THE DESIGN INTENT.
2. ALL GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE PROJECT SPECIFIC GEOTECHNICAL REPORT, PROJECT NUMBER IR786, BY GROUP DELTA, DATED JUNE 15, 2022.

GENERAL GRADING NOTES

1. CONTRACTOR SHALL PROTECT IN PLACE OR ADJUST WHERE NECESSARY ALL EXISTING UTILITY LINES, WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, THAT LAY WITHIN THE LIMITS OF THE NEW CONSTRUCTION, AND ARE NOT SPECIFICALLY MARKED TO BE REMOVED OR ABANDONED.
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Santee
SO RIVER & BIG EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A NorthStar Company
Approved
08/01/2025 3:22:01 PM

REGISTERED PROFESSIONAL ENGINEER
SARAH K. CURRAN
No. C69620
CIVIL
STATE OF CALIFORNIA

DIGALERT 811
Call 2 Full Working Days In Advance

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20986, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY. ELEVATION: 355.96 FEET FROM ROS 20986, FOR THE PURPOSES OF THIS SURVEY IT IS 356.05 FEET. DATUM: NAVD88

SCALE	
HORIZ:	AS SHOWN
VERT:	AS SHOWN

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
PARKING LOT GRADING AND PAVING PLAN

CITY W.O. NO. CIP 2018-31

DRAWING NO. **C1.4**
SHEET 11 OF 294

SANTEE COMMUNITY CENTER - PARKING LOT GRADING AND PAVING PLAN

Plotted = 3/4/2025 2:28:14 PM :: Saved = 2/24/2025 5:00:20 PM :: S:\SHC01010\CADD\Design\Sheets\SHC01010 - CP PARKING LOT.DWG :: chase.lawson

LEGEND

- CONCRETE CURB
- CONCRETE CURB AND GUTTER
- SAWCUT LINE
- PROPERTY LINE
- LIMITS OF WORK
- LANDSCAPE PER LANDSCAPE PLANS
- CONCRETE VEHICULAR PAVEMENT
- AC PAVEMENT
- CONCRETE SIDEWALK

MATCHLINE SEE SHEET C1.6

CAMERON FAMILY YMCA

COMMUNITY CENTER

WOODGLEN VISTA CREEK

N74° 59' 44.68"E 59.93

NORTH 1" = 20'

20' 0' 20' 40' 60'

GRAPHIC SCALE
1 INCH = 20 FEET

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

Approved
08/01/2025 3:22:01 PM

811
Call 2 Full Working Days In Advance

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

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SCALE
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DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
HORIZONTAL CONTROL PLAN

CITY W.O. NO. CIP 2018-31

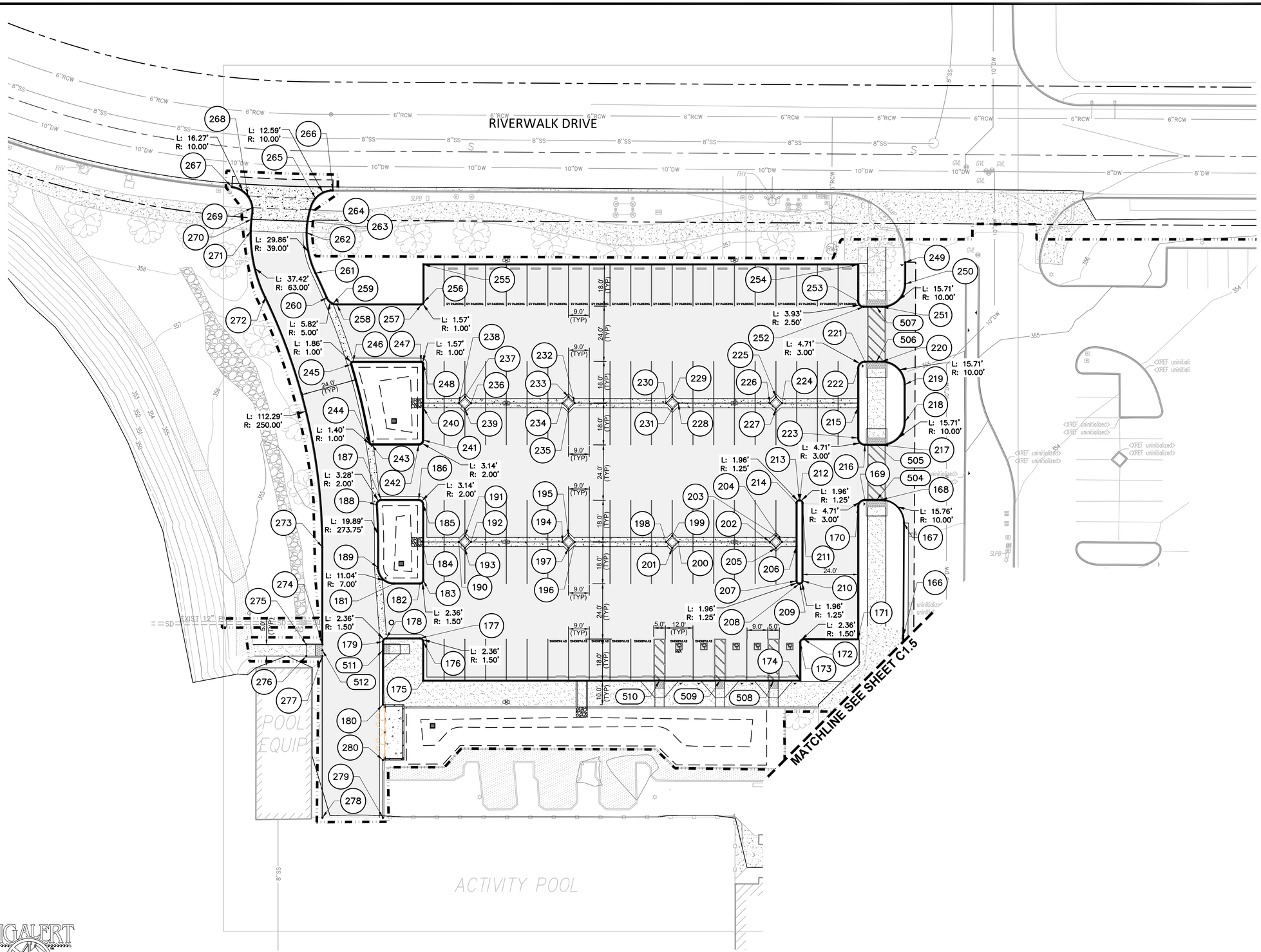
DRAWING NO. C1.5

SHEET 12 OF 294

REGISTERED PROFESSIONAL ENGINEER SARAH K. CURRAN No. C69620 CIVIL STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - HORIZONTAL CONTROL PLAN

Plotted = 3/4/2025 2:29:27 PM :: Saved = 2/14/2025 3:35:44 PM :: S:\SHMC010100\CADD\Design\Sheets\SHMC010100-HC.DWG :: chase.lawson



LEGEND

- CONCRETE CURB
- CONCRETE CURB AND GUTTER
- SAWCUT LINE
- PROPERTY LINE
- LIMITS OF WORK
- LANDSCAPE PER LANDSCAPE PLANS
- CONCRETE VEHICULAR PAVEMENT
- AC PAVEMENT
- CONCRETE SIDEWALK

NORTH 1" = 20'

20' 0' 20' 40' 60'

GRAPHIC SCALE
1 INCH = 20 FEET

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:01 PM

REGISTERED PROFESSIONAL ENGINEER
SARAH K. CURRAN
No. C69620
CIVIL
STATE OF CALIFORNIA

DIGALERT 811
Call 2 Full Working Days In Advance

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
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SCALE	
HORIZ:	AS SHOW
VERT:	AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
PARKING LOT HORIZONTAL CONTROL PLAN

CITY W.O. NO. CIP 2018-31

DRAWING NO. **C1.6**

SHEET 13 OF 294

SANTEE COMMUNITY CENTER - PARKING LOT HORIZONTAL CONTROL PLAN

Plotted = 3/4/2025 2:30:32 PM :: Saved = 1/18/2024 1:52:13 PM :: S:\SHM\C010100\CADD\Design\Sheets\SHMC010100-HC PARKING LOT.DWG :: chase.lawson

SHEET C1.5 POINT TABLES

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
100	1890106.64	6338566.13
101	1890115.91	6338563.64
102	1890119.79	6338556.91
103	1890104.27	6338499.03
104	1890104.27	6338396.38
105	1890139.27	6338361.38
106	1890142.10	6338361.38
107	1890142.11	6338343.40
108	1890214.23	6338343.38
109	1890214.23	6338360.05
110	1890215.42	6338361.30
111	1890222.58	6338358.11
112	1890224.57	6338352.54
113	1890224.71	6338302.82
114	1890206.06	6338275.08
115	1890113.68	6338592.74
116	1890123.67	6338590.06
117	1890128.53	6338592.74
118	1890131.03	6338600.78
119	1890131.04	6338606.08

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
120	1890134.86	6338606.11
121	1890158.86	6338606.26
122	1890223.00	6338607.02
123	1890160.23	6338562.08
124	1890157.84	6338562.08
125	1890148.18	6338554.67
126	1890142.20	6338532.38
127	1890147.03	6338526.08
128	1890151.23	6338526.08
129	1890151.23	6338542.08
130	1890160.23	6338544.08
131	1890142.11	6338501.08
132	1890137.83	6338501.08
133	1890132.83	6338496.09
134	1890132.78	6338469.98
135	1890137.78	6338464.97
136	1890142.11	6338464.97
137	1890142.10	6338439.97
138	1890137.72	6338439.97
139	1890132.72	6338434.98

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
140	1890132.70	6338419.03
141	1890140.84	6338400.52
142	1890142.10	6338401.08
143	1890215.03	6338562.01
144	1890214.23	6338561.62
145	1890214.23	6338526.08
146	1890219.88	6338526.08
147	1890224.88	6338531.08
148	1890224.88	6338542.14
149	1890214.23	6338501.08
150	1890219.79	6338501.08
151	1890224.79	6338496.08
152	1890224.79	6338469.97
153	1890219.79	6338464.97
154	1890214.23	6338464.97
155	1890214.23	6338439.97
156	1890219.70	6338439.97
157	1890224.70	6338434.97
158	1890224.70	6338419.88
159	1890216.27	6338401.17

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
160	1890215.07	6338400.10
161	1890214.23	6338400.48
162	1890194.25	6338268.38
163	1890187.39	6338260.36
164	1890182.95	6338227.77
165	1890208.94	6338201.95
281	1890145.34	6338544.08

CENTER OF CURB RAMP COORDINATES		
POINT #	NORTHING	EASTING
500	1890153.35	6338343.40
501	1890176.60	6338343.40
502	1890199.73	6338343.39
503	1890224.54	6338334.13

BLDG/WALL COORDINATES		
POINT #	NORTHING	EASTING
400	1890128.11	6338354.89
401	1890121.11	6338354.89
402	1890115.77	6338354.89
403	1890105.77	6338354.89
404	1890092.52	6338337.40
405	1890092.52	6338349.40
406	1890092.52	6338356.15
407	1890092.52	6338372.15
408	1890092.52	6338379.06
409	1890092.52	6338391.06
410	1890087.48	6338415.14
411	1890092.25	6338432.93
412	1890086.35	6338441.41
413	1890088.92	6338451.02
414	1890089.44	6338452.95
415	1890092.54	6338464.54
416	1890093.06	6338466.47
417	1890094.10	6338470.34
418	1890094.61	6338472.27
419	1890095.94	6338477.21

BLDG/WALL COORDINATES		
POINT #	NORTHING	EASTING
427	1890099.52	6338523.80
435	1890024.66	6338351.48
440	1890009.98	6338337.56
441	1890003.98	6338337.56
442	1890001.73	6338339.81
443	1890001.73	6338353.81
444	1890001.73	6338359.81
445	1890001.73	6338374.03
446	1890001.73	6338380.03
447	1890001.73	6338392.15
448	1890003.98	6338394.40
449	1890009.98	6338394.40
450	1890030.64	6338424.69
451	1890020.98	6338427.28
452	1890011.58	6338429.80
453	1890001.93	6338432.38
454	1890000.88	6338429.56
455	1889998.16	6338419.39
456	1889987.58	6338422.23
457	1889992.26	6338439.70

BLDG/WALL COORDINATES		
POINT #	NORTHING	EASTING
458	1889977.15	6338443.75
459	1890052.40	6338536.43
460	1890070.73	6338604.91
463	1890095.50	6338524.88
464	1889973.43	6338326.48
465	1889965.43	6338326.48
466	1889965.43	6338314.40
467	1890006.93	6338314.40
468	1890019.43	6338317.40
469	1890045.43	6338320.40
470	1890045.43	6338322.90
471	1890097.27	6338322.90
472	1890097.27	6338315.41
473	1890126.18	6338315.41
474	1890126.18	6338322.90
475	1890167.03	6338322.90
476	1890175.03	6338322.90
477	1890224.02	6338322.90

SHEET C1.6 POINT TABLES

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
166	1890220.21	6338200.78
167	1890269.07	6338201.04
168	1890279.12	6338191.04
169	1890279.12	6338184.10
170	1890276.12	6338181.10
171	1890218.71	6338181.10
172	1890218.71	6338157.45
173	1890217.21	6338155.95
174	1890200.72	6338155.95
175	1890200.71	6337992.49
176	1890217.57	6337992.49
177	1890219.07	6337990.99
178	1890219.07	6337976.41
179	1890217.57	6337974.91
180	1890190.22	6337974.91
181	1890242.71	6337979.74
182	1890242.71	6337990.99
183	1890244.21	6337992.49
184	1890258.84	6337992.49
185	1890277.12	6337992.49
186	1890279.12	6337990.49
187	1890279.12	6337974.17

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
188	1890276.99	6337972.18
189	1890249.75	6337972.74
190	1890260.84	6338007.84
191	1890263.48	6338010.49
192	1890260.84	6338013.13
193	1890258.19	6338010.49
194	1890260.84	6338052.84
195	1890263.48	6338055.49
196	1890260.84	6338058.13
197	1890258.19	6338055.49
198	1890260.84	6338097.84
199	1890263.48	6338100.49
200	1890260.84	6338103.13
201	1890258.19	6338100.49
202	1890260.84	6338142.84
203	1890263.48	6338145.49
204	1890260.84	6338148.13
205	1890258.19	6338145.49
206	1890258.84	6338154.36
207	1890243.96	6338154.36
208	1890242.71	6338155.61
209	1890242.71	6338155.84

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
210	1890243.96	6338157.09
211	1890277.71	6338157.09
212	1890278.96	6338155.84
213	1890278.96	6338155.61
214	1890277.71	6338154.36
215	1890319.09	6338181.10
216	1890302.96	6338184.10
217	1890302.96	6338191.44
218	1890312.96	6338201.44
219	1890329.15	6338201.44
220	1890339.15	6338191.44
221	1890339.15	6338184.10
222	1890336.15	6338181.10
223	1890305.96	6338181.10
224	1890321.09	6338148.13
225	1890323.73	6338145.49
226	1890321.09	6338142.84
227	1890318.44	6338145.49
228	1890321.09	6338103.13
229	1890323.73	6338100.49
230	1890321.09	6338097.84
231	1890318.44	6338100.49

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
232	1890321.09	6338058.13
233	1890323.73	6338055.49
234	1890321.09	6338052.84
235	1890318.44	6338055.49
236	1890321.09	6338013.13
237	1890323.73	6338010.49
238	1890321.09	6338007.84
239	1890318.44	6338010.49
240	1890319.09	6337992.49
241	1890305.02	6337992.49
242	1890303.02	6337990.49
243	1890303.02	6337969.99
244	1890303.86	6337969.01
245	1890337.86	6337961.05
246	1890339.15	6337962.00
247	1890339.15	6337991.49
248	1890338.15	6337992.49
249	1890382.27	6338201.65
250	1890372.81	6338201.60
251	1890362.86	6338191.55
252	1890362.87	6338183.60
253	1890365.37	6338181.10

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
254	1890381.21	6338181.10
255	1890381.21	6337992.61
256	1890364.84	6337992.61
257	1890363.84	6337991.61
258	1890363.84	6337955.04
259	1890364.19	6337953.21
260	1890366.86	6337950.45
261	1890377.49	6337945.61
262	1890395.04	6337941.74
263	1890400.05	6337942.15
264	1890405.04	6337943.21
265	1890410.02	6337945.64
266	1890413.45	6337953.22
267	1890414.93	6337909.28
268	1890411.05	6337916.34
269	1890405.92	6337918.35
270	1890400.93	6337917.97
271	1890395.82	6337917.65
272	1890367.08	6337923.88
273	1890258.53	6337948.68
274	1890216.32	6337948.68
275	1890216.32	6337941.68

CURB/EP COORDINATES		
POINT #	NORTHING	EASTING
276	1890211.33	6337941.68
277	1890211.33	6337948.68
278	1890141.15	6337948.68
279	1890141.13	6337974.91
280	1890166.22	6337974.91

CENTER OF CURB RAMP COORDINATES		
POINT #	NORTHING	EASTING
504	1890279.12	6338189.19
505	1890302.96	6338189.19
506	1890339.15	6338189.19
507	1890362.87	6338189.19
508	1890200.72	6338144.45
509	1890200.72	6338121.20
510	1890200.71	6338094.95
511	1890213.83	6337974.91
512	1890213.82	6337948.68

Santee
LIVE WORK PLAY EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A GeoTrust Company
Approved
08/01/2025 3:22:01 PM

DIGALERT
811
Call 2 Full Working Days In Advance

REGISTERED PROFESSIONAL ENGINEER
SARAH K. CURRAN
CIVIL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20886, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY.
ELEVATION: 355.96 FEET FROM ROS 20986, FOR THE PURPOSES OF THIS SURVEY IT IS 356.05 FEET.
DATUM: NAVD88

SCALE
HORIZ: AS SHOW
VERT: AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

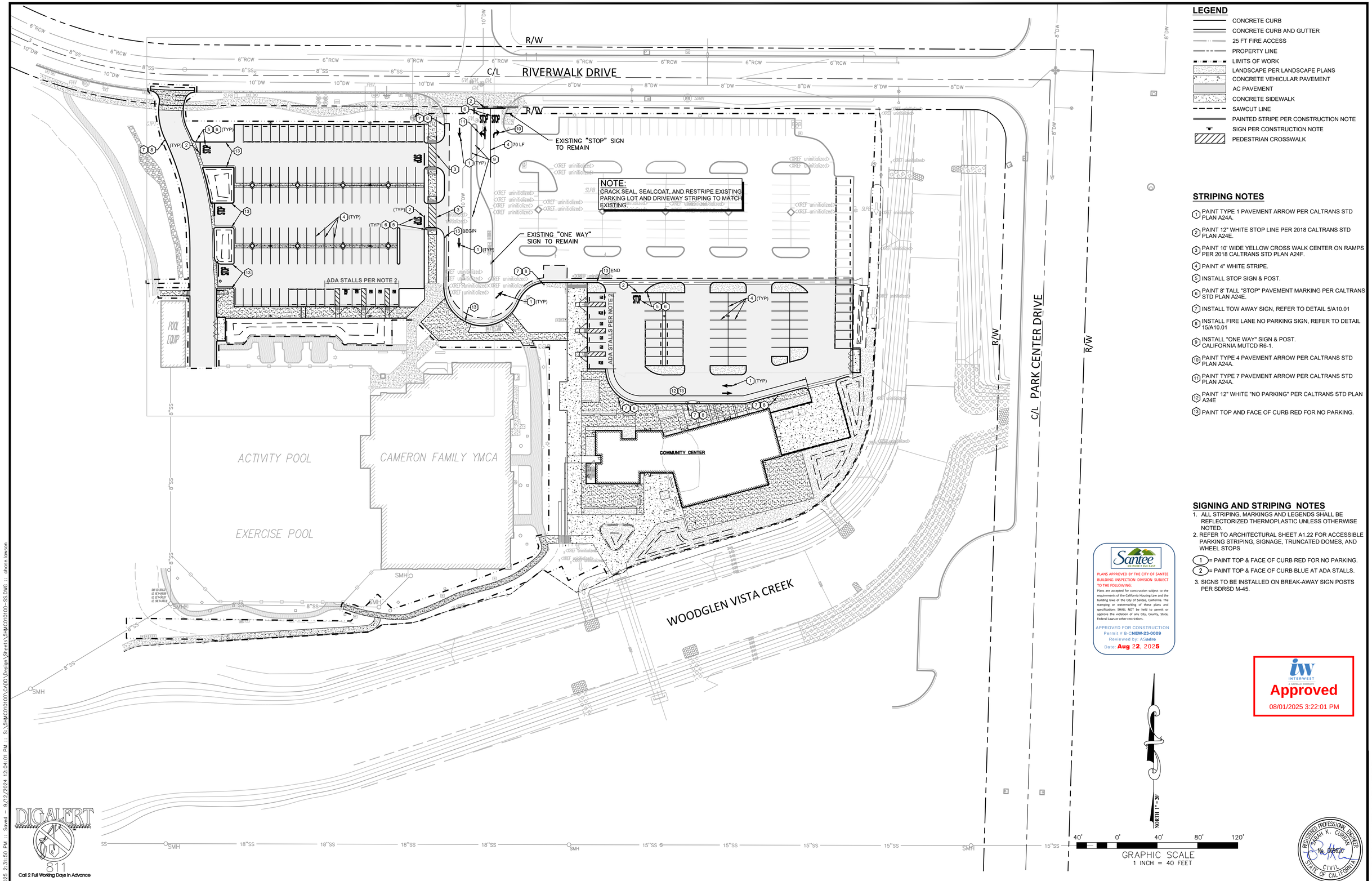
CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
HORIZONTAL CONTROL PLAN

CITY W.O. NO. CIP 2018-31

DRAWING NO. **C1.7**
SHEET 14 OF 294

SANTEE COMMUNITY CENTER - HORIZONTAL CONTROL PLAN

Plotted: 3/4/2025 2:30:47 PM :: Saved: 1/18/2024 1:51:08 PM :: S:\SHMC01010(X)\CADD\Design\Sheets\SHMC010100-HC TABLES.DWG :: chase.lawson



LEGEND

- CONCRETE CURB
- CONCRETE CURB AND GUTTER
- 25 FT FIRE ACCESS
- PROPERTY LINE
- LIMITS OF WORK
- LANDSCAPE PER LANDSCAPE PLANS
- CONCRETE VEHICULAR PAVEMENT
- AC PAVEMENT
- CONCRETE SIDEWALK
- SAWCUT LINE
- PAINTED STRIPE PER CONSTRUCTION NOTE
- SIGN PER CONSTRUCTION NOTE
- PEDESTRIAN CROSSWALK

STRIPING NOTES

1. PAINT TYPE 1 PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
2. PAINT 12" WHITE STOP LINE PER 2018 CALTRANS STD PLAN A24E.
3. PAINT 10' WIDE YELLOW CROSS WALK CENTER ON RAMPS PER 2018 CALTRANS STD PLAN A24F.
4. PAINT 4" WHITE STRIPE.
5. INSTALL STOP SIGN & POST.
6. PAINT 8' TALL "STOP" PAVEMENT MARKING PER CALTRANS STD PLAN A24E.
7. INSTALL TOW AWAY SIGN, REFER TO DETAIL 5/A10.01
8. INSTALL FIRE LANE NO PARKING SIGN, REFER TO DETAIL 15/A10.01
9. INSTALL "ONE WAY" SIGN & POST. CALIFORNIA MUTCD R6-1.
10. PAINT TYPE 4 PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
11. PAINT TYPE 7 PAVEMENT ARROW PER CALTRANS STD PLAN A24A.
12. PAINT 12" WHITE "NO PARKING" PER CALTRANS STD PLAN A24E
13. PAINT TOP AND FACE OF CURB RED FOR NO PARKING.

SIGNING AND STRIPING NOTES

1. ALL STRIPING, MARKINGS AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. REFER TO ARCHITECTURAL SHEET A1.22 FOR ACCESSIBLE PARKING STRIPING, SIGNAGE, TRUNCATED DOMES, AND WHEEL STOPS

(1) = PAINT TOP & FACE OF CURB RED FOR NO PARKING.
(2) = PAINT TOP & FACE OF CURB BLUE AT ADA STALLS.

3. SIGNS TO BE INSTALLED ON BREAK-AWAY SIGN POSTS PER SDRSD M-45.

Santee
CITY OF TREES & TRAILS

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A NelsonNygaard COMPANY
Approved
08/01/2025 3:22:01 PM

REGISTERED PROFESSIONAL ENGINEER
SARAH K. CURRAN
No. C69620
CIVIL
STATE OF CALIFORNIA

DIGALERT 811
Call 2 Full Working Days In Advance

CONTRACTOR
INSPECTOR
DATE COMPLETED

CONSTRUCTION REVISIONS	REFERENCE	DATE	BY	DESCRIPTION	ISSUED
	CIP 2002-31				

THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20986, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY.
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DATUM: NAVD88

SCALE
HORIZ: AS SHOW
VERT: AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

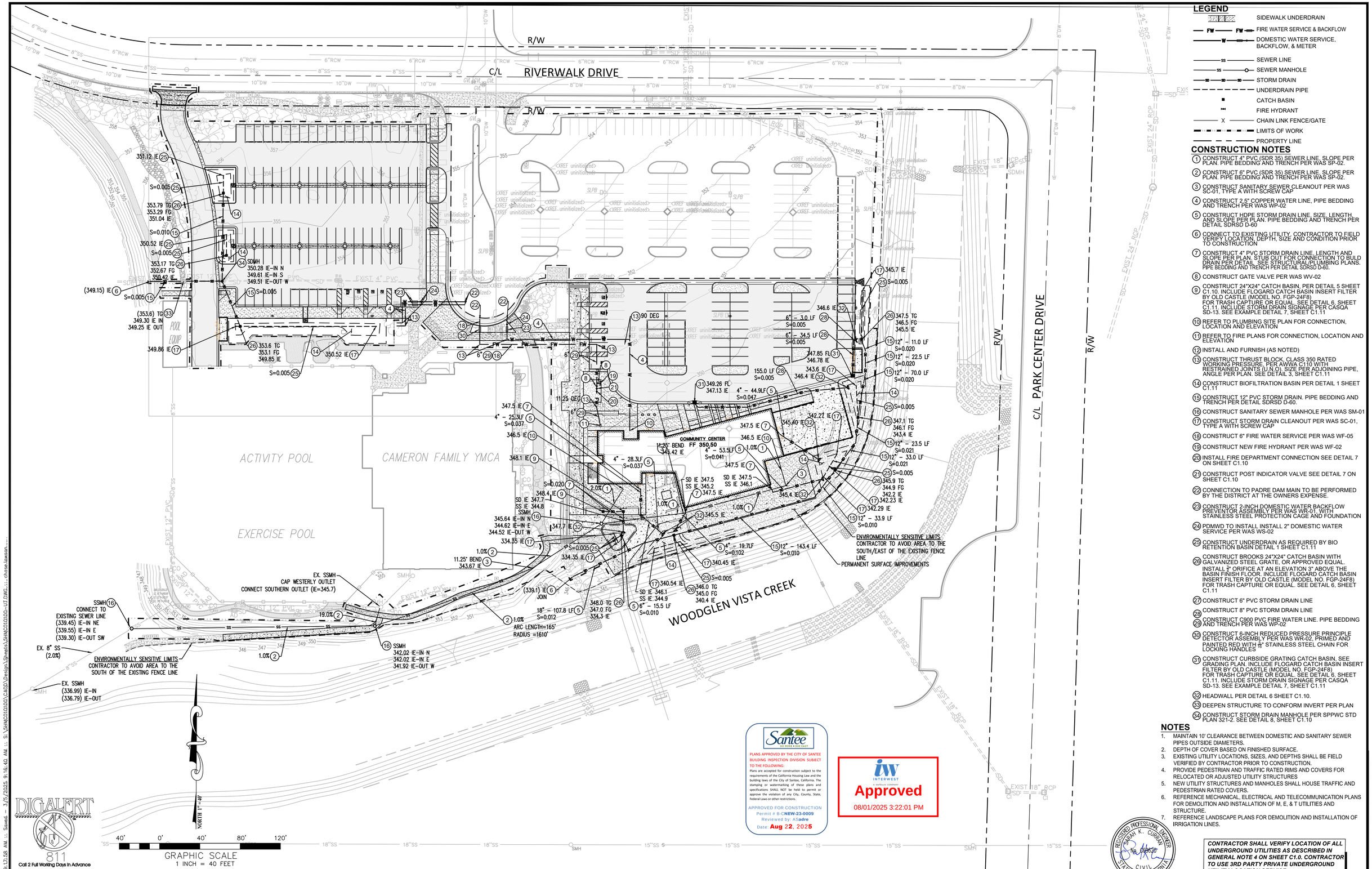
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
TRAFFIC SIGNAGE AND STRIPING PLAN

CITY W.O. NO. CIP 2018-31
DRAWING NO. C1.8
SHEET 15 OF 294

SANTEE COMMUNITY CENTER - TRAFFIC SIGNAGE AND STRIPING PLAN

Plotted = 3/4/2025 2:31:50 PM :: Saved = 9/12/2024 12:04:01 PM :: S:\SHC\C1010\C4DD\Design\Sheets\SHWC010100--SS.DWG :: chase.lawson



LEGEND

- SIDEWALK UNDERDRAIN
- FW — FW — FIRE WATER SERVICE & BACKFLOW
- W — W — DOMESTIC WATER SERVICE, BACKFLOW, & METER
- SS — SEWER LINE
- SS — SEWER MANHOLE
- SD — SD — SD — STORM DRAIN
- UNDERDRAIN PIPE
- CATCH BASIN
- FIRE HYDRANT
- X — CHAIN LINK FENCE/GATE
- LIMITS OF WORK
- PROPERTY LINE

CONSTRUCTION NOTES

1. CONSTRUCT 4" PVC (SDR 35) SEWER LINE, SLOPE PER PLAN. PIPE BEDDING AND TRENCH PER WAS SP-02.
2. CONSTRUCT 6" PVC (SDR 35) SEWER LINE, SLOPE PER PLAN. PIPE BEDDING AND TRENCH PER WAS SP-02.
3. CONSTRUCT SANITARY SEWER CLEANOUT PER WAS SC-01, TYPE A WITH SCREW CAP
4. CONSTRUCT 2.5" COPPER WATER LINE, PIPE BEDDING AND TRENCH PER WAS WP-02
5. CONSTRUCT HDPE STORM DRAIN LINE, SIZE, LENGTH, AND SLOPE PER PLAN. PIPE BEDDING AND TRENCH PER DETAIL SDRSD D-60
6. CONNECT TO EXISTING UTILITY. CONTRACTOR TO FIELD VERIFY LOCATION, DEPTH, SIZE AND CONDITION PRIOR TO CONSTRUCTION
7. CONSTRUCT 4" PVC STORM DRAIN LINE, LENGTH AND SLOPE PER PLAN. STUB OUT FOR CONNECTION TO BULD DRAIN PER DETAIL. SEE STRUCTURAL/PLUMBING PLANS. PIPE BEDDING AND TRENCH PER DETAIL SDRSD D-60.
8. CONSTRUCT GATE VALVE PER WAS WV-02
9. CONSTRUCT 24"X24" CATCH BASIN, PER DETAIL 5 SHEET C1.10. INCLUDE FLOGARD CATCH BASIN INSERT FILTER BY OLD CASTLE (MODEL NO. FGP-24F8) FOR TRASH CAPTURE OR EQUAL. SEE DETAIL 6, SHEET C1.11. INCLUDE STORM DRAIN SIGNAGE PER CASQA SD-13. SEE EXAMPLE DETAIL 7, SHEET C1.11
10. REFER TO PLUMBING SITE PLAN FOR CONNECTION, LOCATION AND ELEVATION
11. REFER TO FIRE PLANS FOR CONNECTION, LOCATION AND ELEVATION
12. INSTALL AND FURNISH (AS NOTED)
13. CONSTRUCT THRUST BLOCK, CLASS 350 RATED WORKING PRESSURE, PER AWWA C110 WITH RESTRAINED JOINTS (U.N.O). SIZE PER ADJOINING PIPE, ANGLE PER PLAN. SEE DETAIL 3, SHEET C1.11
14. CONSTRUCT BIOFILTRATION BASIN PER DETAIL 1 SHEET C1.11
15. CONSTRUCT 12" PVC STORM DRAIN. PIPE BEDDING AND TRENCH PER DETAIL SDRSD D-60.
16. CONSTRUCT SANITARY SEWER MANHOLE PER WAS SM-01
17. CONSTRUCT STORM DRAIN CLEANOUT PER WAS SC-01, TYPE A WITH SCREW CAP
18. CONSTRUCT 6" FIRE WATER SERVICE PER WAS WF-05
19. CONSTRUCT NEW FIRE HYDRANT PER WAS WF-02
20. INSTALL FIRE DEPARTMENT CONNECTION SEE DETAIL 7 ON SHEET C1.10
21. CONSTRUCT POST INDICATOR VALVE SEE DETAIL 7 ON SHEET C1.10
22. CONNECTION TO PADRE DAM MAIN TO BE PERFORMED BY THE DISTRICT AT THE OWNERS EXPENSE.
23. CONSTRUCT 2-INCH DOMESTIC WATER BACKFLOW PREVENTOR ASSEMBLY PER WAS WR-01 WITH STAINLESS STEEL PROTETION CAGE AND FOUNDATION
24. PDMWD TO INSTALL INSTALL 2" DOMESTIC WATER SERVICE PER WAS WS-02
25. CONSTRUCT UNDERDRAIN AS REQUIRED BY BIO RETENTION BASIN DETAIL 1 SHEET C1.11
26. CONSTRUCT BROOKS 24"X24" CATCH BASIN WITH GALVANIZED STEEL GRATE, OR APPROVED EQUAL. INSTALL 3" ORIFICE AT AN ELEVATION 3" ABOVE THE BASIN FINISH FLOOR. INCLUDE FLOGARD CATCH BASIN INSERT FILTER BY OLD CASTLE (MODEL NO. FGP-24F8) FOR TRASH CAPTURE OR EQUAL. SEE DETAIL 6, SHEET C1.11
27. CONSTRUCT 6" PVC STORM DRAIN LINE
28. CONSTRUCT 8" PVC STORM DRAIN LINE
29. CONSTRUCT C900 PVC FIRE WATER LINE. PIPE BEDDING AND TRENCH PER WAS WP-02
30. CONSTRUCT 6-INCH REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY PER WAS WR-02, PRIMED AND PAINTED RED WITH 18" STAINLESS STEEL CHAIN FOR LOCKING HANDLES
31. CONSTRUCT CURBSIDE GRATING CATCH BASIN, SEE GRADING PLAN. INCLUDE FLOGARD CATCH BASIN INSERT FILTER BY OLD CASTLE (MODEL NO. FGP-24F8) FOR TRASH CAPTURE OR EQUAL. SEE DETAIL 6, SHEET C1.11. INCLUDE STORM DRAIN SIGNAGE PER CASQA SD-13. SEE EXAMPLE DETAIL 7, SHEET C1.11
32. HEADWALL PER DETAIL 6 SHEET C1.10.
33. DEEPEN STRUCTURE TO CONFORM INVERT PER PLAN
34. CONSTRUCT STORM DRAIN MANHOLE PER SPPWC STD PLAN 321-2. SEE DETAIL 8, SHEET C1.10

NOTES

1. MAINTAIN 10' CLEARANCE BETWEEN DOMESTIC AND SANITARY SEWER PIPES OUTSIDE DIAMETERS.
2. DEPTH OF COVER BASED ON FINISHED SURFACE.
3. EXISTING UTILITY LOCATIONS, SIZES, AND DEPTHS SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
4. PROVIDE PEDESTRIAN AND TRAFFIC RATED RIMS AND COVERS FOR RELOCATED OR ADJUSTED UTILITY STRUCTURES
5. NEW UTILITY STRUCTURES AND MANHOLES SHALL HOUSE TRAFFIC AND PEDESTRIAN RATED COVERS.
6. REFERENCE MECHANICAL, ELECTRICAL AND TELECOMMUNICATION PLANS FOR DEMOLITION AND INSTALLATION OF M, E, & T UTILITIES AND STRUCTURE.
7. REFERENCE LANDSCAPE PLANS FOR DEMOLITION AND INSTALLATION OF IRRIGATION LINES.

CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES AS DESCRIBED IN GENERAL NOTE 4 ON SHEET C1.0. CONTRACTOR TO USE 3RD PARTY PRIVATE UNDERGROUND UTILITY LOCATION SERVICE.

DIGALERT 811 Call 2 Full Working Days in Advance

Santee — PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING: Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — Approved 08/01/2025 3:22:01 PM

REGISTERED PROFESSIONAL ENGINEER SARAH K. CURRAN No. C69620 CIVIL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20986, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY. ELEVATION: 355.96 FEET FROM ROS 20986, FOR THE PURPOSES OF THIS SURVEY IT IS 356.05 FEET. DATUM: NAVD88

SCALE
HORIZ: AS SHOW
VERT: AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

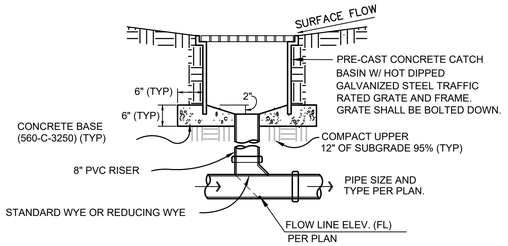
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
CIVIL UTILITY PLAN

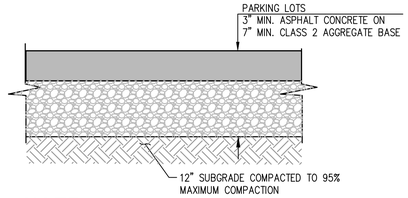
CITY W.O. NO. CIP 2018-31
DRAWING NO. C1.9
SHEET 16 OF 294

SANTEE COMMUNITY CENTER - CIVIL UTILITY PLAN

Plotted: 3/5/2025 9:17:58 AM :: Saved: 3/5/2025 9:16:40 AM :: S:\SiteCOM\01000\CADD\Design\Sheets\SANCO1010D-UTDWG.:: chosa.lawson...



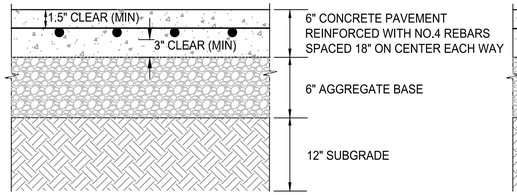
CATCH BASIN DETAIL 5 C1.10
N.T.S.



NOTE:

1. AC STRUCTURAL SECTIONS ARE FOR ESTIMATING PURPOSES ONLY AND SHALL BE BASED ON SUBGRADE TESTS BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF BASE MATERIAL.
2. OVER EXCAVATE AND RECOMPACT 1-FT BELOW PAVEMENT SECTION PER GEOTECHNICAL REPORT.

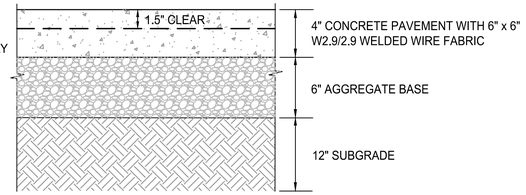
ASPHALT PAVEMENT DETAIL 2 C1.10
N.T.S.



NOTE:

1. OVER EXCAVATE AND RECOMPACT 1-FT BELOW PAVEMENT SECTION PER GEOTECHNICAL REPORT.

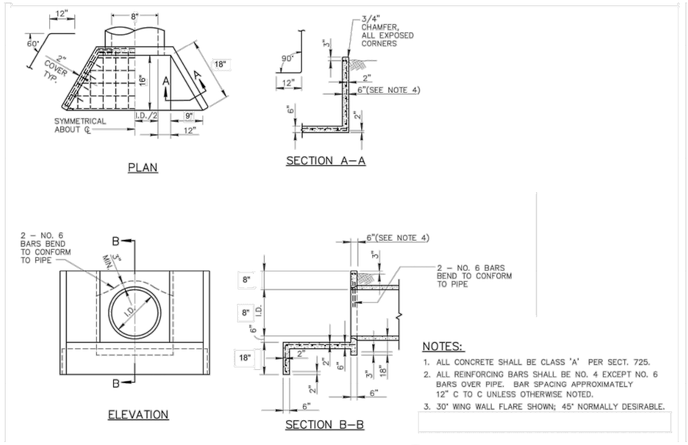
CONCRETE VEHICULAR PAVEMENT DETAIL 3 C1.10
N.T.S.



NOTE:

1. OVER EXCAVATE AND RECOMPACT 1-FT BELOW PAVEMENT SECTION PER GEOTECHNICAL REPORT.

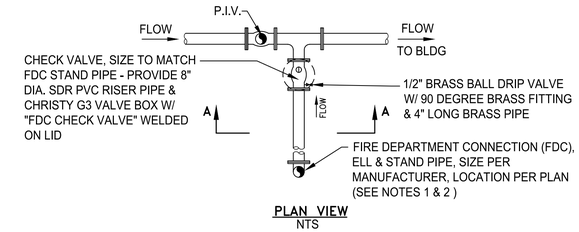
CONCRETE WALK DETAIL 4 C1.10
N.T.S.



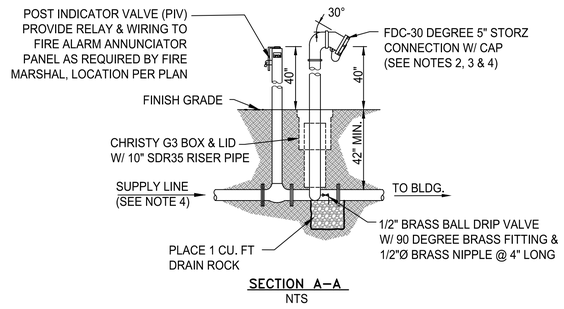
NOTES:

1. ALL CONCRETE SHALL BE CLASS 'A' PER SECT. 725.
2. ALL REINFORCING BARS SHALL BE NO. 4 EXCEPT NO. 6 BARS OVER PIPE. BAR SPACING APPROXIMATELY 12" C TO C UNLESS OTHERWISE NOTED.
3. 30° WING WALL FLARE SHOWN; 45° NORMALLY DESIRABLE.

8" HEADWALL 6 C1.10
N.T.S.



PLAN VIEW
NTS



SECTION A–A
NTS

NOTES:

1. FIRE MARSHAL SHALL SPECIFY LOCATION OF FIRE DEPARTMENT CONNECTION (FDC). CLEARANCE AROUND FDC SHALL BE 3 FEET RIGHT, LEFT, REAR, AND 20 FEET IN FRONT.
2. A METAL SIGN WITH RAISED LETTERS AT LEAST 1 INCH IN SIZE SHALL BE MOUNTED ON ALL FIRE DEPARTMENT CONNECTIONS SERVICING AUTO SPRINKLERS, STANDPIPES OR FIRE PUMPS. SUCH SIGNS SHALL READ "AUTO SPRINKLER", "STANDPIPE", OR "TEST CONNECTION" AS APPLICABLE. WHERE THE FDC DOES NOT SERVE THE ENTIRE BUILDING A SIGN SHALL BE PROVIDED INDICATING THE PORTIONS OF THE BUILDING TO BE SERVED.
3. FIRE PROTECTION FACILITIES ARE OWNED AND MAINTAINED BY THE CUSTOMER.
4. ASSEMBLIES AND PIPING ON FIRE LINES SHALL BE FM/UL AND CONFORM TO THE APPLICABLE NFPA. THRUST BLOCKING AND/OR MECHANICAL RESTRAINTS SHALL BE PROVIDED AS NECESSARY.
5. STANDPIPE MATERIALS AND DEVICES MUST BE OF SUFFICIENT STRENGTH TO WITHSTAND A MINIMUM OF 200 PSI.
6. ALL FERROUS MATERIAL PRODUCTS THAT WILL INTERACT WITH THE SOIL WHEN INSTALLED SHALL BE PROPERLY COATED FOR CORROSION PROTECTION PER GEOTECH REPORT.

FIRE DEPARTMENT CONNECTION AND POST INDICATOR VALVE DETAIL 7 C1.10
N.T.S.

Santee — DO MORE • DUE EAST

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:01 PM

REGISTERED PROFESSIONAL ENGINEER — SARAH K. CURRAN — No. C69620 — CIVIL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20986, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY
ELEVATION: 355.96 FEET FROM ROS 20986, FOR THE PURPOSES OF THIS SURVEY IT IS 356.05 FEET.
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SCALE	
HORIZ:	AS SHOW
VERT:	AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN — DATE 04/04/2025
RCE NO. C69620 — EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

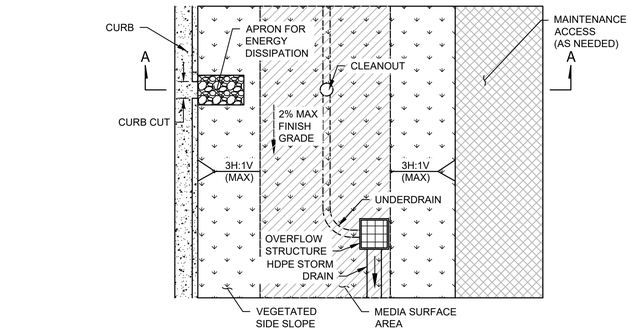
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
CIVIL DETAILS

CITY W.O. NO. CIP 2018-31

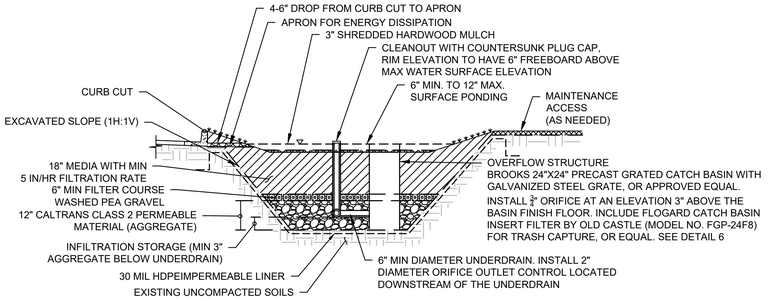
DRAWING NO. **C1.10**
SHEET 17 OF 294

SANTEE COMMUNITY CENTER - CIVIL DETAILS

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PLAN



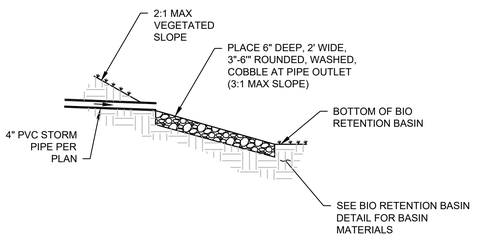
SECTION A-A

BIOFILTRATION PROTECTION DURING CONSTRUCTION:

1. PREVENT OVER-COMPACTION OF NATIVE SOILS IN AREAS OF THE BASIN WHERE INFILTRATION WILL OCCUR. DELINEATE THE BIOFILTRATION AREA AND KEEP CONSTRUCTION TRAFFIC OFF. PROTECT SOILS WITH FENCING, PLYWOOD, ETC.
2. PROVIDE EROSION CONTROL IN THE CONTRIBUTING DRAINAGE AREAS OF THE DESIGNATED BIOFILTRATION AREA. STABILIZE UPSLOPE AREAS.
3. DRAINAGE SHOULD BE DIRECTED AWAY FROM BIORETENTION FACILITIES UNTIL UPSLOPE AREAS ARE STABILIZED. THE CONCENTRATION OF FINES COULD PREVENT POST-CONSTRUCTION INFILTRATION AND CAUSE DESIGN FAILURE.
4. IF DRAINAGE IS TO BE ALLOWED THROUGH THE FACILITY DURING CONSTRUCTION LEAVE OR BACKFILL AT LEAST 6 INCHES ABOVE THE FINAL GRADE. TEMPORARILY COVER THE UNDERDRAIN WITH PLASTIC OR FABRIC. LINE OR MULCH THE BIOFILTRATION AREA.
5. BIORETENTION FACILITIES SHOULD REMAIN OUTSIDE THE LIMIT OF DISTURBANCE TO PREVENT SOIL COMPACTION BY HEAVY EQUIPMENT. PROTECT BIORETENTION AREAS WITH SILT FENCE AND CONSTRUCTION FENCING.
6. VERIFY INSTALLATION OF UNDERDRAIN IS CORRECT PRIOR TO PLACING SOIL.

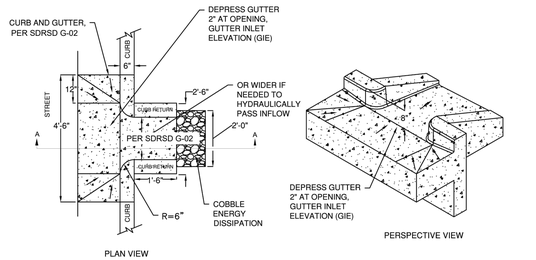
BIOFILTRATION BASIN DETAIL 1 C1.11

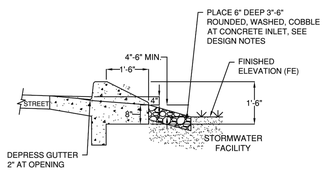
N.T.S.



COBBLE ENERGY DISSIPATION AT STORM PIPE OUTLETS 4 C1.11

N.T.S.





SECTION A-A

BIORETENTION DESIGN NOTES

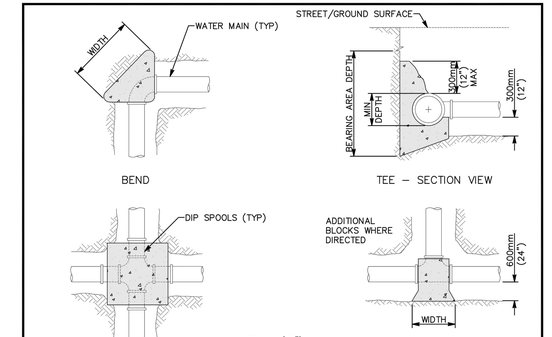
1. FOR USE WITH STORMWATER FACILITIES WITH SIDE SLOPES.
2. PROVIDE SPOT ELEVATIONS ON PLANS (FE, OE, GIE, IE). REFER TO GRADING SHEETS FOR SPOT ELEVATIONS.
3. CURB AND WALL DETAILS MAY BE MODIFIED BY CIVIL AND GEOTECHNICAL ENGINEERS SUBJECT TO APPROVAL BY CITY ENGINEER.
4. WHERE INLET FLOW VELOCITY IS HIGH, EXTEND COBBLE INTO FACILITY, BUT AVOID EXCESSIVE USE.

CONSTRUCTION NOTES

1. AFTER CONSTRUCTION PLACE SAND BAGS AT GUTTER OPENINGS TO KEEP STORM FLOWS FROM ENTERING FACILITY UNTIL VEGETATION IS ESTABLISHED.

CURB CUT INLET DETAIL 2 C1.11

N.T.S.



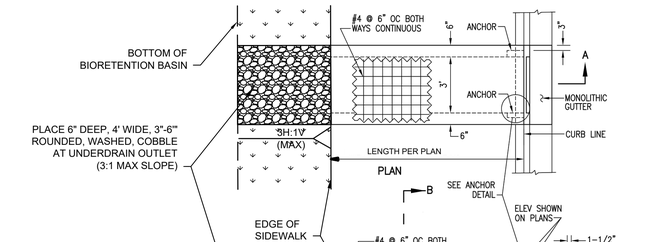
NOTES:
1) DETAILS SHOWN ARE SCHEMATIC ONLY. REFER TO NOTES ON WT-01B.
2) FOR ADDITIONAL THRUST BLOCKS, SEE WT-01C.

CONCRETE THRUST AND ANCHOR BLOCK INSTALLATIONS

WATER AGENCIES' STANDARDS	
COMMITTEE APPROVAL:	01/26/2022
DRAWING NUMBER:	WT-01A

THRUST BLOCK DETAIL 3 C1.11

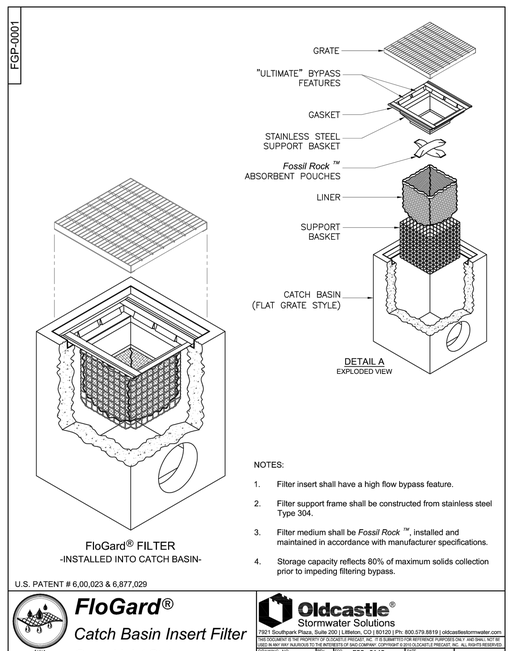
NTS



NOTES:
1. CONCRETE SHALL BE 500-C-3250.
2. SLOPE OF DRAINAGE CHANNEL TO BE SLOPED TOWARDS BIORETENTION BASIN. SLOPES OF FINISHED SIDEWALK PER PLAN.
3. SIDEWALK FINISH TO MATCH ADJACENT SIDEWALK.
4. PROVIDE ½" TOOLED GROOVE IN TOP SLABE IN LINE WITH BACK OF ADJACENT CURB.
5. THIS DETAIL IS A MODIFICATION OF SDRSD D-25A.

SIDEWALK UNDERDRAIN 5 C1.11

NTS



U.S. PATENT # 6,00,023 & 6,877,029

NOTES:

1. Filter insert shall have a high flow bypass feature.
2. Filter support frame shall be constructed from stainless steel Type 304.
3. Filter medium shall be *Fossil Rock ™*, installed and maintained in accordance with manufacturer specifications.
4. Storage capacity reflects 80% of maximum solids collection prior to impeding filtering bypass.

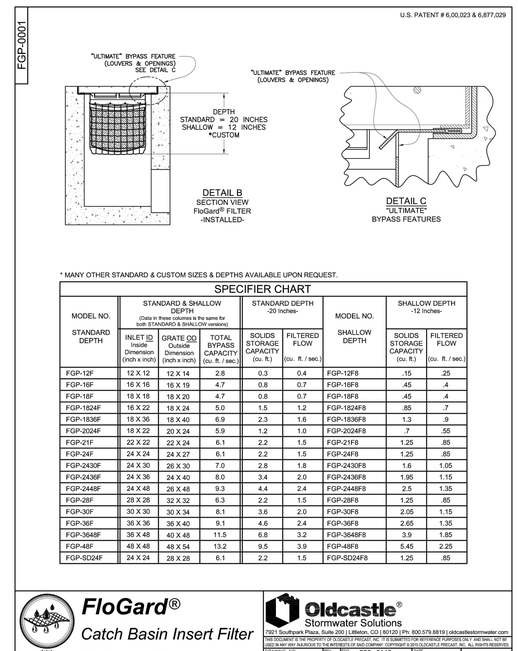
FloGard® Catch Basin Insert Filter Grated Inlet Style

Oldcastle® Stormwater Solutions

7901 Southpark Plaza, Suite 200 | Littleton, CO | 80120 | Ph: 800.579.8819 | oldcastlestormwater.com

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DRAWING NO.	ECO-0142	
FGP-0001	G	JPR 7/13/16	JPR 11/3/06	SHEET 1 OF 2



* MANY OTHER STANDARD & CUSTOM SIZES & DEPTHS AVAILABLE UPON REQUEST.

SPECIFIER CHART

MODEL NO. STANDARD DEPTH	STANDARD & SHALLOW DEPTH (Data in those columns is the same for both STANDARD & SHALLOW versions)			STANDARD DEPTH -20 inches-		MODEL NO. SHALLOW DEPTH	SHALLOW DEPTH -12 inches-	
	INLET ID Inside Dimension (inch x inch)	GRATE OD Outside Dimension (inch x inch)	TOTAL BYPASS CAPACITY (cu. ft. / sec.)	SOLIDS STORAGE CAPACITY (cu. ft.)	FILTERED FLOW (cu. ft. / sec.)		SOLIDS STORAGE CAPACITY (cu. ft.)	FILTERED FLOW (cu. ft. / sec.)
FGP-12IF	12 X 12	12 X 14	2.8	0.3	0.4	FGP-12F8	.15	.25
FGP-16F	16 X 16	16 X 19	4.7	0.8	0.7	FGP-16F8	.45	.4
FGP-18F	18 X 18	18 X 20	4.7	0.8	0.7	FGP-18F8	.45	.4
FGP-1824F	16 X 22	18 X 24	5.0	1.5	1.2	FGP-1824F8	.85	.7
FGP-1836F	18 X 36	18 X 40	6.9	2.3	1.6	FGP-1836F8	1.3	.9
FGP-2024F	18 X 22	20 X 24	5.9	1.2	1.0	FGP-2024F8	.7	.55
FGP-21F	22 X 22	22 X 24	6.1	2.2	1.5	FGP-21F8	1.25	.85
FGP-24F	24 X 24	24 X 27	6.1	2.2	1.5	FGP-24F8	1.25	.85
FGP-2430F	24 X 30	26 X 30	7.0	2.8	1.8	FGP-2430F8	1.6	1.05
FGP-2436F	24 X 36	24 X 40	8.0	3.4	2.0	FGP-2436F8	1.95	1.15
FGP-2448F	24 X 48	26 X 48	9.3	4.4	2.4	FGP-2448F8	2.5	1.35
FGP-28F	28 X 28	32 X 32	6.3	2.2	1.5	FGP-28F8	1.25	.85
FGP-30F	30 X 30	30 X 34	8.1	3.6	2.0	FGP-30F8	2.05	1.15
FGP-36F	36 X 36	36 X 40	9.1	4.6	2.4	FGP-36F8	2.65	1.35
FGP-3648F	36 X 48	40 X 48	11.5	6.8	3.2	FGP-3648F8	3.9	1.85
FGP-48F	48 X 48	48 X 54	13.2	9.5	3.9	FGP-48F8	5.45	2.25
FGP-SD24F	24 X 24	28 X 28	6.1	2.2	1.5	FGP-SD24F8	1.25	.85

FloGard® Catch Basin Insert Filter Grated Inlet Style

Oldcastle® Stormwater Solutions

7901 Southpark Plaza, Suite 200 | Littleton, CO | 80120 | Ph: 800.579.8819 | oldcastlestormwater.com

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DRAWING NO.	ECO-0142	
FGP-0001	G	JPR 7/13/16	JPR 11/3/06	SHEET 2 OF 2

FLOGARD CATCH BASIN INSERT FILTER 6 C1.11

NTS

Santee — SO HERE • SO EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

NO DUMPING GOES TO OCEAN — think BLUE — NO TIRAR BASURA LLEGA AL MAR

EXAMPLE STORM DRAIN SIGNAGE PER CASQA SD-13 7 C1.11

NTS

INTERWEST A McMillin Company
Approved
08/01/2025 3:22:01 PM

REGISTERED PROFESSIONAL ENGINEER — SARAH K. CURRAN — No. C69620 — CIVIL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20886, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY.
ELEVATION: 355.96 FEET FROM ROS 20986, FOR THE PURPOSES OF THIS SURVEY IT IS 356.05 FEET.
DATUM: NAVD88

SCALE	
HORIZ:	AS SHOW
VERT:	AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER **CIVIL DETAILS**

CITY W.O. NO. CIP 2018-31

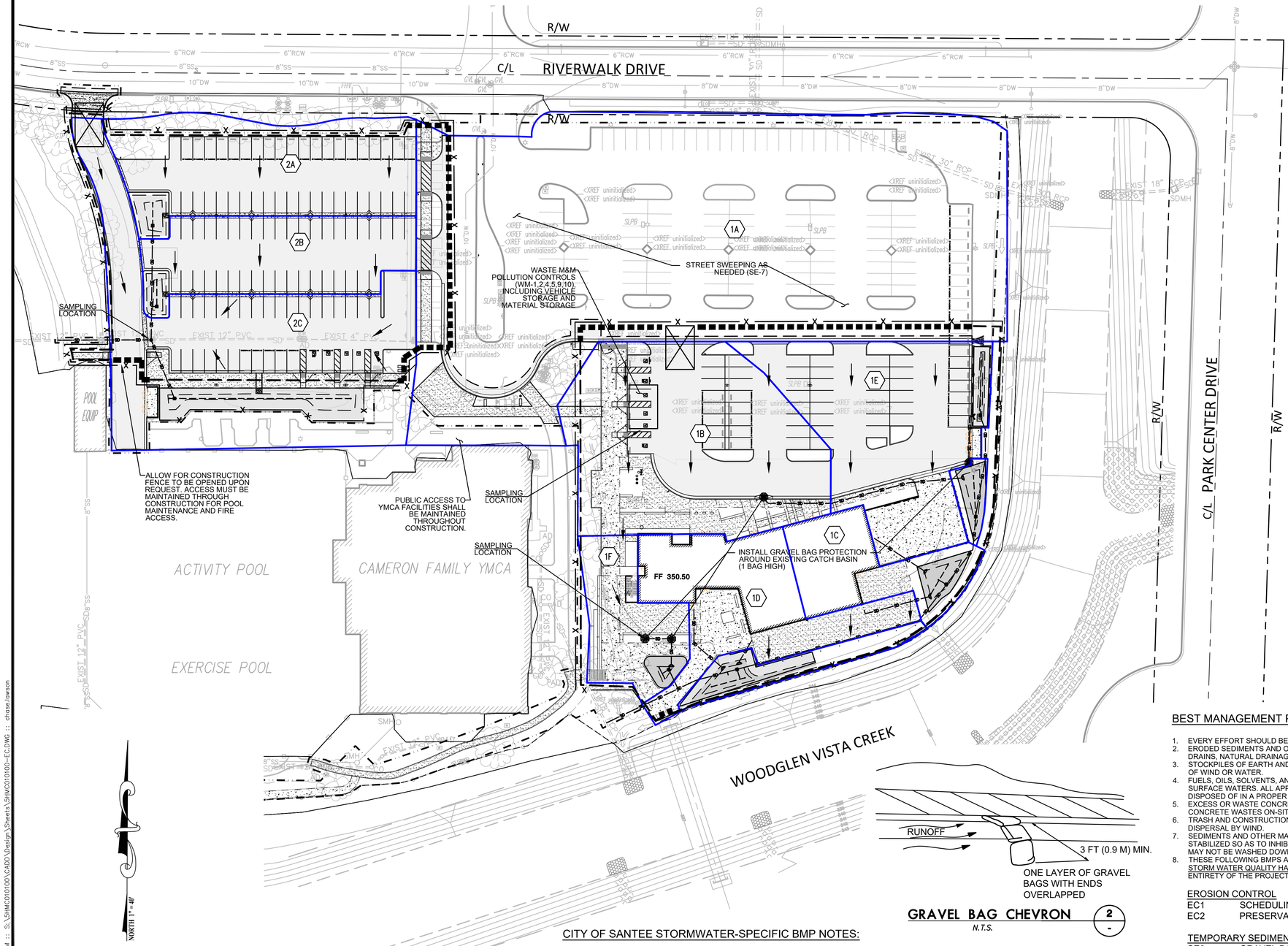
DRAWING NO. **C1.11**

SHEET 18 OF 294

SANTEE COMMUNITY CENTER - CIVIL DETAILS

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1/25/2022 8:29 AM :: robbott :: Plotted: Brookings\WAS Standard Drawings\Water\WT-01A_2022-1216.dwg



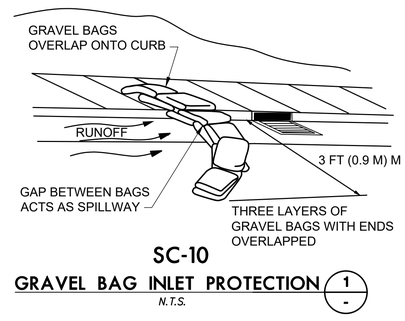
LEGEND

- INSTALL CONTINUOUS SILT FENCE PER CALTRANS CONSTRUCTION SITE BMP MANUAL (2017) SC-1
- INSTALL CONTINUOUS GRAVEL BAG CHECK DAM ON TOP OF EXISTING PAVEMENT (NO GAPS) (SE-6)
- INSTALL GRAVEL BAG INLET PROTECTION AT ALL INLETS EXPOSED TO CONSTRUCTION RUNOFF PER DETAIL THIS SHEET. (SE-10)
- LIMITS OF WORK
- INSTALL TEMPORARY CONSTRUCTION FENCING. MAINTAIN 4' MINIMUM WALKWAY CLEARANCE WHERE FENCE IS INSTALLED ON SIDEWALK. AREAS OF SOIL DISTURBANCE TO BE LIMITED TO WITHIN THE PROPOSED FENCE LINE.
- 351 — PROPOSED CONTOUR
- XX.X — PROPOSED SPOT ELEVATION
- 351 — EXISTING CONTOUR
- XX.XXX — EXISTING SPOT ELEVATION
- EXISTING TREE
- FLOW ARROW
- CONSTRUCTION ENTRANCE PER CALTRANS C9ONSTRUCTION SITE BMP MANUAL (2017) (TC-1)
- 1A — PROPOSED DRAINAGE MANAGEMENT AREA (DMA). SEE PROPOSED DMA EXHIBIT FOR MORE DETAIL.

GENERAL NOTES

1. REFER TO THE LATEST EDITION OF THE CALIFORNIA STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK FOR THE BMP OUTLINED ON THIS PLAN.
2. INSTALL INLET PROTECTION ON ALL EXISTING INLETS PRIOR TO DEMOLITION.
3. SAMPLING LOCATIONS SHOWN MAY BE MODIFIED IN THE FIELD DURING STORM EVENTS AT THE DISCRETION OF THE QSP.
4. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.

INTERWEST — A GAFFLEX COMPANY
Approved
08/01/2025 3:22:02 PM



SC-10
GRAVEL BAG INLET PROTECTION 1/-
N.T.S.

GRAVEL BAG CHEVRON 2/-
N.T.S.

Santee — DO MORE • DOE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

BEST MANAGEMENT PRACTICES:

1. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
2. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
4. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
6. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
8. THESE FOLLOWING BMPS AS OUTLINED IN, BUT NOT LIMITED TO, THE LATEST EDITION OF THE CASQA CONSTRUCTION BMP ONLINE HANDBOOK OR CALTRANS STORM WATER QUALITY HANDBOOKS (CONSTRUCTION SITE BMP MANUAL) MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT AND APPLY TO THE ENTIRETY OF THE PROJECT SITE.

EROSION CONTROL
- EC1 SCHEDULING
- EC2 PRESERVATION OF EXISTING VEGETATION

TEMPORARY SEDIMENT CONTROL
- SE6 GRAVEL BAG BERM
- SE7 STREET SWEEPING
- SE8 SANDBAG BARRIER
- SE10 TEMPORARY DRAINAGE INLET PROTECTION

WIND EROSION CONTROL
- WE1 WIND EROSION CONTROL

WASTE MANAGEMENT & MATERIAL POLLUTION CONTROL
- WM1 MATERIAL DELIVERY AND STORAGE
- WM2 MATERIAL USE
- WM3 STOCKPILE MANAGEMENT
- WM4 SPILL PREVENTION AND CONTROL
- WM5 SOLID WASTE MANAGEMENT
- WM9 SANITARY/SEPTIC WASTE MANAGEMENT
- WM10 LIQUID WASTE MANAGEMENT

EQUIPMENT TRACKING CONTROL
- TC1 TEMPORARY CONSTRUCTION ENTRANCE/EXIT

NON-STORMWATER MANAGEMENT
- NS1 WATER CONSERVATION PRACTICES
- NS3 PAVING AND GRINDING OPERATIONS
- NS6 ILLICIT CONNECTION/DISCHARGE
- NS7 POTABLE WATER/IRRIGATION
- NS8 VEHICLE AND EQUIPMENT CLEANING
- NS9 VEHICLE AND EQUIPMENT FUELING
- NS10 VEHICLE AND EQUIPMENT MAINTENANCE
- NS15 DEMOLITION ADJACENT TO WATER

CITY OF SANTEE STORMWATER-SPECIFIC BMP NOTES:

THIS PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF THE CITY OF SANTEE AND STATE OF CALIFORNIA WATER QUALITY CONTROL BOARD, SAN DIEGO REGION

1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) DURING ALL PHASES OF CONSTRUCTION.
2. SUFFICIENT BMPs MUST BE INSTALLED TO PREVENT SILT, MUD, OR OTHER CONSTRUCTION DEBRIS FROM BEING TRACKED INTO THE ADJACENT STREET(S) OR STORM WATER CONVEYANCE SYSTEMS DUE TO CONSTRUCTION VEHICLES OR ANY OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY SUCH DEBRIS THAT MAY BE IN THE STREET OR CONVEYANCE SYSTEM AT THE ENDS OF EACH WORK DAY OR AFTER A STORM EVENT THAT CAUSED A BREECH IN THE INSTALLED CONSTRUCTION BMPs.
3. STORM WATER POLLUTION PREVENTION DEVICES AND OR PRACTICES SHALL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES TO ENSURE EFFECTIVENESS. IF AT ANY TIME, BMPs ARE FOUND TO BE INTENTIONALLY DISABLED, RUN-OVER, REMOVED, OR OTHERWISE INEFFECTIVE, THEY SHALL BE MODIFIED AND REPLACED IMMEDIATELY.
4. TRASH AND CONSTRUCTION SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OR RAINWATER AND DISPERSAL BY WIND. THE STORAGE OF ALL CONSTRUCTION MATERIALS AND CONSTRUCTION WASTES MUST BE PROTECTED AGAINST THE POTENTIAL RELEASE OF POLLUTANTS INTO THE ENVIRONMENT.
5. A CONCRETE WASHOUT SHALL BE PROVIDED ON ALL PROJECTS WHICH PROPOSE THE CONSTRUCTION OF ANY CONCRETE IMPROVEMENTS THAT ARE TO BE POURED IN PLACE ON THE SITE.
6. ALL BMPs SHALL BE MAINTAINED IN WORKING ORDER AT ALL TIMES. ALL SLOPES THAT ARE CREATED OR DISTURBED BY CONSTRUCTION ACTIVITY MUST BE PROTECTED AGAINST EROSION AND SEDIMENT TRANSPORT AT ALL TIMES.
7. IF TRENCHING/DIGGING ACTIVITIES ARE NOT COMPLETED WITHIN ONE DAY, PROPER BMPs WILL BE IMPLEMENTED.
8. IF DEBRIS OR MATERIALS WILL BE STORED FOR LONGER THAN ONE DAY, PROPER BMPs WILL BE IMPLEMENTED.

DIGALERT 811 — Call 2 Full Working Days In Advance

REGISTERED PROFESSIONAL ENGINEER — SARAH K. CURRAN — No. C69620 — CIVIL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR	CIP 2002-31				
INSPECTOR					
DATE COMPLETED					

BENCH MARK
THE BENCHMARK USED FOR THIS SURVEY IS GPS STATION "FP7" PER RECORD OF SURVEY 20986, BEING A STANDARD STREET SURVEY MONUMENT, M-10 WITH PUNCH ONLY.
ELEVATION: 355.96 FEET FROM ROS 20986, FOR THE PURPOSES OF THIS SURVEY IT IS 356.05 FEET.
DATUM: NAVD88

SCALE
HORIZ: AS SHOW
VERT: AS SHOW

DESIGNED BY	DRAWN BY	CHECKED BY
SKC	GPY	EH

PLANS PREPARED UNDER THE SUPERVISION OF
SARAH CURRAN DATE 04/04/2025
RCE NO. C69620 EXPIRES 06/30/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
EROSION CONTROL PLAN

CITY W.O. NO. CIP 2018-31

DRAWING NO. **C1.12**
SHEET 19 OF 294

SANTEE COMMUNITY CENTER - EROSION CONTROL PLAN

Plotted = 3/4/2025 2:34:24 PM :: Saved = 2/25/2025 3:10:55 PM :: S:\SHC01010\CAD\Design\Sheets\SHNC01010-EC.DWG :: chase.lawson

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

PADRE DAM RECYCLED WATER STANDARD PLAN NOTES

1. ALL WORK AND INSTALLATION SHALL BE DONE IN ACCORDANCE WITH THE PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS AND WATER AGENCIES' STANDARDS (W.A.S.).

   HTTP://WWW.SDWAS.ORG/

2. DRINKING WATER FOUNTAINS AND DESIGNATED OUTDOOR EATING AREAS SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST, OR RUNOFF.
3. BEST MANAGEMENT PRACTICES SHALL BE USED TO ELIMINATE OR CONTROL TO THE BEST EXTENT POSSIBLE PONDING, RUNOFF, OVER SPRAY AND MISTING.
4. HOSE BIBS ARE STRICTLY PROHIBITED.
5. CROSS-CONNECTIONS BETWEEN RECYCLED WATER LINES AND POTABLE WATER LINES ARE STRICTLY PROHIBITED.
6. NO SUBSTITUTIONS OF PIPE MATERIALS WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF PADRE DAM MUNICIPAL WATER DISTRICT.
7. ALL MAINLINE PIPES SHALL HAVE WARNING TAPE PER PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
8. HOURS FOR IRRIGATION WITH RECYCLED WATER ARE FROM 10:00 P.M. TO 6:00 A.M. THE HOURS FOR IRRIGATION WITH DISINFECTED TERTIARY RECYCLED WATER MAY BE MODIFIED BY THE LOCAL AUTHORITY. IRRIGATION DURING PUBLIC USE PERIODS WITH DISINFECTED TERTIARY RECYCLED WATER SHALL BE UNDER THE SUPERVISION OF THE DESIGNATED USER SUPERVISOR. IRRIGATION WITH WATER OF A LESSER QUALITY THAN DISINFECTED TERTIARY RECYCLED WATER SHALL BE BETWEEN THE HOURS OF 10:00 P.M. AND 6:00 A.M.
9. BURIAL OF ALL WIRING AND PIPING SHALL MEET PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
10. NON-DESIGNATED USE AREAS SHALL BE PROTECTED FROM CONTACT WITH RECYCLED WATER, WHETHER BY WINDBLOWN SPRAY OR BY DIRECT APPLICATION THROUGH IRRIGATION OR OTHER USE. LACK OF PROTECTION, WHETHER BY DESIGN, CONSTRUCTION PRACTICE OR SYSTEM OPERATION, IS STRICTLY PROHIBITED.
11. IRRIGATION HEADS SHALL BE RELOCATED OR ADJUSTED TO MINIMIZE OR ELIMINATE OVER-SPRAYING ON SIDEWALKS, STREETS AND NON-DESIGNATED USE AREAS.
12. "RECYCLED WATER QUICK COUPLING VALVES SHALL BE OF A TYPE DESIGNED FOR THE USE ON RECYCLED WATER DISTRIBUTION SYSTEMS", AND SHALL BE CALLED OUT ON PLANS AS SUCH, PER PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
13. ON RECYCLED WATER SYSTEMS, ALL APPURTENANCES (SPRINKLER HEADS, VALVE BOXES, ETC.) SHALL BE COLOR-CODED PURPLE PER AWWA GUIDELINES AND SECTION 116815 OF THE CALIFORNIA HEALTH AND SAFETY CODE.
14. ALL IRRIGATION PIPES SHALL BE STENCILED WITH THE WARNING, "NON-POTABLE OR RECYCLED WATER," COLOR-CODED (PURPLE) AND LAID WITH WARNING TAPE AND STENCILING ORIENTED TOWARD THE TOP OF THE TRENCH PER THE PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
15. ON NEW ON-SITE SYSTEMS (POST-METER), POTABLE WATER, CONSTANT PRESSURE RECYCLED WATER AND SEWER LINES SHOULD BE PLACED A MINIMUM OF FOUR FEET APART OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR REGULATORY AGENCY. MEASUREMENTS SHALL BE BETWEEN FACING SURFACES, NOT PIPE CENTER LINES.
16. CONSTANT PRESSURE RECYCLED WATER LINES SHALL CROSS AT LEAST TWELVE INCHES BELOW POTABLE WATER LINES AND MAINTAIN AT LEAST TWELVE INCHES CROSSING SEPARATION BETWEEN OTHER UTILITIES.
17. IF A CONSTANT PRESSURE RECYCLED WATER LINE MUST BE INSTALLED ABOVE A POTABLE WATER LINE OR LESS THAN TWELVE INCHES BELOW A POTABLE WATER LINE, THEN THE RECYCLED WATER LINE SHALL BE INSTALLED WITHIN AN APPROVED PROTECTIVE SLEEVE AS PER THE PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
18. DEVELOPER/CONTRACTOR SHALL CONDUCT A CROSS-CONNECTION TEST AND COVERAGE TEST AS DIRECTED BY THE PADRE DAM MUNICIPAL WATER DISTRICT AND/OR THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH PRIOR TO ANY USE OF RECYCLED WATER.
19. THE REQUIRED CROSS-CONNECTION CONTROL SHUTDOWN TEST SHALL BE MONITORED BY EITHER THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH OR STATE HEALTH.
20. THE DESIGN (W.A.S. STANDARD DRAWING WM-08) AND LOCATIONS PROPOSED FOR RECYCLED WATER "DO NOT DRINK" SIGNS SHALL BE CALLED OUT ON THE PLANS.
21. WHEN RECYCLED WATER BECOMES AVAILABLE, AN ON-SITE USER SUPERVISOR SHALL BE DESIGNATED IN WRITING. THIS INDIVIDUAL SHALL BE FAMILIAR WITH PLUMBING SYSTEMS WITHIN THE PROPERTY, WITH THE BASIC CONCEPTS OF BACKFLOW/CROSS-CONNECTION PROTECTION, THE RECYCLED PURVEYOR'S RULES AND REGULATIONS AND THE SPECIFIC REQUIREMENTS OF A RECYCLED WATER SYSTEM. COPIES OF THE DESIGNATION, WITH CONTACT PHONE NUMBERS SHALL BE PROVIDED TO THE PADRE DAM MUNICIPAL WATER DISTRICT AND/OR THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH.

    IN CASE OF EMERGENCY CONTACT:

STEVEN MILLER	AT	(619) 258-4100 EXT 176
NAME		PHONE

    OR AFTER HOURS CONTACT:

CITY OF SANTEE DUTY LINE	AT	(619) 926-1298
NAME		PHONE

22. 22. ALL PUBLIC AND PRIVATE POTABLE WATER MAINS INCLUDING FIRE MAINS AND ANY WATER WELLS AND WATER COURSES WITHIN THE RECYCLED WATER PROJECT SHALL BE SHOWN ON THE PLANS.
23. CALL OUT ON THE PLANS IF THERE ARE OR ARE NOT DRINKING FOUNTAINS AND/OR DESIGNATED OUTDOOR EATING AREAS ON THIS SITE.
24. EDUCATE ALL MAINTENANCE PERSONNEL ON A CONTINUOUS BASIS OF THE PRESENCE OF RECYCLED WATER. PERSONNEL MUST BE INFORMED THAT RECYCLED WATER IS MEANT FOR IRRIGATION PURPOSES ONLY, AND IS NOT APPROVED FOR DRINKING PURPOSES, HAND WASHING, CLEANING OF TOOLS, ETC. GIVEN THE HIGH TURNOVER RATE OF EMPLOYEES IN THE LANDSCAPE INDUSTRY IT IS IMPORTANT THIS INFORMATION BE DISSEMINATED ON AN ALMOST DAILY BASIS.
25. A PHYSICAL SEPARATION SHALL BE PROVIDED BETWEEN ADJACENT AREAS IRRIGATED WITH RECYCLED WATER AND POTABLE WATER.
26. THERE SHALL BE NO DIRECT (PIPE-TO-PIPE) DRAINAGE OF RECYCLED WATER INTO THE STORM DRAINS.
27. ABSOLUTELY MINIMIZE BY BEST MANAGEMENT PRACTICES RECYCLED WATER RUNOFF TO STORM DRAINS.
28. DESIGN OF BROW DITCHES AND CATCH BASINS SHALL ABSOLUTELY MINIMIZE RECYCLED WATER RUNOFF INTO STORM DRAINS.
29. ALL RECYCLED WATER SPRINKLER CONTROL VALVES SHALL BE TAGGED WITH IDENTIFICATION TAGS. TAGS SHALL BE WEATHERPROOF PLASTIC 3" X 4", PURPLE IN COLOR, WITH WORDS "WARNING RECYCLED WATER - DO NOT DRINK" IMPRINTED ON ONE SIDE, AND "AVISO - AGUA IMPURA - NO TOMAR" ON THE OTHER SIDE. IMPRINTING SHALL BE PERMANENT AND BLACK IN COLOR.
    ONE TAG SHALL BE ATTACHED TO EACH VALVE AS FOLLOWS:
    ATTACH TO VALVE STEM DIRECTLY OR WITH PLASTIC TIE WRAP; OR
    ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE WRAP.
30. EACH BUILDING SHALL HAVE A FUNCTIONAL ISOLATION VALVE ON THE DOMESTIC WATER SYSTEM THAT IS LOCATED ABOVE GRADE LOCATED IMMEDIATELY BEFORE WATER ENTERS THE BUILDING.
31. EACH BUILDING SHALL HAVE THE WATER PRESSURE REGULATOR INSTALLED AFTER THE BUILDINGS ISOLATION VALVE ON THE DOMESTIC WATER SYSTEM.
32. ANY CHANGES TO THE WATER SOURCE, FOR THE IRRIGATION SYSTEM, OTHER THAN RECYCLED WATER, AFTER PLAN APPROVAL AND SIGNATURE, MUST BE APPROVED BY PADRE DAM MUNICIPAL WATER DISTRICT, DEPARTMENT OF ENVIRONMENTAL HEALTH AND/OR STATE DEPARTMENT OF HEALTH.
33. THE GENERAL CONTRACTOR SHALL KEEP AND MAINTAIN A SIGNED SET OF IMPROVEMENT PLANS ONSITE AT ALL TIMES FOR REVIEW BY THE DIRECTOR OF ENGINEERING AND PLANNING OR HIS REPRESENTATIVE. THE GENERAL CONTRACTOR IS REQUIRED TO UPDATE SAID PLANS WITH RECORD DRAWING INFORMATION ON A DAILY BASIS AS WORK IS PERFORMED.

SIGNAGE NOTES:

THE FOLLOWING GUIDELINES FOR THE USE OF RECYCLED WATER ARE TO BE PERMANENTLY POSTED INSIDE THE DOOR OF EACH CONTROLLER WHERE THEY ARE VISIBLE. PLACE ON 8-1/2" X 11" SIZE SIGN. COLOR: PURPLE BACKGROUND WITH BLACK LETTERING. SIGNS SHALL BE PER WM-O8 OF SDWAS.

OMISSION STATEMENT

THERE ARE NO DRINKING FOUNTAINS, DECORATIVE FOUNTAINS, COMFORT STATIONS, OUTDOOR EATING AREAS, SWIMMING POOLS, PLAYGROUND EQUIPMENT, OR WELLS ON THE SITE.

DRINKING WATER FOUNTAIN, DESIGNATED OUTDOOR EATING AREAS, POOLS, ETC.. SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST, OR RUN-OFF.

RESPONSIBILITY DISCLAIMER

ALL SCREENED FACILITIES, EXISTING OR PROPOSED, WERE OBTAINED FROM CIVIL PLAN____ (CIVIL PLAN NUMBER). ACTUAL SIZE AND LOCATION OF FACILITIES SHALL BE VERIFIED. CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO VERIFY TIE-IN LOCATIONS, PIPE SIZE AND TYPE PRIOR TO ANY WORK BEING PERFORMED. TO THE BEST OF OUR KNOWLEDGE THE FACILITIES EXIST OR WILL EXIST AS SHOWN. THE PADRE DAM MUNICIPAL WATER DISTRICT AND MIG (LANDSCAPE DESIGN COMPANY) SHALL NOT BE HELD RESPONSIBLE FOR ACTUAL SIZE AND LOCATION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO ATTENTION OF THE PDMW DISTRICT ENGINEER.

COLOR CODING

SPRINKLERS, ROTORS HEADS AND OTHER TYPES OF DISPERSION HEADS SHALL HAVE THE EXPOSED SURFACE COLORED PURPLE. THE EXPOSED SURFACE SHALL BE COLORED THROUGH THE USE OF INTEGRALLY MOLDED PURPLE PLASTIC OR PERMANENTLY ATTACHED PURPLE PLASTIC RING OR DISC. ALL SHRUB HEADS SHALL HAVE PURPLE CAPS. DECAL ON RISERS WILL NOT BE ACCEPTED.

INSPECTION NOTE

PADRE DAM WATER DISTRICT INSPECTION SHALL BE NOTIFIED TEN (10) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION AT (619) 258-4638. ALL WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL.

RECYCLED WATER REQUIREMENTS

RECYCLED WATER COLOR SCHEDULE:

- ALL EXPOSED RECYCLED WATER SPRINKLER EQUIPMENT SHALL USE PURPLE COVERED EQUIPMENT THAT IS FACTORY PAINTED OR HAS MANUFACTURER'S PURPLE IDENTIFICATION CAPS. FIELD PAINTED EQUIPMENT SHALL NOT BE ALLOWED.
- COPPER PIPE SHALL BE SEAMLESS, TYPE K. HARD DRAWN TUBING WRAPPED WITH PURPLE TAPE.
- CONTROLLERS SHALL BE CLEARLY MARKED WITH LETTER DESIGNATION AS SHOWN ON PLANS.
- ALL QUICK COUPLERS SHALL HAVE PURPLE CAPS.
- METALLIC LOCATOR/WARNING TAPE SHALL BE INSTALLED 6 INCHES ABOVE ALL CONSTANT PRESSURE RECYCLED WATER LINES. MUST BE MINIMUM 3 INCHES WIDE, COLORED PURPLE AND SILVER, AND PRINTED WITH THE MESSAGE "CAUTION RECYCLED WATER BELOW" IN MINIMUM ONE INCH HIGH BLACK LETTERS.

RECORD PLANS ("AS-BUILT")

CONTRACTOR SHALL PROVIDE RECORD PLANS TO PADRE DAM MWD. THE FOLLOWING SHALL BE DIMENSIONED FROM TWO PERMANENT POINTS OF REFERENCE (I.E. BUILDING CORNERS, SIDEWALKS, ETC..):

- POINTS OF CONNECTIONS
- GATE VALVES
- PRESSURE LINE LOCATIONS
- CONTROLLERS AND CONTROL VALVES (INCLUDING SOURCE OF POWER)
- QUICK COUPLERS
- ROUTING OF ALL DIRECT BURIAL CONTROL WIRES
- SIZE AND LOCATION OF IRRIGATION CONTROL WIRE CONDUIT.

ACCESSORIES:

THE CONTRACTOR SHALL FURNISH THE PADRE DAM MUNICIPAL WATER DISTRICT THE FOLLOWING UPON COMPLETION OF WORK:

1. TWO PLASTIC SEALED DIAGRAMMATIC PLANS OF THE IRRIGATION SYSTEM IDENTIFYING STATION NUMBERS AND THEIR RESPECTIVE IRRIGATED AREAS, COLOR CODED BY STATION.
2. TWO KEYS FOR EACH CONTROLLER ENCLOSURE
3. TWO SETS OF EQUIPMENT GUARANTEES AND OPERATION MANUALS
4. TWO QUICK COUPLER VALVE KEYS WITH HOSE SWIVEL ELLS
5. NAME OF ON-SITE USER/SUPERVISOR.

NOTE: ALL NEW IRRIGATION SYSTEM COMPONENTS ARE TO BE COLOR CODED PURPLE PER THE REQUIREMENTS OF THE PADRE DAM M.W.D AND THE COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH.

PADRE DAM MUNICIPAL WATER DISTRICT REQUIRED INSPECTIONS

CONTRACTOR SHALL NOTIFY PADRE DAM MUNICIPAL WATER DISTRICT TWO WORKING DAYS PRIOR TO COMMENCING WORK, TELEPHONE (619) 258-4653.

1. MAINLINE PRIOR TO BACKFILL
2. SLEEVE CLEARANCES
3. ALL RECYCLED WATER INSTALLATIONS FROM MAIN TO SPRINKLER HEADS
4. SPRINKLER COVERAGE TEST
5. CROSS CONNECTION TEST
6. SIGNAGE

COUNTY DEH REQUIREMENT INSPECTIONS (UNLESS WAIVED IN WRITING)

1. SPRINKLER COVERAGE TEST
2. CROSS CONNECTION TEST
3. SIGNAGE

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE LANDSCAPE ARCHITECT OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGES OVER THE DEIGN OF THIS PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO AND THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS THE LANDSCAPE ARCHITECT OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

FIRM NAME : MIG
FIRM ADDRESS: 360 EAST SECOND STREET, SUITE 675
LOS ANGELES, CA 90012
PHONE NO.: (213) 694-3800

BY: EVAN MATHER DATE: 7/10/2025
LANDSCAPE ARCHITECT

REGISTRATION NO.: 4805

EXPIRATION DATE: 2/28/2026

METER INFORMATION TABLE

POC ID	POC STA.	IRRIGATED AREA (SF)	DEMAND (GPM)	ANNUAL USAGE (ACRE-FT)	LATERAL SIZE (IN)	METER SIZE (IN)
POC 1	18+07	28,479	65		2-1/2"	2" (EXISTING)
TOTAL						

GUIDELINES FOR RECYCLED WATER USE:

1. IRRIGATE BETWEEN THE HOURS OF 9:00 PM AND 6:00 AM ONLY. WATERING OUTSIDE THIS TIME FRAME MUST BE DONE MANUALLY WITH QUALIFIED SUPERVISORY PERSONNEL ON-SITE. NO SYSTEM SHALL BE AT ANY TIME BE LEFT UNATTENDED DURING USE OUTSIDE THE NORMAL SCHEDULE.
2. IRRIGATE IN A MANNER THAT WILL ELIMINATE RUN-OFF, "OVERSPRAY", POOLING, AND PONDING. THE APPLICATION RATE SHALL NOT EXCEED THE INFILTRATION RATE OF THE SOIL. TIMERS MUST BE ADJUSTED SO AS TO BE COMPATIBLE WITH THE LOWEST SOIL INFILTRATION RATE PRESENT. THIS PROCEDURE MAY BE FACILITATED BY THE EFFICIENT SCHEDULING OF THE AUTOMATIC CONTROL CLOCKS: (I.E., EMPLOYING THE REPEAT FUNCTION TO BREAK UP THE TOTAL IRRIGATION TIME INTO CYCLES THAT WILL PROMOTE MAXIMUM SOIL ABSORPTION).
3. ADJUST SPRAY HEADS TO ELIMINATE OVER SPRAY ONTO AREAS NOT UNDER THE CONTROL OF THE CUSTOMER. FOR EXAMPLE POOL DECKS, PRIVATE PATIOS AND LOTS, AND STREETS AND SIDEWALKS.
4. MONITOR AND MAINTAIN THE SYSTEM TO MINIMIZE EQUIPMENT AND MATERIAL FAILURE. BROKEN SPRINKLER HEADS, LEAKS, UNRELIABLE VALVES, ETC. SHOULD BE REPAIRED AS THEY BECOME APPARENT.
5. EDUCATE ALL MAINTENANCE PERSONNEL ON A CONTINUOUS BASIS ABOUT THE PRESENCE OF RECYCLED WATER. PERSONNEL MUST BE INFORMED THAT RECYCLED WATER IS MEANT FOR IRRIGATION PURPOSES ONLY, AND NOT APPROVED FOR DRINKING PURPOSES, HAND WASHING, CLEANING OF TOOLS, ETC. GIVEN THE HIGH TURNOVER RATE OF EMPLOYEES IN THE LANDSCAPE INDUSTRY, IT IS IMPORTANT THAT THIS INFORMATION BE DISSEMINATED ON AN ALMOST DAILY BASIS. IT IS YOU, THE LANDSCAPE CONTRACTOR, WHO IS RESPONSIBLE FOR EDUCATING EACH AND EVERY ONE OF YOUR EMPLOYEES.
6. OBTAIN PRIOR APPROVAL OF ALL PROPOSED CHANGES AND MODIFICATIONS TO ANY PRIVATE ON SITE FACILITIES. SUCH CHANGES MUST BE SUBMITTED TO AND APPROVED BY THE DISTRICT ENGINEERING OFFICE AND DESIGNED IN ACCORDANCE WITH DISTRICT STANDARDS.
7. ALL RECYCLED WATER SPRINKLER CONTROL VALVES SHALL BE TAGGED WITH IDENTIFICATION TAGS. TAGS SHALL BE WATERPROOF PLASTIC, 3" X 4", PURPLE IN COLOR WITH THE WORKS, "WARNING RECYCLED WATER-DO NOT DRINK" IMPRINTED ON ONE SIDE, AND "AVISO-AGUA IMPURA-NO TOMAR" ON THE OTHER SIDE. IMPRINTING SHALL BE PERMANENT AND BLACK IN COLOR. USE TAGS AS MANUFACTURED BY T. CHRISTY ENTERPRISES OR APPROVED EQUAL. ONE TAG SHALL BE ATTACHED TO EACH VALVE AS FOLLOWS:
   A. ATTACH TO VALVE STEM DIRECTLY OR WITH PLASTIC TIE-WRAP, OR
   B. ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE-WRAP.
8. ALL SPRINKLER HEADS SHALL BE IDENTIFIED AS RECYCLED WATER SPRINKLER HEADS.
9. EACH AUTOMATIC CONTROLLER AND ITS ASSOCIATED EQUIPMENT SHALL BE IDENTIFIED WITH A SIGN BEARING THE WORKS, "RECYCLED WATER USED FOR IRRIGATION" IN ENGLISH AND SPANISH, WITH BLACK LETTERS 1" HIGH ON A PURPLE BACKGROUND. THE DESIGN SHALL BE PLACED SO THAT IT CAN BE READILY SEEN BY ANY OPERATIONS PERSONNEL UTILIZING EQUIPMENT.

SEWER & WATER AGENCY

PADRE DAM MUNICIPAL WATER DISTRICT

APPROVED BY: _____ _____
Director of Engineering and Planning — Date

_____ _____
R.C.E. No. — Date

SANTEE COMMUNITY CENTER _____ _____
Project / File Name — Job No. — SA

VALID FOR ONE YEAR FROM DATE OF SIGNATURE.
SIGNATURE OF THESE PLANS IS NOT A COMMITMENT TO SERVE.

COUNTY OF SAN DIEGO
Department of Environmental Health
Land and Water Quality Division

_____ _____ _____
NAME — TITLE — DATE

Keynotes:

Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A Bellhouse Company
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT — EVAN R. MATHER NO. 4805 — Signature — 2/28/26 Renewal Date — 7/10/2025 Date — STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - IRRIGATION TITLE SHEET

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION TITLE SHEET

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.00
SHEET 20 OF 294

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

EXISTING IRRIGATION NOTES

1. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ANY EXISTING IRRIGATION SYSTEMS DIRECTLY ADJACENT AND OUTSIDE OF THE LIMIT-OF-WORK AREAS PRIOR TO THE START OF WORK. CONTRACTOR SHALL DOCUMENT ANY BROKEN OR MALFUNCTIONING PIECE OF IRRIGATION EQUIPMENT AND PROVIDE THE OWNER'S REPRESENTATIVE WITH A WRITTEN REPORT. ANY REPAIRS REQUIRED TO COMPONENTS NOT NOTED IN THE REPORT DURING OR AFTER DEMOLITION IS COMPLETED SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR AND ALL REPAIR WORK SHALL BE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING IRRIGATION SYSTEM TO REMAIN CAUSED BY EITHER THEIR OR THEIR SUB-CONTRACTORS OPERATIONS OR NEGLECT. IN CASE OF DAMAGE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ANY REQUIRED REPAIRS AS SOON AS POSSIBLE. REPAIRS SHALL BE THE DIRECTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND SHALL BE TO THE EXACT DUPLICATE OF ORIGINAL WORK OR HIGHER QUALITY.
3. EXISTING IRRIGATION OUTSIDE OF AREAS OF WORK (IF ANY) SHALL REMAIN FULLY OPERATIONAL. NO DISRUPTION OF THE EXISTING IRRIGATION SYSTEM'S WATERING OR OPERATION SHALL BE ALLOWED DURING THE COURSE OF CONSTRUCTION. THE EXISTING IRRIGATION SYSTEM SHALL MAINTAIN AUTOMATIC PROGRAMMED WATERING SCHEDULES THROUGHOUT CONSTRUCTION AND SHALL BE SUPPLEMENTED BY MANUAL WATERING ONLY WHEN REQUIRED OR REQUESTED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
4. PROTECT ALL EXISTING MAINLINE, CONTROL VALVES AND WIRES, AND IRRIGATION EQUIPMENT, INCLUDING BY NOT LIMITED TO PRESSURE REDUCING VALVES, MASTER VALVES, FLOW SENSORS, ETC., NECESSARY FOR THE OPERABILITY OF THE EXISTING IRRIGATION SYSTEM TO REMAIN. REMOVE EXISTING IRRIGATION EQUIPMENT ONLY WHEN REQUIRED AS PART OF NEW IRRIGATION SYSTEM INSTALLATION.
5. ANY EXISTING IRRIGATION CONTROL VALVES CONNECTED TO EXISTING CONTROLLER(S) SHALL REMAIN CONNECTED UNLESS OTHERWISE NOTED ON PLANS. CONFIRM PROPER EXISTING CONTROLLER OPERATION WITH CITY'S REPRESENTATIVE UPON COMPLETION OF WORK.
6. EXISTING EQUIPMENT MAY BE RELOCATED FROM THE AREA OF WORK IF REQUIRED IN ORDER TO MAINTAIN OPERABILITY OF THE EXISTING IRRIGATION SYSTEM DURING AND AFTER CONSTRUCTION. RELOCATE EXISTING EQUIPMENT ONLY AS REQUIRED TO REMAIN FUNCTIONAL AND AS PER CITY'S REPRESENTATIVE APPROVAL.

EXISTING UTILITIES NOTES

1. THE CONTRACTOR SHALL AT THEIR OWN EXPENSE, VERIFY THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES, STRUCTURES, AND SERVICES WHICH MAY AFFECT CONTRACTOR'S OPERATION DURING CONSTRUCTION BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES, AND SERVICES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY. ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE.
2. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER AND/OR TELEPHONE, WATER, GAS, OIL, SEWER, ETC., SO AS TO SAFELY PROTECT ALL UTILITIES, PERSONNEL, AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION HEREIN.
3. WHERE IT IS NECESSARY TO EXCAVATE IN AREAS OF EXISTING UTILITIES, THE CONTRACTOR SHALL POTHOLE TO CONFIRM EXACT LOCATIONS OF EXISTING UTILITIES AFTER NOTIFICATION TO UNDERGROUND SERVICE ALERT. SEE IRRIGATION NOTE 11.
4. IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE SAME.
5. IN CASE OF INTERRUPTION OF UTILITIES CAUSED BY THE CONTRACTOR'S OPERATION OR NEGLECT, THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR RECONSTRUCT DAMAGED ITEMS TO THE OWNER'S AND/OR UTILITY'S REPRESENTATIVE SATISFACTION AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL BE RESPONSIBLE TO HAVE THE UTILITIES IN SERVICE AS SOON AS POSSIBLE.

1. PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES.
2. CHECK VALVES OR ANTI-DRAIN VALVES ARE REQUIRED ON ALL SPRINKLER HEADS WHERE LOW POINT DRAINAGE COULD OCCUR.

1. A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.
2. A CERTIFICATE OF COMPLETION SHALL BE FILLED OUT AND CERTIFIED BY EITHER THE DESIGNER OF THE LANDSCAPE PLANS, IRRIGATION PLANS, OR THE LICENSED LANDSCAPE CONTRACTOR FOR THE PROJECT.
3. AN IRRIGATION AUDIT REPORT SHALL BE COMPLETED AT THE TIME OF FINAL INSPECTION.

"I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLANS."

"I AGREE TO COMPLY WITH THE REQUIREMENTS OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION PACKAGE.

JOSÉ LEAL — 7/9/25

SIGNATURE — DATE

IRRIGATION NOTES

1. THE CONTRACTOR SHALL OBTAIN ANY PERTINENT CIVIL AND ELECTRICAL ENGINEERING PLANS BEFORE BEGINNING WORK.
2. ALL IRRIGATION WORK SHALL COMPLY WITH THE APPLICABLE THE LANDSCAPE STANDARDS, PADRE DAM MUNICIPAL WATER DISTRICT AND THE CITY OF SANTEE STANDARDS, AND THE PLANS AND DETAILS FOR THIS PROJECT.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE ACQUISITION OF ALL NECESSARY PERMITS ASSOCIATED WITH THE CONSTRUCTION WORK INDICATED HEREIN BEFORE BEGINNING WORK.
4. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE OF 106 PSI AND THE MINIMUM FLOW DEMAND OF 65 GPM AT THE POINT-OF-CONNECTION. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING WATER PRESSURE FOR APPROVAL BY THE CITY'S REPRESENTATIVE PRIOR TO CONSTRUCTION AND PRIOR TO ORDERING MATERIALS. CONTRACTOR SHALL REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE CITY'S REPRESENTATIVE. IN THE EVENT PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS, AND COSTS ASSOCIATED WITH SAID REVISIONS.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH EXISTING CONDITIONS, EXISTING IRRIGATION SYSTEM TO REMAIN AND BE MODIFIED, GRADE DIFFERENCES, AND LOCATIONS OF ARCHITECTURAL FEATURES, INCLUDING BUT NOT LIMITED TO WALLS, PAVING, FENCING, ETC. CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES FOR LOCATION OF PIPE SLEEVES THROUGH WALLS, UNDER PAVING, STRUCTURES, ETC.
6. IN ADDITION TO SLEEVES SHOWN ON THE DRAWINGS THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF PIPE SLEEVING FOR ALL PIPE UNDER PAVED AREAS, HARDSCAPE, AND AS DIRECTED BY DESIGNER OF RECORD. SLEEVING SHALL BE OF ADEQUATE SIZE BUT NO LESS THAN A MINIMUM OF TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE CARRIED. SLEEVES SHALL EXTEND AT LEAST 12" PAST THE EDGE OF PAVING. REFER TO SLEEVING CHART FOR MORE INFORMATION.
7. THE CONTRACTOR IS REQUIRED TO NOTIFY AND COORDINATE LANDSCAPE IRRIGATION WORK WITH ALL APPLICABLE CONTRACTORS AND TRADES FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT, AND SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING, STRUCTURES, ETC., BEFORE CONSTRUCTION.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND COORDINATE AND PROVIDE THE FINAL CONNECTION OF THE CONTROLLER TO ITS DEDICATED POWER SOURCE. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR AND SHALL CONFORM TO THE LATEST EDITION OF THE N.E.C. AND ALL STATE AND LOCAL CODES AND REGULATIONS. ALL ELECTRICAL WORK SHALL BE REQUIRED TO PASS CITY INSPECTION.
9. IRRIGATION COMPONENTS SHOWN WITHIN PAVED AREAS ARE FOR GRAPHIC CLARITY ONLY. PLACE ALL PIPING, VALVES, QUICK COUPLING VALVES, AND OTHER IRRIGATION COMPONENTS WITHIN LIMIT OF WORK BOUNDARIES AND IN SHRUB PLANTING AREAS EXCEPT WHERE PIPES CROSS PAVING OR AS NOTED. AVOID ANY CONFLICTS BETWEEN THE IRRIGATION SYSTEM AND TREES, PLANTINGS, SITE FEATURES AND UTILITIES INCLUDING STORM DRAINAGE.
10. INSTALLATION OF THE IRRIGATION SYSTEM SHALL CONFORM TO STANDARD UNIFORM BUILDING CODE. ALL LOCAL, COUNTY, AND STATE PROVISIONS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THE WORK TO BE PERFORMED AND ARE HEREBY INCORPORATED INTO AND MADE PART OF THESE CONSTRUCTION DOCUMENTS AND SHALL BE CARRIED OUT BY THE CONTRACTOR. IN THE EVENT OF DIFFERENCES BETWEEN THE CODE COMPLIANCE REQUIREMENTS OF THIS CONTRACT, THE BETTER QUALITY, HIGHER STANDARD, LARGER SIZE, AND MORE STRINGENT REQUIREMENT SHALL PREVAIL.
11. PRIOR TO ANY TRENCHING THE CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL NEW AND EXISTING UNDERGROUND UTILITY LINES. CALL 811 A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO THE START OF CONSTRUCTION.
12. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER TO MAINTAIN GOOD PLANT HEALTH, APPEARANCE AND REASONABLE GROWTH. THE AMOUNT OF SUPPLEMENTAL WATER A PLANT REQUIRES IS DEPENDENT ON SOIL TYPE, PLANT MATERIAL, ROOTING DEPTH, CLIMATE, SEASONAL CHANGES, SLOPES, MOUNDS, SUN, SHADE AND WIND. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST THE IRRIGATION SCHEDULE AND ET VARIABLES AS NEEDED. IN ADDITION, THE CONTRACTOR SHALL PROVIDE SUPPLEMENTAL WATER TO ACCOMMODATE SPECIAL WATERING NEEDS OF PLANT MATERIAL THROUGH THE MAINTENANCE PERIOD. ACTUAL STATION RUN TIMES MAY VARY IN ACCORDANCE WITH VARYING SITE CONDITIONS.
13. ALL HEADS ARE TO BE INSTALLED WITH THE NOZZLE AND ARCS SHOWN ON THE PLANS. ALL HEADS ARE TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDINGS, STRUCTURES, WALLS, FENCES AND HARDSCAPE. THIS INCLUDES, BUT IS NOT LIMITED TO, ADJUSTMENT OF DIFFUSER PIN OR ADJUSTMENT SCREW, REPLACEMENT OF NOZZLE WITH MORE APPROPRIATE RADIUS UNITS AND THE REPLACEMENT OF NOZZLES WITH ADJUSTABLE ARC UNITS. WHEN VERTICAL OBSTRUCTIONS (POLES, STREET LIGHTS, TREES, ETC.) INTERFERE WITH THE SPRAY PATTERN OF THE SPRINKLER HEADS PREVENTING PROPER COVERAGE, THE CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER CIRCLE OR HALF CIRCLE SPRINKLER HEAD ON EACH SIDE OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST. NO EXTRA PAYMENT WILL BE MADE WHERE PIPING MUST BE OFFSET TO AVOID EXISTING CONDITIONS, OTHER WORK OR WHERE CHANGES ARE NECESSARY TO FACILITATE INSTALLATION.
14. CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE DRIPLINE LAYOUT AS PER ACTUAL FIELD CONDITIONS TO ACHIEVE FULL COVERAGE OF ALL PLANTED AREAS. THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING ADDITIONAL DRIPLINE, AS NEEDED, TO PROVIDE ADEQUATE COVERAGE, AT NO ADDITIONAL COST. REFER TO IRRIGATION EQUIPMENT LEGEND FOR MAXIMUM ALLOWED VERTICAL DRIPLINE SPACING.
15. IRRIGATION SYSTEM SHALL BE OPERATIONAL & COVERAGE APPROVED BY THE DESIGNER OF RECORD PRIOR TO INSTALLATION OF PLANTING MATERIAL.
16. THE CONTRACTOR SHALL ADJUST THE PRESSURE REGULATOR ON EACH REMOTE CONTROL VALVE SO THAT THE DRIP SYSTEM FARTHEST AND HIGHEST IN ELEVATION FROM ITS RESPECTIVE CONTROL VALVE OPERATES WITHIN THE OPERATING PRESSURE SHOWN ON THE IRRIGATION LEGEND.
17. THE CONTRACTOR SHALL FLUSH ALL EMISSION EQUIPMENT FOR OPTIMUM PERFORMANCE TO PROVIDE OPTIMAL EVEN DISTRIBUTION OF WATER, AND TO PROVIDE PROPER COVERAGE.
18. DRIPLINE EMITTER FLOW RATE, EMITTER SPACING AND LATERAL SPACING IS BASED ON TYPICAL SOILS ENCOUNTERED IN THE AREA. THE CONTRACTOR SHALL MAKE ANY MODIFICATION TO EMITTER FLOW RATE, EMITTER SPACING, AND LATERAL SPACING AS REQUIRED TO COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR AN EVEN WETTED PATTERN, BASED ON ACTUAL SOIL ANALYSIS. REFER TO DRIPLINE MANUFACTURER RECOMMENDATIONS FOR ADDITIONAL INFORMATION. FINAL EMITTER SPACING AND FLOW RATE TO BE APPROVED BY THE DESIGNER OF RECORD.
19. DRAINAGE OF IRRIGATION WATER THROUGH DRIP EMITTERS WILL NOT BE ALLOWED. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL INSTALL ADDITIONAL IN-LINE CHECK VALVES AS REQUIRED IN ANY AREA WHERE EMISSION DEVICES SHOW SIGNS OF DRAINAGE AFTER IRRIGATION SYSTEM HAS OPERATED FROM AN ON TO OFF POSITION. INSTALLATION OF ADDITIONAL IN-LINE CHECK VALVES SHALL BE INCLUDED IN THE BID PRICE WITHOUT ADDITIONAL COST.
20. CONTRACTOR SHALL ADJUST THE DRIPLINE LAYOUT, WHEN PLANTER SLOPE IS GREATER THAN 5 PERCENT,TO PROVIDE LATERAL ROW SPACING THAT IS 25 PERCENT GREATER WITHIN THE BOTTOM ONE-THIRD OF THE SLOPE.
21. LOCATIONS AND THE QUANTITIES OF FLUSH VALVES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ADDITIONAL FLUSH VALVES, AS NEEDED, ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
22. ALL VALVES PROVIDING IRRIGATION TO SLOPED AREAS SHALL BE SCHEDULED IN MULTIPLE, SHORT CYCLES TO HELP ELIMINATE IRRIGATION WATER RUNOFF.
23. SHOULD FIELD CONDITIONS REQUIRE PIPE INSTALLATION OTHER THAN THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL LIMIT EXCESS FLOW AND SIZE ALL PIPE NOT TO EXCEED A VELOCITY OF 5-FEET PER SECOND (FPS) IN PVC PIPE. PIPE THROUGH ANCILLARY EQUIPMENT, BRASS AND COPPER PIPE SHALL NOT EXCEED A VELOCITY OF 7-1/2 FPS. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST.
24. MAINLINE PIPE SIZE DOWNSTREAM OF LAST PIPE SIZE INDICATED TO BE THE SAME AS INLET OF PRODUCT IT SUPPLIES, BUT NOT LESS THAN 1-INCH. LATERAL PIPE SIZES DOWNSTREAM OF LAST PIPE SIZE CALL OUT SHALL BE SAME AS THE LAST PIPE SIZE CALLED OUT, BUT NO LESS THAN 3/4-INCH.
25. ALL IRRIGATION EQUIPMENT SHALL BE AS LISTED OR EQUAL AS APPROVED BY THE DESIGNER OF RECORD.
26. SEE IRRIGATION DETAILS, TECHNICAL SPECIFICATIONS AND PLANTING PLANS AS PART OF THESE CONSTRUCTION DOCUMENTS.
27. ALL TRENCHING SHALL COMPLY WITH TREE PRESERVATION REQUIREMENTS. SEE PLANTING PLANS FOR ADDITIONAL INFORMATION.
28. CONTRACTOR SHALL FURNISH LAMINATED, COLORED LANDSCAPE IRRIGATION CONTROLLER CHARTS IN 11 X 17 SIZE SHEETS WITH ALL AS-BUILT INFORMATION SHOWN. DIGITAL COPIES SHALL BE PROVIDE TO THE CITY.

Keynotes:

Notes:

Santee — BE PROUD • BUILT TO LAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date Aug 22, 2025

INTERWEST — A RAINCOAST COMPANY
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT — BRIAN R. MATHER NO. 4 — Signature — Renewal Date 2/28/26 — Date 7/10/2025 — STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - IRRIGATION NOTES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
IMPROVEMENT PLANS FOR:	SANTEE COMMUNITY CENTER LANDSCAPE IRRIGATION NOTES	CIP 2018-31	L2.01
			SHEET 21 OF 294

Please Recycle

LANDSCAPE IRRIGATION DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION	REMARKS
	EXISTING MASTER VALVE	REMOVE EXISTING MASTER VALVE AND EXISTING VALVE BOX. REPLACE WITH WATTS VALVE MODEL C815-4SA-EC-NO-F, 3-INCH SIZE. INSTALL PER DETAIL 1 ON SHEET L2.54.
	EXISTING FLOW METER	REMOVE EXISTING FLOW METER AND EXISTING VALVE BOX. REPLACE WITH CALSENSE 1-1/2-INCH SCH 80 PVC TEE-MOUNTED ULTRASONIC FLOW METER MODEL FM 1.5U AS PROVIDED WITH CONTROLLER.INSTALL PER DETAIL 1 ON SHEET L2.54
	EXISTING IRRIGATION MAINLINE ISOLATION GATE VALVE	REMOVE VALVE ALONG WITH VALVE BOX. REPLACE AS NOTED ON PLAN.
	EXISTING QUICK COUPLING VALVE	REMOVE VALVE ALONG WITH VALVE BOX. DISPOSE OF PROPERLY.
	EXISTING REMOTE CONTROL VALVE	REMOVE VALVE ALONG WITH VALVE BOX. DISPOSE OF PROPERLY.
	EXISTING POP-UP ROTOR HEAD	REMOVE EXISTING POP-UP ROTOR HEAD ALONG WITH SWING JOINT AND ASSOCIATED LATERAL PIPE. DISPOSE OF PROPERLY.
	EXISTING POP-UP SPRAY HEAD	REMOVE EXISTING POP-UP SPRAY HEAD ALONG WITH SWING JOINT AND ASSOCIATED LATERAL PIPE. DISPOSE OF PROPERLY.
	EXISTING PVC PRESSURE MAINLINE PIPE	REMOVE AND DISPOSE OF PROPERLY.
FSC	EXISTING FLOW SENSOR CABLE WITHIN PVC CONDUIT PIPE	REMOVE AND DISPOSE OF PROPERLY.
	EXISTING PVC NON-PRESSURE LATERAL PIPE	REMOVE AND DISPOSE OF PROPERLY.
	EXISTING IRRIGATION MAINLINE ISOLATION GATE VALVE	PROTECT IN PLACE.
	EXISTING QUICK COUPLING VALVE	PROTECT IN PLACE.
	EXISTING REMOTE CONTROL VALVE	PROTECT IN PLACE.
12	EXISTING POP-UP ROTOR HEAD	PROTECT IN PLACE.
	EXISTING POP-UP SPRAY HEAD	PROTECT IN PLACE.
	EXISTING PVC PRESSURE MAINLINE PIPE	PROTECT IN PLACE.
FSC	EXISTING FLOW SENSOR CABLE WITHIN PVC CONDUIT PIPE	PROTECT IN PLACE.
	EXISTING PVC NON-PRESSURE LATERAL PIPE	PROTECT IN PLACE.
RWS	EXISTING RECYCLED WATER WARNING SIGN	PROTECT IN PLACE.

LANDSCAPE IRRIGATION EQUIPMENT LEGEND

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	REMARKS	DETAIL
F	CALSENSE	CS3-S -UPGRADE (SN:32266)/ CS3-8STA -KIT(2)/ CS3-GR -BUNDLE-2/ DOME -COVER-1	CONTROLLER 'F': 48 STATION CONTROLLER TO BE INSTALLED IN EXISTING FLIP TOP ENCLOSURE	REMOVE EXISTING 48 STATION (25 STATIONS UTILIZED) CALSENSE ET2000 CONTROLLER (SN:32266) AND RETURN TO CITY AND INSTALL CONTROLLER INTO EXISTING FLIP TOP ENCLOSURE. EXISTING POWER SUPPLY SHALL BE PROTECTED AND REUSED. REMOTE CONTROL VALVES WIRES (USED AND SPARES) SHALL BE PROTECTED AND RECONNECTED TO CONTROLLER. CONTRACTOR TO UTILIZE SPARE WIRES TO CONNECT TO NEW RCV'S OR SHALL CONNECT NEW WIRES TO CONTROLLER AND RUN WIRES OUT TO RCV LOCATIONS AS REQUIRED. CONTROLLER 'F' AND CONTROLLER 'Y' SHALL BE CONNECTED TO EACH OTHER VIA INSTALLATION OF A CONDUIT AND COMMUNICATION WIRE TO ALLOW FOR BOTH CONTROLLERS TO SHARE THE MASTER VALVE AND FLOW METER.	N/A
Y	CALSENSE	CS3-S -UPGRADE (SN:35889)/ CS3-SSE -ASSE,	CONTROLLER 'Y': 48 STATION CONTROLLER IN FLIP TOP ENCLOSURE TO REPLACE EXISTING CALSENSE CONTROLLER	REMOVE EXISTING YMCA 40 STATION (35 STATIONS UTILIZED) CALSENSE ET2000 CONTROLLER (SN:35889) WITH ENCLOSURE AND RETURN TO CITY. RETROFIT WITH CONTROLLER WITH NEW ENCLOSURE. EXISTING POWER SUPPLY SHALL BE PROTECTED AND REUSED. REMOTE CONTROL VALVES WIRES (USED AND SPARES) SHALL BE PROTECTED AND RECONNECTED TO CONTROLLER. REFER TO REMARK ABOVE FOR CONNECTION TO CONTROLLER 'F' TO SHARE SAME MASTER VALVE AND FLOW SENSOR	5-6/L2.53
	NIBCO	F-619-RWS-SON	MAINLINE ISOLATION GATE VALVE (4-INCH AND LARGER)	MAINLINE SIZE, DUCTILE IRON, RESILIENT WEDGE, FLANGED ENDS GATE VALVE	-
	CHEMTROL	TRU-BLOC	MAINLINE ISOLATION BALL VALVE (3-INCH AND SMALLER)	MAINLNE SIZE. SCH. 80 PVC BALL VALVE WITH NPT THREADED ENDS.	5/L2.51
	WEATHER-MATIC	7645-QCVLNP	QUICK COUPLING VALVE	1-INCH SIZE. ACME THREADED WITH PURPLE RUBBER LOCK COVER. SUPPLY WITH (2) VALVE KEYS (MODEL #7641-QCVKEY) AND MATCHING HOSE SWIVELS (MODEL #8812-ELL). INSTALL WITH HARCO QUICK COUPLER ANTI-ROTATION ANCHOR. LOCATE QCV AS SHOWN ON PLANS.	7/L2.51
NOT SHOWN	MATCO - NORCA	770G SERIES	REMOTE CONTROL VALVE ISOLATION BALL VALVE (2" AND SMALLER)	MANIFOLD SIZE. SCH. 80 PVC BODY BALL VALVE WITH NPT THREADED ENDS. BALL VALVES SHALL BE USED ONLY ON MANIFOLD SUB-MAINLINES OR AT EACH SINGLE RCV.	6/L2.51
NOT SHOWN	3M	-	MOISTURE RESISTANT WIRE SPLICE KITS	USE 3M DRY-SPLICE DS100 CONNECTION WITH DS300 PERMANENT SEALANT OR 3M 3570G EPOXY AT ALL SPLICES.	-
NOT SHOWN	-	-	PULL/ SPLICE BOXES	LOCATE PULL/ SPLICE BOXES AT LOCATIONS INDICATED ON PLANS, AND AS DIRECTED BY OWNER'S REPRESENTATIVE. ALL WIRING SHALL BE INSTALLED IN GRAY SCH. 40 PVC CONDUIT W/ SWEEPS.	8/L2.51
	RAIN BIRD	EFB-CP-PRS-D	REMOTE CONTROL VALVE (RCV)	SIZE PER PLAN. BRASS. INSTALL WITH PRS-DIAL ON VALVES WITH FLOWS GREATER THAN # GPM AND WITH AN UPSTREAM INLET PRESSURE GREATER THAN 60 PSI. SET MODULE PSI AS REQUIRED IN THE FIELD TO PROVIDE OPTIMUM DISTRIBUTION PERFORMANCE AND AS RECOMMENDED BY MFG'R. INSTALL WITHIN VALVE MANIFOLD WHEN GROUPED WITH OTHER VALVES. SIZE	8/L2.52 3,4/L2.51
	RAIN BIRD	REFER TO REMARKS	DRIP REMOTE CONTROL VALVE ASSEMBLY (DRCV)	SIZE PER PLAN. USE RAIN BIRD MODEL #XCZ-100-PRB-R FOR DRIP ZONES WITH FLOW RATES LESS THAN 20 GPM: USE RAIN BIRD MODEL #XCZ-150-LCDR FOR VALVES WITH FLOW RATES GREATER THAN 20 GPM AND UP TO 40 GPM.	3/L2,52 3,4/L2.51
	RW PIPE		RECYCLED WATER IRRIGATION PRESSURE MAINLINE PIPE	AS NOTED ON PLANS OR AS REQUIRED TO MATCH EX. USE PURPLE CLASS 200 PVC GASKET JOINT PIPE FOR 4-INCH AND LARGER MAINLINE; USE PURPLE CLASS 315 PVC FOR MAINLINE PIPE 2-INCH THRU 3-INCHES IN SIZE; USE PURPLE SCH. 40 PVC FOR MAINLINE PIPE 1-1/2-INCH AND SMALLER. INSTALL WITH COPPER TRACE WIRE PER SPECS. MAINLINE 2-1/2" AND LARGER SHALL BE INSTALLED WITH THRUST BLOCKS. GASKET JOINT PIPE SHALL BE INSTALLED WITH MECHANICAL JOINT RESTRAINTS.	1,2/L2.51 2,3/L2.54
	RW PIPE		RECYCLED WATER IRRIGATION NON-PRESSURE LATERAL PIPE	SIZE PER PLAN; PURPLE SCH. 40 PVC. SOLVENT WELD.	
	RW PIPE		RECYCLED WATER IRRIGATION PIPE/ CONTROL WIRES/ SENSOR WIRE/ SLEEVE	PURPLE SCH. 40 PVC. QUANTITIES SHOWN ON PLANS ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL PROVIDE SIZE AND QUANTITY AS REQUIRED. REFER TO PIPE/WIRE SLEEVING CHART FOR MORE INFORMATION. SLEEVES SHALL BE USED WHENEVER PIPE AND WIRES CROSS UNDER PAVING, HARDSCAPE, ETC., AND AS DIRECTED BY THE CITY.	
NOT SHOWN	N/A	N/A	THRUST BLOCK	TO BE INSTALLED ON MAINLINE 2-1/2" AND 3" IN SIZE.	2/L2.54
NOT SHOWN	VALCON	5000 SERIES	ANTI-DRAIN VALVE	USED ON ALL SPRINKLERS WITH LOW HEAD DRAINAGE UNCONTROLLABLE BY FACTORY INTEGRAL SPRINKLER HEAD CHECK VALVE.	-
	RW PIPE		RECYCLED WATER PRESSURE MAINLINE	6" SIZE (FIELD VERIFY). PURPLE PVC CLASS 200 IPS PLASTIC RUBBER O-RING GASKETED PIPE. ALL FITTINGS SHALL BE DUCTILE IRON UTILIZING MECHANICAL JOINT RESTRAINTS.	1,2/L2.51 3/L2.54
	PW PIPE		POTABLE WATER MAINLINE	4" SIZE (FIELD VERIFY). BLUE PVC CLASS 200 IPS PVC CLASS 200 IPS PLASTIC RUBBER O-RING GASKETED PIPE. ALL FITTINGS SHALL BE DUCTILE IRON UTILIZING MECHANICAL JOINT RESTRAINTS.	1,2/L2.51 3/L2.54
	PW PIPE		FLOW SENSOR CABLE	INSTALL CABLE (MATCH EXISTING) WITHIN PVC SCHEDULE 40 GRAY CONDUIT PIPE FROM FLOW SENSOR TO CONTROLLER. CONDUIT SIZE TO BE 1". INSTALL PULL BOXES NO FURTHER THAN 200' O.C.	1,2/L2.51
RWS	-	-	RECYCLED WATER WARNING SIGN	INSTALL PER DETAIL AND AS REQUIRED BY LOCAL JURISDICTIONS.	WM-08/ L2.54

LANDSCAPE IRRIGATION TREE BUBBLER EQUIPMENT

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	OPER. PSI	FLOW (GPM)	REMARKS	DETAIL
	RAIN BIRD	RWS-36-GRATE-P-B-C-1401/1401	ROOT WATERING SYSTEMS WITH PURPLE RECYCLED WATER GRATE (@ 24" AND 36" BOX TREES)	30	0.25	INSTALL (2) ROOT ZONE WATERING TUBES IN ADDITION TO (2) ON-GRADE BUBBLERS. TOTAL FLOW PER TREE: 1.0 GPM	3,4/L2.53

LANDSCAPE SUBSURFACE IRRIGATION EQUIPMENT

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	OPER. PSI	EMITTER FLOW (GPH)	MAX. ALLOWED HOZIN. SPACING	BURIAL DEPTH	DETAIL
	TORO	RGP 2-##-10-E	TYPICAL LANDSCAPE AREAS: PURPLE INLINE EMITTER DRIP LINE WITH TREFLAN TECHNOLOGY ROOT INTRUSION PROTECTION, AND CHECK VALVE. 12" EMITTER SPACING. GALV. STAKES 3' O.C.	30	0.53	12-INCHES	6-INCHES	4,5,6,7/ L2.52
			BIOINFILTRATION AREAS: PURPLE INLINE EMITTER DRIP LINE WITH TREFLAN TECHNOLOTY ROOT INTRUSION PROTECTION, AND CHECK VALVE. 12" EMITTER SPACING. GALV. STAKES 3' O.C.		1.00	12-INCHES	ON-SURFACE	

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	REMARKS	DETAIL
I	RAIN BIRD	OPERIND	DRIP SYSTEM OPERATION INDICATOR KIT	INSTALL AT APPROXIMATE LOCATIONS SHOWN ON PLAN. PROVIDE WITH NON-POTABLE CAP	2/L2.52
A	TORO	YD-500-34	AIR RELIEF VALVE	1/2" SIZE. INSTALL AT HIGH POINT(S) OF EACH ZONE.	-
F	NIBCO	4660-S	MANUAL FLUSH BALL VALVE	1/2" SIZE. PLUMB TO PVC EXHAUST HEADER. HEADER SIZE TO MATH SUPPLY HEADER SIZE. REFER TO PLAN. REFER TO GENERAL IRRIGATION NOTES FOR ADDITIONAL INFORMATION.	1/L2.52

OVERHEAD IRRIGATION EQUIPMENT - FIXED ARC SPRAY

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION/REMARK	NOZ.	OP. PSI	RAD.	90°	120°	180°	240°	270°	360°	DETAIL
10Q 10H 10F	RAIN BIRD	RD06-S-P-30-F-N P-#	PLASTIC POP-UP WITH 30 PSI REGULATED BODY,FACTORY INSTALLED DRAIN CHECK VALVE, FLOW-SHIELD, NON-POTABLE COVER AND FIXED SPRAY ARC NOZZLES.	10#	30	7.5' - 10'	0.39		0.79			1.58	1/L2.53
15Q 15H 15F	RAIN BIRD	RD06-S-P-30-F-N P-#	INSTALL 6" POP- UP HEIGHT MODELS (RD06) AT TURF AREAS ONLY. ALL OTHER AREAS SHALL UTILIZE 12" POP-UP HEIGHT MODELS (RD12) UNLESS OTHERWISE NOTED ON THE PLANS	15#	30	11.25' - 15'	0.92		1.85			3.70	

HYDROZONE CHART/ HYDROZONE TOTALS

CONTROLLER HYDROZONE CHART

Location: Santee, CA	Point-of-Connection: EX	Controller No.:	F
Project Name: Santee Comm. Center		Meter Size:	2"
Water Source: Recycled		Static Water pressure @ POC:	106
Address: N. Glendora Ave.		Maximum Peak Demand:	65 GPM

Valve Station No.	Hydrozone Number*	Irrigation Method	GPM	Precip. Rate (IN/HR)	Hydrozone Area	% of Total Landscape
F3	ZONE 1	ROOT WATERING SYSTEM	8.0	4.01	192	0.67%
F4	ZONE 1	ROOT WATERING SYSTEM	4.0	4.01	96	0.34%
F5	ZONE 2	SUBSURFACE DRIP	14.4	0.98	1,412	4.96%
F6	ZONE 0	ROTOR	N/A	N/A	N/A	N/A
F26	ZONE 2	SUBSURFACE DRIP	11.4	0.98	1,126	3.95%
F27	ZONE 2	SUBSURFACE DRIP	13.9	0.98	1,371	4.82%
F28	ZONE 2	SUBSURFACE DRIP	30.4	0.98	2,991	10.50%
F11	ZONE 1	ROOT WATERING SYSTEM	11.0	4.01	264	0.93%
F13	ZONE 2	SUBSURFACE DRIP	17.0	0.98	1,669	5.86%
F14	ZONE 2	SUBSURFACE DRIP	6.2	0.98	614	2.16%
F15	ZONE 3	SUBSURFACE DRIP	1.9	0.98	182	0.64%
F16	ZONE 3	SUBSURFACE DRIP	10.0	0.98	986	3.46%
F17	ZONE 2	SUBSURFACE DRIP	2.8	0.98	277	0.97%
F18	ZONE 1	ROOT WATERING SYSTEM	3.0	4.01	72	0.25%
F19	ZONE 2	SUBSURFACE DRIP	46.6	0.98	4,581	16.09%
F20	ZONE 3	SUBSURFACE DRIP	5.9	0.98	576	2.02%
F21	ZONE 1	ROOT WATERING SYSTEM	3.0	4.01	72	0.25%
F22	ZONE 2	SUBSURFACE DRIP	11.7	0.98	1,152	4.04%
F29	ZONE 2	SUBSURFACE DRIP	39.5	0.98	3,883	13.64%
F30	ZONE 2	SUBSURFACE DRIP	7.2	0.98	712	2.50%
F31	ZONE 2	SUBSURFACE DRIP	10.7	0.98	1,057	3.71%
F32	ZONE 0	SPRAY	N/A	N/A	N/A	N/A
F33	ZONE 0	SPRAY	N/A	N/A	N/A	N/A
F34	ZONE 1	STREAM SPRAY	11.0	0.48	2,207	7.75%
F35	ZONE 1	STREAM SPRAY	12.0	0.56	2,069	7.26%
F36	ZONE 2	SUBSURFACE DRIP	9.3	0.98	918	3.22%
* Refer to Hydrozone Key below.				TOTAL	28,479	100%

HYDROZONE TOTALS

Hydrozone Number	Hydrozone Key	Total Square Feet	% of Landscape Area
ZONE 0	EXISTING LANDSCAPING	0	N/A
ZONE 1	MODERATE WATER-USE TREE BUBBLERS	4,972	17.46%
ZONE 2	LOW WATER USE SHRUB/GC SUBSURFACE DRIP	21,763	76.42%
ZONE 3	MODERATE WATER USE SHRUB/GC SUBSURFACE DRIP	1,744	6.12%
ZONE 4	LOW WATER USE SHRUB/GC STREAM ROTOR	0	0.00%
	TOTAL:	28,479	100%

MAXIMUM NUMBER OF WIRES TO BE INSTALLED WITHIN SLEEVING OR CONDUIT (FOR REFERENCE ONLY)

WIRE SIZE	CONDUIT / SLEEVE SIZE						
	1.25"	1.5"	2"	2.5"	3"	4"	6"
	MAXIMUM AMOUNT OF WIRES ALLOWED						
14	1 - 18	25	40	56	88	120	120+
12	1 - 15	20	33	50	75	102	102+
10	1 -13	16	27	40	63	85	85+

CONDUIT/PIPE SLEEVE SIZING CHART (FOR REFERENCE USE ONLY)

SCHEDULE 40 PVC PIPE SLEEVE SIZE	MAX. IRRIGATION PIPE/ WIRE CONDUIT SIZE
1-1/2 - INCHES	1/2 - INCH
2 - INCHES	3/4 - INCH
2-1/2 - INCHES	1 - INCH
3 - INCHES	1-1/4 - INCHES
4 - INCHES	1-1/2 TO 2 - INCHES
SPARE SLEEVE SIZE TO MATCH SIZE OF LARGEST SLEEVE AT SAME LOCATION.	

PIPE SIZING CHART SCH. 40 IPS U.S. PVC PLASTIC PIPE (FOR REFERENCE USE ONLY)

PIPE SIZE	MAXIMUM GALLONS PER MINUTE
3/4 -INCH	6
1 - INCH	12
1-1/4 - INCHES	22
1-1/2 - INCHES	30
2 - INCHES	50
2-1/2 - INCHES	70
3 - INCHES	110

PIPE SIZING CHART CLASS 315 IPS U.S. PVC PLASTIC PIPE (FOR REFERENCE USE ONLY)

PIPE SIZE	MAXIMUM GALLONS PER MINUTE
2 - INCHES	48
2-1/2 - INCHES	70
3 - INCHES	100

Keynotes:

Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT
JOHN R. MATHER NO. 5874
Signature
2/28/26
Renewal Date
7/10/2025
Date
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - IRRIGATION LEGEND

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: N/A	J. LEAL	J. LEAL	E. MATHER
VERT: N/A	PLANS PREPARED UNDER THE SUPERVISION OF		DATE
	RCE NO.		EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER LANDSCAPE IRRIGATION LEGEND

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.02
SHEET 22 OF 294

Please Recycle

DEMOLITION PLAN KEY NOTES (KEY NOTES APPLY TO THIS SHEET ONLY):

1 APPROXIMATE LOCATION OF EXISTING 2-INCH RECYCLED WATER IRRIGATION MAINLINE TO REMAIN. PROTECT IN PLACE. REFER TO IRRIGATION DEMOLITION PLAN SHEET L2.11 FOR EXISTING MAINLINE CONTINUATION. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM ROUTING AND EXTENT OF LANDSCAPE AREAS SERVICED BY THE EXISTING MAINLINE.

2 APPROXIMATE LOCATION OF EXISTING 2-1/2-INCH RECYCLED WATER IRRIGATION MAINLINE TO REMAIN. PROTECT IN PLACE. REFER TO IRRIGATION DEMOLITION PLAN SHEET L2.11 FOR EXISTING MAINLINE CONTINUATION. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM ROUTING AND EXTENT OF LANDSCAPE AREAS SERVICED BY THE EXISTING MAINLINE.

3 APPROXIMATE LOCATION OF EXISTING 6-INCH RECYCLED WATER IRRIGATION MAINLINE TO REMAIN. PROTECT IN PLACE. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM ROUTING AND EXTENT OF LANDSCAPE AREAS SERVICED BY THE EXISTING MAINLINE.

4 APPROXIMATE LOCATION OF EXISTING 4-INCH POTABLE WATER-COOLING SYSTEM MAINLINE TO REMAIN. PROTECT IN PLACE. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM EXISTING MAINLINE ROUTING.

5 APPROXIMATE LOCATION OF EXISTING FLOW SENSOR COMMUNICATION CABLE WITHIN 1-INCH FLOW SENSOR CONDUIT TO REMAIN. PROTECT IN PLACE.

6 CUT EXISTING 2-INCH RECYCLED WATER MAINLINE AND INTERCEPT EXISTING REMOTE CONTROL WIRES IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE AND WIRES DOWNSTREAM OF THIS POINT IN PLACE. REFER TO IRRIGATION PLAN SHEET 2.12 FOR MAINLINE AND WIRE RELOCATION.

7 CUT EXISTING 2-1/2-INCH RECYCLED WATER MAINLINE AND INTERCEPT EXISTING REMOTE CONTROL WIRES IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE AND WIRES DOWNSTREAM OF THIS POINT IN PLACE. REFER TO IRRIGATION PLAN SHEET 2.12 FOR MAINLINE AND WIRE RELOCATION.

8 CUT EXISTING 6-INCH RECYCLED WATER MAINLINE IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE BETWEEN LIKE CALLOUTS. REFER TO IRRIGATION PLAN SHEET 2.12 FOR MAINLINE RELOCATION.

9 CUT EXISTING 4-INCH POTABLE WATER-COOLING SYSTEM MAINLINE IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE BETWEEN LIKE CALLOUTS. REFER TO IRRIGATION PLAN SHEET 2.12 FOR MAINLINE RELOCATION.

10 CUT EXISTING FLOW SENSOR COMMUNICATION CABLE AND CONDUIT IN THIS APPROXIMATE LOCATION. ABANDON EXISTING CONDUIT/CABLE BETWEEN LIKE CALLOUTS. REFER TO IRRIGATION PLAN SHEET 2.12 FOR CONDUIT/CABLE RELOCATION.

11 REMOVE EXISTING REMOTE CONTROL VALVE (1-1/4" SIZE) AND DISPOSE OF PROPERLY. CAP AND PROTECT EXISTING MANIFOLD PIPING AND CONTROL WIRES FOR REUSE.

12 REMOVE EXISTING IRRIGATION HEADS AND DISPOSE OF PROPERLY. ASSOCIATED EXISTING LATERAL LINES AND SLEEVES SHALL BE ABANDONED IN PLACE.

13 APPROXIMATE LOCATION OF EXISTING TELEPHONE LINE FROM EXISTING CAMERON FAMILY YMCA BUILDING TO CONTROLLER 'F' TO REMAIN. FIELD VERIFY. PROTECT IN PLACE.

14 REMOVE EXISTING REMOTE CONTROL VALVE AND ASSOCIATED EXISTING IRRIGATION HEADS AND DISPOSE OF PROPERLY. ASSOCIATED EXISTING LATERAL LINES SHALL BE ABANDONED IN PLACE OR REMOVED AS REQUIRED TO FACILITATE THE INSTALLATION OF IRRIGATION SYSTEM.

15 REMOVE EXISTING QUICK COUPLER VALVE AND RETURN TO CITY.

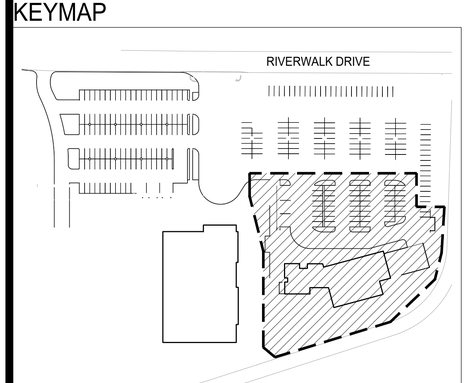
16 REMOVE EXISTING ISOLATION GATE VALVE AND RETURN TO CITY.

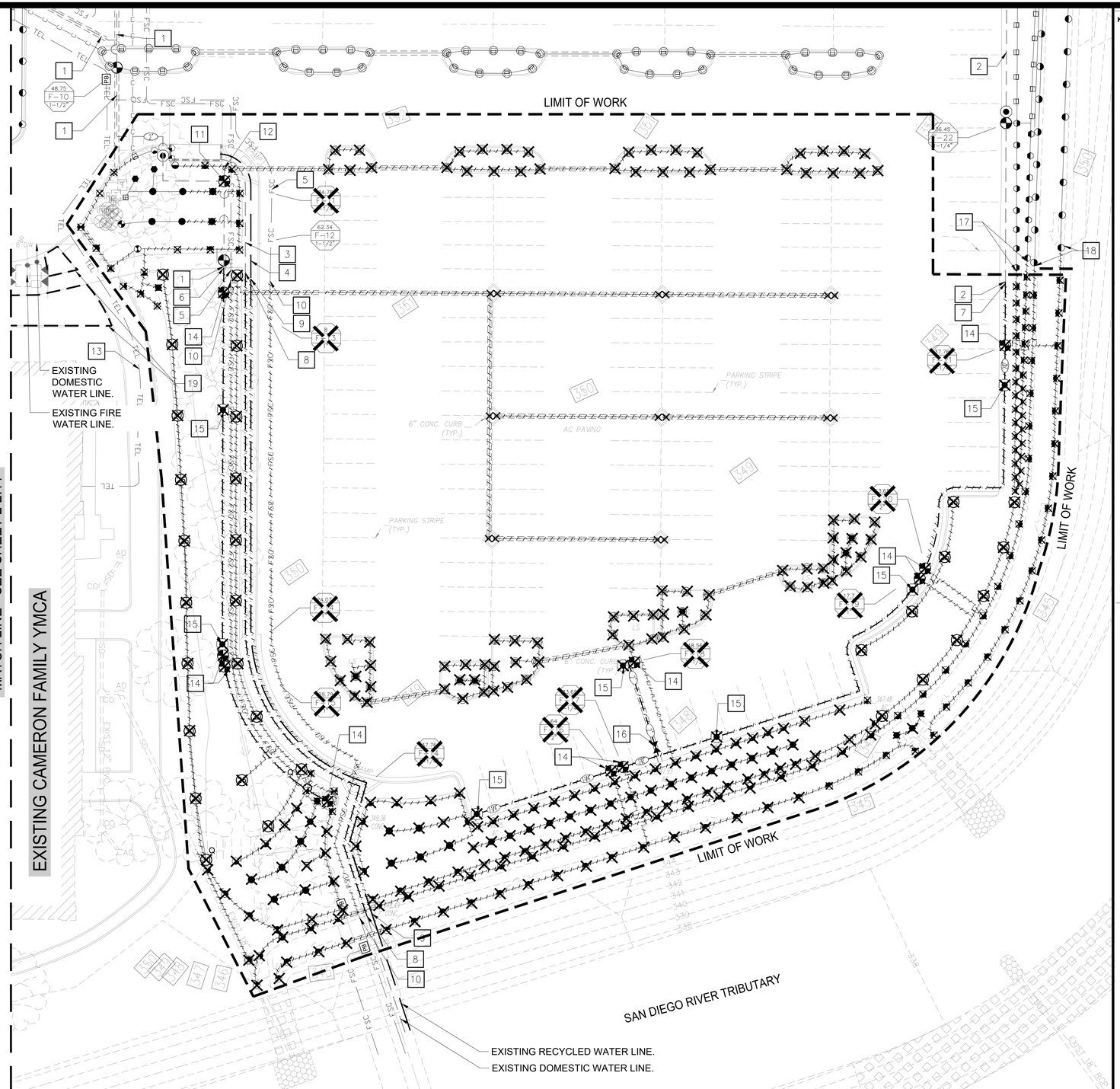
17 CUT AND CAP EXISTING LATERAL LINE IN APPROXIMATE LOCATION. ABANDON LATERAL LINE DOWNSTREAM OF EXISTING SPRINKLER HEAD TO REMAIN.

18 CUT AND CAP EXISTING LATERAL LINE IN APPROXIMATE LOCATION. ABANDON LATERAL LINES UPSTREAM OF EXISTING SPRINKLER HEADS. EXISTING LATERAL LINES AND SPRINKLERS TO REMAIN SHALL BE RECONNECTED TO REMOTE CONTROL VALVE(S). REFER TO IRRIGATION PLAN SHEET L2.12 FOR ADDITIONAL INFORMATION.

19 EXISTING IRRIGATION SYSTEM WITHIN AREA TO REMAIN IN SERVICE. PROTECT IN PLACE AND MODIFY AS REQUIRED. REFER TO LANDSCAPE IRRIGATION PLAN SHEETS FOR MODIFICATIONS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.

KEYMAP





NOTICE REGARDING RECORD DRAWINGS

THE INFORMATION SHOWN ON THESE RECORD DRAWINGS HAS BEEN PROVIDED BY THE CONTRACTOR OF RECORD. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THE AS-BUILT INFORMATION PROVIDED BY THE CONTRACTOR, AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

0 10' 20' 40'

NORTH

Keynotes:

Notes:

Santee
CA LEGEND IN THE MAKING

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22**, 202**5**

INTERWEST
A WATTSAVE COMPANY
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT
BRIAN R. MATHER NO. 4764
Signature
2/28/26
Renewal Date
7/10/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO. _____	DATE _____ EXPIRES _____	

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

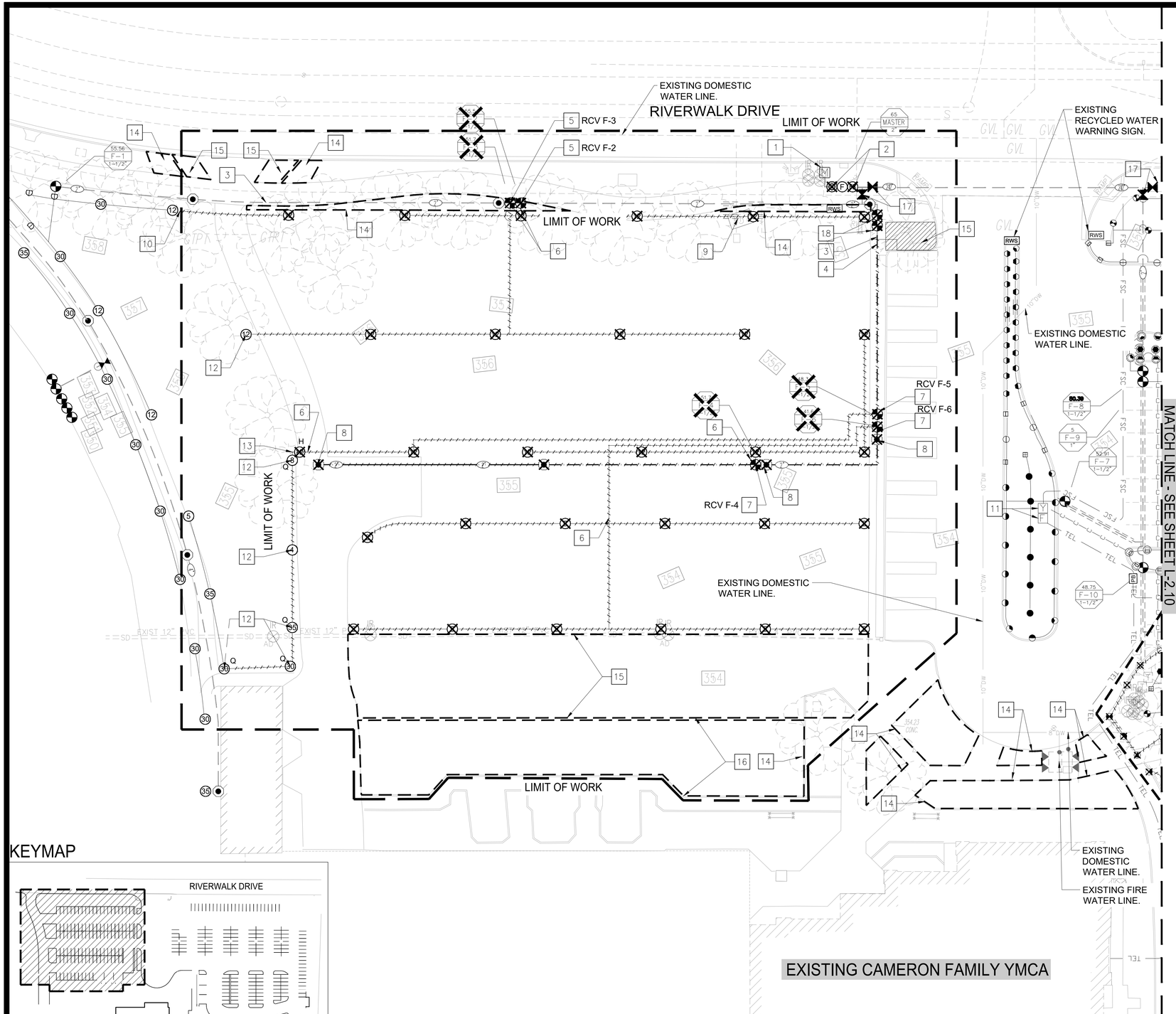
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DEMO PLAN

CITY W.O. NO.: CIP 2018-31

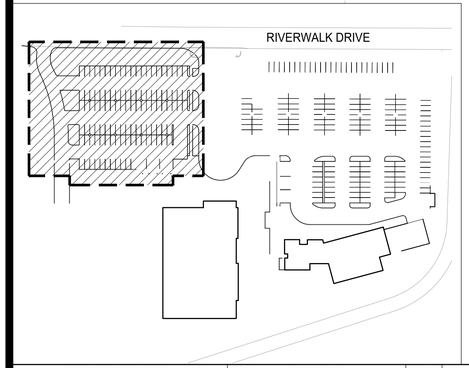
DRAWING NO.: L2.10
SHEET 23 OF 294

SANTEE COMMUNITY CENTER - IRRIGATION DEMOLITION PLAN

Please Recycle



KEYMAP



DEMOLITION PLAN KEY NOTES (KEY NOTES APPLY TO THIS SHEET ONLY):

1. EXISTING 2-INCH RECYCLED WATER METER TO REMAIN. PROTECT IN PLACE. FIELD VERIFY. MAXIMUM EXISTING DEMAND OF 65 GPM AND A MINIMUM STATIC PRESSURE OF 106 PSI. (AS-BUILT POC ID #5).
2. EXISTING MASTER VALVE AND FLOW METER TO BE REMOVED AND REPLACED. REFER TO LANDSCAPE IRRIGATION LEGEND FOR MAKE AND MODEL OF NEW EQUIPMENT.
3. APPROXIMATE LOCATION OF EXISTING 2-INCH RECYCLED WATER MAINLINE AND REMOTE CONTROL WIRES TO REMAIN. PROTECT IN PLACE. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM EXISTING MAINLINE ROUTING AND EXTENT OF LANDSCAPE AREAS SERVICED BY THE EXISTING MAINLINE.
4. CUT EXISTING MAINLINE AND INTERCEPT EXISTING REMOTE CONTROL WIRES IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE AND REMOTE CONTROL WIRES DOWNSTREAM OF THIS POINT IN PLACE OR REMOVE AS REQUIRED TO INSTALL 2-INCH MAINLINE. LOCATE AND PROTECT EXISTING REMOTE CONTROL WIRES FOR REUSE. REFER TO IRRIGATION PLAN SHEET L2.13 FOR CONNECTION OF MAINLINE TO EXISTING MAINLINE, ROUTING OF MAINLINE TO PARKING LOT PLANTERS AND EXISTING PLANTER AREAS, AND EXTENSION OF EXISTING WIRES TO REMOTE CONTROL VALVES.
5. REMOVE EXISTING REMOTE CONTROL VALVE (1-1/2" SIZE) AND DISPOSE OF PROPERLY. CAP AND PROTECT EXISTING MANIFOLD PIPING AND PROTECT EXISTING CONTROL WIRES FOR REUSE. REFER TO IRRIGATION PLAN SHEET L2.13.
6. REMOVE EXISTING IRRIGATION ROTORS HEADS AND ABANDON EXISTING LATERAL LINE PIPING DOWNSTREAM OF EXISTING REMOTE CONTROL IN PLACE. REFER TO IRRIGATION PLAN SHEET L2.13 FOR IRRIGATION IMPROVEMENTS WITHIN THESE AREAS.
7. REMOVE EXISTING REMOTE CONTROL VALVE, ASSOCIATED SPRINKLERS AND LATERAL PIPE AND DISPOSE OF PROPERLY.
8. REMOVE EXISTING QUICK COUPLER VALVE AND DISPOSE OF PROPERLY.
9. PROTECT EXISTING SLEEVE IN PLACE FOR REUSE.
10. CUT AND CAP EXISTING LATERAL LINE IN APPROXIMATE LOCATION. REMOVE EXISTING LATERAL LINE DOWNSTREAM OF EXISTING ROTOR HEAD TO REMAIN.
11. APPROXIMATE LOCATION OF EXISTING AUTOMATIC IRRIGATION CONTROLLER 'F' AND 'Y'. CONTRACTOR SHALL FIELD VERIFY LOCATION. CONTROLLERS TO BE REPLACED/UPGRADED. CONTRACTOR TO PROTECT POWER SOURCE, REMOTE CONTROL WIRES, SENSOR AND COMMUNICATION CABLES/WIRES AND ANY OTHER EXISTING COMPONENT REQUIRED AS PART OF THE UPGRADE. REFER TO IRRIGATION PLANS. CONTROLLER 'F' HAS 48 STATIONS WITH 25 STATIONS UTILIZED. CONTROLLER 'Y' HAS 40 STATIONS WITH 35 STATIONS UTILIZED.
12. EXISTING ROTOR HEAD TO BE REPLACED AND RELOCATED. REFER TO IRRIGATION PLAN SHEET FOR ROTOR AND LATERAL PIPING LOCATION.
13. CUT EXISTING LATERAL PIPE IN THE APPROXIMATE LOCATION. REMOVE EXISTING LATERAL LINE UPSTREAM OF EXISTING ROTOR HEAD. REFER TO IRRIGATION PLAN SHEET L2.13 FOR LATERAL LINE EXTENSION AND CONNECTION TO ROTOR HEADS.
14. EXISTING IRRIGATION SYSTEM WITHIN AREA TO REMAIN IN SERVICE. PROTECT IN PLACE AND MODIFY AS REQUIRED. REFER TO LANDSCAPE IRRIGATION PLAN SHEETS FOR MODIFICATIONS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
15. REMOVE EXISTING IRRIGATION SYSTEM COMPONENTS AS REQUIRED TO INCORPORATE NEW CONSTRUCTION. CONTRACTOR SHALL RELOCATE EXISTING MAINLINE AND REMOTE CONTROL WIRES ENCOUNTERED TO AREA OUTSIDE OF NEW CONSTRUCTION AS DIRECTED BY CLIENT REPRESENTATIVE.
16. REMOVE EXISTING IRRIGATION SYSTEM WITHIN AREA. PROTECT EXISTING MAINLINE, REMOTE CONTROL WIRES AND ANY OTHER PERTINENT COMPONENTS NECESSARY TO MAINTAIN EX. IRRIGATION SYSTEM OPERATIONAL AND TO ALLOW CONNECTION OF EQUIPMENT PROPOSED. REFER TO L2.13.
17. REMOVE EXISTING ISOLATION VALVES AND REPLACE WITH SCH. 80 PVC BALL VALVES. REFER TO IRRIGATION EQUIPMENT LEGEND FOR MAKE AND MODEL. MATCH EXISTING PIPE SIZE.
18. REMOVE EXISTING REMOTE CONTROL VALVES AND REPLACE WITH RAIN BIRD BRASS GLOBE PATTERN ELECTRIC REMOTE CONTROL VALVE MODEL ###-EFB-CP-PRS-D. SIZE TO MATCH EX. VALVE BEING REPLACED. REUSE EXISTING WIRES.

Keynotes:

Notes:

NOTICE REGARDING RECORD DRAWINGS

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0 10' 20' 40'

NORTH

Santee

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22**, 2025

INTERWEST
A Kimley»Horn Company
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT
BRIAN R. MATHER NO. 4764
Signature
2/28/26
Renewal Date
7/10/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DEMO PLAN

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.11

SHEET 24 OF 294

SANTEE COMMUNITY CENTER - IRRIGATION DEMOLITION PLAN

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

GENERAL IRRIGATION NOTES

1. REFER TO THE RECYCLED WATER IRRIGATION NOTES ON SHEET L2.00 AND THE GENERAL IRRIGATION NOTES ON SHEET L2.01.
2. REFER TO THE IRRIGATION EQUIPMENT LEGEND ON SHEET L2.02.
3. REFER TO THE IRRIGATION DEMOLITION PLANS ON SHEETS L2.10 AND L2.11.
4. REFER TO THE IRRIGATION PLANS ON SHEETS L2.12 AND L2.13.
5. REFER TO THE IRRIGATION DETAILS ON SHEETS L2.51, L2.52 AND L2.53.
6. ALL MAINLINE, LATERAL PIPE, VALVES, AND OTHER IRRIGATION SYSTEM APPURTENANCES SHOWN IN PAVED AREA IS FOR GRAPHICAL CLARITY ONLY. CONTRACTOR TO PLACE MAINLINE, LATERAL PIPE, VALVES AND ALL IRRIGATION APPURTENANCES WITHIN ADJACENT PLANTING AREAS UNLESS NOTED OTHERWISE ON THE PLANS.
7. CONTRACTOR SHALL ROUTE ALL IRRIGATION MAINLINE, LATERAL PIPE AND SLEEVES AROUND ALL SERVICE LINES, UTILITIES, STORM DRAINAGE FACILITIES, ETC. IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD. INSTALL IRRIGATION PIPE BELOW STORM DRAINAGE PIPES WHERE REQUIRED TO MAINTAIN THE MINIMAL DEPTH REQUIREMENTS.

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND AND SLEEVE CHART ON SHEET L2.02 FOR TYPE AND SIZE. INSTALL ONE PER EACH PIPE OR CONDUIT

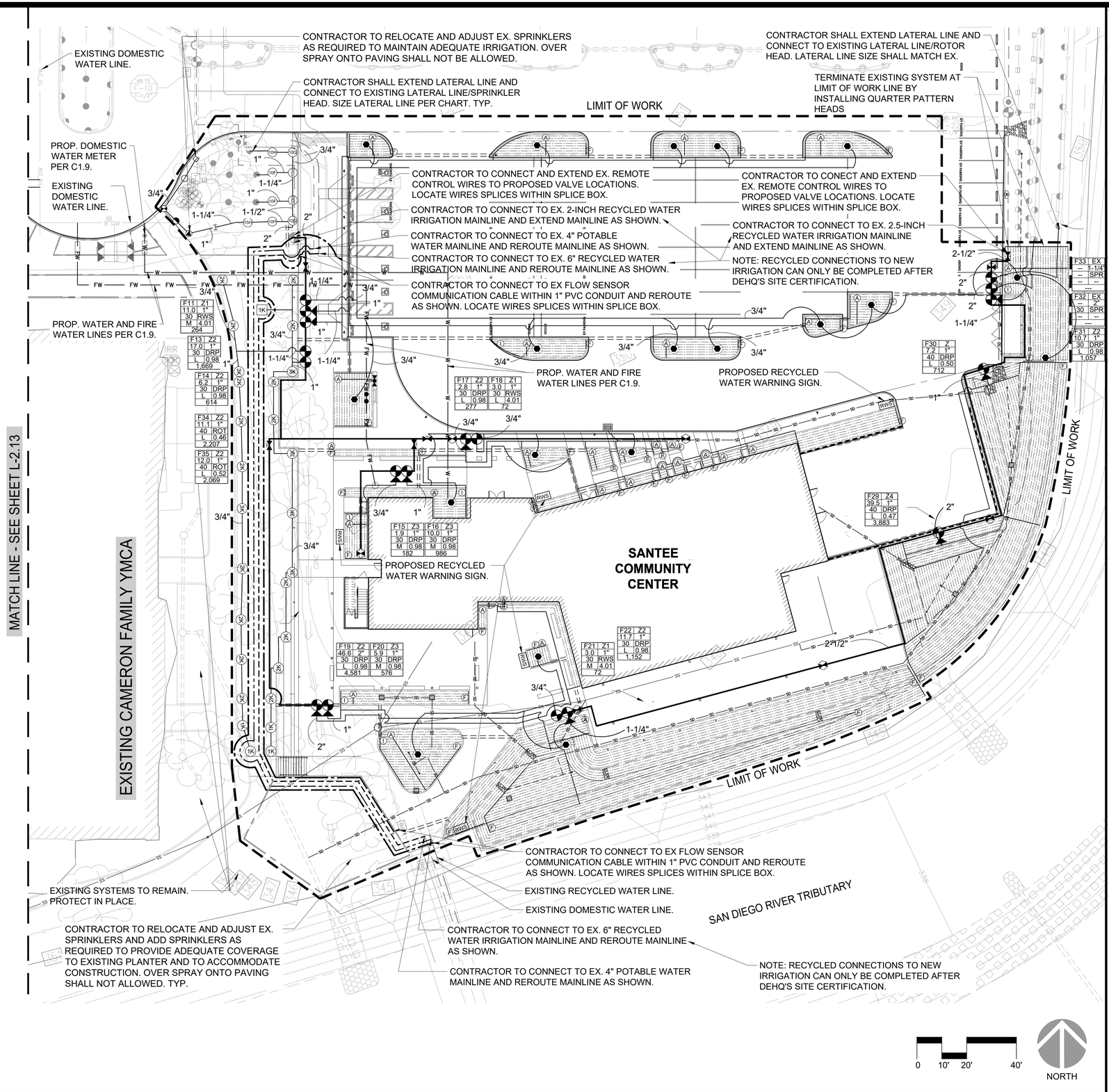
VALVE CALLOUT

CONTROLLER/STATION	A17	Z1	HYDROZONE DESCRIPTION*
FLOW (GPM)	5.4	1"	VALVE SIZE
OPERATING PRESSURE (PSI)	30	DRP	IRRIGATION METHOD (BELOW)
HYDROZONE WATER-USE	L	0.85	PRECIP. RATE (IN./HR.)
	631		HYRDOZONE AREA (SF)

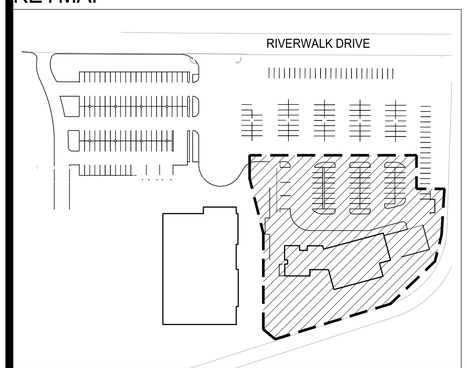
*REFER TO HYDROZONE CHART

IRRIGATION METHOD:
- RWS - TREE ROOT WATERING SYSTEM
- DRP - SUB-SURFACE DRIP GRID
- ROT - POP-UP STREAM SPRAY
- SPR - POP-UP SPRAY
- RTR - POP-UP ROTOR

1-1/2" PIPE SIZING CALLOUT



KEYMAP



Keynotes:

Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT
BRIAN R. MATHER NO. 4924
Signature
2/28/26
Renewal Date
7/10/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER LANDSCAPE IRRIGATION PLAN

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.12
SHEET 25 OF 294

SANTEE COMMUNITY CENTER - IRRIGATION PLAN

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

CONTRACTOR TO RELOCATE AND ADJUST EX. SPRINKLERS AND ADD SPRINKLERS AS REQUIRED TO PROVIDE ADEQUATE COVERAGE TO EXISTING PLANTER AND TO ACCOMMODATE CONSTRUCTION. OVER SPRAY ONTO PAVING SHALL NOT BE ALLOWED.

EXISTING DOMESTIC WATER LINE.

RIVERWALK DRIVE

LIMIT OF WORK

PROPOSED RECYCLED WATER WARNING SIGN.

EXISTING RECYCLED WATER WARNING SIGN TO REMAIN.

EXISTING DOMESTIC WATER LINE.

PROPOSED RECYCLED WATER WARNING SIGN.

APPROXIMATE EXTENT OF DRIPLINE. CONTRACTOR TO ADJUST AND ADD ADDITIONAL DRIPLINE AS REQUIRED TO PROVIDE FULL COVERAGE OF THE ENTIRE LANDSCAPE AREA NOT BEING IRRIGATED BY THE EXISTING SPRAY SYSTEM

INSTALL DRIP LINE AT GRADE IN THIS AREA TO LIMIT DISTURBANCE TO THE ROOTS OF THE EXISTING TREE.

NOTE: RECYCLED CONNECTIONS TO NEW IRRIGATION CAN ONLY BE COMPLETED AFTER DEHQ'S SITE CERTIFICATION.

CONTRACTOR TO CONECT AND EXTEND EX. REMOTE CONTROL WIRES TO PROPOSED VALVE LOCATIONS. LOCATE WIRES SPLICES WITHIN SPLICE BOX.

CONTRACTOR TO CONNECT TO EX. 2-INCH RECYCLED WATER IRRIGATION MAINLINE AND EXTEND MAINLINE AS SHOWN AND AS REQUIRED TO MAINTAIN EX. SYSTEM OPERATIONAL.

EXISTING DOMESTIC WATER LINE.

MATCH LINE - SEE SHEET L-2.12

CONNECT CONTROLLERS TO EXISTING 120 VOLT POWER SUPPLY PER LOCAL CODES. CONNECT ALL EXISTING CONTROL VALVE WIRING IN SAME SEQUENCE AS OLD CONTROLLER. CONNECT WIRES TO CONTROLLER AND ROUTE TO REMOTE CONTROL VALVES ALONG MAINLINE PATH AS REQUIRED IF SPARE WIRES ARE NOT AVAILABLE. FIELD VERIFY.

LOCATE ROTOR HEADS 24" FROM BACK OF CURB AND HARDSCAPE AREAS, TYP.

CONTRACTOR SHALL EXTEND LATERAL LINE AND CONNECT TO EXISTING LATERAL LINE/ROTOR HEAD. LATERAL LINE SIZE SHALL MATCH EX.

PROPOSED DOMESTIC WATER LINES PER C1.9.

PROPOSED DOMESTIC WATER METERS PER C1.9.

PROPOSED RECYCLED WATER WARNING SIGN.

EXISTING DOMESTIC WATER LINE.

PROP. DOMESTIC WATER METER PER C1.9.

EXISTING DOMESTIC WATER LINE.

LIMIT OF WORK

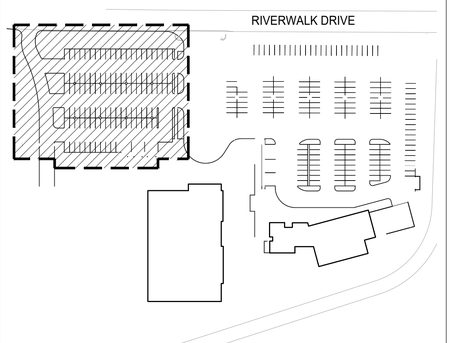
CONTRACTOR TO RELOCATE AND ADJUST EX. SPRINKLERS AND ADD SPRINKLERS AS REQUIRED TO PROVIDE ADEQUATE COVERAGE TO EXISTING PLANTER AND TO ACCOMMODATE CONSTRUCTION. OVER SPRAY ONTO PAVING SHALL NOT ALLOWED. TYP.

PROP. WATER AND FIRE WATER LINES PER C1.9.

CONTRACTOR TO RELOCATE AND ADJUST EX. SPRINKLERS AND ADD SPRINKLERS AS REQUIRED TO PROVIDE ADEQUATE COVERAGE TO EXISTING PLANTER AND TO ACCOMMODATE CONSTRUCTION. OVER SPRAY ONTO PAVING SHALL NOT ALLOWED. TYP.

EXISTING CAMERON FAMILY YMCA

KEYMAP



GENERAL IRRIGATION NOTES

1. REFER TO THE RECYCLED WATER IRRIGATION NOTES ON SHEET L2.00 AND THE GENERAL IRRIGATION NOTES ON SHEET L2.01.
2. REFER TO THE IRRIGATION EQUIPMENT LEGEND ON SHEET L2.02.
3. REFER TO THE IRRIGATION DEMOLITION PLANS ON SHEETS L2.10 AND L2.11.
4. REFER TO THE IRRIGATION PLANS ON SHEETS L2.12 AND L2.13.
5. REFER TO THE IRRIGATION DETAILS ON SHEETS L2.51, L2.52 AND L2.53.
6. ALL MAINLINE, LATERAL PIPE, VALVES, AND OTHER IRRIGATION SYSTEM APPURTENANCES SHOWN IN PAVED AREA IS FOR GRAPHICAL CLARITY ONLY. CONTRACTOR TO PLACE MAINLINE, LATERAL PIPE, VALVES AND ALL IRRIGATION APPURTENANCES WITHIN ADJACENT PLANTING AREAS UNLESS NOTED OTHERWISE ON THE PLANS.
7. CONTRACTOR SHALL ROUTE ALL IRRIGATION MAINLINE, LATERAL PIPE AND SLEEVES AROUND ALL SERVICE LINES, UTILITIES, STORM DRAINAGE FACILITIES, ETC. IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD. INSTALL IRRIGATION PIPE BELOW STORM DRAINAGE PIPES WHERE REQUIRED TO MAINTAIN THE MINIMAL DEPTH REQUIREMENTS.

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND AND SLEEVE CHART ON SHEET L2.02 FOR TYPE AND SIZE. INSTALL ONE PER EACH PIPE OR CONDUIT

VALVE CALLOUT

CONTROLLER/STATION	A17	Z1
FLOW (GPM)	5.4	1"
OPERATING PRESSURE (PSI)	30	DRP
HYDROZONE WATER-USE	L	0.85
	631	

- CONTROLLER/STATION → HYDROZONE DESCRIPTION*
- FLOW (GPM) → VALVE SIZE
- OPERATING PRESSURE (PSI) → IRRIGATION METHOD (BELOW)
- HYDROZONE WATER-USE → PRECIP. RATE (IN./HR.)
- 631 → HYRDOZONE AREA (SF)

*REFER TO HYDROZONE CHART

IRRIGATION METHOD:
- RWS - TREE ROOT WATERING SYSTEM
- DRP - SUB-SURFACE DRIP GRID
- ROT - POP-UP STREAM SPRAY
- SPR - POP-UP SPRAY
- RTR - POP-UP ROTOR

1-1/2" PIPE SIZING CALLOUT

0 10' 20' 40'

NORTH

Keynotes:

Notes:

Santee — GO RIDGE & DUB EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST — A RAFTELIS COMPANY
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT — BRIAN R. MATHER NO. 5854 — Expiration Date: 2/28/26 — Renewal Date: 7/10/2025 — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS
CONTRACTOR:				
INSPECTOR:				
DATE COMPLETED				

BENCH MARK

SCALE
HORIZ: AS SHOWN
VERT: AS SHOWN

DESIGNED BY	DRAWN BY	CHECKED BY
J. LEAL	J. LEAL	E. MATHER

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. ____ DATE ____ EXPIRES ____

REVIEWED 08/26/2025
BY ____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION PLAN

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.13
SHEET 26 OF 294

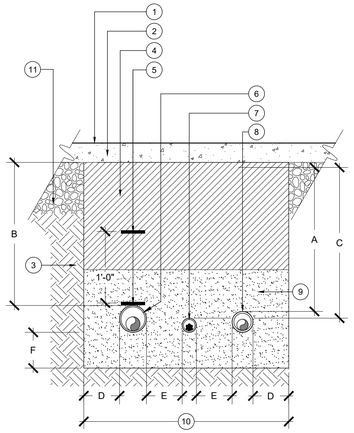
SANTEE COMMUNITY CENTER - IRRIGATION PLAN

Please Recycle

DEPTH	A	B	C	D	E	F
4" AND LARGER	N/A	30"	N/A	6"	6"	6"
3" AND SMALLER	24"	24"	N/A	6"	6"	6"
2-1/2" AND SMALLER	24"	24"	N/A	6"	6"	6"
CONTROL WIRES	N/A	N/A	24"	6"	6"	6"

NOTES:

1. DIG SIDES OF TRENCH SQUARE AND CLEAN OFF ALL SHARP MATERIAL.
2. NON-PRESSURE PIPES RUNNING PARALLEL TO EACH OTHER MUST HAVE A MIN. CLEARANCE OF 6" FROM EACH OTHER.
3. IRRIGATION PIPES SHALL HAVE A MIN. CLEARANCE OF 24" FROM OTHER TRADES.
4. PROVIDE A 24" LOOP IN ALL WIRING AT CHANGES IN DIRECTION.
5. CONTRACTOR MUST ADJUST MAINLINE AS REQUIRED TO AVOID OTHER ELEMENTS.
6. ALL SLEEVES MUST EXTEND 12" MIN. DISTANCE PAST CURB OR PAVEMENT EDGES.
7. SEE CIVIL SPECS. FOR MIN. DEPTH REQUIRED FOR TOP OF SLEEVE BELOW ROAD BASE.
8. ALL SYMBOLS ARE TYPICAL.
9. SLEEVES TO BE TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE CARRIED. MIN. SLEEVE SIZE UNDER VEHICULAR PAVING SHALL BE 4" DIA.
10. RECYCLED WATER DETECTABLE WARNING TAPE SHALL BE PROVIDED FOR ALL PRESSURE MAINLINES, STANDARD 5 MIL. THICKNESS, 3" WIDTH WITH ALUMINUM CORE. PERMANENTLY PRINTED AND A.P.W.A. UNIFORM COLOR CODE.
11. SLEEVES AT CURB OR EDGE OF HARDSCAPE SHALL EXTEND 12" BACK UNDER HARDSCAPE.
12. MAINTAIN A SEPARATION OF 6" BETWEEN PARALLEL LATERAL LINES.



SECTION VIEW

1. FINISH GRADE.
2. VEHICULAR OR PEDESTR. PAVING.
3. UNDISTURBED NATIVE SOIL.
4. COMPACTED BACKFILL OVER INITIAL SAND BEDDING:
   - BENEATH VEHICULAR PAVEMENT SHALL BE COMPACTED CLASS II AGG., DEPTH AND COMPACTION PER ENGINEER'S PLANS
   - BENEATH NON-VEHICULAR PAVEMENT SHALL BE NATIVE SITE SOIL. NO PARTICLES GREATER THAN 1". COMPACT PER SPECS.
5. RECYCLED WATER DETECTABLE WARNING TAPES PER SPECS. PROVIDE (2) AT MAINLINE AS SHOWN.
6. PRESSURE MAINLINE PIPE SLEEVE, PER LEGEND.
7. CONTROL WIRE SLEEVE, PER LEGEND.
8. NON-PRESSURE LATERAL LINE SLEEVE, PER LEGEND.
9. 6" BEDDING DEPTH BELOW MAINLINE W/ 6" COVER. SAND (S.E. 30 OR BETTER) BACKFILL COMPACTED TO THE DENSITY OF EXISTING SOIL.
10. 9" MIN. OR AS NEEDED TO PROVIDE FOR A MINIMUM 6" CLEARANCE BETWEEN PIPES.
11. PAVEMENT SUBGRADE - AS PER ENGINEER'S PLANS

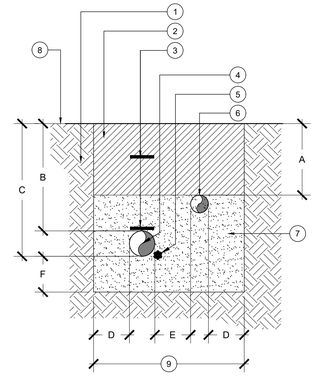
2 TRENCHING - BENEATH PAVING

Scale: N.T.S.

DEPTH	A	B	C	D	E	F
4" AND LARGER	N/A	24"	N/A	6"	6"	6"
3" AND SMALLER	12"	18"	N/A	6"	6"	6"
2-1/2" AND SMALLER	12"	18"	N/A	6"	6"	6"
CONTROL WIRES	N/A	N/A	BELOW MAINLINE	6"	6"	6"

NOTES:

1. ALL SYMBOLS ARE TYPICAL.
2. DIG SIDES OF TRENCH SQUARE AND CLEAN OF ALL SHARP MATERIAL.
3. NON-PRESSURE PIPES RUNNING PARALLEL TO EACH OTHER MUST HAVE A MIN. CLEARANCE OF 6" FROM EACH OTHER.
4. IRRIGATION PIPES SHALL HAVE A MIN. CLEARANCE OF 24" FROM OTHER TRADES.
5. PROVIDE A 24" LOOP IN ALL WIRING AT CHANGES IN DIRECTION.
6. CONTRACTOR MUST ADJUST MAINLINE AS REQUIRED TO AVOID OTHER ELEMENTS.
7. DETECTABLE WARNING TAPE SHALL BE PROVIDED FOR ALL PRESSURE MAINLINES. STANDARD 5 MIL. THICKNESS, 3" WIDTH WITH ALUMINUM CORE PERMANENTLY PRINTED AND A.P.W.A. UNIFORM COLOR CODE.

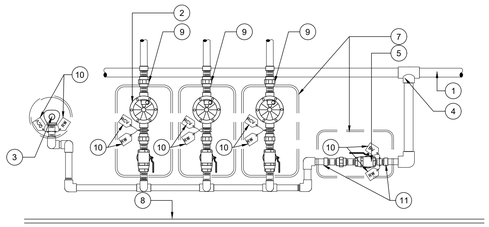


SECTION VIEW

1. UNDISTURBED NATIVE SOIL.
2. COMPACTED NATIVE BACKFILL OVER INITIAL SAND BEDDING. NO PARTICLES GREATER THAN 1". COMPACT PER SPECS.
3. RECYCLED WATER DETECTABLE WARNING TAPES PER SPECS. PROVIDE (2) AT MAINLINE AS SHOWN.
4. PRESSURE MAINLINE PIPE, PER LEGEND.
5. CONTROL WIRES, BUNDLED AND TAPED TO SIDE OF MAINLINE AT 10' O.C. (INSTALL WIRES IN CONDUIT FROM CONTROLLER TO MAINLINE).
6. NON-PRESSURE LATERAL LINE, PER LEGEND.
7. INITIAL SAND BACKFILL (S.E. 30 OR BETTER) PROVIDE 6" BEDDING DEPTH BELOW MAINLINE AND 6" COVER ABOVE MAINLINE. COMPACT TO THE DENSITY OF EXISTING SOIL.
8. FINISH GRADE
9. 9" MIN. OR AS NEEDED TO PROVIDE FOR A MINIMUM 6" CLEARANCE BETWEEN PIPES.

1 TRENCHING - WITHIN PLANTING AREAS

Scale: N.T.S.

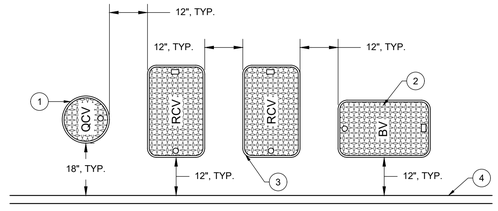


VALVE MANIFOLD
PLAN VIEW DIAGRAM

1. PRESSURE MAINLINE AND TEE FITTING(S).
2. REMOTE CONTROL VALVE WITH BALL VALVE .
3. QUICK COUPLING VALVE.
4. TEE. MUST BE MAINLINE SIZE.
5. MANIFOLD ISOLATION BALL VALVE. VALVE MUST BE MAINLINE SIZE.
6. NOT USED
7. VALVE BOX, TYP.
8. EDGE OF AREA, ADJACENT PAVING OR CONCRETE CURB.
9. SCHEDULE 80 PVC UNION, TYP.
10. EQUIPMENT I.D. TAG FOR RECLAIMED/ RECYCLED WATER SYSTEMS.
11. SCHEDULE 80 PVC FEMALE ADAPTER, TYP.

NOTES:

1. INSTALL PURPLE VALVE BOXES IN GROUND COVER/ SHRUB PLANTING AREAS WHENEVER POSSIBLE.
2. ALL VALVE BOXES MUST BE PERPENDICULAR TO EDGE OF AREA, ADJACENT PAVING OR CONCRETE CURB AND SET PARALLEL TO EACH OTHER.
3. ALL VALVES MUST BE CENTERED AND INSTALLED PLUMB INSIDE VALVE BOX TO FACILITATE ACCESS AND MAINTENANCE.
4. ALL VALVES MUST BE INSTALLED IN ITS OWN VALVE BOX.
6. REFER TO VALVE ASSEMBLY DETAILS FOR VALVE BOXES FINISH ELEVATIONS.
7. AVOID EXCESSIVE COMPACTING AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
8. INSTALL VALVE BOX EXTENSIONS BY VALVE MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE VALVE ASSEMBLY.
9. LOCATION OF VALVE ASSEMBLIES SHALL BE STAKED FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
10. ON RECYCLED WATER SYSTEM, PARTS MUST BE PURPLE IN COLOR AND APPROVED FOR RECYCLED WATER USE.
11. ALL VALVE BOX LIDS MUST BE LABELED BY HOT IRON BRANDING:
    - YS - WYE STRAINER
    - CV - CHECK VALVE
    - MV - MASTER VALVE
    - FS - FLOW SENSOR
    - RCV - REMOTE CONTROL VALVE WITH CONTROLLER, ID AND STATION NUMBER
    - QCV - QUICK COUPLER VALVE
    - BV - ISOLATION BALL VALVE
    - GV - ISOLATION GATE VALVE
    - E - PULL BOX/ SPLICE BOX



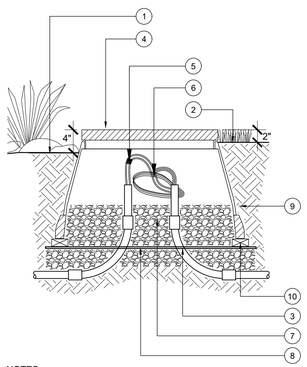
1. 10" ROUND VALVE BOX PER SPECS FOR QUICK COUPLER VALVE, TYP.
2. RECTANGULAR VALVE BOX PER SPECS FOR MAINLINE ISOLATION BALL VALVE, TYP.
3. RECTANGULAR VALVE BOX PER SPECS FOR REMOTE CONTROL VALVE ASSEMBLIES, TYP.
4. EDGE OF AREA, SIDEWALK, CONCRETE CURB, ETC., TYP.

4 MANIFOLD INSTALLATION

Scale: N.T.S.

3 VALVE BOX LAYOUT

Scale: N.T.S.



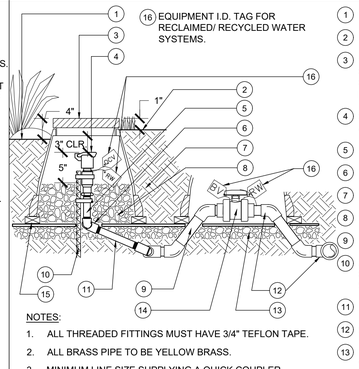
NOTES:

1. ALL WIRING MUST CONFORM TO LOCAL CODES.
2. PROVIDE 36" EXPANSION COILS AT EACH WIRE CONNECTION.
3. PROVIDE 3" CLEARANCE BETWEEN WIRES AND LID.
4. NO WIRE SPLICES ARE ALLOWED WITHOUT OWNER'S REPRESENTATIVE APPROVAL.

1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. PVC SCH. 40 ELECTRICAL CONDUIT AND SWEEPS TO DEPTH PER SPECS.
4. RECTANGULAR VALVE BOX W/ BOLT DOWN COVER, AND SS HARDWARE
5. APPROVED WIRE CONNECTOR (IF APPLICABLE)
6. 36" EXPANSION COIL
7. 3 CU. FT. 3/8" PEA GRAVEL
8. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
9. NATIVE SOIL COMPACTED TO
10. (4) CONCRETE BRICK SUPPORTS, ONE AT EACH CORNER

7 PULL BOX

Scale: N.T.S.



16. EQUIPMENT I.D. TAG FOR RECLAIMED/ RECYCLED WATER SYSTEMS.

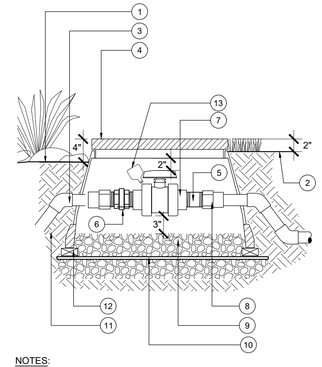
NOTES:

1. ALL THREADED FITTINGS MUST HAVE 3/4" TEFLON TAPE.
2. ALL BRASS PIPE TO BE YELLOW BRASS.
3. MINIMUM LINE SIZE SUPPLYING A QUICK COUPLER MUST BE 1-1/2"
4. QUICK COUPLERS MUST BE NO MORE THAN 200' O.C. APART. LOCATE AT RCV MANIFOLDS WHEN POSSIBLE.
5. REFER TO SPECIFIC DETAIL FOR ALL ISOLATION BALL VALVE REQUIREMENTS.
6. RECYCLED QUICK COUPLERS MUST BE TYPE MANUFACTURED FOR RECYCLED USE.

1. FINISH GRADE AT PLANTER.
2. FINISH GRADE AT TURF AREA.
3. 10" ROUND VALVE BOX W/ BOLT DOWN COVER, AND SS HARDWARE. BOX COLOR: PURPLE FOR RECYCLED/ RECLAIMED WATER.
4. QUICK COUPLER VALVE PER LEGEND AND SPECS.
5. BRASS NIPPLE, TYP.
6. BRASS STREET ELL, TYP.
7. NATIVE SOIL.
8. 1 CU. FT. CRUSHED ROCK BASE.
9. PRESSURE MAINLINE PER LEGEND.
10. #4 X 36" REBAR STAKE. SECURE QUICK COUPLER VALVE TO STAKE WITH (2) STAINLESS STEEL CLAMPS.
11. BRASS NIPPLE, 10" LENGTH MIN.
12. SCH. 80 PVC MAINLINE TEE OR ELL.
13. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
14. BALL VALVE W/ PVC. SCH. 80 MALE ADAPTERS. REFER TO DETAIL.
15. CONCRETE BRICK SUPPORTS, THREE (3) SPACED EQUALLY ALONG PERIMETER BOTTOM.

6 QUICK COUPLER VALVE

Scale: N.T.S



NOTES:

1. BALL VALVE MUST BE INSTALLED IN VALVE BOX TO ALLOW PROPER OPERATION OF BALL VALVE HANDLE.
2. ALL THREADED FITTINGS MUST HAVE 3/4" TEFLON TAPE OR PASTE.
3. PROVIDE 45° ELLS TO ACHIEVE BALL VALVE HEIGHT PER DETAIL.

1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. PVC MAINLINE. USE PVC SCH. 80 45° ELL TO DEPTH PER SPECS.
4. RECTANGULAR PURPLE VALVE BOX W/ BOLT DOWN COVER, AND SS HARDWARE
5. SCH. 80 NIPPLE, 2 QTY., TYP. LENGTH AS REQUIRED.
6. SCH. 80 PVC UNION
7. ISOLATION BALL VALVE. REFER TO LEGEND.
8. PVC SCH. 80 FEMALE ADAPTER, (2) QTY.
9. 3 CU. FT. 3/8" PEA GRAVEL
10. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, OR ALL PURPLE DURA DRI-BOX WITH SNAP-ON BOTTOM, TYP.
11. COMPACTED NATIVE SOIL.
12. (4) CONCRETE BRICK SUPPORTS, ONE AT EACH CORNER, (NOT REQ. WITH DRI-BOX).
13. EQUIPMENT I.D. TAG FOR RECLAIMED/ RECYCLED WATER SYSTEMS.

5 ISOLATION BALL VALVE, 2" & SMALLER

Scale: N.T.S.

Keynotes:

Notes:

Santee — DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adire**
Date: **Aug 22, 2025**

INTERWEST — A Kennedy/Jenks Company
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT — BRIAN K. MATHER — NO. 5854 — Signature 2/28/26 — Renewal Date 7/10/2025 — Date — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DETAILS

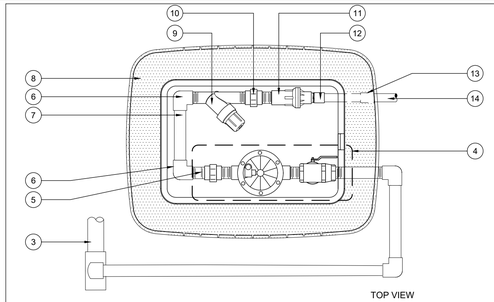
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.51

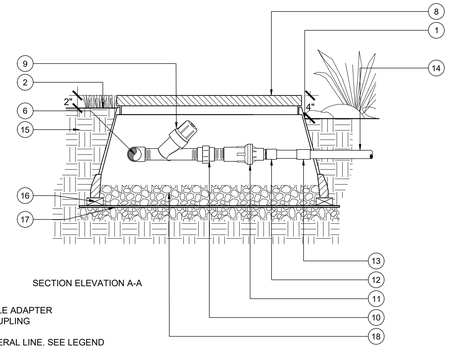
SHEET 27 OF 294

SANTEE COMMUNITY CENTER - IRRIGATION DETAILS

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TOP VIEW

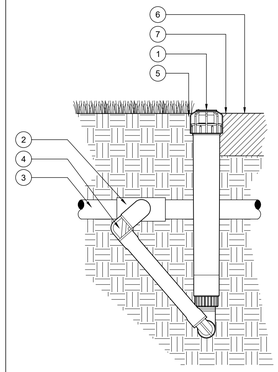


SECTION ELEVATION A-A

1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. IRRIGATION PRESSURE MAINLINE OR MANIFOLD SUPPLY
4. REMOTE CONTROL VALVE. REFER TO DETAIL 8/L-2.52
5. SCH. 80 PVC NIPPLE. 3" MIN. LENGTH
6. SCH. 80 PVC ELL (TxT)
7. SCH. 80 PVC NIPPLE. LENGTH AS REQ.
8. JUMBO PURPLE RECTANGULAR VALVE BOX WITH LOCKING COVER AND SS LOCKING BOLT
9. SCREEN FILTER. SEE LEGEND AND SPECS
10. SCH. 80 PVC UNION
11. PRESSURE REGULATOR. SEE LEGEND AND SPECS
12.
13. SCH. 80 PVC MALE ADAPTER SCH. 40 PVC COUPLING
14. IRRIGATION LATERAL LINE. SEE LEGEND AND SPECS
15. NATIVE SOIL COMPACTED
16. BRICK SUPPORTS, TYP. OF 4
17. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
18. 3 CU. FT. 3/4" PEA GRAVEL

3 REMOTE CONTROL DRIP VALVE ASSEMBLY

Scale: N.T.S.



1. DRIP OPERATION INDICATOR
2. 1/2" FPT CONNECTION FROM IRRIGATION LATERAL LINE
3. IRRIGATION LATERAL PIPE
4. SWING JOINT
5. FINISH GRADE IN LAWN. INSTALL INDICATOR FLUSH WITH FINISH GRADE IN TURF AREA.
6. ADJACENT MULCH
7. FINISH GRADE IN PLANTER AREA. INSTALL INDICATOR 1/2" ABOVE FINISH GRADE OF MULCH IN SHRUB AND GROUNDCOVER AREAS

NOTES:

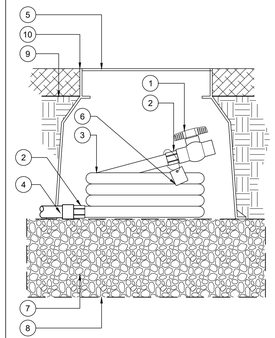
1. LOCATE INDICATOR WITHIN AN AREA ADJACENT TO A WALKWAY, CURB, ETC. AND AWAY FROM PLANT MATERIALS TO PROVIDE EASY VISUAL CONFIRMATION FROM A DISTANCE OF OPERATION.
2. COMPACT SOIL AROUND INDICATOR TO THE SAME DENSITY AS ADJACENT SOIL.

2 DRIP OPERATION INDICATOR

Scale: N.T.S.

NOTES:

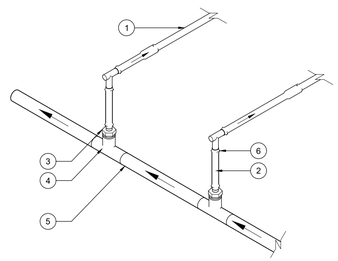
1. TAG EACH FLUSH VALVE WITH A PERMANENT METAL ID TAG. NUMBER SHALL CONINCIE WITH CONTROLLER STATION NUMBER. TAG SHALL BE PLACED TO AVOID BEING BURIED.
2. REFER TO SPECS FOR ADDITIONAL INFORMATION.



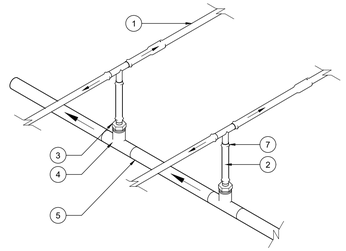
1. SCH. 40 PVC. BALL VALVE PER LEGENG.
2. IRRIGATION HOSE FITTING
3. 1/2" SIZE IRRIGATION HOSE. 30" MIN. LENGTH. COIL INSIDE VALVE BOX.
4. PVC EXHAUST HEADER PER PLANS AND LEGEND.
5. 10" ROUND VALVE BOX WITH LOCKING COVER AND SS BOLT
6. VALVE ID TAG. SEE NOTE #1.
7. 3/4" CRUSHED DRAIN ROCK, 6" MIN. DEPTH. EXTEND 6" BEYOND ALL EDGES OF VALVE BOX
8. 1/4" GALV. WIRE CLOTH. WRAP AROUND CRUSHED ROCK.
9. FINISH GRADE
10. SET VALVE BOX FLUSH WITH TOP OF MULCH LAYER.

1 MANUAL FLUSH VALVE

Scale: N.T.S.



A END FEED MANIFOLD SUPPLY ISOMETRIC

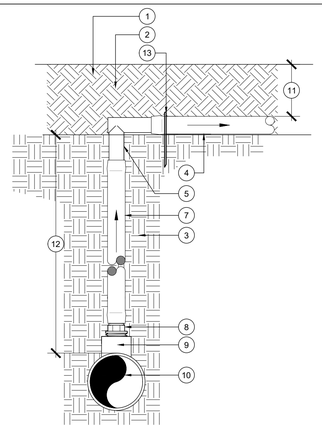


B CENTER FEED MANIFOLD SUPPLY ISOMETRIC

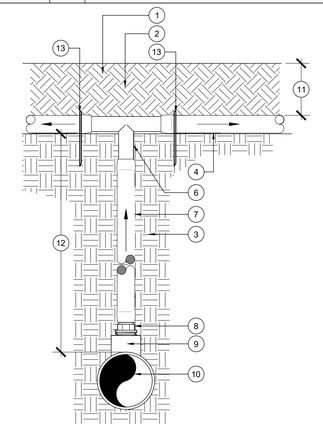
1. DRIPLINE, TYPE AND DEPTH PER IRRIGATION LEGEND
2. BLANK POLYETHYLENE TUBING
3. BARB X MPT ADAPTER
4. SCH. 40 PVC TEE WITH FPT OUTLET
5. NON-PRESSURE LATERAL DOWNSTREAM FROM DRIP REMOTE CONTROL VALVE ASSEMBLY
6. BARBED INSERT 90° ELL FITTING
7. BARBED INSERT TEE FITTING

5 DRIPLINE MANIFOLD SUPPLY

Scale: N.T.S



A MANIFOLD-ELL CONDITION SECTION ELEVATION

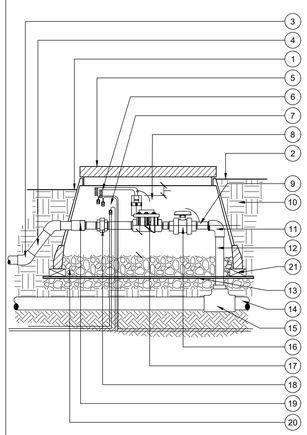


B MANIFOLD-TEE CONDITION SECTION ELEVATION

1. FINISH GRADE AT PLANTER
2. TOP SOIL. REFER TO SPECS
3. COMPACTED SUBGRADE. REFER TO SPECS.
4. DRIPLINE TUBING, REFER TO IRRIGATION LEGEND FOR ADDITIONAL INFORMATION
5. BARBED DRIP ELBOW FITTING
6. BARBED DRIP TEE FITTING
7. BLANK POLYETHYLENE DRIP TUBING
8. BARBED x 1/2" MPT ADAPTER
9. PVC TEE (SLxSLxTH) WITH 1/2" FPT INLET
10. PVC SUPPLY LATERAL LINE, SIZE AND TYPE PER PLAN
11. DEPTH OF MULCH, REFER TO SPECS.
12. DEPTH OF PVC LATERAL LINE, REFER TO IRRIGATION LEGEND
13. 4" GALVANIZED STAPLE. INSTALL OVER TUBING AT SPACING PER SPECS

4 DRIPLINE TO PVC LATERAL LINE TRANSITION (SUPPLY AND EXHAUST HEADER)

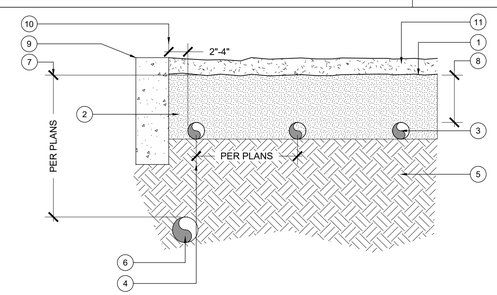
Scale: N.T.S.



1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. PVC MAINLINE. USE PVC SCH. 40 45° ELL TO DEPTH PER SPECS.
4. LATERAL PIPE, PER SPECS.
5. PURPLE RECTANGULAR VALVE BOX
6. CONTROL WIRING PER SPECS.
7. EXTRA WIRE PER SPECS.
8. RECYCLED WATER TAG, SEE SPECS
9. SCH. 80 NIPPLE (4X PER VALVE)
10. NATIVE SOIL COMPACTED
11. SLIP X FT SCH. 80 PVC ELL
12. SCH. 80 PVC CUT TO LENGTH
13. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
14. PRESSURE MAINLINE, PER SPECS.
15. SCH. 80 MAINLINE FITTING
16. VALVE SIZE BALL VALVE. OMIT WHEN USED ON MANIFOLD.
17. REMOTE CONTROL VALVE
18. SCH. 80 UNION
19. SCH. 80 FEMALE ADAPTER
20. 3 CU. FT. 3/4" PEA GRAVEL.
21. BRICK SUPPORTS, TYP. OF 4

8 REMOTE CONTROL VALVE

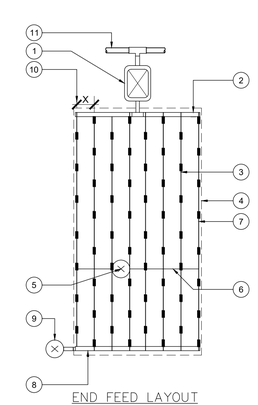
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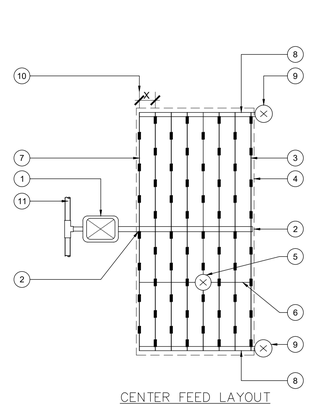
1. FINISH GRADE AT PLANTER
2. TOP SOIL. SEE SPECS.
3. DRIPLINE, SEE IRRIGATION LEGEND
4. REFER TO PLAN FOR SPACING REQ.
5. PREPARED SUBGRADE. REFER TO PLAINTNG PLANS AND DETAILS.
6. PVC NON-PRESSURE LATERAL LINE PER IRRIGATION PLANS
7. DEPTH OF PVC LATERAL LINE, SEE PLANS AND SPECS
8. DEPTH OF DRIPLINE, REFER TO IRRIGATION LEGEND
9. PLANTER EDGE
10. LOCATE PERIMETER DRIPLINE LATERALS 2" MIN. AND 4" MAX. AWAY FROM EDGES.
11. MULCH AND PLANTING MATERIAL PER PLANTING PLAN

7 SUBSURFACE DRIPLINE

Scale: N.T.S.



END FEED LAYOUT



CENTER FEED LAYOUT

1. DRIP REMOTE CONTROL VALVE ASSEMBLY. REFER TO IRRIGATION PLANS AND LEGEND
2. IRRIGATION NON-PRESSURE PVC LATERAL SUPPLY LINE (HEADER), PER IRRIGATION PLANS AND LEGEND
3. DRIPLINE TUBING LATERAL PER IRRIGATION LEGEND
4. PLANTING AREA PERIMETER
5. AIR/VACUUM RELIEF VALVE PER IRRIGATION LEGEND. INSTALL AT HIGH POINT(S) OF HYDROZONE. LOCATE IN FIELD.
6. AIR/VACUUM RELIEF LATERAL BLANK DRIPLINE TUBING. CONNECT PERPENDICULAR TO DRIPLINE USING MANUFACTURER APPROVED FITTINGS
7. INSTALL PERIMETER DRIPLINE LATERALS 2" TO 4" FROM EDGE OF HARDSCAPE, CURB, ETC.
8. IRRIGATION NON-PRESSURE PVC EXHAUST HEADER.
9. FLUSH VALVE PER IRRIGATION LEGEND. PLUMB TO NON-PRESSURE PVC LATERAL LINE
10. DISTANCES PER IRRIGATION LEGEND
11. IRRIGATION PRESSURE MAINLINE PER PLANS AND SPECS.

6 DRIPLINE LAYOUT (TYPICAL)

Scale: N.T.S.

Keynotes:

Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed By: AS**adre**
Date: **Aug 22, 2025**

INTERWEST A Subsidiary Corporation
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT
BRIAN R. MATHER NO. 5744
Signature 2/28/26
Renewal Date 7/10/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	Author	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER LANDSCAPE IRRIGATION DETAILS

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.52

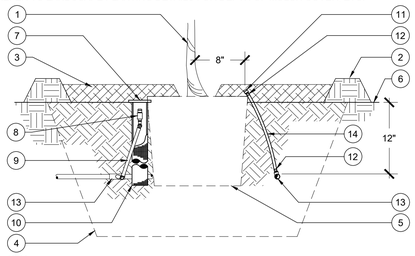
SHEET 28 OF 294

SANTEE COMMUNITY CENTER - IRRIGATION DETAILS

Please Recycle

NOTES:

1. REFER TO LANDSCAPE PLANTING DETAILS FOR DEPTH OF MULCH COVER, ETC.



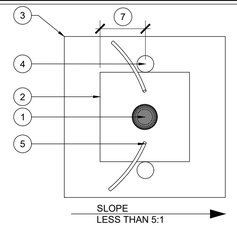
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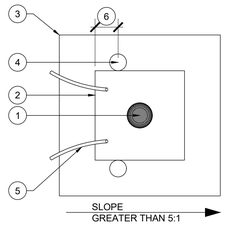
1. TREE
2. BERM
3. MULCH
4. PLANTING PIT
5. TREE ROOTBALL
6. FINISH GRADE
7. ROUND PLASTIC DRAIN GRATE
8. BUBBLER
9. SWING PIPE
10. DEEP ROOT WATER SYSTEM
11. BUBBLER ON TOP OF ROOTBALL (BELOW MULCH).
12. 1/2" SCHEDULE 40 PVC MALE ADAPTER (GRAY).
13. SxSxT SCH. 40 PVC TEE OR SxT ELL PLUMBED TO PVC LATERAL LINE.
14. 1/2" IPS FLEXIBLE PVC HOSE. USE IPS WELD ON SOLVENT CEMENT ON THIS HOSE.

NOTE: ITEMS 7 THROUGH 9 ARE INCLUDED WITH DEEP ROOT WATERING SYSTEM.

4 TREE BUBBLER ASSEMBLY

Scale: N.T.S.



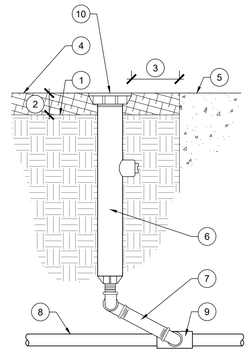


KEY:

1. TREE
2. TREE ROOTBALL
3. PLANTING PIT
4. DEEP ROOT WATER SYSTEM ON EITHER SIDE OF ROOTBALL - QTY. PER LEGEND.
5. BUBBLER - QTY. PER LEGEND. FIX WITH STEEL STAPLES.
6. 1/4 OF ROOTBALL WIDTH
7. 1/2 OF ROOTBALL WIDTH

3 TREE BUBBLER ASSEMBLY

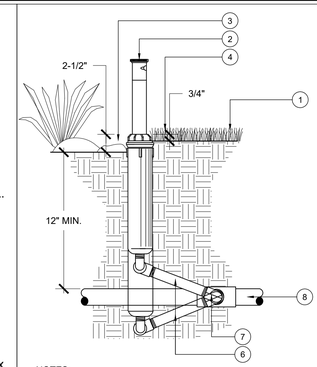
Scale: N.T.S.



1. FINISH GRADE.
2. SET TOP OF SPRINKLER AT FINISH TURF: 1/2" ABOVE IN SEED, 1-1/2" IN SOD, 2-1/2" IN PLANTER.
3. SPACING FROM HARDSCAPE: 1" MIN., 2" MAX. INSTALL FLUSH WITH ADJACENT HARDSCAPE AND PERPENDICULAR TO GRADE.
4. TOP OF MULCH/ EXISTING TURF.
5. EDGE OF PAVING OR FACE OF WALL.
6. POP-UP SPRAY SPRINKLER: SIZE AND MODEL PER IRRIGATION PLAN.
7. PVC TRIPLE SWING ASSEMBLY. THREADED ENDS SHALL BE SAME SIZE AS SPRINKLER INLET. SEE SPECS.
8. PVC NON-PRESURE LATERAL PIPE PER IRRIGATION PLAN.
9. PVC SCHEDULE 40 TEE (SLIP x SLIP x THREAD).
10. REFER TO LEGEND FOR TYPE OF NOZZLE.

2 POP-UP SPRAY SPRINKLER

Scale: N.T.S.



1. FINISH GRADE
2. POP-UP ROTOR HEAD, PER IRRIGATION EQUIPMENT LEGEND AND SPECS.
3. INSTALL HEAD 2-1/2" ABOVE FINISH GRADE AT SHRUB AND GROUND-COVER AREAS.
4. INSTALL HEAD 3/4" ABOVE FINISH GRADE AT TURF AREAS.
5. NATIVE SOIL COMPACTED TO ORIGINAL DENSITY AROUND HEAD.
6. TRIPLE SWING JOINT ASSEMBLY. THREADED ENDS SHALL BE SAME SIZE AS SPRINKLER INLET. 12" MIN. LENGTH FOR 12" POP-UP. SEE SPECS.
7. SCH. 40 PVC FITTING. SxSxT (TEE) OR SxT(ELL) AS REQUIRED, LATERAL X SPRINKLER INLET SIZE.
8. PVC NON-PRESSURE LATERAL LINE. SEE SPECS.

NOTES:

1. USE 3/4" TEFLON TAPE WHERE ELL MEETS TEE/ELL.
2. INSTALL HEADS PERPENDICULARLY PLUMB TO ADJACENT GRADE.
3. ADJUST NOZZLES/HEAD TO PREVENT OVERSPRAY ONTO PAVING, WALLS/FENCES, BUILDINGS, ETC.
4. INSTALL HEADS 24" FROM ALL HARDSCAPE EDGES.
5. INSTALL HEADS 12" FROM WALLS/ FENCES.

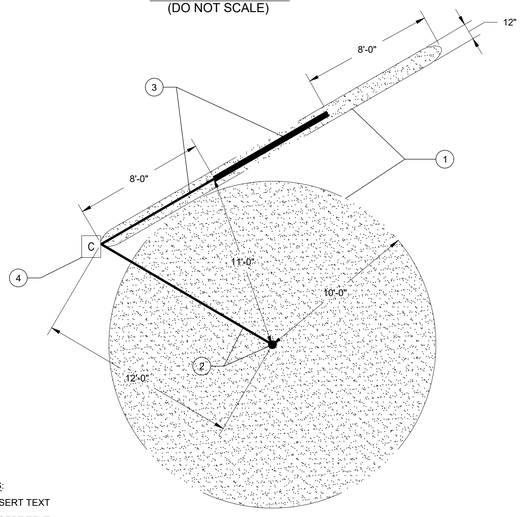
POP-UP ROTOR

Scale: N.T.S.

Keynotes:

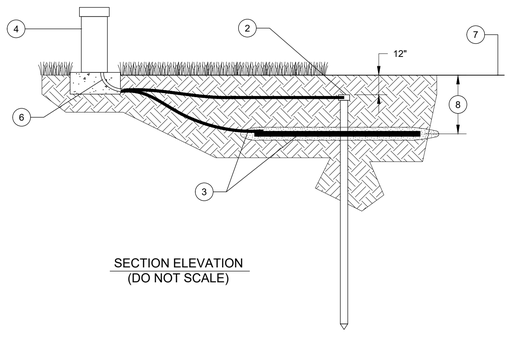
Notes:

PLAN VIEW
(DO NOT SCALE)



NOTES:

1. INSERT TEXT
2. INSERT TEXT



SECTION ELEVATION
(DO NOT SCALE)

1. ELECTRODE SPHERE OF INFLUENCE BOUNDARIES.
2. GROUND ROD WITH PRE-WELDED INSULATED CONDUCTOR (5/8" DIA. X 10' LONG). DRIVE INTO GROUND IN A VERTICAL POSITION OR AN OBLIQUE ANGLE NOT TO EXCEED 45°. USE WHEN POSSIBLE TO DRIVE STAKE INTO GROUND.
3. COPPER GROUND PLATE WITH PRE-WELDED INSULATED CONDUCTOR (SIZE: 4" X 96" X 0.0625"). USE WHEN IMPOSSIBLE TO DRIVE STAKE INTO GROUND OR WHEN DIRECTED BY CONTROLLER MANUFACTURER.
4. AUTOMATIC IRRIGATION CONTROLLER. REFER TO IRRIGATION LEGEND AND DWGS.
5. PVC SWEEP ELL, 1-1/2" MIN.
6. EARTH CONTACT MATERIAL
7. FINISH GRADE
8. 30" MINIMUM OR BELOW FROST LINE, WHICHEVER IS DEEPER.

NOTES:

1. THE GROUND GRID COMPONENTS MUST BE INSTALLED WITH THE DIMENSIONAL RELATIONSHIP SHOWN IN THE DETAIL. DO NOT INSTALL ANY OTHER WIRES, CABLES, AND ELECTRONIC EQUIPMENT WITHIN THE SPHERE OF INFLUENCE OF THE GROUNDING ELECTRODES.
2. INSTALLATION OF ALL COMPONENTS AND MUST MEET OR EXCEED THE AMERICAN SOCIETY OF IRRIGATION CONSULTANTS (ASIC) EARTH GROUNDING GUIDELINES AND BE AS APPROVED BY AUTOMATIC IRRIGATION CONTROLLER MANUFACTURER'S.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONNECT THE CONTROLLER TO EARTH GROUND IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE (NEC).
4. WHEN UTILIZING THE COPPER GROUND PLATE METHOD, THE CONTRACTOR SHALL UTILIZE A MINIMUM OF 100 LBS OF EARTH CONTACT MATERIAL. SPREAD MATERIAL SO THAT IT SURROUNDS THE COPPER PLAT EVENLY ALONG ITS LENGTH WITHIN A 6" WIDE TRENCH.
5. SALTS, FERTILIZERS, BENTONITE CLAY, CEMENT, CODE, CARBON, AND OTHER CHEMICALS ARE NOT BE BE USED TO IMPROVED SOIL CONDUCTIVITY.
6. ALL GROUNDING ELECTRODES SHALL BE UL LISTED OR MANUFACTURED TO MEET NEC CODE.
7. NO SPLICES ALLOWED UNLESS USING EXOTHERMIC WELDING PROCESS AND APPROVED BY CITY'S REPRESENTATIVE.
8. INSTALL ALL GROUNDING CIRCUIT COMPONENTS IN STRAIGHT LINES. WHEN NECESSARY TO MAKE A TURN OR BEND, IT SHALL BE DONE IN A SWEEPING CURVE WITH A MINIMUM RADIUS OF 8" AND A MINIMUM INCLUDED ANGLE OF 90°.
9. THE EARTH-TO-GROUND RESISTANCE IS TO BE MEASURED USING A MEGGER OR OTHER SIMILAR INSTRUMENT, AND THE READING IS TO BE NO MORE THAN 10 OHMS. IF THE RESISTANCE IS MORE THAN 10 OHMS, ADDITIONAL GROUND PLATES AND EARTH CONTACT MATERIAL ARE TO BE INSTALLED USING ASIC GUIDELINES.
10. IT IS REQUIRED THAT THE SOIL SURROUNDING COPPER ELECTRODES WITHIN THE SPHERE OF INFLUENCE BE KEPT AT A MNIMUM MOISTURE LEVEL OF 15% (BY VOLUME) AT ALL TIMES.
11. ALL GROUNDING COMPONENTS MUST BE CONNECTED TO THE EQUIPMENT BEFORE ANY OTHER CONNECTION IS MADE.

6 GROUNDING ROD/PLATE INSTALLATION

Scale: 1" = 1'-0"

SECTION ELEVATION
(SIDE VIEW)

SECTION ELEVATION
(FRONT VIEW)

1. TOP ENTRY 16" WIDE STAINLESS STEEL NEMA 3R RAINPROOF ENCLOUSRE (UL LISTED). SHOWN WITH TOP IN CLOSED POSITION. ENCLOSURE DIMENSIONS 16" WIDE X 38" HIGH X 15.5" DEEP).
2. CONTROLLER PANEL. MOUNTED FLUSH ON FACE OF ENCLOSURE. ASSEMBLED IN ENCLOSURE BY AUTHORIZED DISTRIBUTOR
3. TERMINAL STRIP FOR REMOTE CONTROL VALVE WIRE CONNECTIONS. ACTUAL STRIP MAY VARY BASED ON CONTROLLER OPTIONS SPECIFIED
4. POWER SWITCH/ GFCI RECEPTACLE
5. ELECTRICAL FLEX CONDUIT FOR POWER
6. 8" MIN. THICK, POURED-IN-PLACE CONCRETE PAD WITH ANCHOR BOLTS PER MANUFACTURER RECOMMENDATIONS. BEVEL EDGES, TYP. (LIGHT BROOM FINISH). SLOPE PAD WAY FROM CONTROLLER TO DRAIN. PAD SIZE TO BE 26" WIDE x 24" DEEP MIN. SIZE
7. FINISH GRADE
8. FLOW SENSOR TERMINAL BOARD
9. 1" SCH. 40 PVC CONDUIT AND SWEEP ELL WITH FLOW SENSOR CABLE
10. 2" SCH. 40 PVC CONDUIT AND SWEEP FOR 2-WIRE CABLES
11. 1" SCH. 40 PVC CONDUIT AND SWEEP ELL WITH MASTER VALVE WIRE
12. 1" SCH. 40 PVC CONDUIT AND SWEEP FOR 110VAC POWER CONDUCTOR. 24" MIN. BURIAL DEPTH. REFER TO ELECTRICAL DWGS.
13. 1" SCH. 40 PVC CONDUIT AND SWEEP ELL FOR GROUND WIRE
14. 10" ROUND VALVE BOX AROUND GROUND ROD. FILL WITH 3/4" WASHED PEA GRAVEL.
15. 5/8" DIAMETER X 8' LONG COPPER CLAD GROUND ROD WITH #6 GROUND WIRE AND CLAMP. LOCATE 8'-12' FROM ENCLOSURE.
16. #6 GROUND WIRE SECURED TO BACKBOARD GROUNDING TERMINAL.
17. ANCHOR BOLTS. SET IN WET CONCRETE FOOTING USING TEMPLATE.
18. LID IN OPEN POSITION
19. SEAL INTERIOR OF CABINET WITH DUCT SEAL
20. SEAL ENDS WITH DUCT SEAL AFTER WIRE INSTALLATION, TYP.
21. #6 PRECAST CONCRETE PULL BOX. LOCATE DIRECTLY ADJACENT TO CONCRETE FOOTING.
22. 6" DEEP CONCRETE COLLAR, TYP. OF (3) EDGES.
23. 3 CU. FT. 3/8" PEA GRAVEL
24. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
25. PROVIDE 36" EXPANSION COILS AT ALL WIRE RUNS.
26. PROVIDE CUSTOM DECAL AND CONTROLLER ID ON THE EXTERIOR FRONT FACE OF THE CONTROLLER.
27. COMPACTED SUBGRADE TO 95%

NOTES:

1. CONTRACTOR SHALL ADJUST ALL IRRIGATION TO PREVENT OVERSPRAY ON CONTROLLER ENCLOSURE IF APPLICABLE.
2. CONTACT IRRITROL PRIOR TO ORDERING TO CONFIRM SPECIFIC CONTROLLER MODEL NUMBER AND ASSOCIATED COMPONENTS.
3. ALL CONTROLLER COMPONENTS MUST BE CERTIFIED BY CALSENSE.

5 AUTOMATIC IRRIGATION CONTROLLER 'Y' (PEDESTAL MOUNT)

Scale: 1" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # BC**NEW-23-0009**
Reviewed by: AS**adire**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT
BRIAN R. MATHER NO. 5854
Signature
2/28/26
Renewal Date
7/10/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

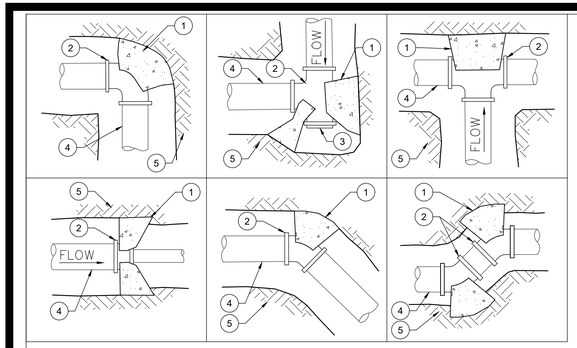
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DETAILS

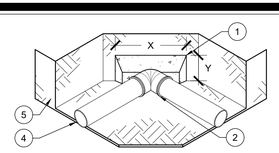
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.53
SHEET 29 OF 294

SANTEE COMMUNITY CENTER - IRRIGATION DETAILS

Please Recycle





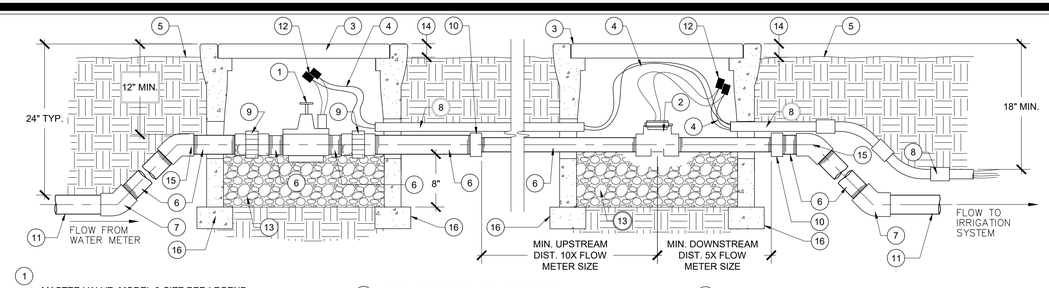
1. CONCRETE THRUST BLOCK, TYP.
2. PIPE FITTING, TYP.
3. CAP
4. PVC MAINLINE
5. UNDISTURBED SOIL

NOTES:

1. MAINLINES 2"-3" IN DIAMETER SHALL RECEIVE CONCRETE THRUST BLOCKS.
2. SUPPLY LINES OVER 3" SHALL HAVE IRON DUCTILE RESTRAINT SYSTEM.
3. INSTALL AND TEST MAINLINE IN ACCORDANCE TO MANUFACTURER'S INSTALLATION SPECIFICATIONS. A MINIMUM OF 6" CONCRETE SHALL BE POURED ON VIRGIN OR COMPACTED SOIL.
4. USE #4 REBAR WITH MASTIC COATING WHERE PIPE MUST BE ANCHORED TO THRUST BLOCK.
5. CONCRETE THRUST BLOCKING, CAST-IN-PLACE, TO EXTEND FROM BELLS OF FITTINGS TO UNDISTURBED SOIL AND ENTIRE BEARING AREA MUST BE AGAINST UNDISTURBED SOIL. INSTALL THRUST BLOCK WITH A MINIMUM THICKNESS FROM THE PIPE TO THE UNDISTURBED SOIL TWO TIMES THE DIAMETER OF THE PIPE.
6. THRUST BLOCK SHALL BE FORMED ON THE SIDES TO ESTABLISH A DEFINITE SHAPE AND LIMIT ON HEIGHT AND WIDTH SUBJECT TO APPROVAL BY UNIVERSITY'S REPRESENTATIVE BEFORE ORDERING CONCRETE.
7. THRUST BLOCK SIZING ASSUMES TEST PRESSURE OF 200 PSI, A MAXIMUM VELOCITY OF 5 FPS, AND A HORIZ. SOIL BEARING CAPACITY OF 1000 LBS/SQUARE FOOT.
8. SAFE BEARING LOAD OF SOIL FOR HORIZONTAL THRUST SHALL NOT BE EXCEEDED.
9. PROVISIONS SHALL BE MADE TO INSURE THAT PIPE JOINTS, FITTINGS AND VALVES ARE NOT COVERED UNNECESSARILY. PROTECT PVC PIPE WITH PIPE WRAP.

2 THRUST BLOCKS FOR PLASTIC PIPE (3" MAINLINE AND SMALLER)

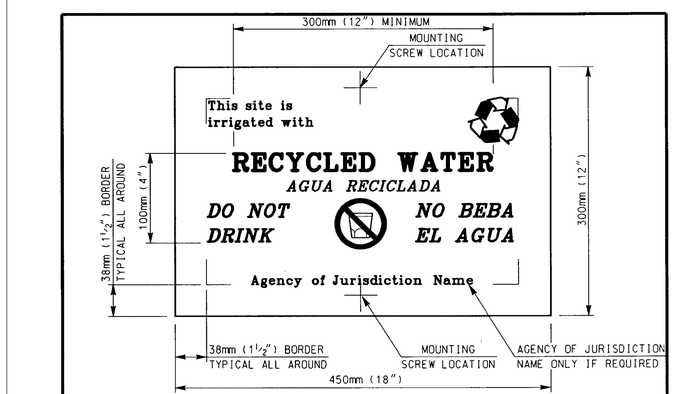
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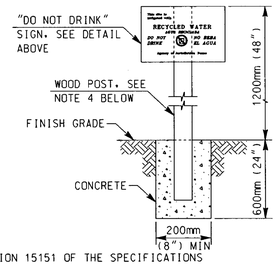
1. MASTER VALVE: MODEL & SIZE PER LEGEND.
2. FLOW SENSOR SIZE AND MODEL PER LEGEND.
3. PLASTIC RECTANGULAR VALVE BOX WITH BOLT DOWN LID. TOP DIMENSION: 14" X 19", OR APPROVED EQ. TOP OF LID SHALL BE PERMANENTLY MARKED "MV" FOR MASTER VALVE AND 'FS' FOR FLOW SENSOR AS REQ'D. BOX COLOR: GREEN.
4. (4) #14 WIRES, FROM CONTROLLER TO MASTER VALVE AND FLOW SENSOR. MASTER VALVE WIRE SHALL BE (1) BLUE COLORED AND (1) WHITE COLRED; FLOW SENSOR WIRE SHALL BE (1) RED COLORED AND (1) BLACK COLORED.
5. FINISH GRADE.
6. SCH 80 PVC NIPPLE, SIZE AS REQUIRED.
7. SCH.80 PVC ELL, 45°, (S X TH).
8. SCH. 40 PVC CONDUIT/COUPLINGS & WIRES TO CONTROLLER, REFER TO CONTROLLER DETAIL.
9. SCH. 80 PVC UNION, TYP.
10. SCH.80 PVC REDUCER COUPLING IF REQUIRED.
11. PVC MAINLINE. REFER TO LEGEND.
12. WATERPROOF ELEC CONNECTOR, PER WIRE SPLICING DETAIL.
13. 6" - 8" OF PEA GRAVEL IN VALVE BOXES.
13. SET TOP OF BOX ABOVE FINISH GRADE: 1/2" IN SEED, 1-1/2" IN SOD, 2-1/2" IN PLANTER.
14. SCH.80 PVC ELL, 45°, (TH X TH).
15. COMMON BRICK UNDER EACH CORNER.
16.

1 FLOW METER AND MASTER CONTROL VALVE

Scale: N.T.S.



"DO NOT DRINK" SIGN



NOTES:
1) REFER TO SECTION 15151 OF THE SPECIFICATIONS
2) SIGNS SHALL BE MANUFACTURED OF ALUMINUM SHEET, THICKNESS 1.6mm (0.063" OR 18 GAGE)
3) THE SIGN SHALL INCORPORATE A PURPLE BACKGROUND WITH WHITE LETTERS AND SYMBOLS
4) SIGNS SHALL BE MOUNTED ON A 100mm x 100mm (4" x 4") PRESSURE TREATED WOOD POST SET IN CONCRETE. ATTACH THE SIGN TO THE POST USING 6.4mm x 38mm (¼" x 2½") ANODIZED LAG SCREWS AND WASHERS (2 EACH)

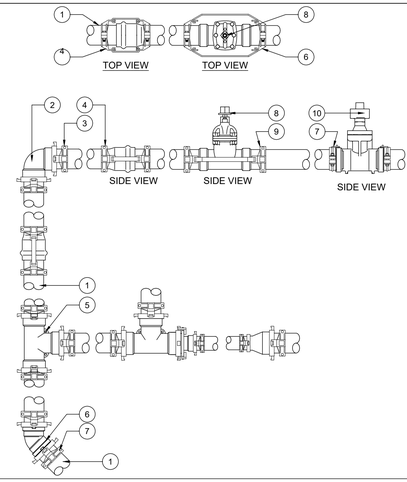
RECYCLED WATER "DO NOT DRINK" SIGN

WATER AGENCIES STANDARDS	
COMMITTEE APPROVAL:	11/16/2007
DRAWING NUMBER:	WM-08

J:\ASW\4505\3001\ASStandardDrawings\Water\wm08_11-16-07.dgn
16-NOV-2007 10:28 Kenn ASW 4505 3001 (6.00") ASStandardDrawings Water wm08_11-16-07.dgn
PEN TBL: ASTable.wwpdat.pen

NOTES:

1. ALL IRON DUCTILE FITTINGS SHALL BE EPOXY COATED WITH INNER GASKET PER SPECS.
2. ALL FITTINGS AND BELL & GASKET COUPLINGS SHALL BE RESTRAINED AS SHOWN.
3. ALL LUGS SHALL BE STAINLESS STEEL AND TIGHTENED PER MANUFACTURER TORQUE CHART.



1. GASKETED MAINLINE, PER SPECS.
2. EPOXY COATED IRON DUCTILE GASKETED 90 DEGREE ELBOW
3. JOINT RESTRAINT WITH STAINLESS STEEL LUGS, TYP.
4. JOINT RESTRAINT FOR BELL & GASKETED COUPLING (PIPE TO PIPE)
5. EPOXY COATED IRON DUCTILE GASKETED TEE
6. EPOXY COATED IRON DUCTILE GASKETED 45 OR 22-1/2 DEGREE ELL
7. JOINT RESTRAINT WITH STAINLESS STEEL LUGS, TYP.
8. GASKETD GATE VALVE, PER LEGEND
9. RESTRAIN IF VALVE WITHOUT BUILT-IN RESTRAINT IS USED
10. GATE VALVE WITH BUILT-IN RESTRAINT

3 MAINLINE RESTRAINTS (4" AND LARGER)

Scale: 1" = N.T.S.

Keynotes:

Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT
KEVIN R. MATHER NO. 4505
Signature
2/28/26
Renewal Date
7/10/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DETAILS

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.54
SHEET 30 OF 294

SANTEE COMMUNITY CENTER - IRRIGATION DETAILS

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TREE PROTECTION NOTES:

1. PROTECTION BARRIER: A PROTECTION BARRIER SHALL BE INSTALLED AROUND THE TREE (OR TREES) TO BE PRESERVED. THE BARRIER SHALL BE CONSTRUCTED OF DURABLE FENCING MATERIAL, SUCH AS PLASTIC CONSTRUCTION FENCING, OR CHAIN-LINK FENCING. THE BARRIER SHALL BE PLACED AS FAR FROM THE BASE OF THE TREE(S) AS POSSIBLE, PREFERABLY AT THE DRIP LINE. THE FENCING SHALL BE MAINTAINED IN GOOD REPAIR THROUGHOUT THE DURATION OF THE PROJECT, AND SHALL NOT BE REMOVED, RELOCATED, OR ENCROACHED UPON WITHOUT PERMISSION OF THE ARBORIST INVOLVED.
2. STORAGE OF MATERIALS: THERE SHALL BE NO STORAGE OF MATERIALS OR SUPPLIES OF ANY KINDS WITHIN THE AREA OF THE PROTECTION BARRIERS. CONCRETE AND CEMENT MATERIALS, BLOCK, STONE, SAND AND SOIL SHALL NOT BE PLACED WITHIN THE DRIPLINE OF THE TREE.
3. NO VEHICLE OR EQUIPMENT IS TO BE OPERATED OR PARKED UNDER A TREE, NOR ARE ANY MATERIALS TO BE STORED WITHIN THE DRIPLINE OF A TREE OR LEANED AGAINST A TREE TRUNK. DO NOT PILE OR COMPACT SOIL WITHIN A DRIPLINE.
4. NO CHEMICAL HERBICIDES ARE TO BE USED WITHIN 100 FEET OF A TREE'S DRIPLINE.
5. DO NOT STRIP TOPSOIL AROUND TREES. ANY VEGETATION TO BE REMOVED SHOULD BE REMOVED BY CUTTING AT GROUND LEVEL RATHER THAN PULLING OUT BY EQUIPMENT.
6. FUEL STORAGE: FUEL STORAGE SHALL NOT BE PERMITTED WITHIN 150 FEET OF ANY TREE TO BE PRESERVED. REFUELING, SERVICING AND MAINTENANCE OF EQUIPMENT AND MACHINERY SHALL NOT BE PERMITTED WITHIN 150 FEET OF PROTECTED TREES.
7. DEBRIS AND WASTE MATERIALS: DEBRIS AND WASTE FROM CONSTRUCTION OR OTHER ACTIVITIES SHALL NOT BE PERMITTED WITHIN PROTECTED AREAS. WASH DOWN OF CONCRETE OR CEMENT HANDLING EQUIPMENT, IN PARTICULAR, SHALL NOT BE PERMITTED WITHIN 150 FEET OF PROTECTED TREES.
8. GRADE CHANGES: GRADE CHANGES CAN BE PARTICULARLY DAMAGING TO TREES. EVEN AS A LITTLE AS TWO INCHES OF FILL CAN CAUSE THE DEATH OF A TREE. LOWERING THE GRADE CAN DESTROY MAJOR PORTIONS OF THE ROOT SYSTEM. ANY GRADE CHANGES PROPOSED SHOULD BE APPROVED BY A REGISTERED CONSULTING ARBORIST BEFORE CONSTRUCTION BEGINS, AND PRECAUTIONS TAKEN TO MITIGATE POTENTIAL INJURIES.
9. DAMAGES: ANY DAMAGES OR INJURIES TO TREES SHALL BE REPORTED TO THE PROJECT ARBORIST AS SOON AS POSSIBLE. SEVERED ROOTS SHALL BE PRUNED CLEANLY TO HEALTHY TISSUE USING PROPER PRUNING TOOLS. BROKEN BRANCHES OR LIMBS SHALL BE PRUNED ACCORDING TO INTERNATIONAL SOCIETY OF ARBORCULTURE PRUNING GUIDELINES AND ANSI A-300 PRUNING STANDARDS.
10. PREVENTATIVE MEASURES: BEFORE CONSTRUCTION BEGINS, FERTILIZATION OF AFFECTED TREES IS RECOMMENDED TO IMPROVE TREE VIGOR AND HEALTH. SOIL ANALYSES TESTING SHOULD BE COMPLETED TO ASSURE FERTILIZATION WITH THE APPROPRIATE FERTILIZER PRODUCTS. PRUNING OF THE TREE CANOPIES AND BRANCHES SHOULD BE DONE AT THE DIRECTION OF THE PROJECT ARBORIST TO REMOVE ANY DEAD OR BROKEN BRANCHES AND TO PROVIDE NECESSARY CLEARANCES FOR THE CONSTRUCTION EQUIPMENT.
11. HAND DIG VERTICAL TRENCH AT THE FINAL CUT LINE TO FINAL GRADE AND CLEANLY CUT ANY ROOTS ENCOUNTERS BEFORE SEALING WITH APPROVED TREE SEAL. THIS PROCEDURE IS TO PROTECT THE ROOT SYSTEM FROM UNNECESSARY DAMAGE BY EXCAVATION EQUIPMENT.
12. CONTRACTOR IS RESPONSIBLE FOR THE HEALTH OF EXISTING TREES DURING CONSTRUCTION AND MAINTENANCE PERIOD. DURING CONSTRUCTION THE IMPACTED TREES SHALL BE CLOSELY MONITORED TO FURTHER MITIGATE SHOCK SYMPTOMS IF THEY OCCUR. THE CONTRACTOR SHOULD BE PREPARED TO PROVIDE TEMPORARY WATER TO IRRIGATE AND WASH THE DUST FROM THE FOLIAGE IF NEEDED. CONTACT THE ARBORIST IF A DECLINE IN TREE CONDITION IS NOTED.

FINE GRADING NOTES

1. FINE GRADING SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE IN THE FIELD PRIOR TO IRRIGATION INSTALLATION, SOIL PREPARATION AND PLANTING. ALL PLANTING AREAS SHALL BE GRADES TO THE ELEVATIONS INDICATED ON THE CIVIL ENGINEER'S PLANS.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 2% DRAINAGE AWAY FROM ALL BUILDINGS, STRUCTURES, AND WALLS. FINISHED GRADES SHALL BE SMOOTHED TO ELIMINATE PUDDLING OR STANDING WATER.
3. EXCESS SOIL FROM LANDSCAPE GRADING SHALL BE REMOVED AND DISPOSED OF OFF-SITE BY CONTRACTOR.
4. REFER TO CIVIL ENGINEER'S DRAWINGS FOR GRADING AND DRAINAGE INFORMATION AND OTHER RELATED NON-LANDSCAPE WORK. VERIFY ON-SITE AND REPORT DISCREPANCIES TO OWNER'S REPRESENTATIVE BEFORE START OF ANY WORK ON THIS CONTRACT.
5. COMPACTED SOIL IN ALL PLANTING AREAS SHALL BE RIPPED TO A DEPTH OF EIGHTEEN (18) INCHES PRIOR TO SOIL AMENDMENT WORK.

PLANTING NOTES:

1. THE PLANTING PLAN IS DIAGRAMMATIC. ALL PLANT LOCATIONS ARE APPROXIMATE. ON CENTER SPACING AND SYMBOLS TAKE PRECEDENCE OVER PLANT QUANTITIES SPECIFIED. QUANTITIES, IF SHOWN ON THE PLANTING PLAN ARE APPROXIMATE AND ARE FOR REFERENCE ONLY. CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF DISCREPANCIES BETWEEN QUANTITIES AND THE SYMBOLS SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLANT COUNTS AND SQUARE FOOTAGES.
2. TREE LOCATION MAY BE ADJUSTED TO AVOID CONFLICTS WITH UNDERGROUND UTILITIES. CONSULT WITH OWNER'S REPRESENTATIVE PRIOR TO ADJUSTMENT OF TREE LOCATIONS, ESPECIALLY THOSE ARRANGED ON A SPECIFIED MODULE OR IN A GRID PATTERN.
3. CONTRACTOR SHALL ACCOMPANY THE PROJECT AGRONOMIST TO THE SITE FOR THE PURPOSE OF TAKING SOIL SAMPLES, CONDUCTING PERCOLATION TESTS, AND REVIEWING EXISTING SITE CONDITIONS. THE QUANTITY OF SAMPLES ARE NOTED IN THE SPECIFICATIONS. SUBMIT SOIL TEST RESULTS AND RECOMMENDATIONS TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO SOIL PREPARATION. THIS REQUIREMENT APPLIES TO ALL SOILS AND CONDITIONS WITHIN THIS PROJECT. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION, FOR CLARIFICATION.
5. CONTRACTOR SHALL GIVE NOTICE OF PLANTING (3) BUSINESS DAYS PRIOR TO INSTALLATION. CONTRACTOR SHALL LAY OUT PLANT MATERIAL PRIOR TO INSTALLATION FOR OWNER'S REPRESENTATIVE'S REVIEW AND APPROVAL.
   a. CENTERPOINTS OF TREES SHOULD BE STAKED WITH GRADE LATH STAKES. CONTAINER SIZE AND PLANT NAME SHALL BE NOTED ON EACH STAKE.
   b. SHRUBS SHALL BE PLACED IN THEIR "FINAL" LOCATIONS.
   c. OWNER'S REPRESENTATIVE HAS THE RIGHT TO ADJUST PLANT LOCATIONS AND SPACING UPON REVIEWING IN THE FIELD.
   d. ALL PLANTED AREAS SHALL BE WEED FREE PRIOR TO PLANTING.
6. IF CONFLICTS ARISE BETWEEN ACTUAL SIZE OF PLANTING AREAS ON-SITE AND THOSE AREAS INDICATED ON DRAWINGS, CONTACT OWNER'S AUTHORIZED REPRESENTATIVE FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOW TO OWNER'S AUTHORIZED REPRESENTATIVE IN A TIMELY FASHION MAY RESULT IN CONTRACTOR'S OWN LIABILITY TO RELOCATE PLANT MATERIALS.
7. REFER TO PLANTING DETAILS FOR ALL INSTALLATION AND STAKING REQUIREMENTS.
8. TREES INSTALLED WITHIN 10' OF CONCRETE REQUIRE ROOT CONTROL BARRIERS. UNLESS OTHERWISE SPECIFIED, A 12' LONG X 2' DEEP LINEAR BARRIER SHALL BE INSTALLED AT EDGE OF PAVEMENT/STRUCTURE, WITH LENGTH CENTERED AT THE TREE TRUNK.
9. NURSERY STAKES SHALL BE REMOVED AFTER PLANTING TREES AND STAKING OR GUYING AS SHOWN ON PLANS AND AS DIRECTED BY OWNER'S REPRESENTATIVE.
10. TREES PLANTED IN TURF AREAS SHALL HAVE TRUNKS PROTECTED WITH PERFORATED POLYETHYLENE TREE TRUNK PROTECTORS (ARBOR-GARD+ OR EQUAL).
11. CONTRACTOR IS RESPONSIBLE FOR PRUNING TREES AS DIRECTED BY OWNER'S REPRESENTATIVE. NO PRUNING IS TO BE DONE UNLESS DIRECTED.
12. TRIANGULAR SPACE GROUNDCOVERS AND SHRUBS, UNLESS OTHERWISE INDICATED ON DRAWINGS.
13. SEE DETAIL FOR PLACEMENT OF SHRUBS IN IRREGULARLY SHAPED PLANTING AREAS.
14. MULCH ALL AREAS (EXCEPT SLOPES 2:1 AND GREATER, ROOTED CUTTINGS, AND AS NOTED ON PLANS) WITH 3" LAYER OF SPECIFIED MATERIAL.
15. ALL SLOPES 2:1 OR GREATER SHALL BE STABILIZED WITH JUTE MESH PRIOR TO PLANTING. DO NOT INSTALL JUTE MESH ON SEEDED SLOPES.
16. WHERE GROUNDCOVER IS SHOWN ON PLANS: GROUNDCOVER PLANTING CONTINUES UNDER SHRUBS AND TREES AT SPECIFIED SPACING. DO NOT PLANT GROUNDCOVER IN SHRUB/TREE WATERING BASINS.
17. CONTRACTOR SHALL MAINTAIN ALL PLANTING FOR A PERIOD OF NINETY (90) DAYS AFTER COMPLETION AND ACCEPTANCE BY OWNER'S REPRESENTATIVE, UNLESS OTHERWISE NOTED IN SPECIFICATIONS. ALL AREAS SHOULD BE KEPT CLEAN, WATERED AND WEED-FREE.
18. PRIOR TO END OF MAINTENANCE PERIOD, LANDSCAPE CONTRACTOR SHALL CONTACT OWNER AND ARRANGE A FINAL WALKTHROUGH INSPECTION BY OWNER'S REPRESENTATIVE. OWNER MUST ACCEPT ALL MAINTAINED AREAS IN WRITING PRIOR TO END OF MAINTENANCE PERIOD. OWNER SHALL BE RESPONSIBLE FOR FUTURE MAINTENANCE AFTER THE MAINTENANCE PERIOD AND FINAL WALK THROUGH.

TREE DISPOSITION SYMBOLS:

P.I.P — PROTECT IN PLACE (SEE 3/L3.52)

KEY	ITEM / DESCRIPTION	COLOR	FINISH	SUPPLIER	COMMENTS
L-01	CABLE TRELLIS	SILVER	STAINLESS STEEL	CARL STAHL (312) 474-1100	SEE ARCH. DWGS.

TREE LEGEND:

SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE (HTxSPR)	WUCOLS	COMMENTS	DETAIL
	CASSIA LEPTOPHYLLA "GOLD MEDALLION TREE"	36" BOX (xx)	MODERATE (0.5)	STANDARD	1,4/L3.51
	CERCIS OCCIDENTALIS "WESTERN REDBUD"	36" BOX (8'x3')	LOW (0.3)	STANDARD	1,4/L3.51
	CERCIS OCCIDENTALIS "WESTERN REDBUD"	36" BOX (5-6' x 5-6')	LOW (0.3)	MULTI-TRUNK	1,4/L3.51
	CHILOPSIS LINEARIS "DESERT WILLOW"	36" BOX (8'x4')	VERY LOW (0.1)	STANDARD	1,4/L3.51
	GEIJERA PARVIFLORA "AUSTRALIAN WILLOW"	36" BOX (9'x4')	LOW (0.3)	STANDARD	1,4/L3.51
	PLATANUS RACEMOSA "CALIFORNIA SYCAMORE"	60" BOX (16-18' X 10-12')	MODERATE (0.5)	MULTI-TRUNK	2/L3.51

SHRUB, VINE & GROUNDCOVER LEGEND:

SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE (HTxSPR)	WUCOLS	COMMENTS	DETAIL
	ARISTIDA PURPUREA "PURPLE THREE-AWN"	5 GAL 12"x5"	VERY LOW (0.1)	-	5,8/L3.51
	ASPIDISTRA ELATIOR "CAST IRON PLANT"	5 GAL 12"x6"	MODERATE (0.5)	-	6,8/L3.51
	BACCHARIS PILULARIS 'PIGEON POINT' "DWARF COYOTE BRUSH"	5 GAL 8"x8"	LOW (0.3)	36" O.C. TRIANGULAR SPACING	6,8/L3.51
	CEANOTHUS 'CENTENNIAL' "CENTENNIAL CEANOTHUS"	5 GAL 6"x8"	LOW (0.3)		5,8/L3.51
	DODONAEA VISCOSA "HOPSEED BUSH"	15 GAL 4'x2'	LOW (0.3)	-	5,8/L3.51
	CAMPSIS RADICANS "TRUMPET VINE"	5 GAL 3'x1'	MODERATE (0.5)	-	5,8/L3.51
	DIETES BICOLOR FORTNIGHT LILY	5 GAL 12"x8"	LOW (0.3)	-	5,8/L3.51
	LOMANDRA LONGIFOLIA "SPINY HEADED MAT RUSH"	5 GAL 12"x8"	LOW (0.3)	-	5,8/L3.51
	MIMULUS AURANTIACUS PUNICEUS "RED BUSH MONKEY FLOWER"	5 GAL 12"x8"	LOW (0.3)	-	5,8/L3.51
	MUHLENBERGIA DUBIA "PINE MUHLY"	1 GAL 8"x6"	LOW (0.3)	42" O.C. TRIANGULAR SPACING	6,8/L3.51
	MYOPORUM PARVIFOLIUM "MYOPORUM"	5 GAL (10"x6")	LOW (0.3)	-	5,8/L3.51
	PELARGONIUM 'CITRONELLA' "SCENTED GERANIUM"	5 GAL (12"x12")	MODERATE (0.5)	-	5,8/L3.51
	PENSTEMON SPECTABILIS "SHOWY PENSTEMON"	5 GAL 10"x6"	LOW (0.3)	-	5,8/L3.51
	PHILODENDRON "XANADU" "XANADU PHILODENDRON"	1 GAL 1'x1'	MODERATE (0.5)	-	5,8/L3.51
	SALVIA 'BEE'S BLISS' "BEE'S BLISS SAGE"	5 GAL 8"x6"	LOW (0.3)	-	5,8/L3.51
	SENECIO SERPENS "BLUE CHALKSTICKS"	1 GAL 6"x9"	LOW (0.3)	15" O.C.	6,8/L3.51
	VERBENA LILICIANA 'DE LA MINA' "CEDROS ISLAND VERBENA"	5 GAL 12"x8"	LOW (0.3)	36" O.C. TRIANGULAR SPACING	6,8/L3.51

BIOBASIN MIX

	CAREX PRAEGRACILIS "CLUSTERED FIELD SEDGE"	1 GAL 8"x5"	MODERATE (0.5)	2' O.C., 35% OF TOTAL	-
	JUNCUS PATENS "COMMON RUSH"	1 GAL 10"x5"	LOW (0.3)	30" O.C., 50% OF TOTAL	-
	ANEMOPSIS CALIFORNICA "YERBA MANSA"	1 GAL 6"x5"	MODERATE (0.5)	2' O.C., 15% OF TOTAL	-
	DECOMPOSED GRANITE MULCH AT PARKING LOT DIAMONDS "CALIFORNIA GOLD"	-	-	UNSTABILIZED	2/L3.52

Keynotes:

Notes:

Santee — SO MUCH TO DO EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adra**
Date: **Aug 22, 2025**

INTERWEST — a Lyntbolt company
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT — JOHN R. MATHER NO. 4666 — Signature — 2/28/26 Renewal Date — 7/10/2025 Date — STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - PLANTING LEGEND AND NOTES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

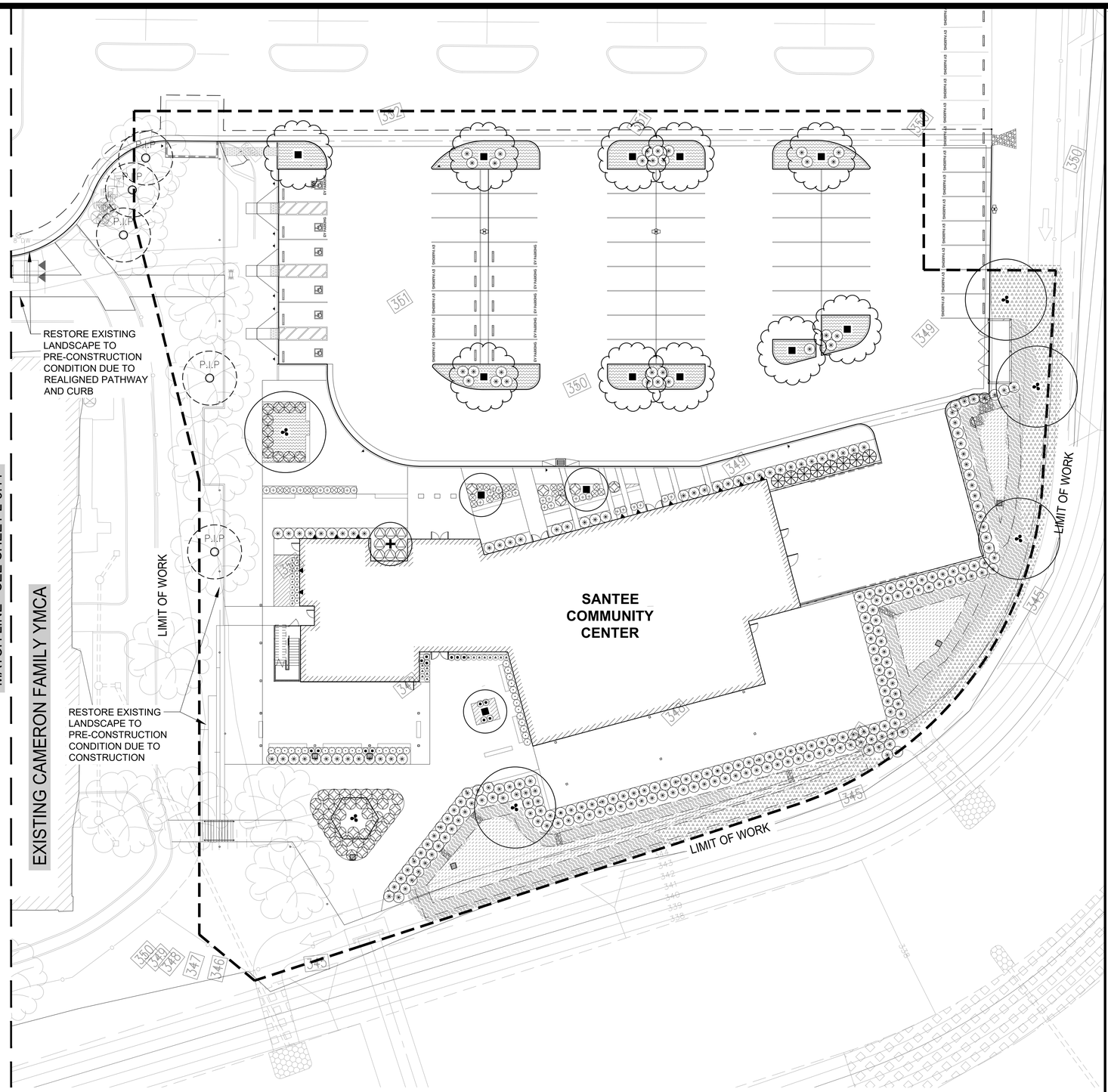
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER LANDSCAPE PLANTING NOTES

CITY W.O. NO.: CIP 2018-31

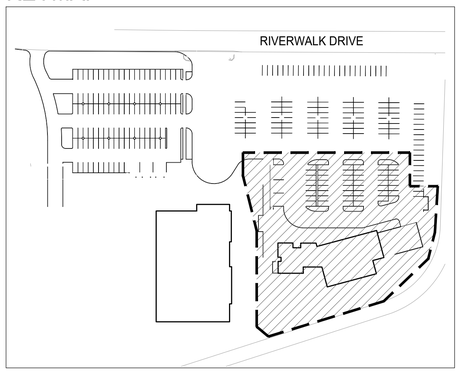
DRAWING NO.: L3.00
SHEET 31 OF 294

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



KEYMAP



Keynotes:

Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:02 PM

LICENSED LANDSCAPE ARCHITECT
CHRIS R. MATHER NO. 6454
Signature
2/28/26
Renewal Date
7/10/2025
Date
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - PLANTING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER LANDSCAPE PLANTING PLAN

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L3.10
SHEET 32 OF 294

Please Recycle

RESTORE MULCH AND PLANTING

LIMIT OF WORK

RESTORE DISTURBED TURF BEHIND NEW CURB TO MATCH EXISTING

REPLACE DISTURBED EXISTING TURF BEHIND NEW CURB WITH MYOPORUM (SEE SHEET L3.00)

D.G MULCH AT PARKING DIAMONDS

3 L3.52 TYP.

LIMIT OF WORK

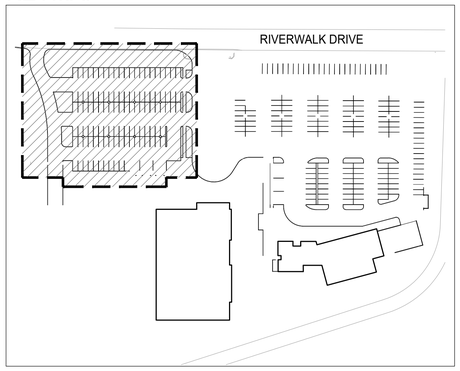
LIMIT OF WORK

RESTORE EXISTING LANDSCAPE TO PRE-CONSTRUCTION CONDITION DUE TO REALIGNED PATHWAY AND CURB

MATCH LINE - SEE SHEET L-3.10

EXISTING CAMERON FAMILY YMCA

KEYMAP



0 10' 20' 40'

NORTH

Keynotes:

Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A Stantec Company
Approved
08/01/2025 3:22:03 PM

LICENSED LANDSCAPE ARCHITECT
JEAN E. MATHER NO. 4764
Signature 2/28/26
Renewal Date 7/10/2025
Date
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - PLANTING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO. _____	DATE _____	EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER LANDSCAPE PLANTING PLAN

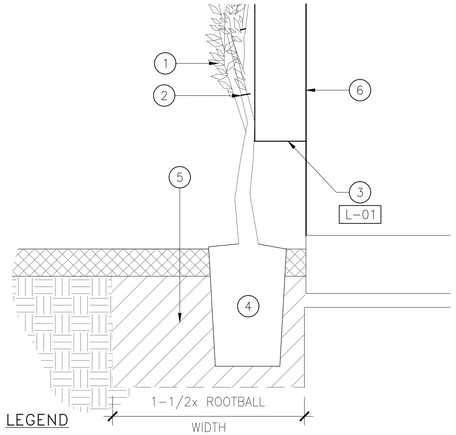
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L3.11

SHEET 33 OF 294

Please Recycle

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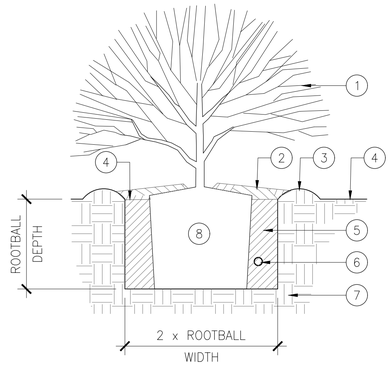


LEGEND

1. VINE.
2. ATTACH TO CABLE TRELLIS WITH PLASTIC NURSERY FASTNERS.
3. CABLE TRELLIS; BUILDING ATTACHMENTS PER ARCH DWGS.
4. ROOTBALL.
5. AMENDED BACKFILL PER SPECS.
6. BUILDING FACE.

7 VINE AT CABLE TRELLIS

SCALE: 1-1/2" = 1'-0" xxxxxx.dwg

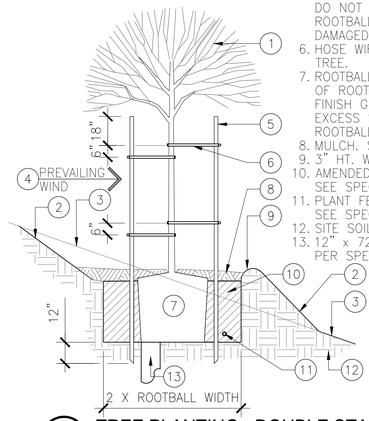


KEYNOTE LEGEND

1. SHRUB.
2. MULCH. SEE SPECIFICATIONS.
3. 3" HT WATERING BASIN.
4. FINISH GRADE.
5. AMENDED BACKFILL. SEE SPECIFICATIONS.
6. FERTILIZER TABLET. SEE SPECIFICATIONS.
7. SITE SOIL.
8. ROOTBALL. SET TOP OF ROOTBALL 2" ABOVE FINISH.

5 SHRUB PLANTING

SCALE: N.T.S. 32 90 00 SHRUB PLANTING.dwg



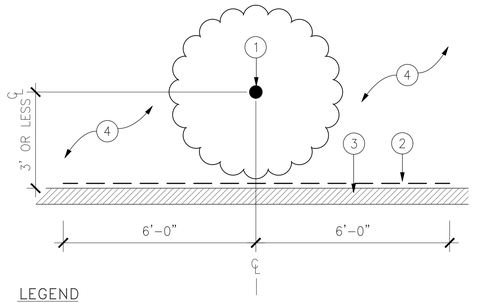
LEGEND

1. TREE.
2. FINISH GRADE @ TREE-SLOPE NOT TO EXCEED 1.5:1.
3. EXISTING GRADE. SLOPE VARIES.
4. STAKES TO BE PLACED IN ALIGNMENT WITH PREVAILING WIND.
5. 3" x 10' LODGEPOLE PINE STAKE. DO NOT DRIVE STAKE THROUGH ROOTBALL. CUT OFF TOP SECTION DAMAGED BY HAMMERING.
6. HOSE WIRE TREE TIE, 4 PER TREE.
7. ROOTBALL. PLANT SO TOP OF ROOTBALL IS 2" ABOVE FINISH GRADE. DO NOT ALLOW EXCESS SOIL TO COVER TOP OF ROOTBALL OR EXPOSE SIDES.
8. MULCH. SEE SPECIFICATIONS.
9. 3" HT. WATERING BASIN.
10. AMENDED BACKFILL. SEE SPECIFICATIONS.
11. PLANT FERTILIZER TABLET. SEE SPECIFICATIONS.
12. SITE SOIL.
13. 12" x 72" SANDFILLED SUMP, PER SPECS.

NOTE:
FOR OTHER STAKING CONFIGURATIONS, REFER TO OTHER DETAILS.

3 TREE PLANTING - DOUBLE STAKE ON SLOPE

SCALE: NTS 32 90 00 TREE - SLOPE.dwg



LEGEND

1. TREE TRUNK.
2. 12 LF OF 24"-DEEP ROOT CONTROL BARRIER: DEEPROOT UB-24 OR EQUIVALENT. CENTER BARRIER ON TRUNK OF TREE. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
3. HARDSCAPE ELEMENT: CURB, SIDEWALK, WALL, ETC.
4. PLANTING AREA

1 ROOT CONTROL BARRIER

SCALE: NTS 32 90 00 ROOT BARRIER.dwg

LEGEND

1. PAVING EDGE.
2. CURB.
3. PLANTING AREA.
4. PLANT.

NOTE: PLANT @ SPACING SHOWN ON PLAN AND SPACING DETAIL.

8 PLANT LAYOUT @ IRREGULAR AREAS

SCALE: N.T.S. 32 90 00 SHRUB - IRREGULAR LAYOUT.dwg

LEGEND

1. FINISH GRADE-SLOPE NOT TO EXCEED 1-1/2 : 1
2. EXISTING GRADE. SLOPE VARIES.
3. SHRUB.
4. MULCH. SEE SPECIFICATIONS.
5. 3" HT WATERING BASIN.
6. ROOTBALL. SET TOP OF ROOTBALL 2" ABOVE FINISH GRADE.
7. AMENDED BACKFILL. SEE SPECIFICATIONS.
8. FERTILIZER TABLET. SEE SPECIFICATIONS.
9. SITE SOIL.

6 SHRUB PLANTING - ON SLOPE

SCALE: N.T.S. 32 90 00 SHRUB - ON SLOPE.dwg

LEGEND

1. TREE-STREET TREES TO HAVE 7' CLEAR TRUNK.
2. LODGEPOLE PINE STAKE. 36" BOX TREES: 3" X 12'. TOP OF STAKE IS 6" CLEAR OF LOWEST TREE BRANCHES.
3. TREE TIE PER SPECIFICATIONS, 4/TREE.
4. NOT USED.
5. 3" HT. WATERING BASIN.
6. ADJACENT PLANTING.
7. FINISH GRADE.
8. SITE SOIL.
9. PLANT FERTILIZER TABLET. SEE SPECIFICATIONS.
10. AMENDED BACKFILL. SEE SPECIFICATIONS.
11. ROOTBALL. PLANT SO TOP OF ROOTBALL IS 2" ABOVE FINISH GRADE.
12. DRAINAGE SUMP: 2-12" DIA. X 3' DEEP (36" OR LARGER BOX). FILL W/ WASHED COARSE SAND.
13. ROOT CONTROL BARRIER PER PLAN AND NOTES. INSTALL PER MANUF. RECOMMENDATIONS.
14. ADJACENT PAVEMENT.
15. MULCH.

4 TREE PLANTING - DOUBLE STAKE

SCALE: N.T.S. 32 90 00 TREE - DOUBLE STAKE.dwg

LEGEND

1. TREE.
2. 21" LONG PVC TUBING (COVERING CABLE).
3. (2)1/8" CABLE CLAMPS.
4. 1/2" DIAMETER WHITE PLASTIC TUBING.
5. 1/8" GALVANIZED AIRCRAFT CABLE.
6. 3/8" x 3" ZINC-PLATED TURNBUCKLE.
7. 'DUCKBILL' EARTH ANCHOR.
8. UNDISTURBED SOIL.
9. EDGE OF LANDSCAPE AREA.
10. AMENDED BACKFILL. SEE SPECIFICATIONS.
11. FERTILIZER TABLET. SEE SPECIFICATIONS.
12. ROOTBALL. SET TOP OF ROOTBALL 2" ABOVE FINISH GRADE.
13. ROOT CONTROL BARRIER. INSTALL PER MANUFACTURER'S SPECIFICATION.
14. FINISH GRADE.
15. MULCH, SEE SPECIFICATIONS.
16. 3" HT. WATERING BASIN. REMOVE @ END OF MAINTENANCE PERIOD.
17. NOT USED.

NOTE

MINIMUM OF 3 GUYS PER TREE. LANDSCAPE ARCHITECT MAY REQUIRE MORE, DEPENDING ON SITUATION.

2 TREE GUYING WITH ANCHORS

SCALE: N.T.S. xxxxxx.dwg

Keynotes:

Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:03 PM

LICENSED LANDSCAPE ARCHITECT
JOHN R. MATHER NO. 5641
Signature
2/28/26
Renewal Date
7/10/2025
Date
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - PLANTING DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE	EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
LANDSCAPE PLANTING DETAILS

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L3.51

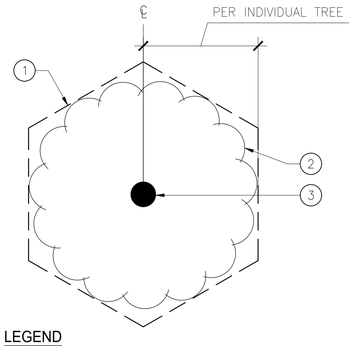
SHEET 34 OF 294

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NOTES

A. TYPICAL FENCE CONFIGURATION SHOWN. ACTUAL FIELD CONDITIONS MAY VARY LAYOUT.
B. FENCE TO BE INSTALLED AROUND TREE CANOPY WHERE SITE LOGISTICS ALLOW. WHERE PATHS OF TRAVEL, ROADS, OR OTHER SITE LOGISTICS CONFLICT, FENCE MAY NOT COVER THE FULL EXTENT OF TREE CANOPY.

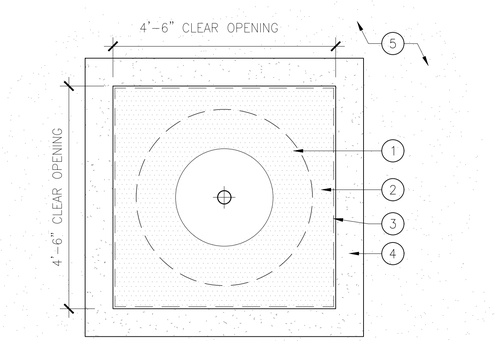


LEGEND

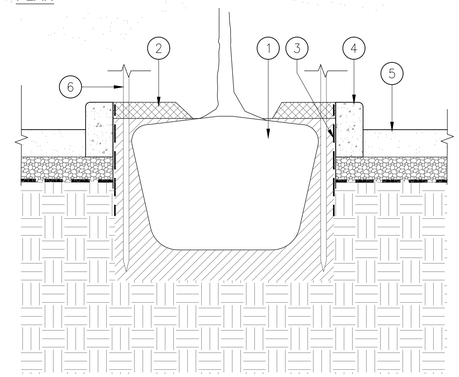
1. 5' HT. CHAIN LINK FENCE.
2. EXTENT OF TREE CANOPY (DRIPLINE).
3. TREE TRUNK.

3 TREE PROTECTION ZONE TYP.

SCALE: NOT TO SCALE



PLAN



SECTION

LEGEND

1. TREE ROOT BALL.
2. 3" DEPTH DECOMPOSED GRANITE SURFACE.
3. ROOT BARRIER.
4. ADJACENT CURB, PER CIVIL ENGR. DWGS.
5. ADJACENT PARKING LOT SURFACE, PER CIVIL ENGR. DWGS.
6. TREE STAKE; SEE 4/L3.51 FOR TREE PLANTING

2 DECOMPOSED GRANITE MULCH AT PARKING DIAMONDS

SCALE: N.T.S

Keynotes:

Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:03 PM

LICENSED LANDSCAPE ARCHITECT
CHAD R. MATHER NO. 6420
Signature
2/28/26
Renewal Date
7/10/2025
Date
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - PLANTING DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

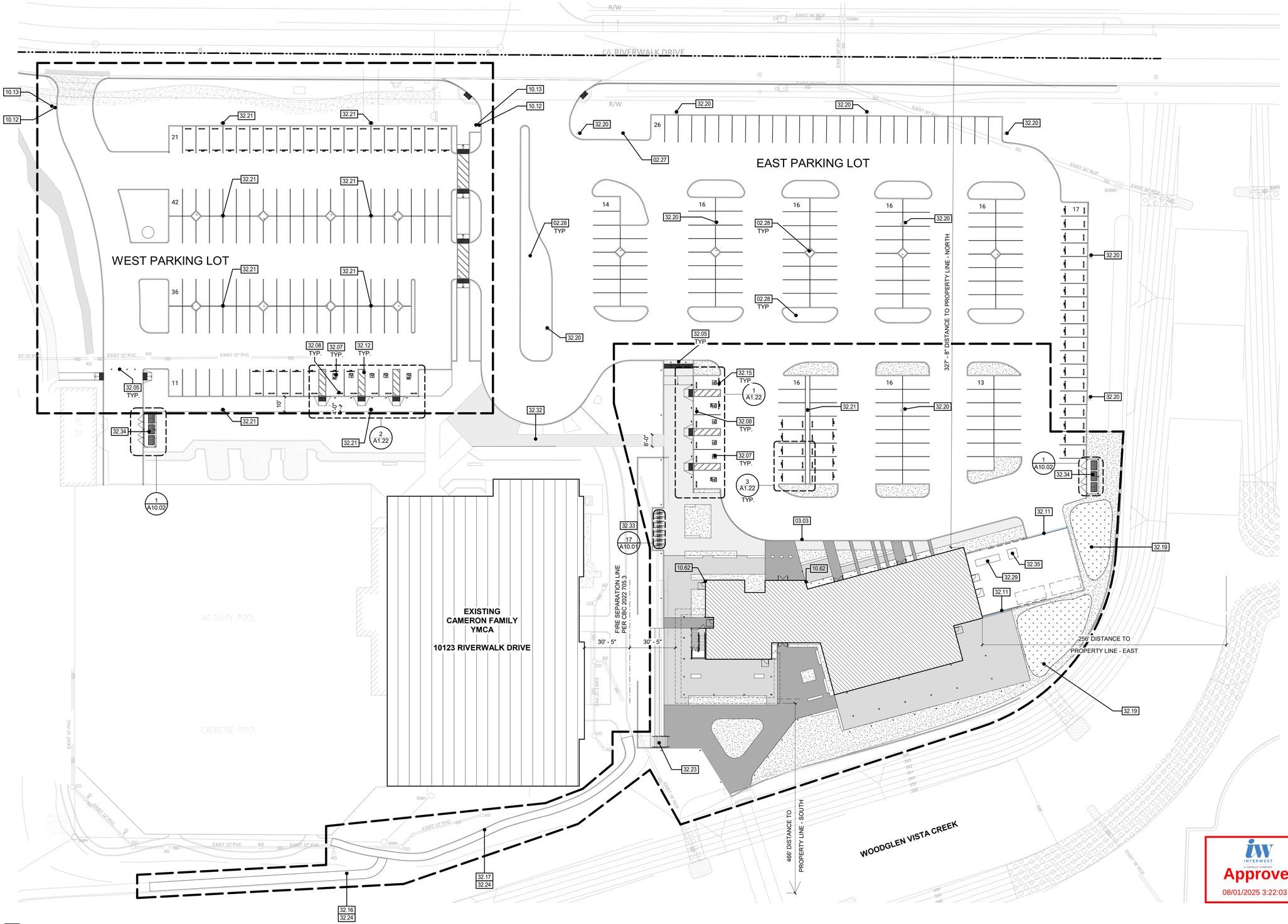
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
LANDSCAPE PLANTING DETAILS

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L3.52
SHEET 35 OF 294

Please Recycle



A1 / A1.21 1ST FLOOR - ARCHITECTURAL SITE BUILDING PLAN
1" = 30'-0"

Keynotes:

02.27 EXISTING SIDEWALK AND LANDSCAPE TO REMAIN, NOT INCLUDED IN SCOPE OF WORK, REFER TO LIMIT OF WORK FOR IMPROVEMENTS AREA
02.28 EXISTING PARKING ISLAND TO REMAIN, LANDSCAPE AND CURBS ARE NOT INCLUDED IN SCOPE OF WORK, TYP. REFER TO LIMIT OF WORK FOR IMPROVEMENTS AREA
03.03 CONCRETE CURB
10.12 TOW AWAY SIGN, REFER TO DETAIL 5/A10.01
10.13 FIRE LANE NO PARKING SIGN, REFER TO DETAIL 15/A10.01
10.62 KNOX BOX
32.05 REMOVABLE BOLLARD W/ INTEGRATED LIGHTING. REFER TO DETAIL 20/A10.01
32.07 ISA PAVEMENT SYMBOL
32.08 CONCRETE WHEEL STOP
32.11 ROLLING GATE. REFER TO DETAIL 11/A10.02
32.12 ACCESS AISLE - PERIMETER PAINTED BLUE, FIELD PAINTED WHITE, REFER TO DETAIL 13/A10.01
32.15 SURFACE MARKING "EV CHARGING ONLY" PER CBC 2022 11B-812.9
32.16 NEW CONCRETE SIDEWALK. REFER TO CIVIL PLANS FOR EXTENSION OF WORK
32.17 NEW DECOMPOSED GRANITE PATHWAY. REFER TO CIVIL PLANS FOR EXTENSION OF WORK
32.19 RETENTION BASIN
32.20 EXISTING LIGHTING POLE TO REMAIN. NOT INCLUDED IN SCOPE OF WORK
32.21 NEW LIGHTING POLE
32.23 CONCRETE STAIRS. REFER TO CIVIL DRAWINGS
32.24 REFER TO CIVIL DRAWINGS FOR THE UTILITIES RE ROUTING PLAN
32.29 GENERATOR CONCRETE PAD. REFER TO STRUCTURAL DETAIL 3A/S0.14
32.32 8' - 0" SIDEWALK
32.33 BIKE RACK
32.34 CMU TRASH ENCLOSURE W/ 18' GATE
32.35 CONCRETE PAD FOR UTILITY TRANSFORMER - REFER TO STRUCTURAL DETAIL 3A/S0.14

Santee — PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadro
Date: Aug 22, 2025

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- LANDSCAPE; REFER TO LANDSCAPE
- ASPHALT PAVING; REFER TO CIVIL
- CONCRETE PAVING; REFER TO CIVIL
- NATIVE SOIL; REFER TO LANDSCAPE
- PAVERS; REFER TO LANDSCAPE
- EXISTING BUILDING
- NEW BUILDING

NOTES

1. REFER TO SHEET G0.#1 SERIES FOR TYPICAL SYMBOLS AND ABBREVIATIONS.
2. REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION.
3. REFER TO CIVIL DRAWINGS FOR GRADING AND UTILITY INFORMATION
4. REFER TO MEP DRAWING FOR UTILITY INFORMATION
5. CONTRACTORS IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/ PLANTING OUTSIDE OF LIMIT OF WORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES.
6. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4 " MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
7. ALL PROPERTY LINES, EASEMENTS AND BUILDINGS, EXISTING AND PROPOSED, ARE SHOWN ON THIS SITE PLAN.
8. SURFACE WATER WILL DRAIN AWAY FROM BUILDING. THE GRADE SHALL FALL A MINIMUM OF 5% WITHIN THE FIRST 10' (2% FOR IMPERVIOUS SURFACES). REFER TO CBC 2022 SEC. 1804.4

INTERWEST — Approved 08/01/2025 3:22:03 PM

LICENSED ARCHITECT — KYLE G. PETERSEN — C-32652 — REN. 05/31/27 — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

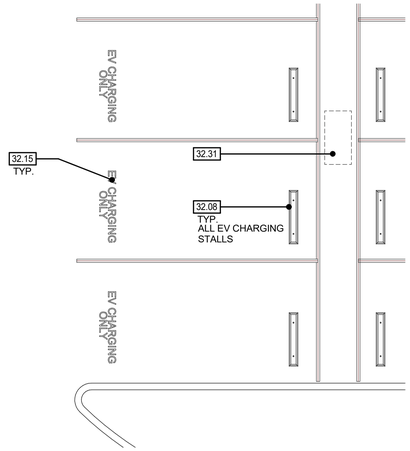
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

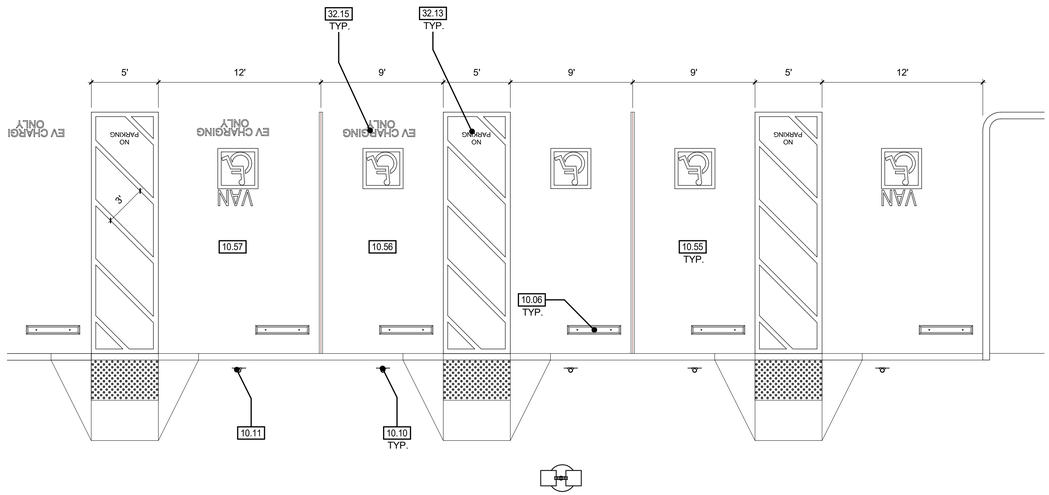
DRAWING NO. A1.21
SHEET 36 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

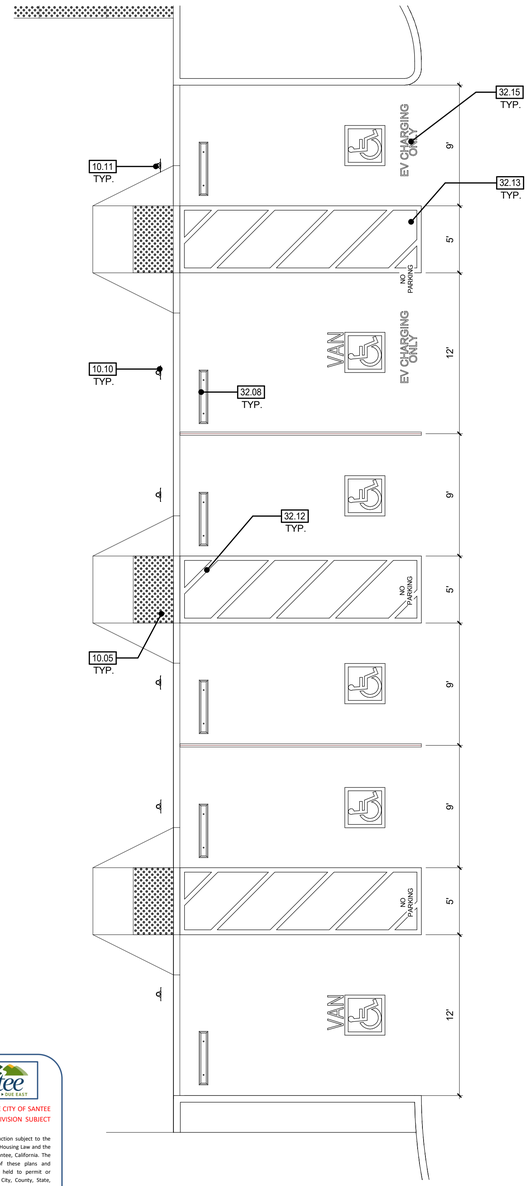
SANTEE COMMUNITY CENTER - SITE PLAN



3 / A1.22 ENLARGED TYPICAL EV CHARGING SPOT
3/16" = 1'-0"



2 / A1.22 ENLARGED ACCESSIBLE WEST PARKING
3/16" = 1'-0"



1 / A1.22 ENLARGED EAST ACCESSIBLE PARKING
3/16" = 1'-0"

Santee
DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # BCNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:03 PM

Keynotes:

10.05	TRUNCATED DOMES, REFER TO DETAIL 9/A10.01
10.06	WHEEL STOP, REFER TO DETAIL 11/A10.01
10.10	ACCESSIBLE PARKING SIGN AND POST, REFER TO DETAIL 7/A10.01
10.11	ACCESSIBLE VAN PARKING SIGN AND POST, REFER TO DETAIL 7/A10.01
10.55	STANDARD ACCESSIBLE STALL
10.56	EV ACCESSIBLE STALL
10.57	EV VAN ACCESSIBLE STALL
32.08	CONCRETE WHEEL STOP
32.12	ACCESS AISLE - PERIMETER PAINTED BLUE, FIELD PAINTED WHITE, REFER TO DETAIL 13/A10.01
32.13	12" HIGH WHITE LETTER, REFER TO DETAIL 12/A10.01
32.15	SURFACE MARKING "EV CHARGING ONLY" PER CBC 2022 11B-812.9
32.31	EV CHARGING STATION. DEFERRED SUBMITTAL. REFER TO GENERAL NOTES ON SHEET G0.11

PARKING

EXISTING PARKING:

270 REGULAR STALL
9 ACCESSIBLE STALLS

PROPOSED PARKING - EAST LOT:

165 REGULAR STALLS (35 EV)

6 ACCESSIBLE STALLS (1 VAN)
1 VAN & 1 STANDARD EV PER TABLE 11B-228.3.2.1

EVCS (CBC 2022 TABLE 5.106.5.3.1) = 9

PROPOSED PARKING - WEST LOT:

110 REGULAR STALLS (25 EV)

5 ACCESSIBLE STALLS (1 VAN)
1 VAN & 1 STANDARD EV PER TABLE 11B-228.3.2.1

EVCS (CBC 2022 TABLE 5.106.5.3.1) = 6

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- LANDSCAPE; REFER TO LANDSCAPE
- ASPHALT PAVING; REFER TO CIVIL
- CONCRETE PAVING; REFER TO CIVIL
- NATIVE SOIL; REFER TO LANDSCAPE
- PAVERS; REFER TO LANDSCAPE
- EXISTING BUILDING
- NEW BUILDING

NOTES

1. REFER TO SHEET G0.#1 SERIES FOR TYPICAL SYMBOLS AND ABBREVIATIONS.
2. REFER TO LANDSCAPE DRAWINGS FOR PAVING AND PLANTING INFORMATION.
3. REFER TO CIVIL DRAWINGS FOR GRADING AND UTILITY INFORMATION
4. REFER TO MEP DRAWING FOR UTILITY INFORMATION
5. CONTRACTORS IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/ PLANTING OUTSIDE OF LIMIT OF WORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES.
6. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4 " MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
7. ALL PROPERTY LINES, EASEMENTS AND BUILDINGS, EXISTING AND PROPOSED, ARE SHOWN ON THIS SITE PLAN.
8. SURFACE WATER WILL DRAIN AWAY FROM BUILDING. THE GRADE SHALL FALL A MINIMUM OF 5% WITHIN THE FIRST 10' (2% FOR IMPERVIOUS SURFACES). REFER TO CBC 2022 SEC. 1804.4

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

TN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

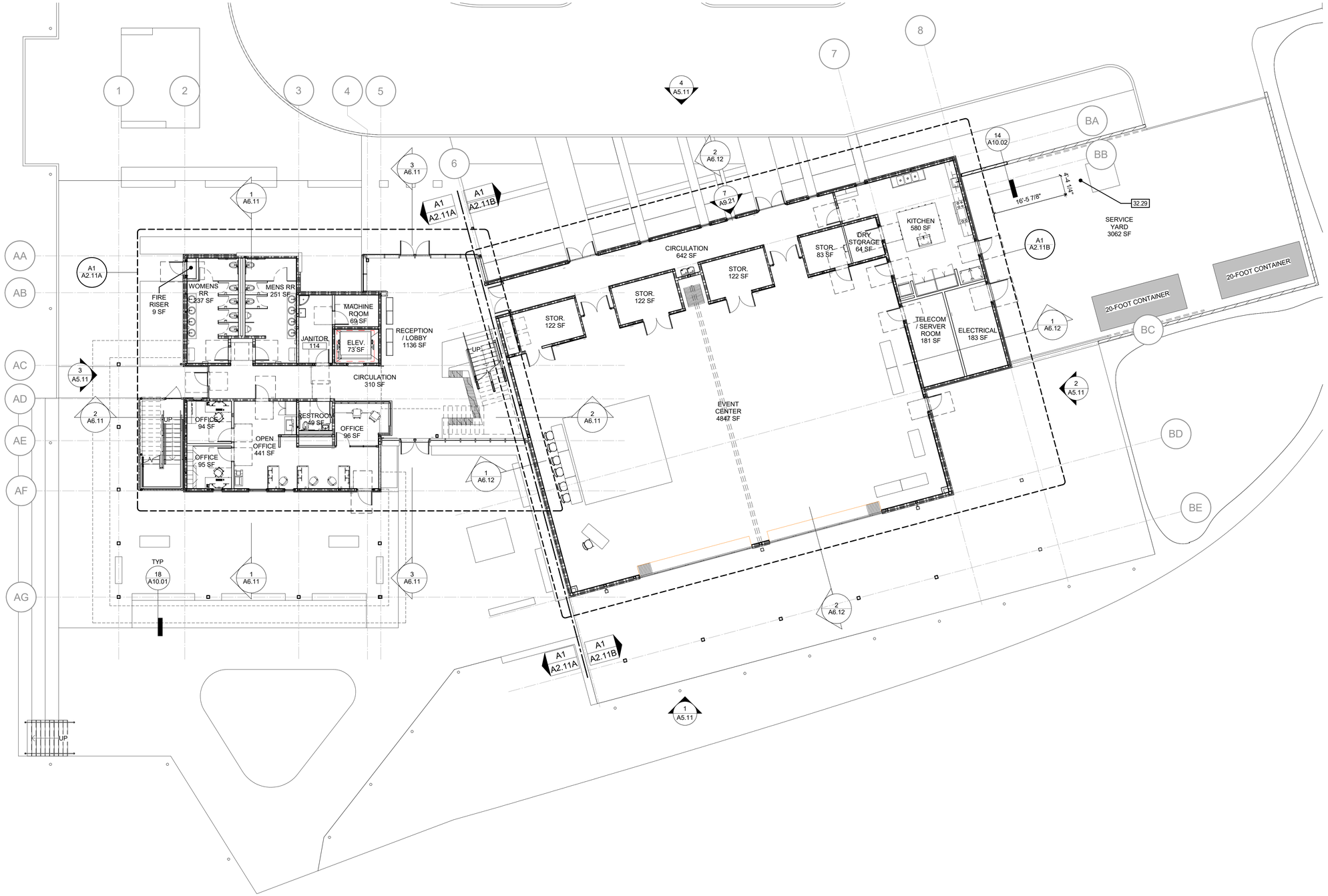
CITY W.O. NO. CIP 2018-31

DRAWING NO. A1.22
SHEET 37 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ENLARGED ACCESSIBLE PARKING

Please Recycle



A1 / A2.11 1ST FLOOR - PLAN
3/32" = 1'-0"

Keynotes:

32.29 GENERATOR CONCRETE PAD. REFER TO STRUCTURAL DETAIL 3A/S0.14

Notes:

Santee
DO MORE • DUE EAST

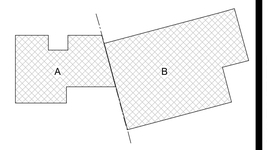
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:03 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

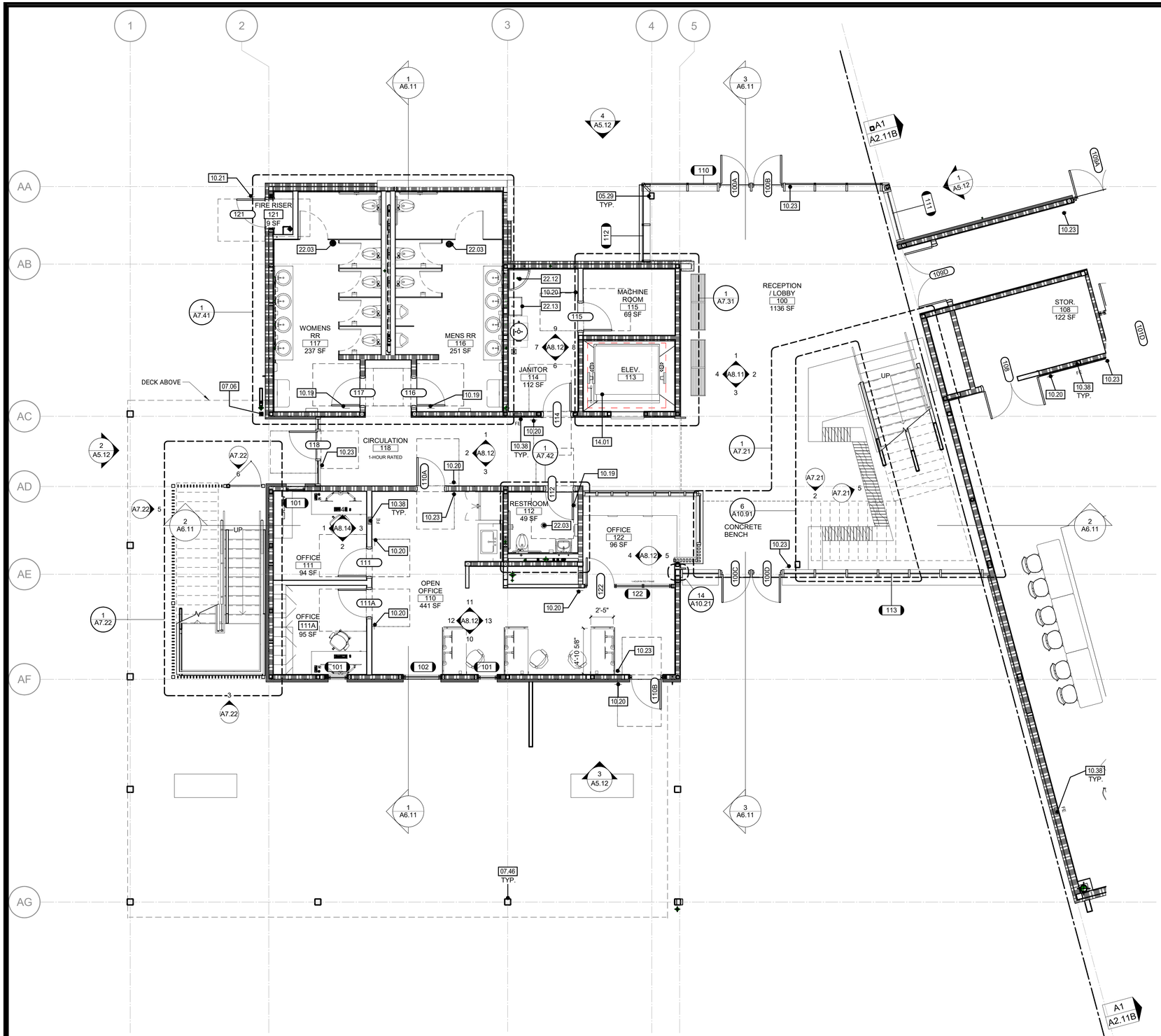
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: A2.11
SHEET 38 OF 294

Please Recycle



A1 1ST FLOOR - SEGMENT A - FLOOR PLAN
A2.11A 3/16" = 1'-0"

Keynotes:

05.29 HSS COLUMN. PROVIDE 1HR. INTUMESCENT STEEL PAINT. TYP ALL EXPOSES EXPOSED STRUCTURAL STEEL
07.06 METAL CASE AND DOWNSPOUT, REFER TO DETAIL 3/A10.91
07.46 1-HR INTUMESCENT COATING ON COLUMN (UL X650) W/ FINISH COLOR OF PAINT PER FINISH SCHED
10.19 RESTROOM SIGN - 10/A10.81
10.20 ROOM SIGN - 14/A10.81
10.21 FIRE RISER SIGN - 6/A10.81
10.23 TACTILE EXIT SIGN - 12/A10.81
10.38 RECESSED FIRE EXTINGUISHER CABINET, REFER TO DETAILS 12 & 13/A10.71
14.01 ELEVATOR
22.03 FLOOR DRAIN
22.12 JANITOR MOP SINK - REFER TO PLUMBING DRAWINGS
22.13 UTILITY SINK - REFER TO PLUMBING DRAWINGS

Notes:

1. OPERABLE EQUIPMENT AND DISPENSERS SHALL COMPLY WITH CBC 2022 11B SECTION 308. REFER TO A10.71 FOR MOUTIN HEIGHTS.

2. CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF A ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX, PER 11B-308.1.1

3. ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX, PER 11B-308.1.2

4. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM.

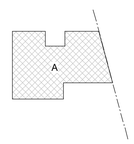
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:03 PM

LEGEND

1-HR FIRE RATED WALL

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT A - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

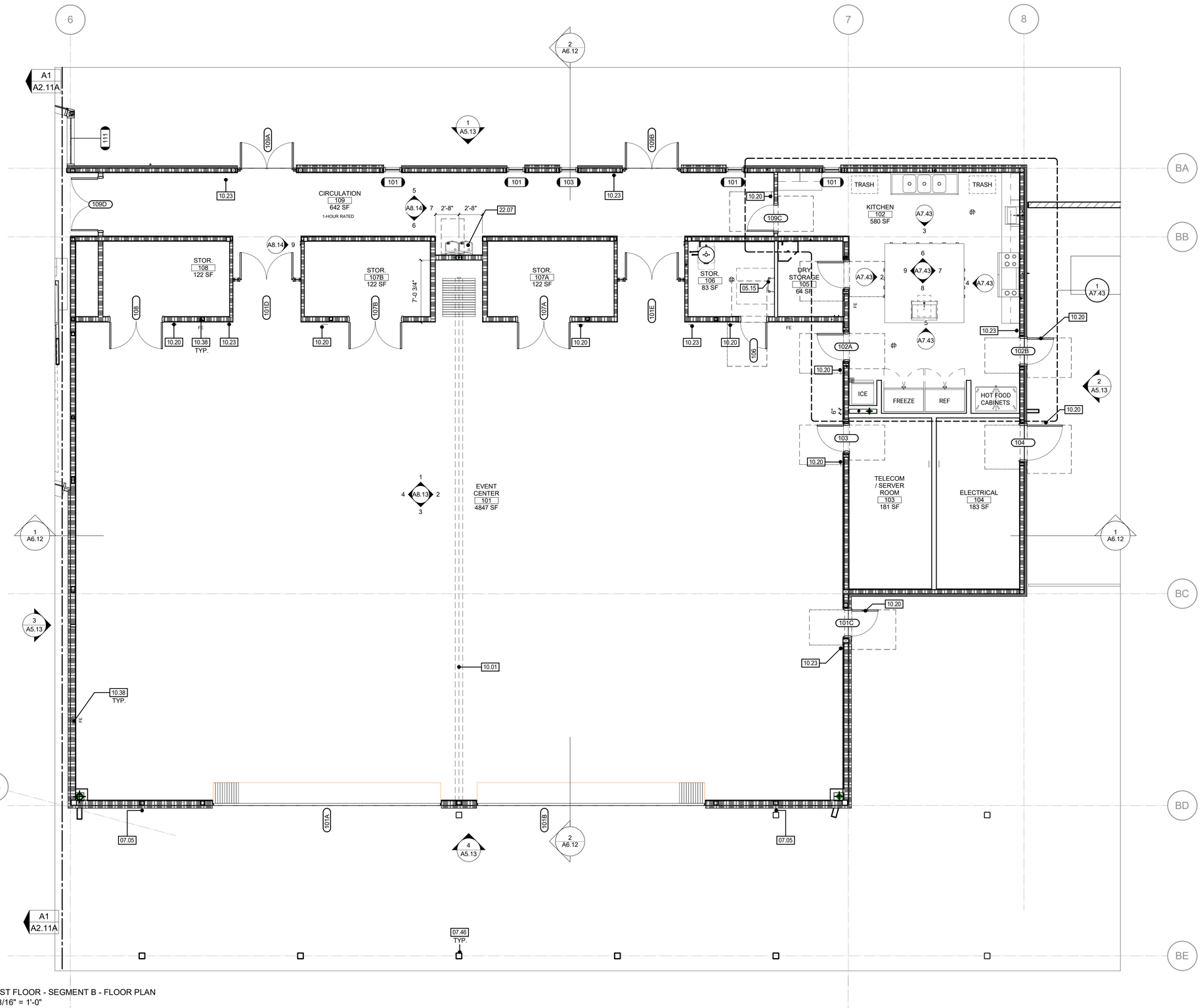
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: A2.11A
SHEET 39 OF 294

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



A1 / A2.11B 1ST FLOOR - SEGMENT B - FLOOR PLAN
3/16" = 1'-0"

Santee
SO MUCH TO SEE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASandre
Date: Aug 22, 2025

Keynotes:

05.15 ROOF LADDER
07.05 DOWNSPOUT, REFER TO DETAIL 2/A10.91
07.46 1-HR INTUMESCENT COATING ON COLUMN (UL X650) W/ FINISH COLOR OF PAINT PER FINISH SCHED
10.01 FOLDING PARTITION WALL AND WALL POCKET. ALTERNATE DESIGN
10.20 ROOM SIGN - 14/A10.81
10.23 TACTILE EXIT SIGN - 12/A10.81
10.38 RECESSED FIRE EXTINGUISHER CABINET, REFER TO DETAILS 12 & 13/A10.71
22.07 HI-LOW DRINKING FOUNTAIN

Notes:

1. OPERABLE EQUIPMENT AND DISPENSERS SHALL COMPLY WITH CBC 2022 11B SECTION 308. REFER TO A10.71 FOR MOUTIN HEIGHTS.

2. CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF A ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX, PER 11B-308.1.1

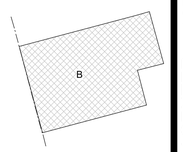
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LEGEND

1-HR FIRE RATED WALL

KEY PLAN:



INTERWEST
A Bureau Veritas Company
Approved
08/01/2025 3:22:03 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT B - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

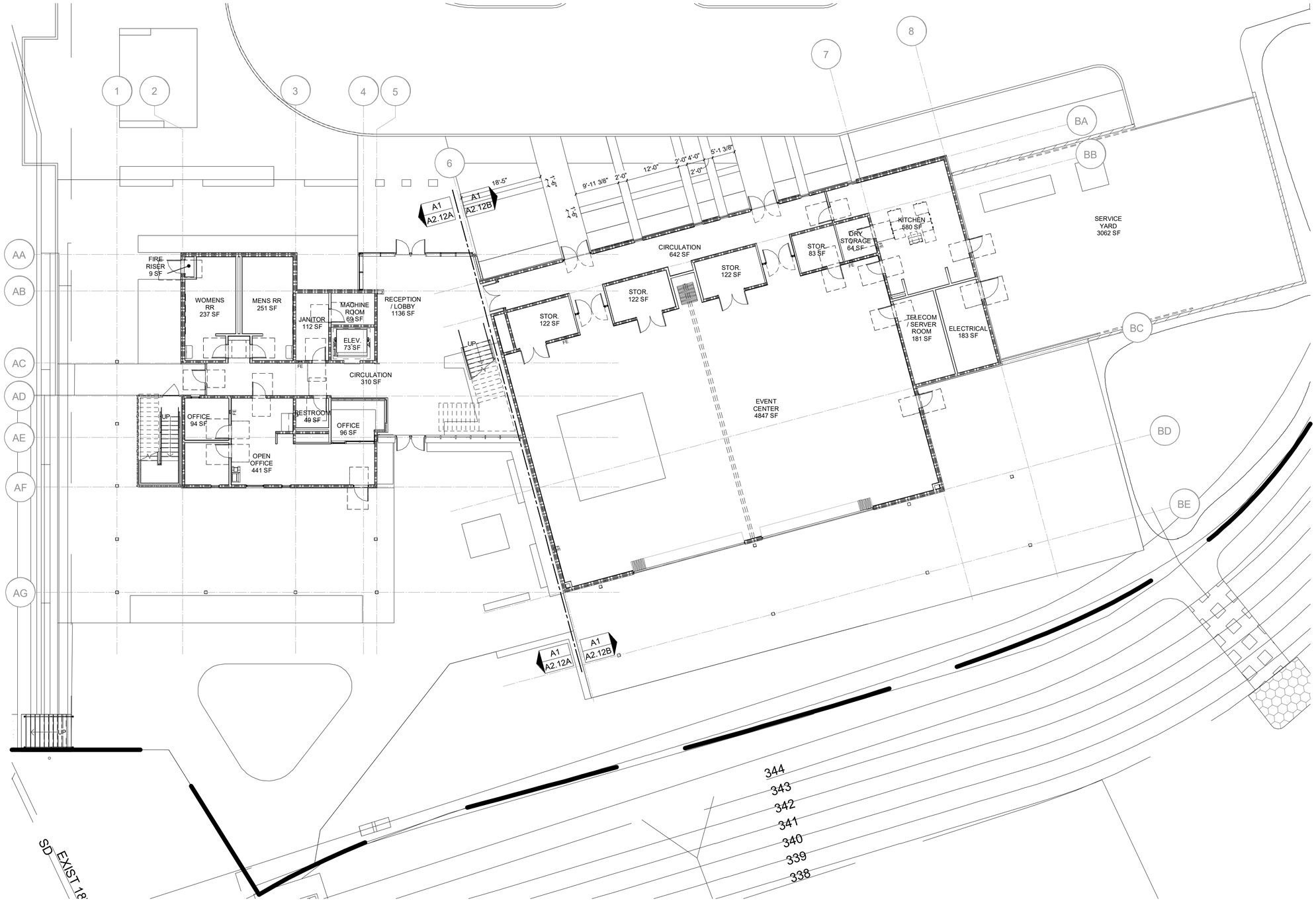
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF	DATE	
	RCE NO.	EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A2.11B
	SHEET 40 OF 294

Please Recycle



A1 / A2.12 1ST FLOOR - DIMENSIONS AND WALL TYPES
3/32" = 1'-0"

TN
PN

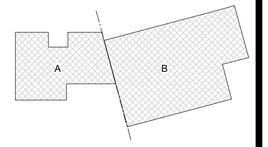
Keynotes:

Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug** 2**2**, 202**5**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:21:54 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - DIMENSION PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

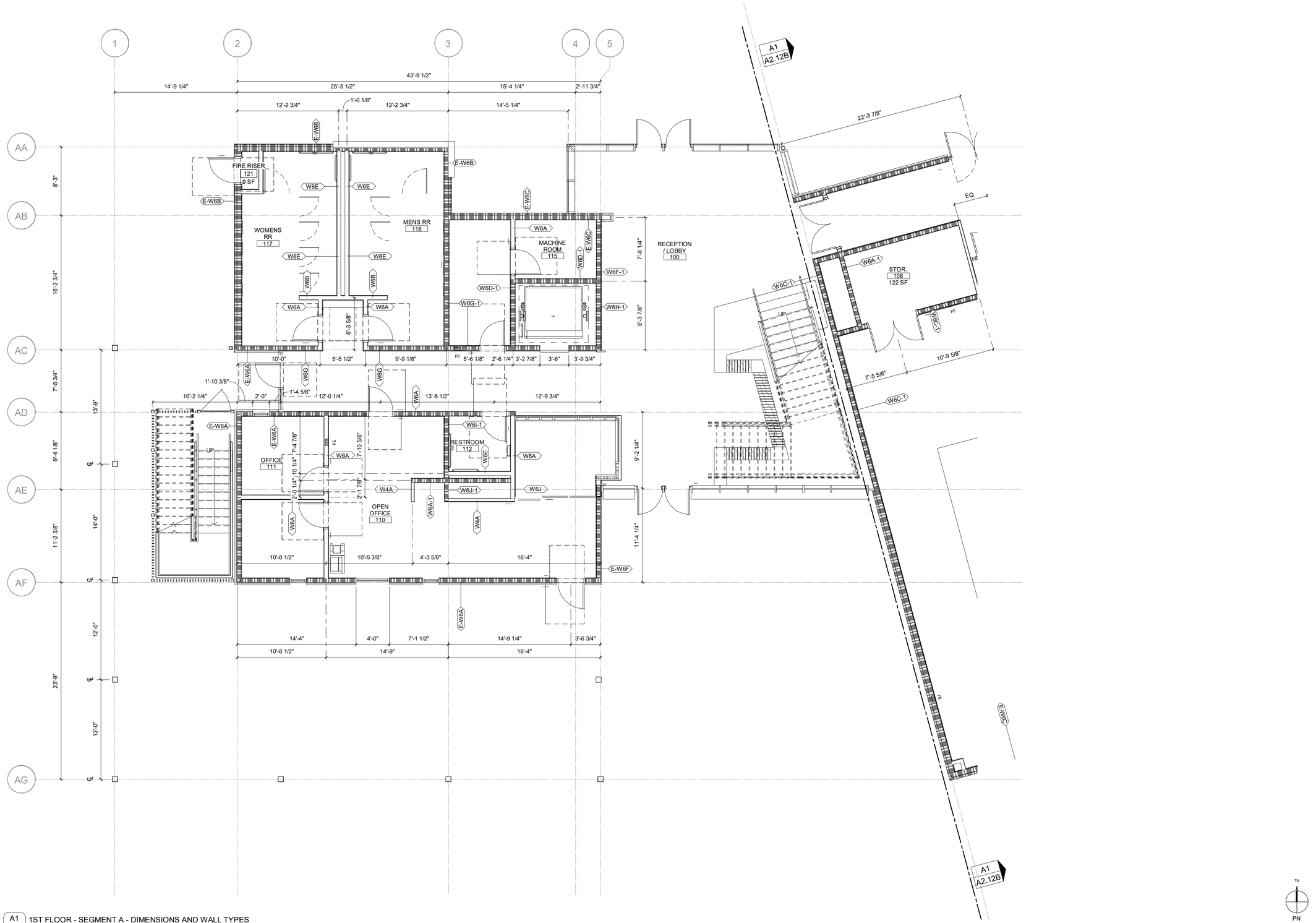
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BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A2.12
	SHEET 41 OF 294

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A1 / A2.12A 1ST FLOOR - SEGMENT A - DIMENSIONS AND WALL TYPES
3/16" = 1'-0"

TN
PN

Keynotes:

Notes:

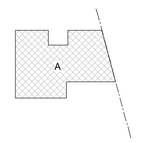
Santee
BE PROUD ★ BE THAT

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug** 2**2**, 202**5**

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:03 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT A - DIMENSIONS & WALL TYPES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A2.12A**
SHEET 42 OF 294

Please Recycle

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A1 / A2.12B 1ST FLOOR - SEGMENT B - DIMENSIONS AND WALL TYPES
3/16" = 1'-0"

Santee
SO MUCH TO BE EXCITED ABOUT

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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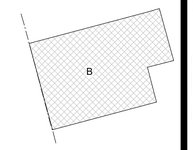
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Keynotes:

Notes:

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:03 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT B - DIMENSIONS & WALL TYPES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

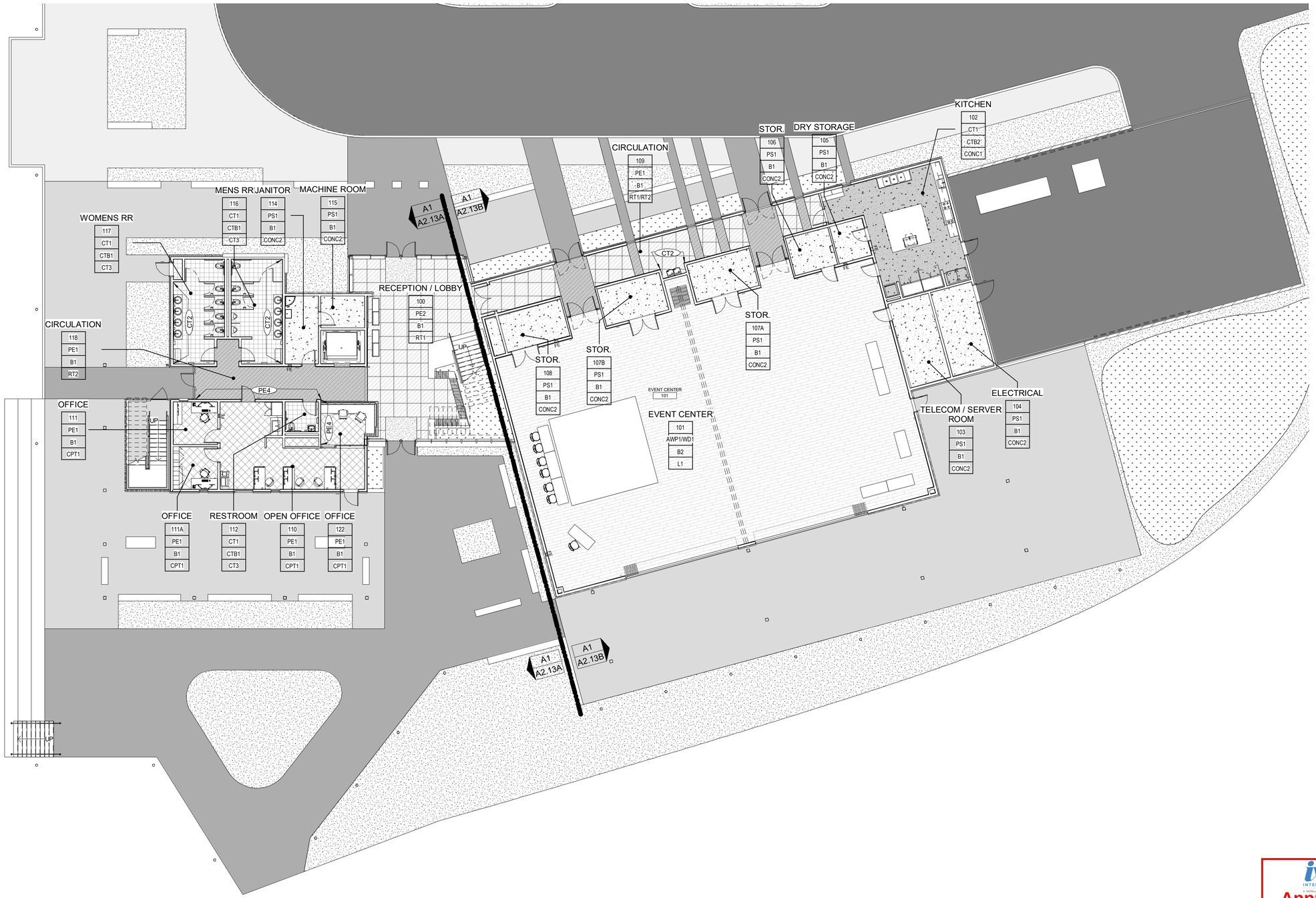
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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

DRAWING NO.: **A2.12B**
SHEET 43 OF 294

Please Recycle



A1 / A2.13 1ST FLOOR - FINISH PLAN
3/32" = 1'-0"

Keynotes:

Santee — CITY OF HOMES & BIG EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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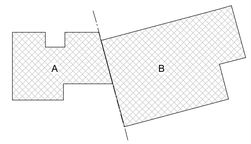
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

LEGEND

- CONC1 - POLISHED CONCRETE
- CONC2 - SEALED CONCRETE
- CT3 - CERAMIC FLOOR TILE
- RT1 - LVT FLOORING
- RT2 - LVT FLOORING
- L1 - LINOLEUM FLOORING
- CPT1 - CARPET TILE
- CPT2 - CARPET TILE
- EM1 - ENTRANCE MAT
- WDS1 - WATERPROOF DECK SYSTEM

ROOM NAME
101 — ROOM NUMBER
P1 — WALL FINISH/COLOR (TYP. ALL WALLS U.N.O.)
B2 — BASE TYPE/COLOR (TYP. ALL WALLS U.N.O.)
CT5 — FLOOR TYPE/COLOR (TYP. THROUGHOUT, U.N.O.)

KEY PLAN:



INTERWEST — A RAFFAELE COMPANY
Approved
08/01/2025 3:22:03 PM

TN
PN

LICENSED ARCHITECT — KYLE G. PETERSEN — C-32052 — REN. 05/31/27 — STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - FINISH PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

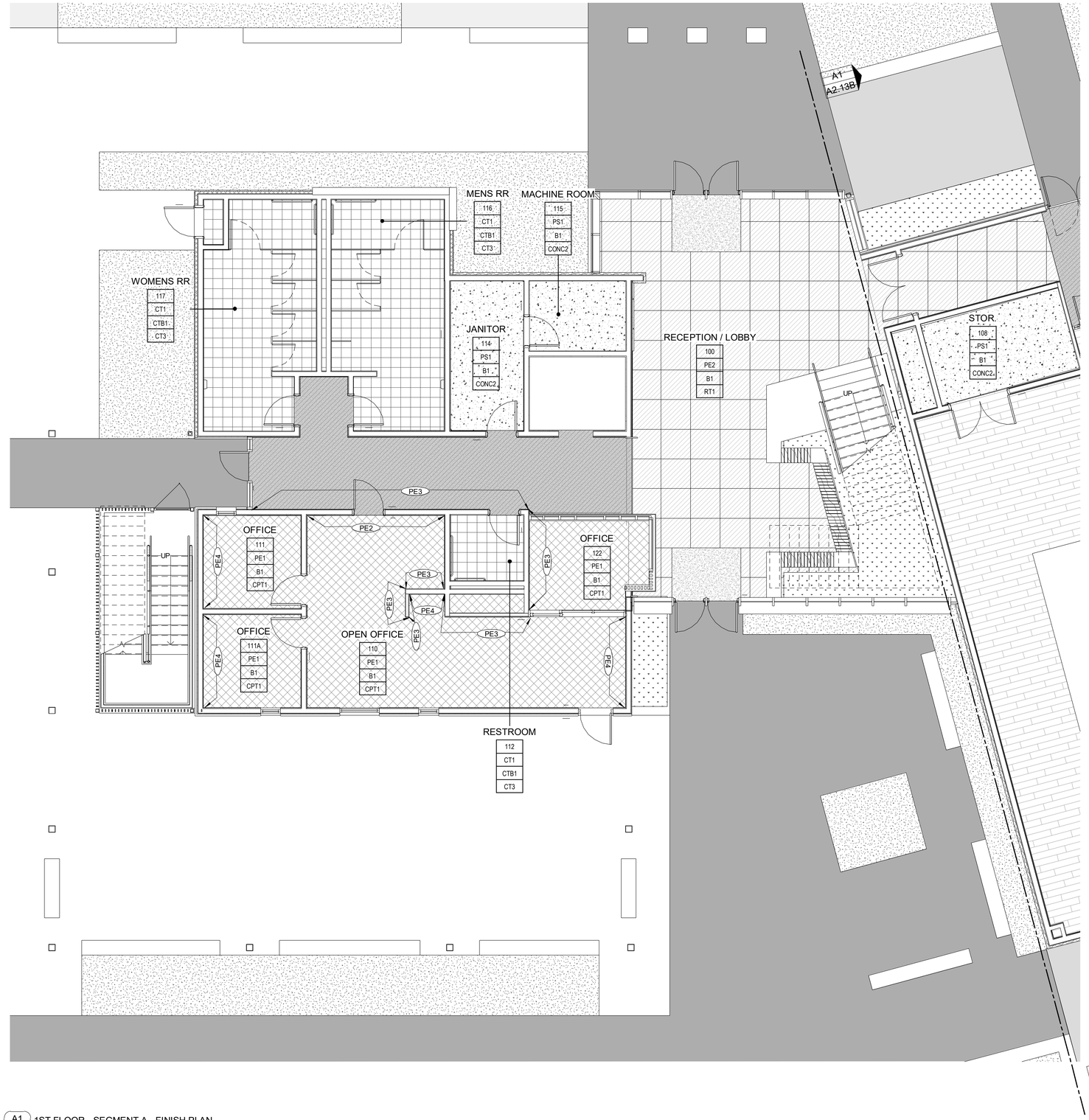
PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A2.13**
SHEET 44 OF 294



A1
A2.13A 1ST FLOOR - SEGMENT A - FINISH PLAN
3/16" = 1'-0"

Keynotes:

LEGEND

- CONC1 - POLISHED CONCRETE
- CONC2 - SEALED CONCRETE
- CT3 - CERAMIC FLOOR TILE
- RT1 - LVT FLOORING
- RT2 - LVT FLOORING
- L1 - LINOLEUM FLOORING
- CPT1 - CARPET TILE
- CPT2 - CARPET TILE
- EM1 - ENTRANCE MAT
- WDS1 - WATERPROOF DECK SYSTEM

ROOM NAME

101	ROOM NUMBER
P1	WALL FINISH/COLOR (TYP. ALL WALLS U.N.O.)
B2	BASE TYPE/COLOR (TYP. ALL WALLS U.N.O.)
CT5	FLOOR TYPE/COLOR (TYP. THROUGHOUT, U.N.O.)

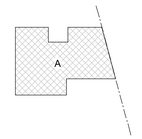
Santee
SO HOSS • SUH EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:03 PM

KEY PLAN:



TN
PN

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT A - FINISH PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

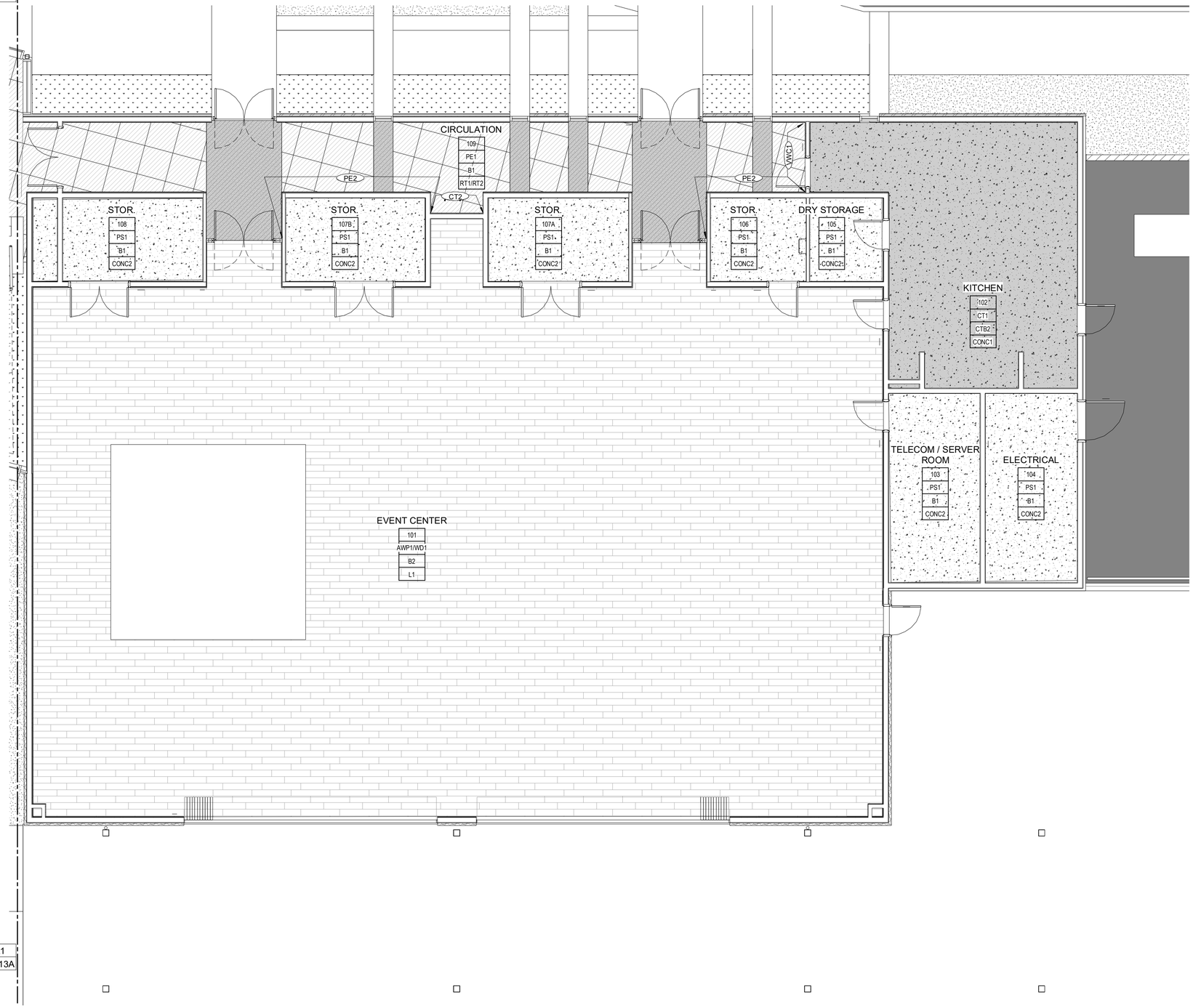
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: A2.13A
SHEET 45 OF 294

Please Recycle

A1
A2.13A



A1
A2.13A

A1 / A2.13B 1ST FLOOR - SEGMENT B - FINISH PLAN
3/16" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:03 PM

Keynotes:

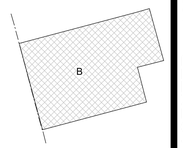
LEGEND

- CONC1 - POLISHED CONCRETE
- CONC2 - SEALED CONCRETE
- CT3 - CERAMIC FLOOR TILE
- RT1 - LVT FLOORING
- RT2 - LVT FLOORING
- L1 - LINOLEUM FLOORING
- CPT1 - CARPET TILE
- CPT2 - CARPET TILE
- EM1 - ENTRANCE MAT
- WDS1 - WATERPROOF DECK SYSTEM

ROOM NAME

101	ROOM NUMBER
P1	WALL FINISH/COLOR (TYP. ALL WALLS U.N.O.)
B2	BASE TYPE/COLOR (TYP. ALL WALLS U.N.O.)
CT5	FLOOR TYPE/COLOR (TYP. THROUGHOUT, U.N.O.)

KEY PLAN:



LICENSED ARCHITECT
KYLE S. PETERSEN
C-32052
REN: 05/31/27
STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT B - FINISH PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

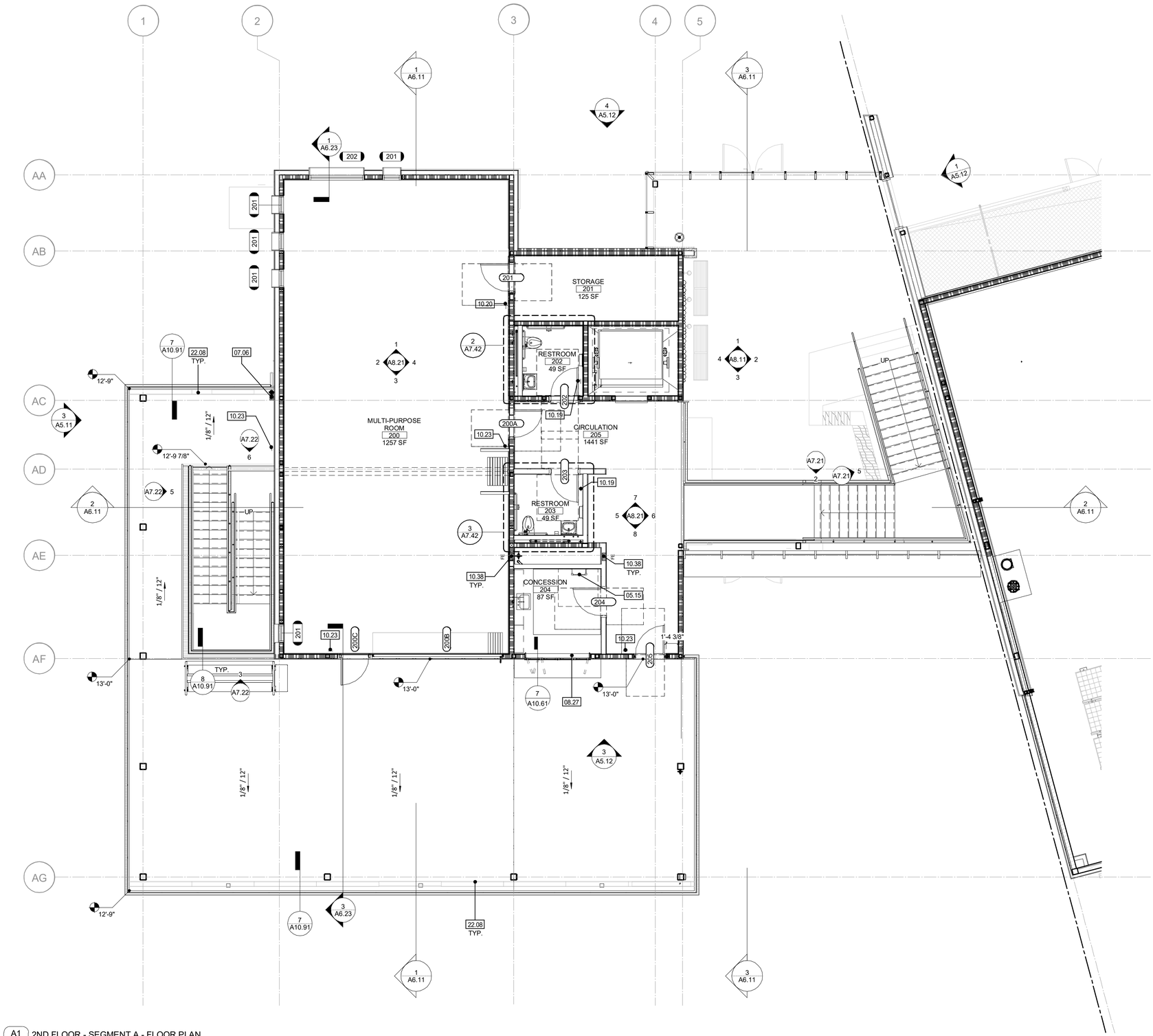
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A2.13B**
SHEET 46 OF 294

Please Recycle



A1 / A2.21 2ND FLOOR - SEGMENT A - FLOOR PLAN
3/16" = 1'-0"

Santee
GO HIGHER & DIG EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Keynotes:

05.15 ROOF LADDER
07.06 METAL CASE AND DOWNSPOUT, REFER TO DETAIL 3/A10.91
08.27 BI-FOLD TRANSACTION WINDOW
10.19 RESTROOM SIGN - 10/A10.81
10.20 ROOM SIGN - 14/A10.81
10.23 TACTILE EXIT SIGN - 12/A10.81
10.38 RECESSED FIRE EXTINGUISHER CABINET, REFER TO DETAILS 12 & 13/A10.71
22.08 TRENCH DRAIN, REFER TO DETAIL 7/A10.91

Notes:

1. OPERABLE EQUIPMENT AND DISPENSERS SHALL COMPLY WITH CBC 2022 11B SECTION 308. REFER TO A10.71 FOR MOUTIN HEIGHTS.

2. CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF A ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX, PER 11B-308.1.1

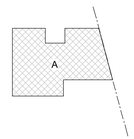
3. ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX, PER 11B-308.1.2

4. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM.

LEGEND

1-HR FIRE RATED WALL

KEY PLAN:



INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:03 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32852
REN. 05/31/27
STATE OF CALIFORNIA

TN
PN

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 2ND FLOOR - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

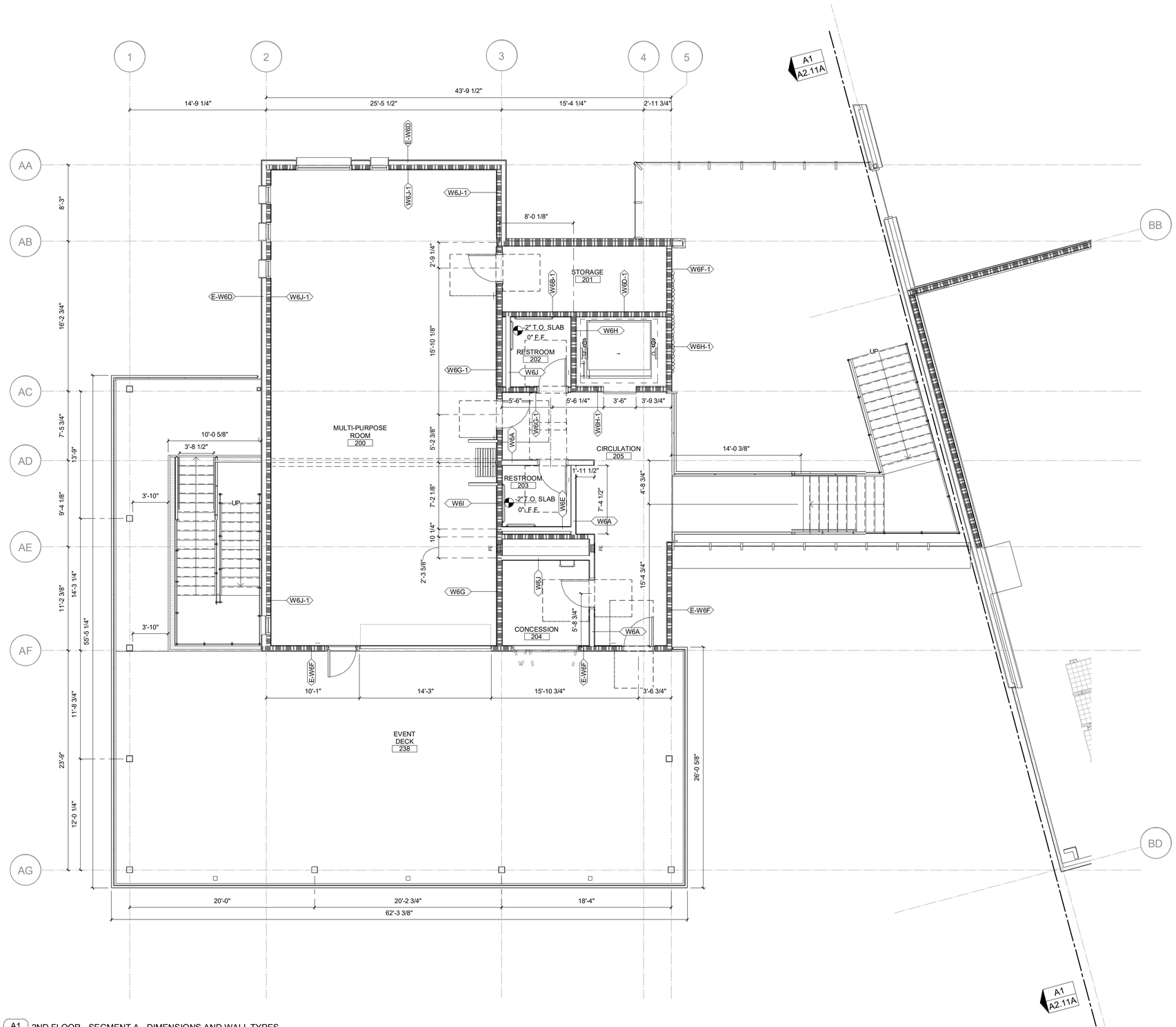
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A2.21**
SHEET 47 OF 294

Please Recycle



A1 / A2.22 2ND FLOOR - SEGMENT A - DIMENSIONS AND WALL TYPES
3/16" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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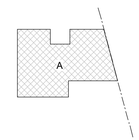
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Keynotes:

Notes:

INTERWEST
Approved
08/01/2025 3:22:04 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

TN
PN

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 2ND FLOOR - DIMENSIONS & WALL TYPES

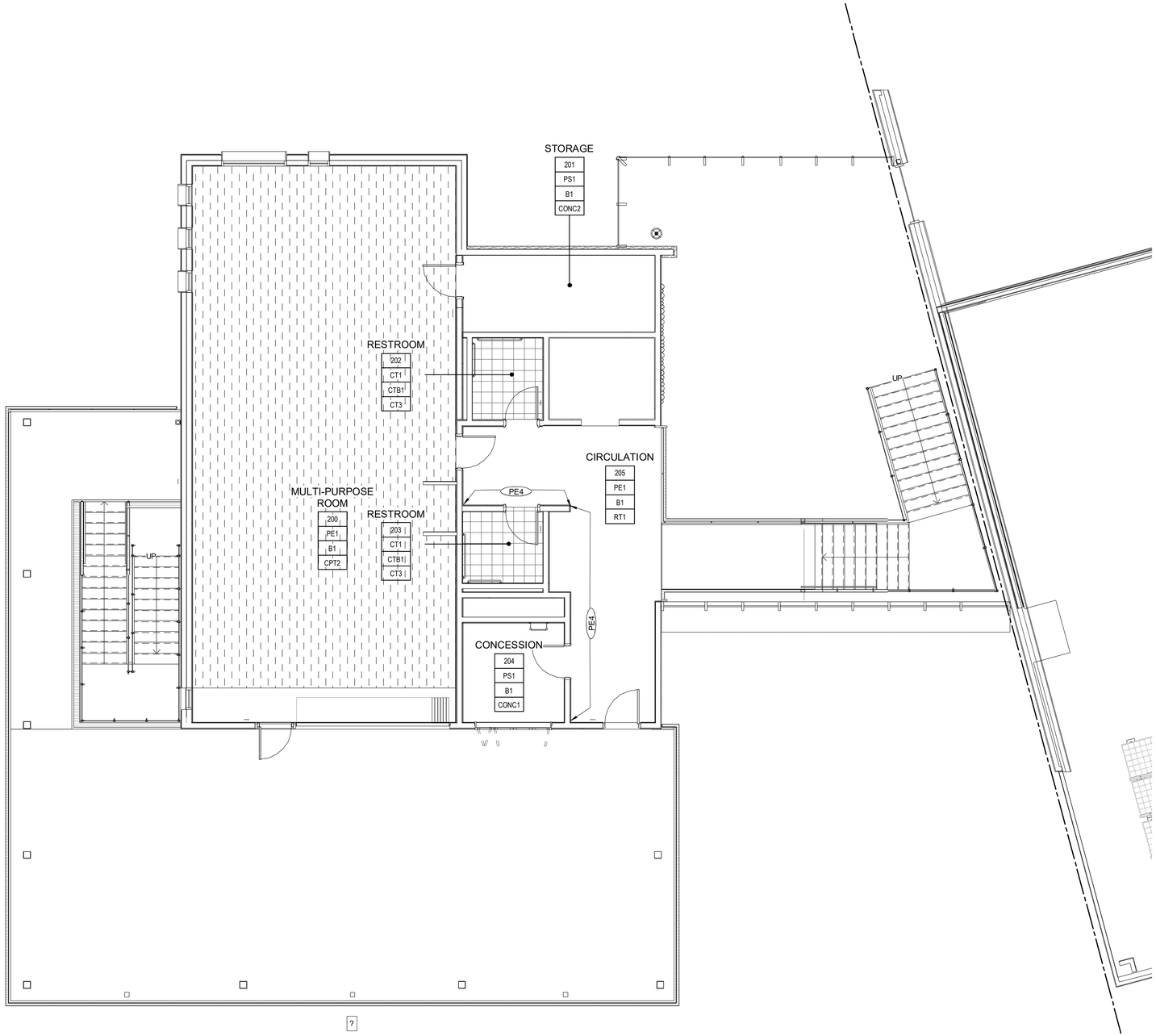
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A2.22
	SHEET 48 OF 294



A1 / A2.23 2ND FLOOR - SEGMENT A - FINISH PLAN
3/16" = 1'-0"

Santee
GO HIGH & DIG EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:04 PM

TN
PN

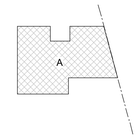
Keynotes:

LEGEND

- CONC1 - POLISHED CONCRETE
- CONC2 - SEALED CONCRETE
- CT3 - CERAMIC FLOOR TILE
- RT1 - LVT FLOORING
- RT2 - LVT FLOORING
- L1 - LINOLEUM FLOORING
- CPT1 - CARPET TILE
- CPT2 - CARPET TILE
- EM1 - ENTRANCE MAT
- WDS1 - WATERPROOF DECK SYSTEM

ROOM NAME
101 — ROOM NUMBER
P1 — WALL FINISH/COLOR (TYP. ALL WALLS U.N.O.)
B2 — BASE TYPE/COLOR (TYP. ALL WALLS U.N.O.)
CT5 — FLOOR TYPE/COLOR (TYP. THROUGHOUT, U.N.O.)

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 2ND FLOOR - FINISH PLAN

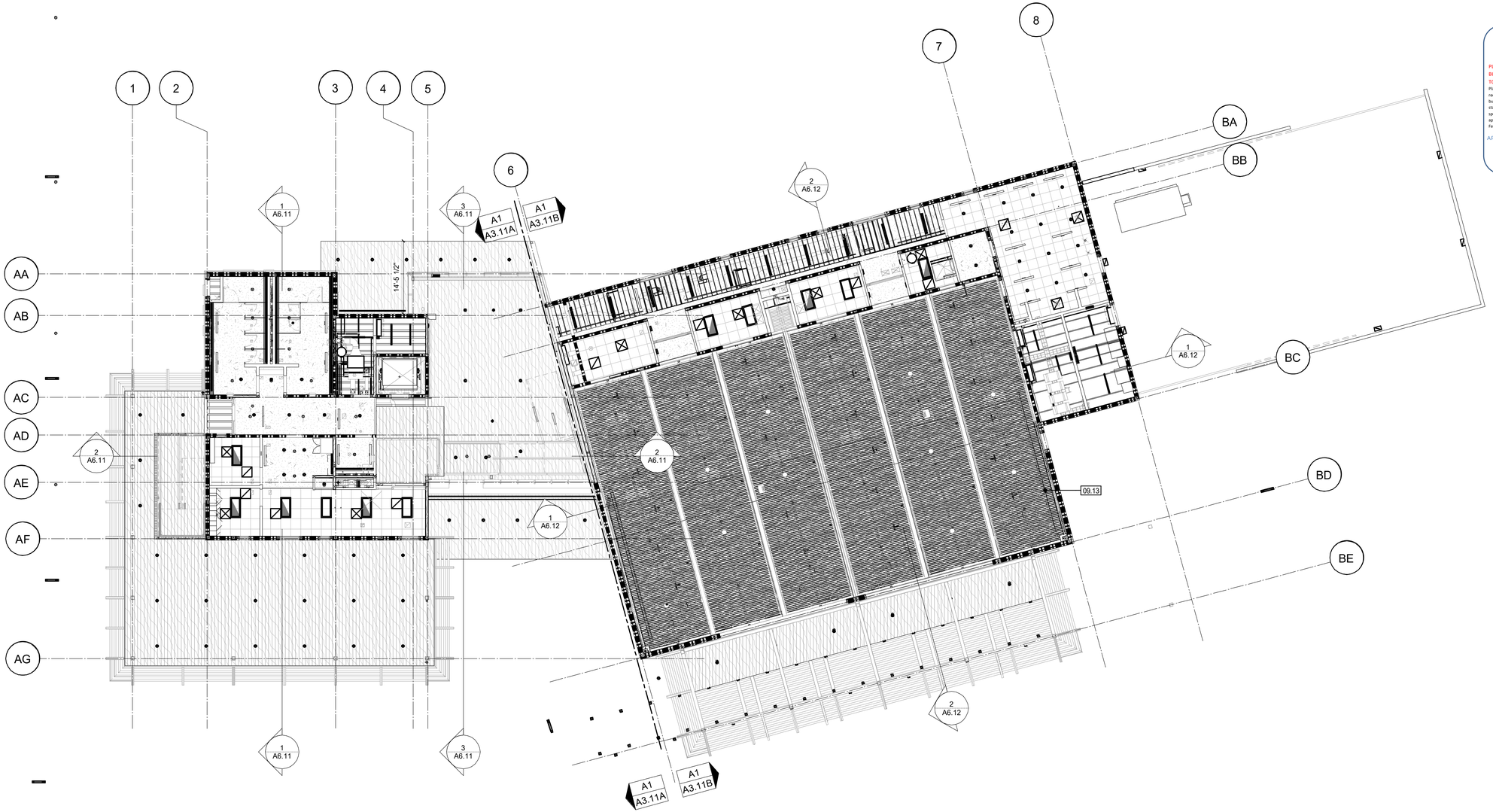
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A2.23
	SHEET 49 OF 294



A1 / A3.11 1ST FLOOR - RCP
3/32" = 1'-0"

Santee
GO WIDE • GO EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Keynotes:

09.13 SUSPENDED ACOUSTICAL CEILING

LEGEND

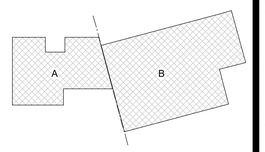
- GYP - FRAMED ACUSITCAL GYPSUM BOARD
- ACT 1 - 2' x 2' ACOUSTICAL CEILING TILES - LAY-IN
- WD 1 - WOOD PANEL CEILING
- O.T.S - OPEN TO STRUCTURE
- SF 1 - EXTERIOR METAL PANEL SOFFIT
- SUSPENDED ACOUSTICAL CEILING
- SPC1 - LINEAR METAL CEILINGS
- MOTORIZED ROLL DOWN SHADES
- ACT 1 10'-0" — MATERIAL FINISH; HEIGHT ABOVE LEVEL (NOT FINISH FLOOR)
- SUSPENDED LIGHTING FIXTURE
- CEILING MOUNTED LIGHTING FIXTURE
- 4'X2' CEILING MOUNTED LIGHTING FIXTURE
- LIGHTED EXIT SIGN.

NOTES

1. DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A10.11 & A10.12. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.

2. SEE A10.31 AND A10.32 SERIES SHEETS FOR CEILING DETAILS

KEY PLAN:



INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:04 PM

TN
PN

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

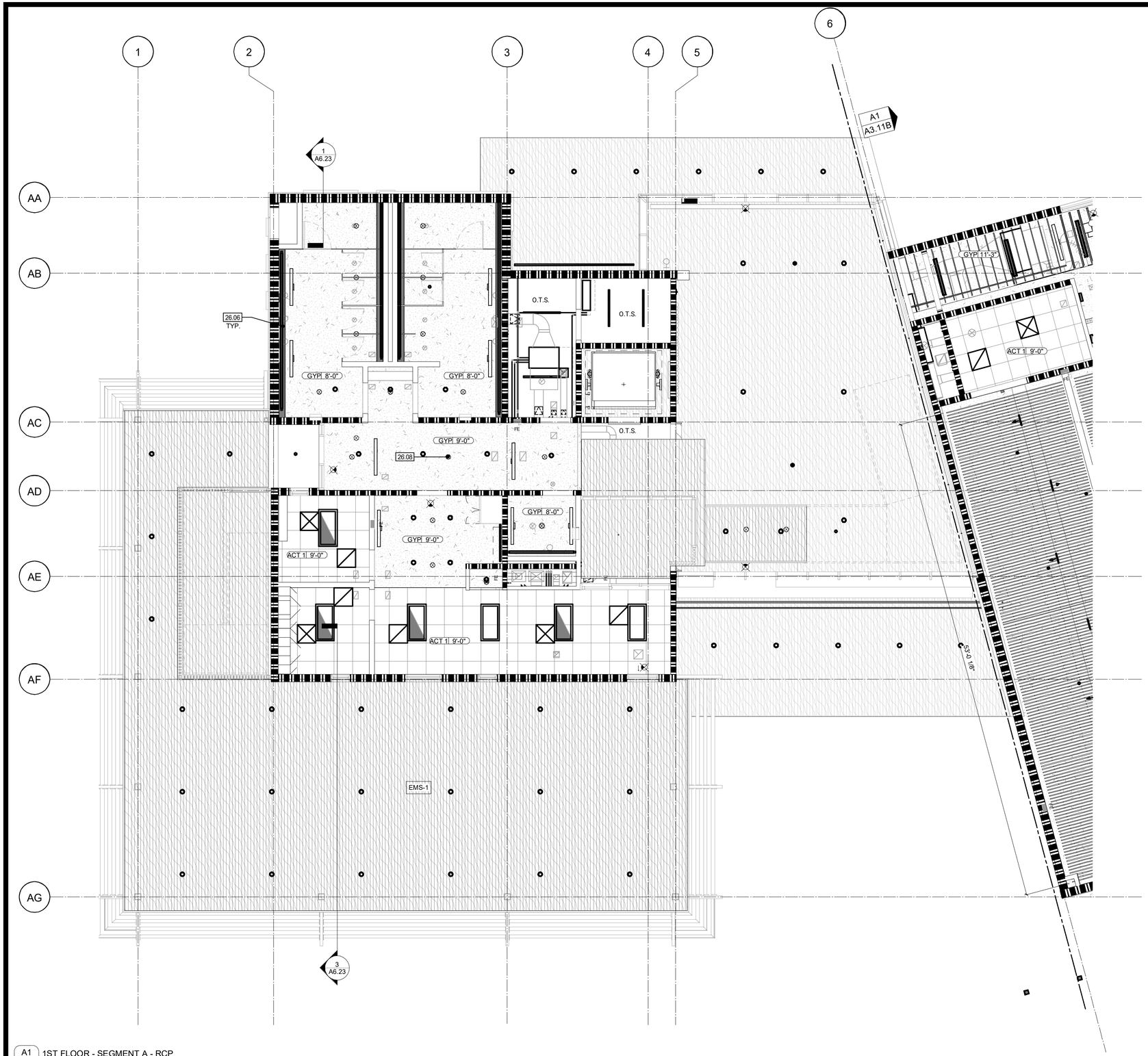
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

DRAWING NO.: **A3.11**
SHEET 50 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - REFLECTED CEILING PLAN



A1
A3.11A
1ST FLOOR - SEGMENT A - RCP
3/16" = 1'-0"

Santee
GO HIGHER & DIG EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A RATTIKIN COMPANY
Approved
08/01/2025 3:22:04 PM

Keynotes:

26.06 RECESSED COVE LIGHT FIXTURE, SEE ELECT.
26.08 RECESSED DOWN LIGHT, SEE ELECT.

LEGEND

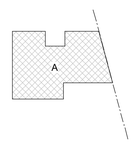
- GYP - FRAMED ACUSITCAL GYPSUM BOARD
- ACT 1 - 2' x 2' ACOUSTICAL CEILING TILES - LAY-IN
- WD 1 - WOOD PANEL CEILING
- O.T.S - OPEN TO STRUCTURE
- SF 1 - EXTERIOR METAL PANEL SOFFIT
- SUSPENDED ACOUSTICAL CEILING
- SPC1 - LINEAR METAL CEILINGS
- MOTORIZED ROLL DOWN SHADES
- ACT 1 10'-0" — MATERIAL FINISH / HEIGHT ABOVE LEVEL (NOT FINISH FLOOR)
- SUSPENDED LIGHTING FIXTURE
- CEILING MOUNTED LIGHTING FIXTURE
- 4'X2' CEILING MOUNTED LIGHTING FIXTURE
- LIGHTED EXIT SIGN.

NOTES

1. DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A10.11 & A10.12. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.

2. SEE A10.31 AND A10.32 SERIES SHEETS FOR CEILING DETAILS

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

TN
PN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

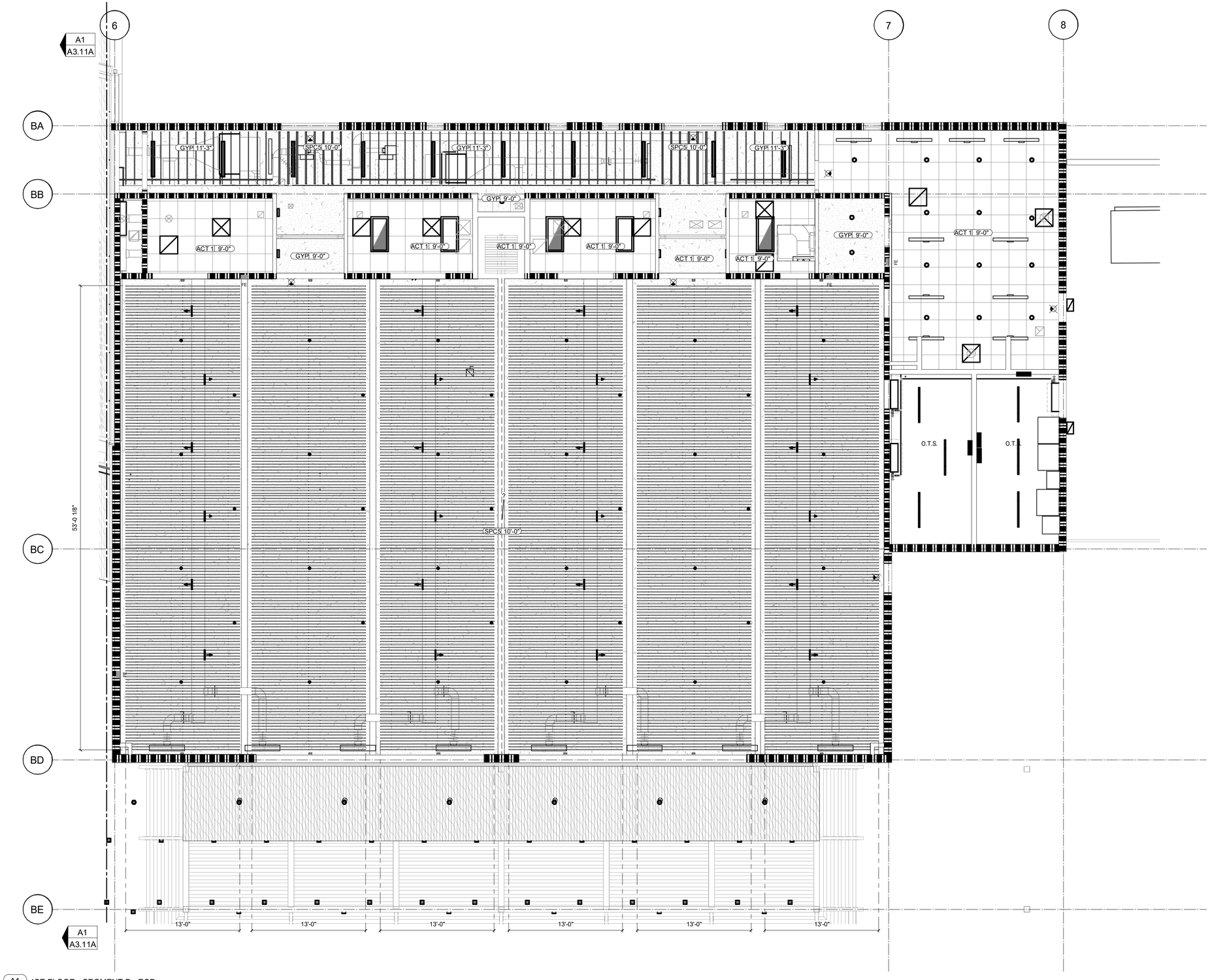
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A3.11A**
SHEET 51 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT A - REFLECTED CEILING PLAN

Please Recycle



A1 / A3.11B 1ST FLOOR - SEGMENT B - RCP
3/16" = 1'-0"

Santee
DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A WATTsworks COMPANY
Approved
08/01/2025 3:22:04 PM

Keynotes:

LEGEND

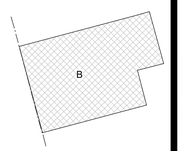
- GYP - FRAMED ACUSITCAL GYPSUM BOARD
- ACT 1 - 2' x 2' ACOUSTICAL CEILING TILES - LAY-IN
- WD 1 - WOOD PANEL CEILING
- O.T.S - OPEN TO STRUCTURE
- SF 1 - EXTERIOR METAL PANEL SOFFIT
- SUSPENDED ACOUSTICAL CEILING
- SPC1 - LINEAR METAL CEILINGS
- MOTORIZED ROLL DOWN SHADES
- ACT 1 10'-0" — MATERIAL FINISH; HEIGHT ABOVE LEVEL (NOT FINISH FLOOR)
- SUSPENDED LIGHTING FIXTURE
- CEILING MOUNTED LIGHTING FIXTURE
- 4'X2' CEILING MOUNTED LIGHTING FIXTURE
- LIGHTED EXIT SIGN.

NOTES

1. DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A10.11 & A10.12. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.

2. SEE A10.31 AND A10.32 SERIES SHEETS FOR CEILING DETAILS

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSON
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

TN
PN

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT B - REFLECTED CEILING PLAN

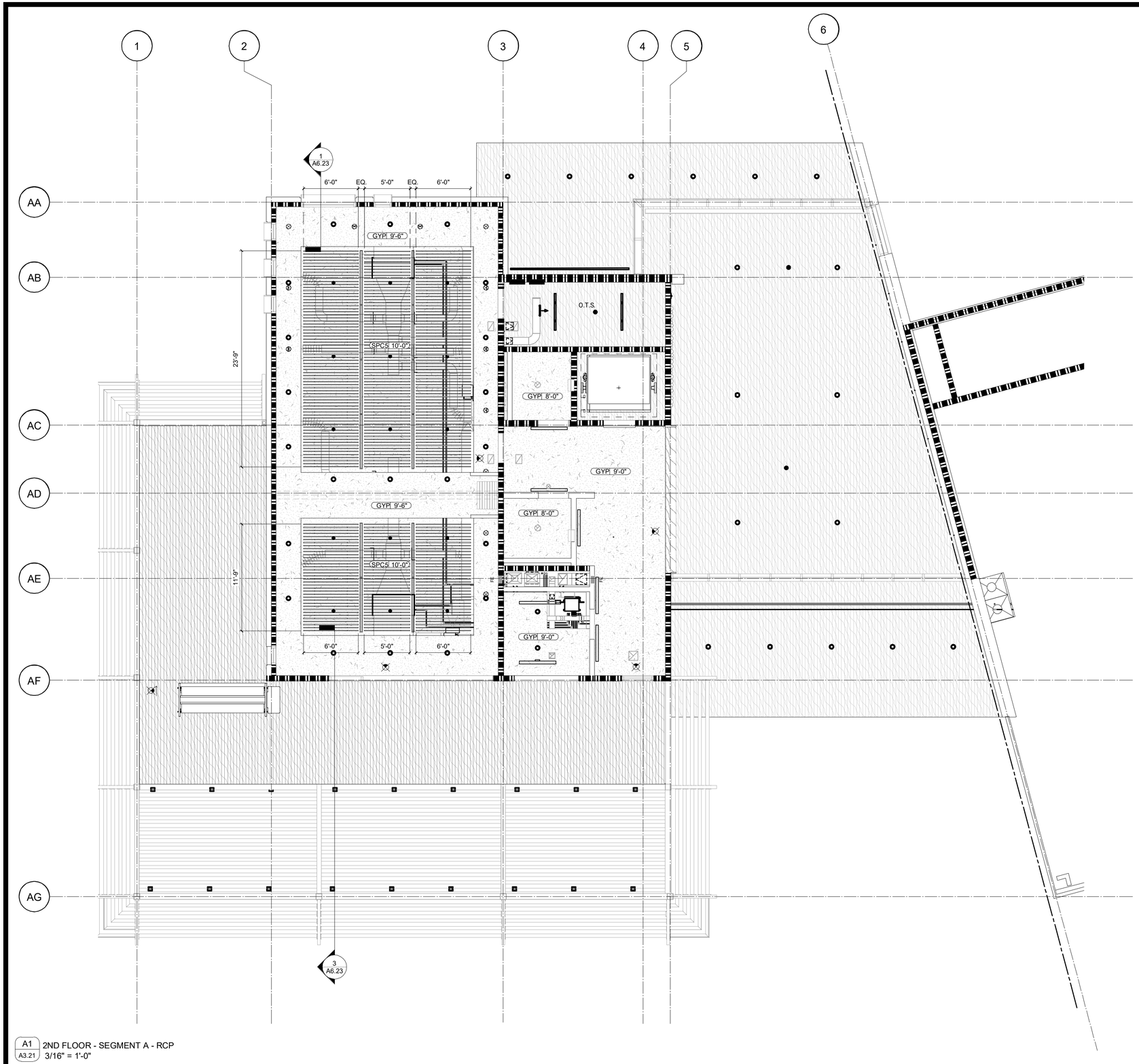
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**A3.11B**
	SHEET 52 OF 294



A1 / A3.21 2ND FLOOR - SEGMENT A - RCP
3/16" = 1'-0"

Santee
GO HIGHER & DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:04 PM

Keynotes:

LEGEND

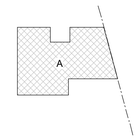
- GYP - FRAMED ACUSITCAL GYPSUM BOARD
- ACT 1 - 2' x 2' ACOUSTICAL CEILING TILES - LAY-IN
- WD 1 - WOOD PANEL CEILING
- O.T.S - OPEN TO STRUCTURE
- SF 1 - EXTERIOR METAL PANEL SOFFIT
- SUSPENDED ACOUSTICAL CEILING
- SPC1 - LINEAR METAL CEILINGS
- MOTORIZED ROLL DOWN SHADES
- ACT 1 10'-0" — MATERIAL FINISH / HEIGHT ABOVE LEVEL (NOT FINISH FLOOR)
- SUSPENDED LIGHTING FIXTURE
- CEILING MOUNTED LIGHTING FIXTURE
- 4'X2' CEILING MOUNTED LIGHTING FIXTURE
- LIGHTED EXIT SIGN.

NOTES

1. DIMENSIONS TO FACE OF PARTITIONS ARE TO FACE OF SUBSTRATE LAYER AS SHOWN IN PARTITION TYPES ON A10.11 & A10.12. FINISHES DEPICTED IN FINISH PLANS AND ELEVATIONS ARE NOT SHOWN ON PARTIAL FLOOR PLANS. REFER TO ENLARGED PLANS, ELEVATIONS, AND DETAILS.

2. SEE A10.31 AND A10.32 SERIES SHEETS FOR CEILING DETAILS

KEY PLAN:



TN
PN

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 2ND FLOOR - SEGMENT A - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

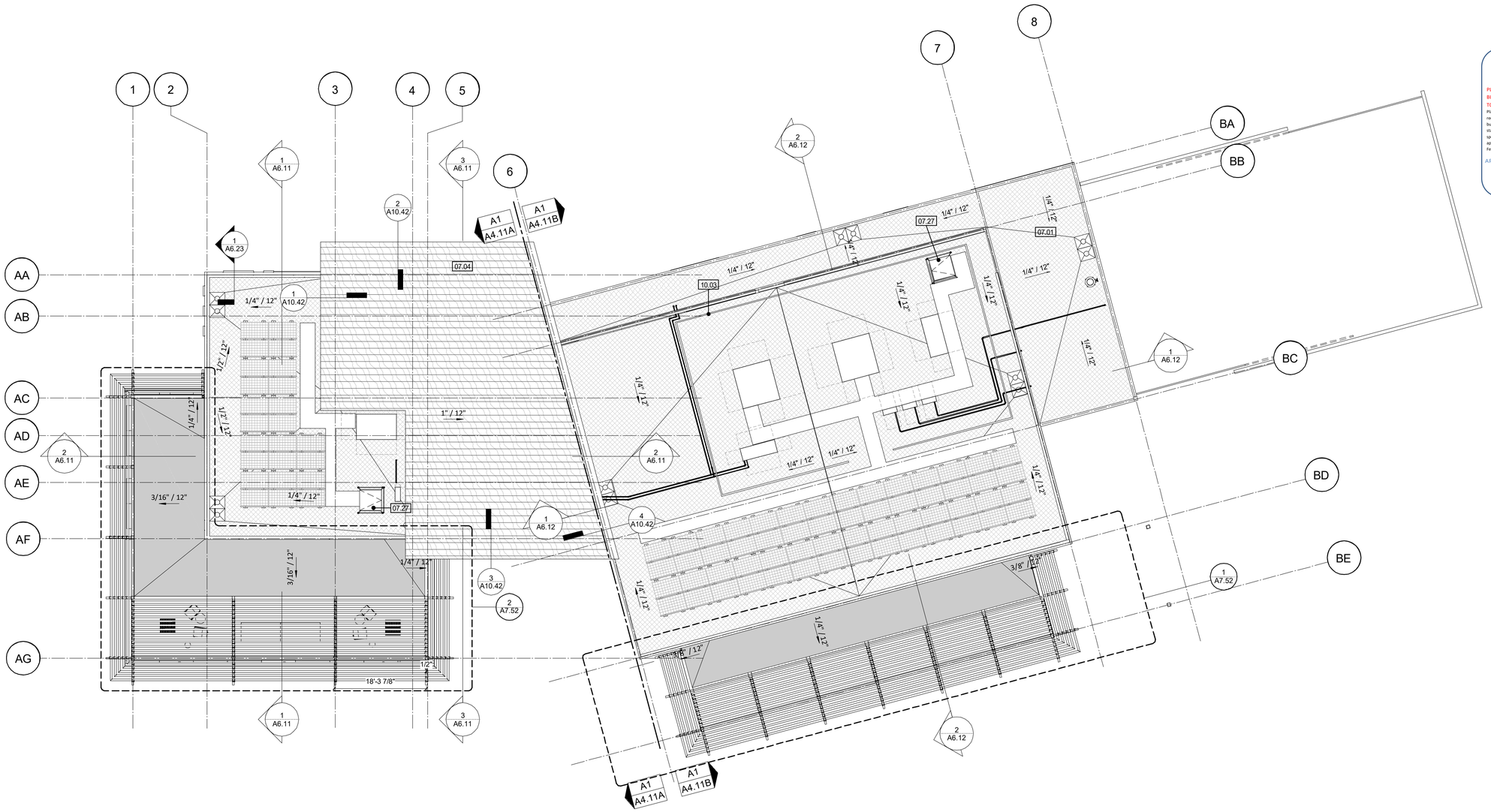
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

DRAWING NO.: **A3.21**
SHEET 53 OF 294



A1 / A4.11 ROOF PLAN
3/32" = 1'-0"

Keynotes:

07.01	PVC ROOFING
07.04	STANDING SEAM ROOFING
07.27	ROOF HATCH. REFER TO DETAIL
10.03	MECHANICAL SCREEN

Santee
SO MUCH TO BE EXCITED

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A KIMLEY-HORN COMPANY
Approved
08/01/2025 3:22:04 PM

LEGEND

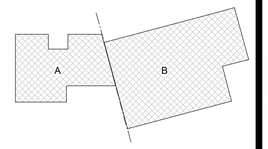
- ROOF DRAIN
- SPOT ELEVATION
- 1/4" / 12" ROOF SLOPE
- ROOF WALK/MAT PADS
- ROOF CRICKET

NOTES

1. ITEMS FROM MECHANICAL, PLUMBING, AND ELECTRICAL SCOPES MAY BE SHOWN FOR REFERENCE AND COORDINATION ONLY. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PIPING, CURBS, VENTS, DUCTS, FANS, AND OTHER ITEMS ON THE ROOF SURFACE

2. ALL ROOF FLASHING TO BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS

KEY PLAN:



TN
PN

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

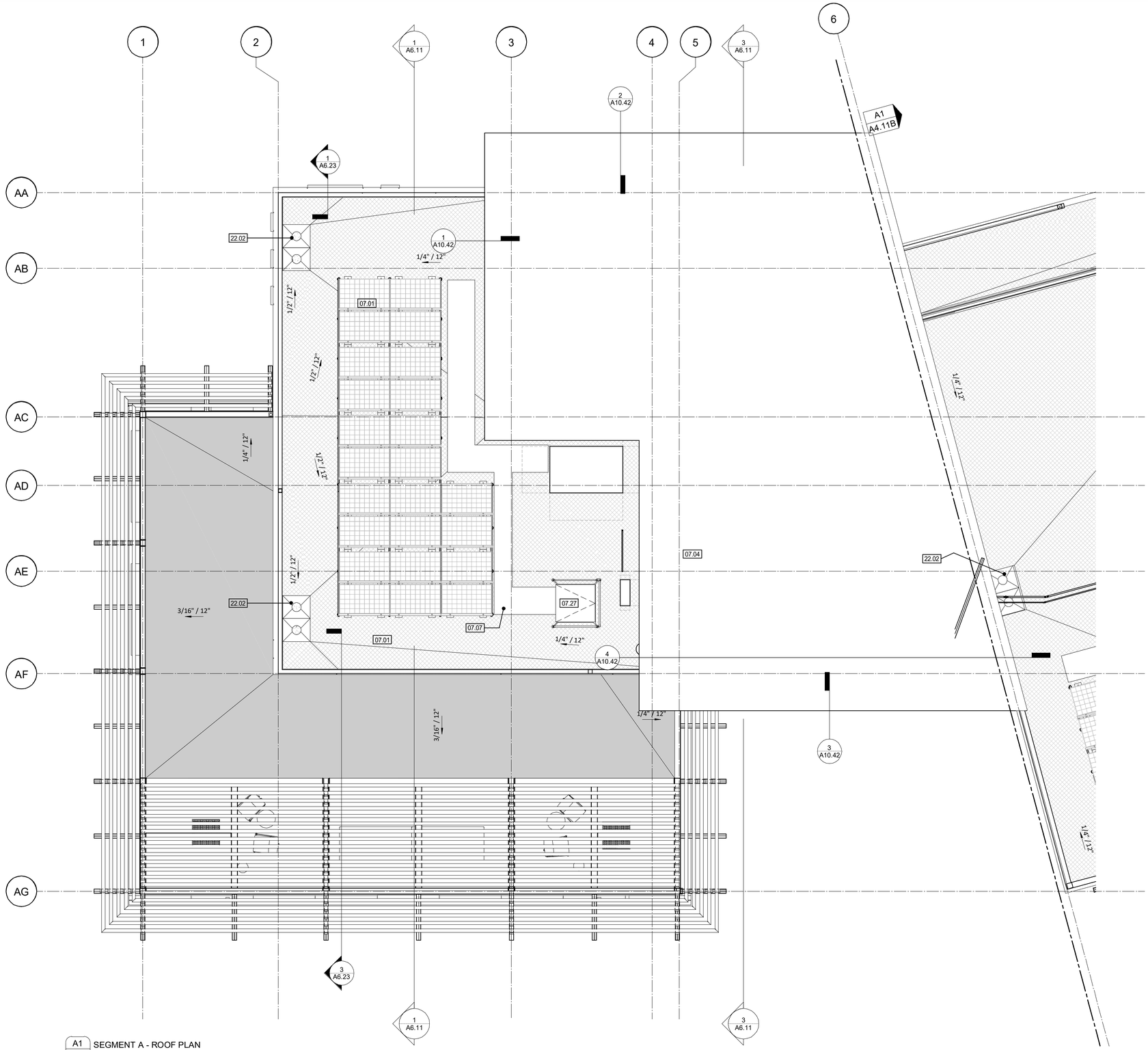
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

DRAWING NO.: **A4.11**
SHEET 54 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ROOF PLAN



A1 / A4.11A SEGMENT A - ROOF PLAN
3/16" = 1'-0"

TN
PN

Keynotes:

07.01	PVC ROOFING
07.04	STANDING SEAM ROOFING
07.07	ROOF WALKWAY
07.27	ROOF HATCH. REFER TO DETAIL
22.02	ROOF DRAIN & OVERFLOW. REFER TO DETAILS 4 & 7/A10.41

Santee
GO HIGHER & DIG EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:04 PM

LEGEND

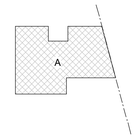
- ROOF DRAIN
- SPOT ELEVATION
- 1/4" / 12" ROOF SLOPE
- ROOF WALK/MAT PADS
- ROOF CRICKET

NOTES

1. ITEMS FROM MECHANICAL, PLUMBING, AND ELECTRICAL SCOPES MAY BE SHOWN FOR REFERENCE AND COORDINATION ONLY. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PIPING, CURBS, VENTS, DUCTS, FANS, AND OTHER ITEMS ON THE ROOF SURFACE

2. ALL ROOF FLASHING TO BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ROOF PLAN - SEGMENT A

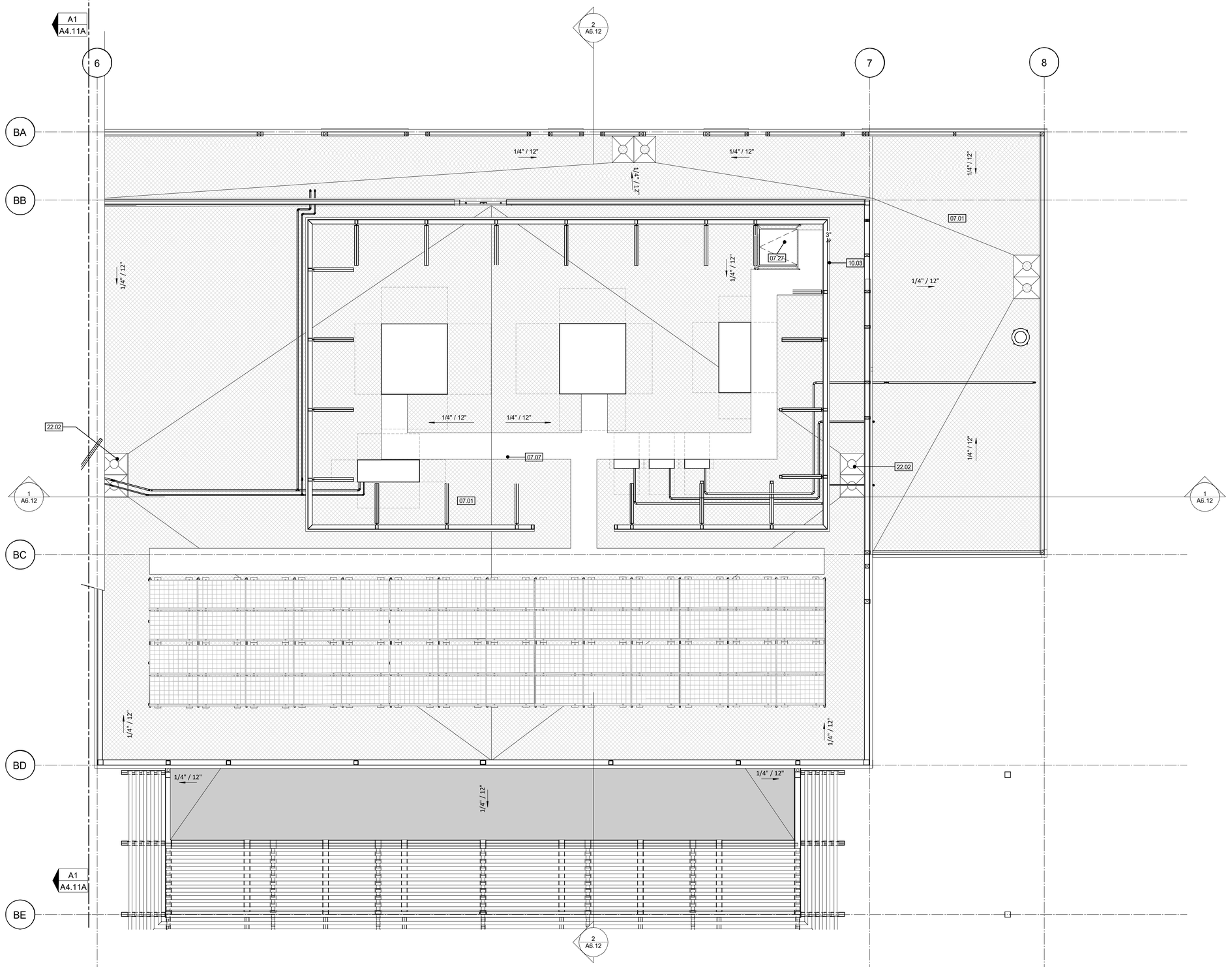
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A4.11A
	SHEET 55 OF 294



A1 / A4.11B SEGMENT B - ROOF PLAN
3/16" = 1'-0"

PN

Keynotes:

07.01	PVC ROOFING
07.07	ROOF WALKWAY
07.27	ROOF HATCH. REFER TO DETAIL
10.03	MECHANICAL SCREEN
22.02	ROOF DRAIN & OVERFLOW. REFER TO DETAILS 4 & 7/A10.41

Santee
SO MUCH TO DO EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A NITYLUX COMPANY
Approved
08/01/2025 3:22:04 PM

LEGEND

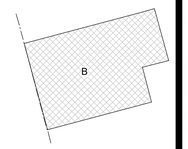
- ROOF DRAIN
- SPOT ELEVATION
- 1/4" / 12" ROOF SLOPE
- ROOF WALK/MAT PADS
- ROOF CRICKET

NOTES

1. ITEMS FROM MECHANICAL, PLUMBING, AND ELECTRICAL SCOPES MAY BE SHOWN FOR REFERENCE AND COORDINATION ONLY. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PIPING, CURBS, VENTS, DUCTS, FANS, AND OTHER ITEMS ON THE ROOF SURFACE

2. ALL ROOF FLASHING TO BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ROOF PLAN - SEGMENT B

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

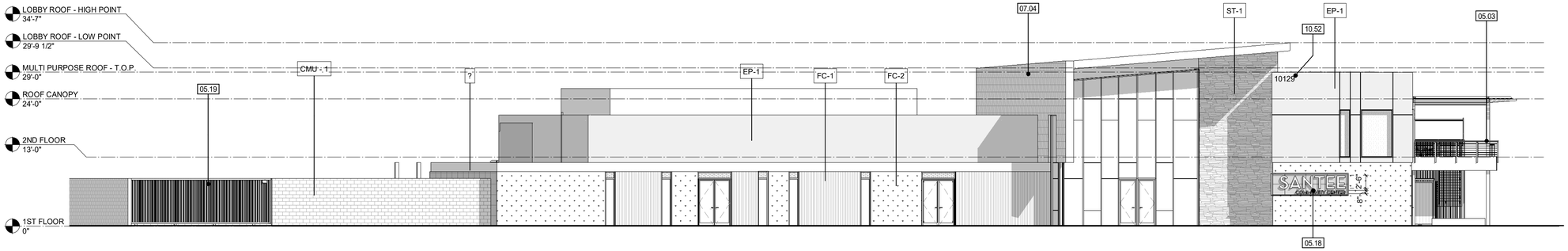
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

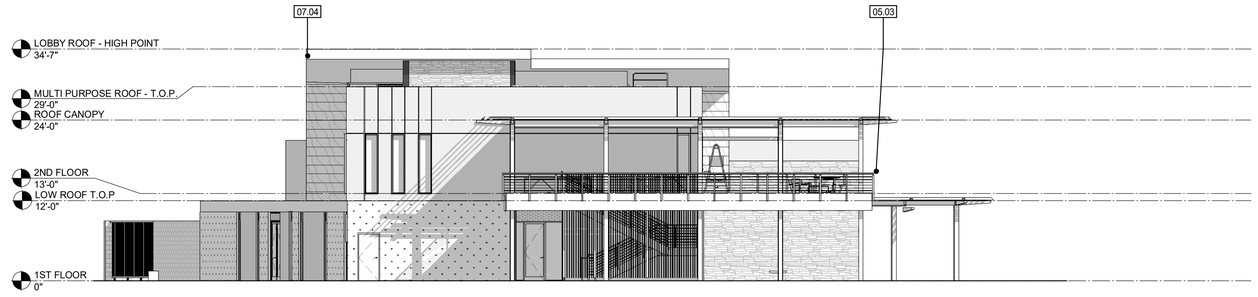
CITY W.O. NO.: **CIP 2018-31**

DRAWING NO.: **A4.11B**
SHEET 56 OF 294

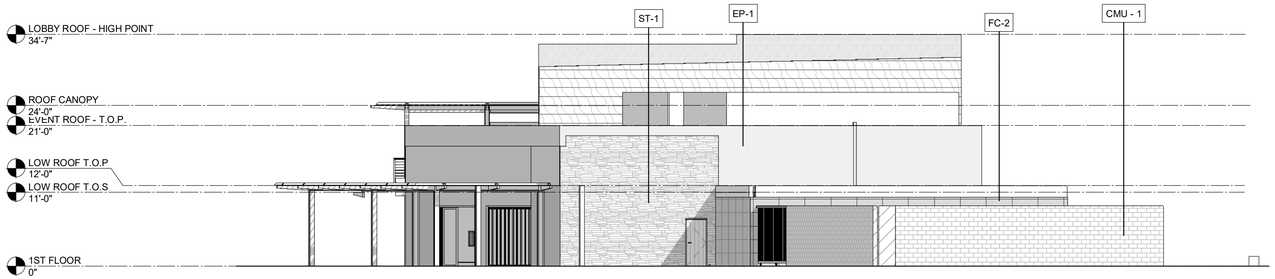
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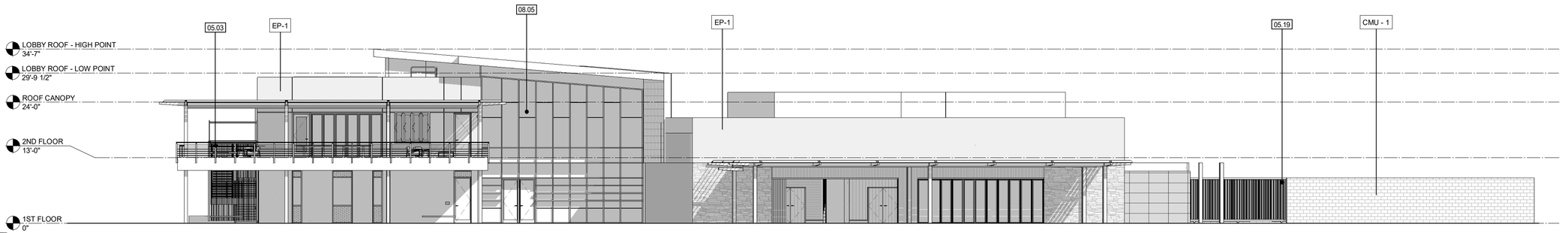
4 A5.11 ELEVATION - EXTERIOR - NORTH
3/32" = 1'-0"



3 A5.11 ELEVATION - EXTERIOR - WEST
3/32" = 1'-0"



2 A5.11 ELEVATION - EXTERIOR - EAST
3/32" = 1'-0"



1 A5.11 ELEVATION - EXTERIOR - SOUTH
3/32" = 1'-0"

Keynotes:

05.03	STEEL GUARDRAIL. SEE DETAIL 7/A10.91
05.18	METAL SIGN. REFER TO DETAILS 9 & 10/A10.82
05.19	MANUFACTURED STEEL ROLLING GATE. REFER TO DETAIL 11/A10.02
07.04	STANDING SEAM ROOFING
08.05	CURTAIN WALL SYSTEM AND GLAZING
10.52	ADDRESS NUMBER PLACED NEAR THE ROOFLINE. NUMBERS SHALL BE BLOCK STYLE, 12" IN HEIGHT, BLACK IN COLOR. SEE

Santee
GO HIGH & GO EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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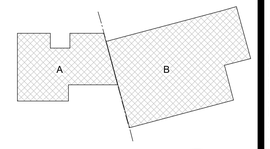
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:04 PM

LEGEND

- ST 1 - STONE. SEE DETAIL 5/A10.11
- EXTERIOR PLASTER
- FC 1 - FIBER CEMENT PANEL. SEE DETAIL 1/A10.11
- FC 2 - FIBER CEMENT PANEL. SEE DETAIL 1/A10.11
- GS 1 - GREEN SCREEN OVER FC 2. SEE DETAIL 3/A10.11
- CMU 1 - CONCRETE MASONRY UNIT
- SEGMENT OF BUILDING NOT SHOWN

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - EXTERIOR ELEVATIONS - OVERALL

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

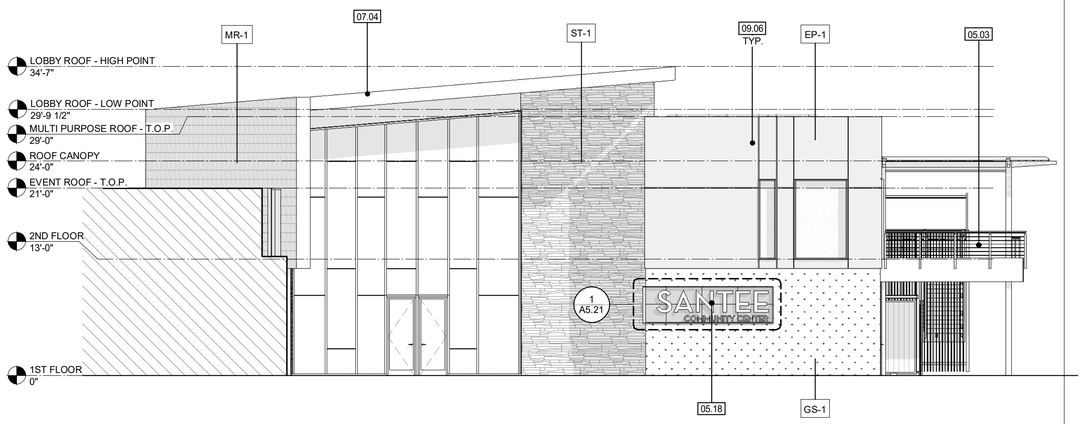
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

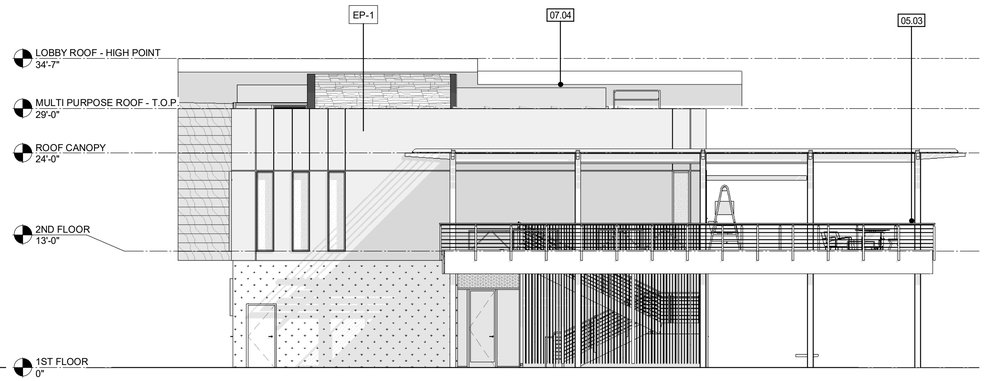
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

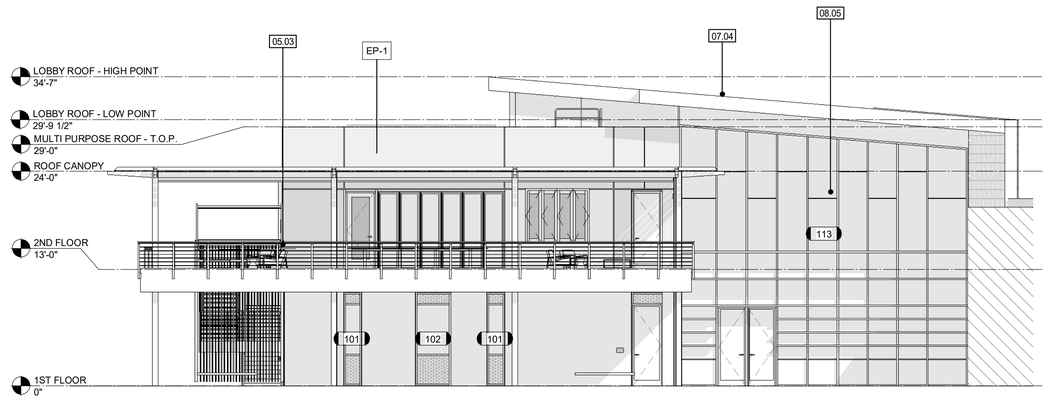
DRAWING NO.: **A5.11**
SHEET 57 OF 294



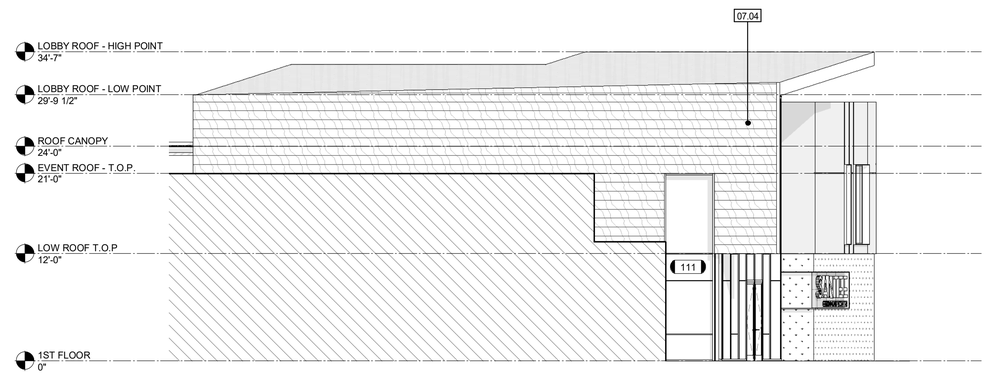
4 A5.12 EXTERIOR ELEVATION- SEGMENT A - NORTH
1/8" = 1'-0"



2 A5.12 EXTERIOR ELEVATION- SEGMENT A - WEST
1/8" = 1'-0"



3 A5.12 EXTERIOR ELEVATION- SEGMENT A - SOUTH
1/8" = 1'-0"



1 A5.12 EXTERIOR ELEVATION- SEGMENT A - EAST
1/8" = 1'-0"

Keynotes:

05.03	STEEL GUARDRAIL. SEE DETAIL 7/A10.91
05.18	METAL SIGN. REFER TO DETAILS 9 & 10/A10.82
07.04	STANDING SEAM ROOFING
08.05	CURTAIN WALL SYSTEM AND GLAZING
09.06	1/2" REVEAL

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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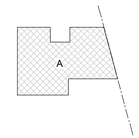
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A.Sa**dre**
Date: **Aug** 2**2**, 202**5**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:04 PM

LEGEND

- ST 1 - STONE. SEE DETAIL 5/A10.11
- EXTERIOR PLASTER
- FC 1 - FIBER CEMENT PANEL. SEE DETAIL 1/A10.11
- FC 2 - FIBER CEMENT PANEL. SEE DETAIL 1/A10.11
- GS 1 - GREEN SCREEN OVER FC 2. SEE DETAIL 3/A10.11
- CMU 1 - CONCRETE MASONRY UNIT
- SEGMENT OF BUILDING NOT SHOWN

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

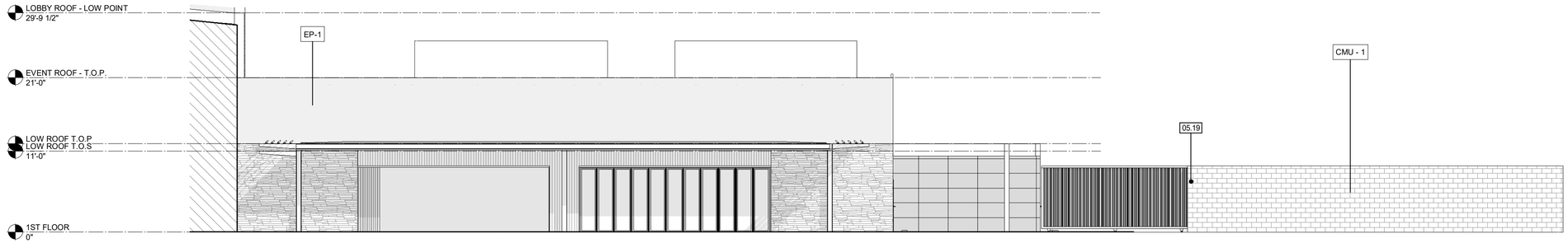
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A5.12**
SHEET 58 OF 294

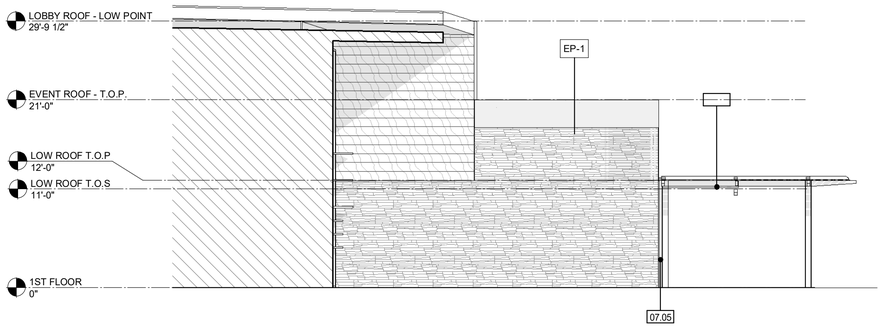
100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - EXTERIOR ELEVATIONS - SEGMENT A

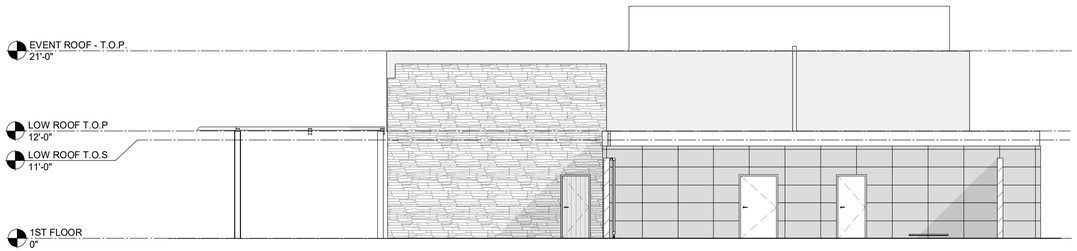
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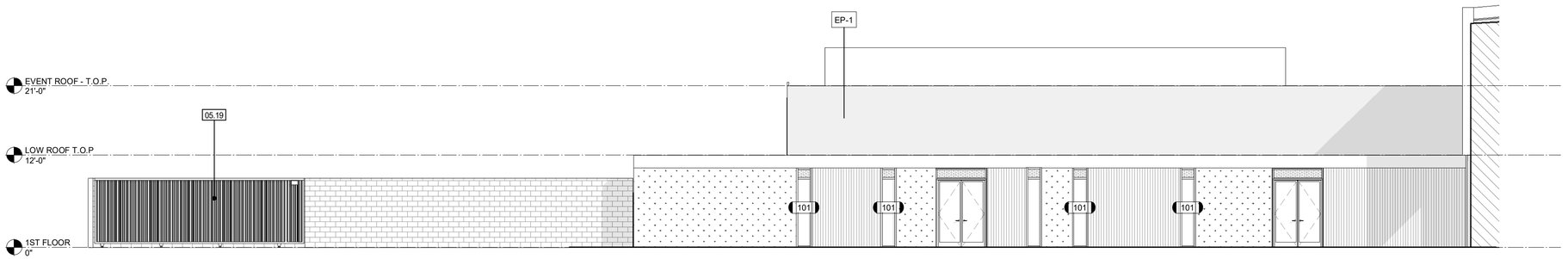
4 A5.13 EXTERIOR ELEVATION- SEGMENT B - SOUTH
1/8" = 1'-0"



3 A5.13 EXTERIOR ELEVATION- SEGMENT B - WEST
1/8" = 1'-0"



2 A5.13 EXTERIOR ELEVATION- SEGMENT B - EAST
1/8" = 1'-0"



1 A5.13 EXTERIOR ELEVATION- SEGMENT B - NORTH
1/8" = 1'-0"

Keynotes:

05.19 MANUFACTURED STEEL ROLLING GATE. REFER TO DETAIL 11/A10.02
07.05 DOWNSPOUT, REFER TO DETAIL 2/A10.91

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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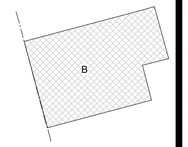
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:04 PM

LEGEND

- ST 1 - STONE. SEE DETAIL 5/A10.11
- EXTERIOR PLASTER
- FC 1 - FIBER CEMENT PANEL. SEE DETAIL 1/A10.11
- FC 2 - FIBER CEMENT PANEL. SEE DETAIL 1/A10.11
- GS 1 - GREEN SCREEN OVER FC 2. SEE DETAIL 3/A10.11
- CMU 1 - CONCRETE MASONRY UNIT
- SEGMENT OF BUILDING NOT SHOWN

KEY PLAN:



LICENSED ARCHITECT KYLE S. PETERSEN C-32052 REN. 05/31/27 STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - EXTERIOR ELEVATIONS - SEGMENT B

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
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REVIEWED 08/26/2025
BY PROJECT ENGINEER

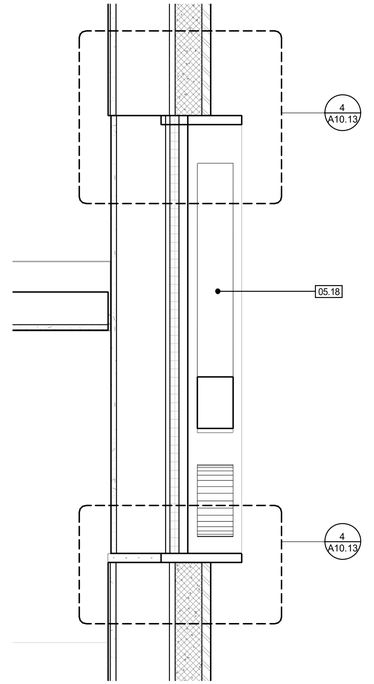
CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A5.13**
SHEET 59 OF 294

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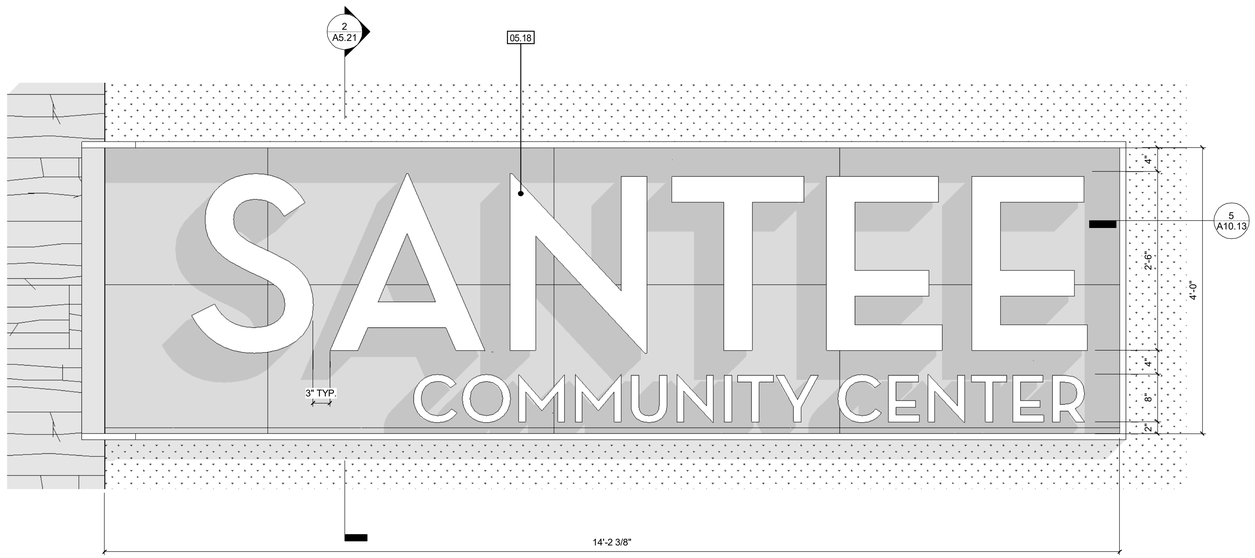
If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



2 / A5.21 SANTEE SIGN - SECTION 1
1 1/2" = 1'-0"

Keynotes:

05.18 METAL SIGN. REFER TO DETAILS 9 & 10/A10.82



1 / A5.21 EXTERIOR ELEVATION- SANTEE SIGN
1" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:04 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN: 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

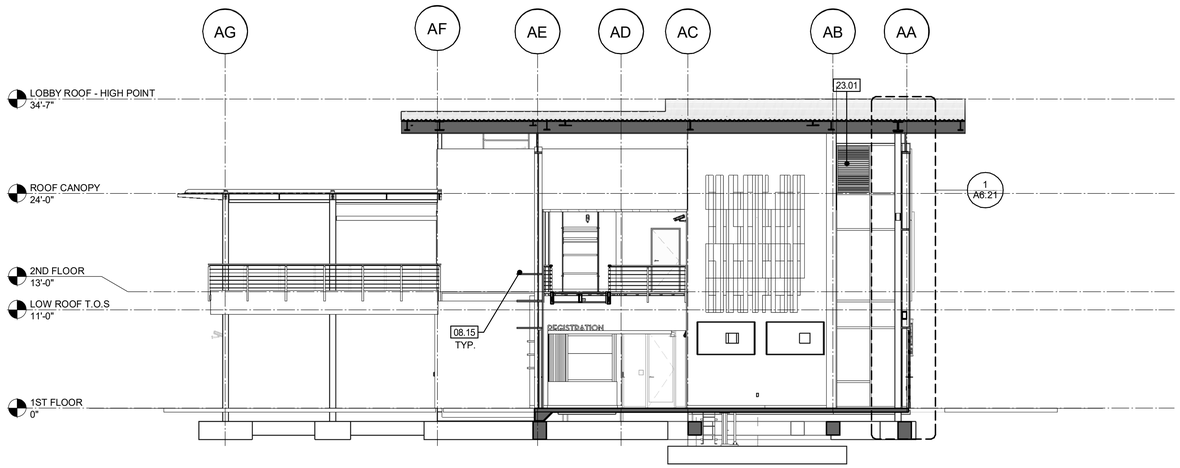
DRAWING NO.: A5.21
SHEET 60 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

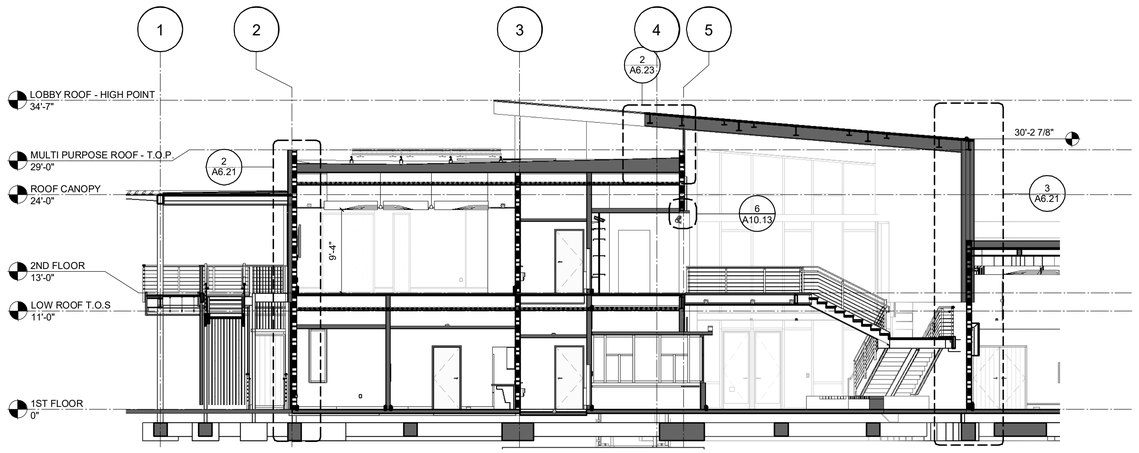
SANTEE COMMUNITY CENTER - ENLARGED EXTERIOR ELEVATIONS

Please Recycle

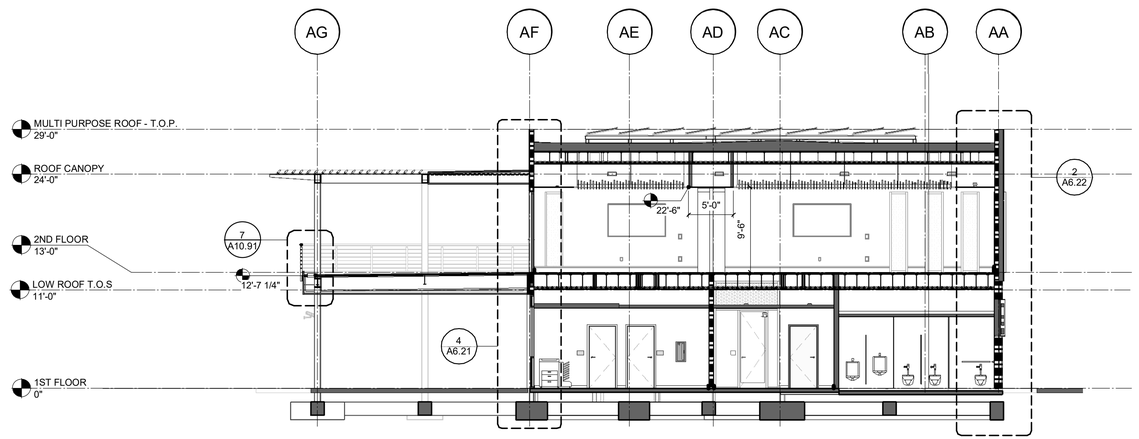
If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



3 A6.11 SEGMENT A - SEGMENT 1
1/8" = 1'-0"



2 A6.11 SEGMENT A - SECTION 2
1/8" = 1'-0"



1 A6.11 SEGMENT A - SECTION 3
1/8" = 1'-0"

Keynotes:

08.15 ALUMINIUM SHADE FIN
23.01 ALUMINUM MOTORIZED DAMPER

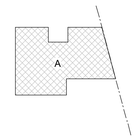
Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A Bureau Veritas Company
Approved
08/01/2025 3:22:05 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - BUILDING SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1/8" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

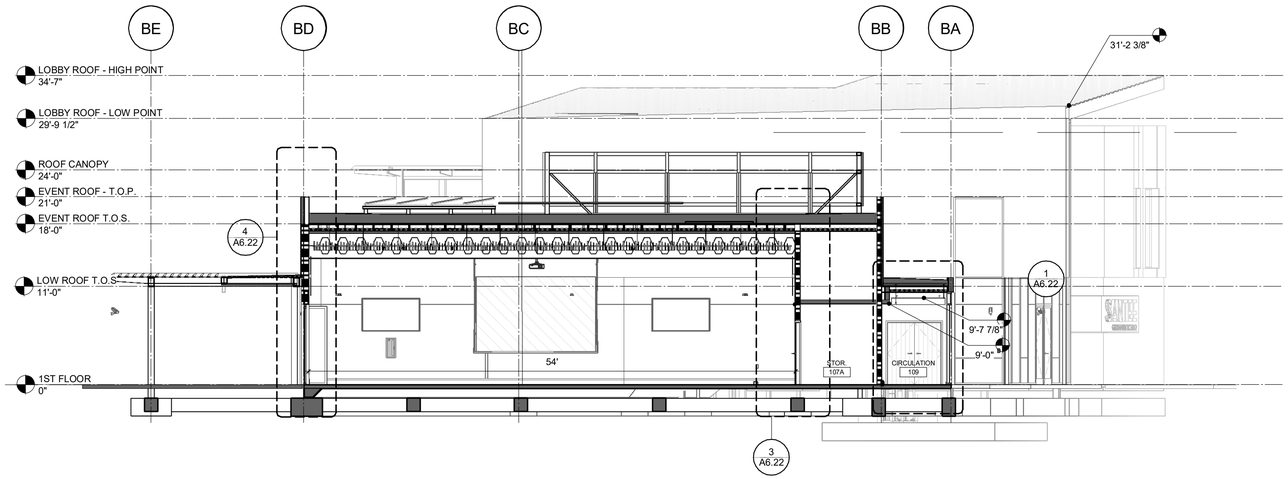
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

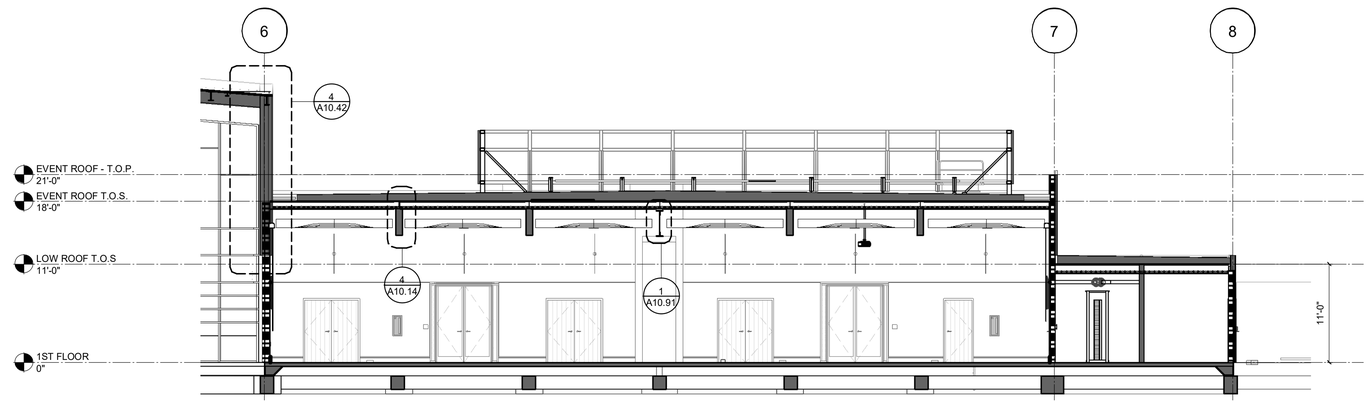
CITY W.O. NO.
CIP 2018-31

DRAWING NO.
A6.11
SHEET 61 OF 294

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2 A6.12 SEGMENT B - SECTION 1
1/8" = 1'-0"



1 A6.12 SEGMENT B - SECTION 2
1/8" = 1'-0"

Keynotes:

Notes:

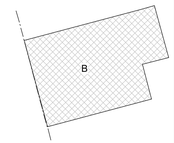
Santee
DO MORE 4 DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A NATIONAL COMPANY
Approved
08/01/2025 3:22:05 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32852
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - BUILDING SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/8" = 1'-0"	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

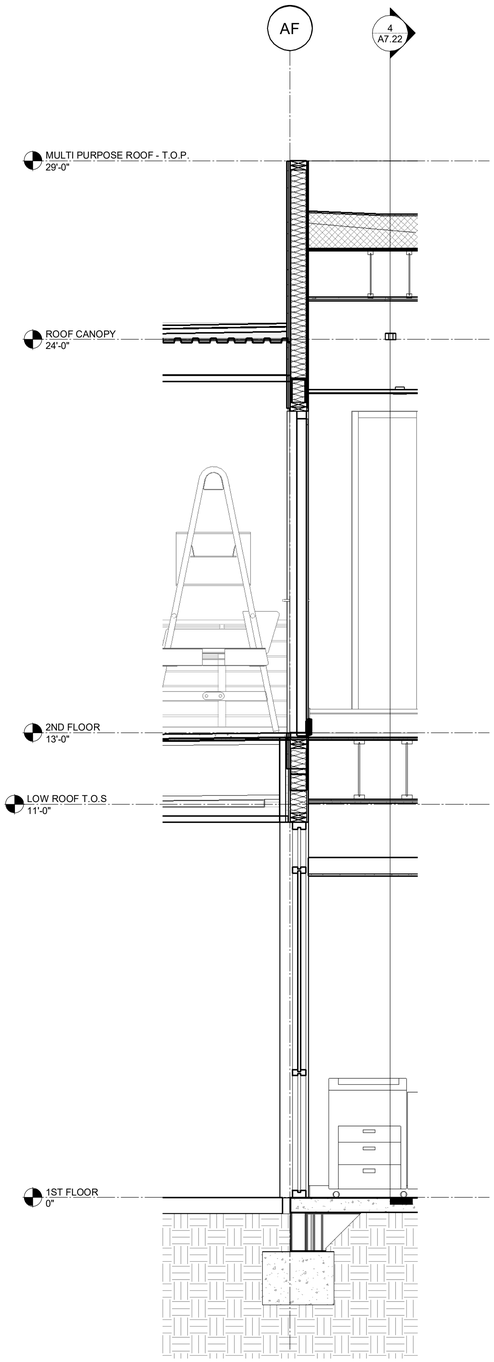
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

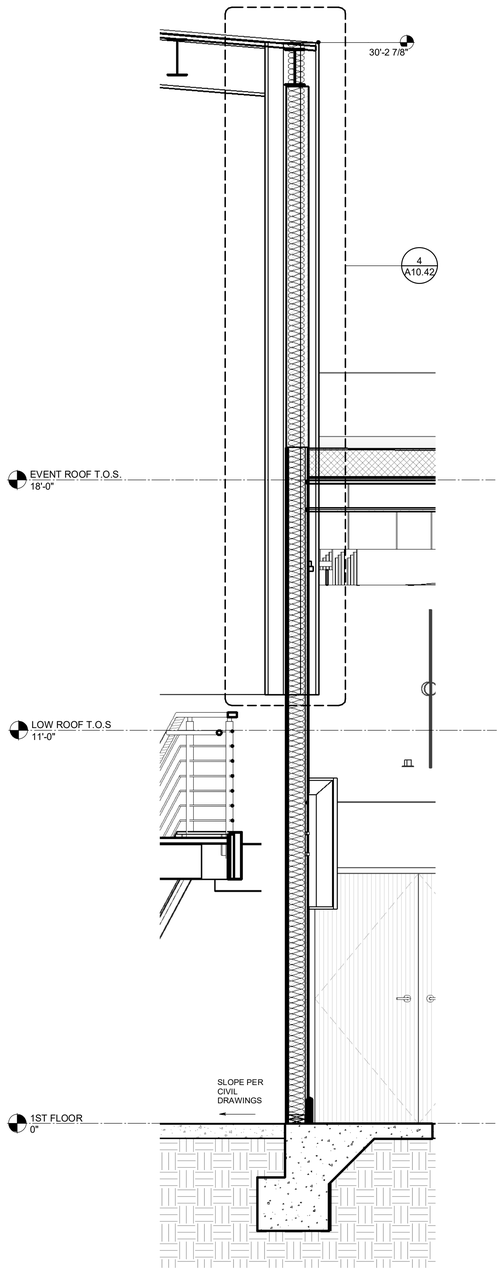
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A6.12
	SHEET 62 OF 294

Please Recycle

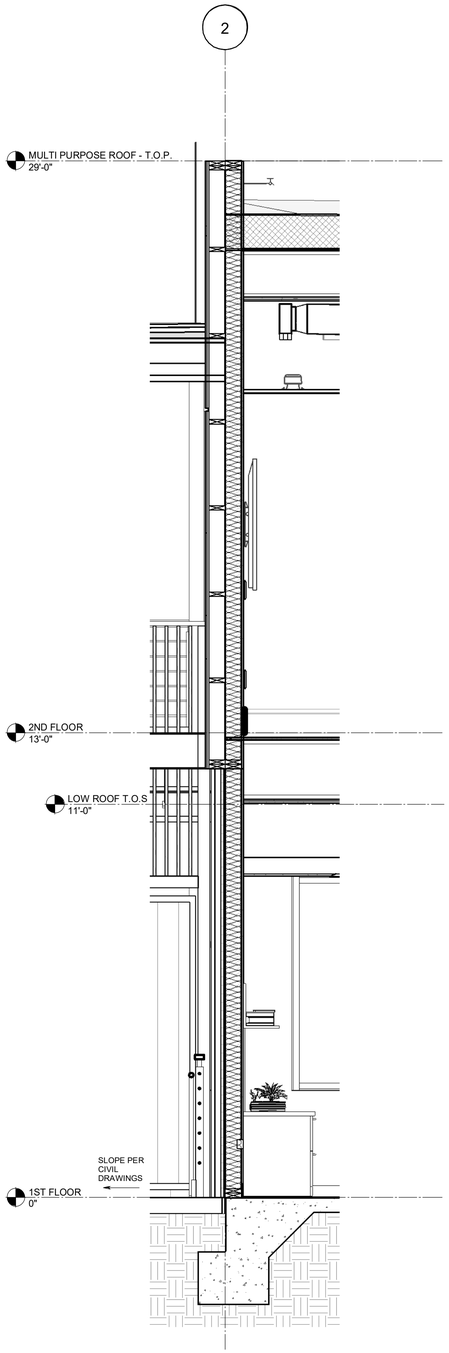
If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



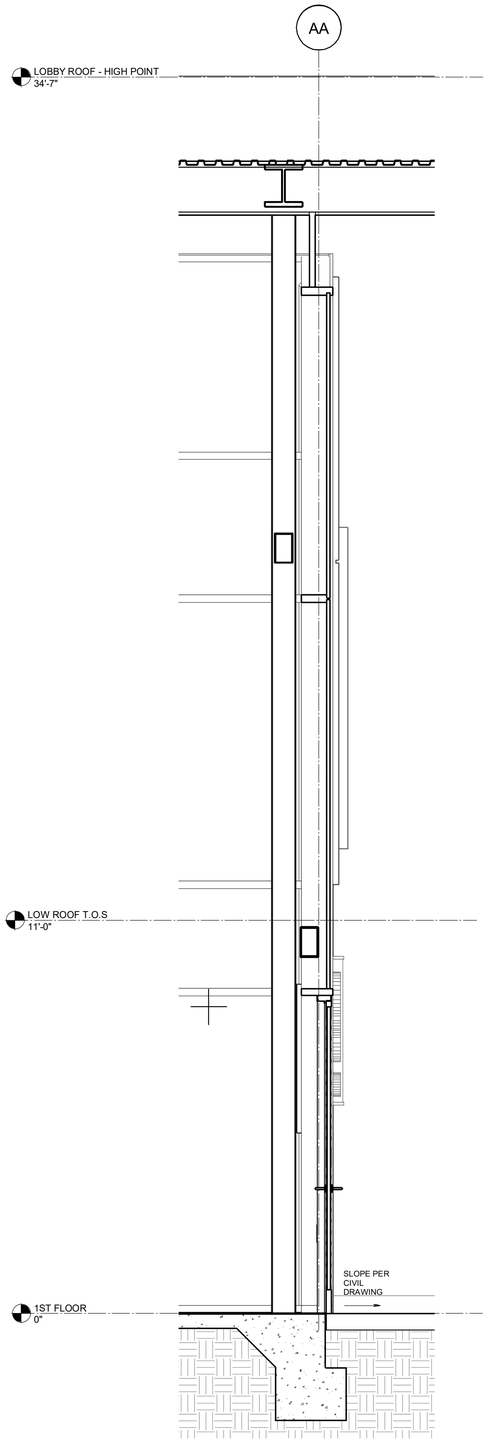
4 A6.21 WALL SECTION 4 - MULTI-PURPOSE ROOM NANA WALL
1/2" = 1'-0"



3 A6.21 WALL SECTION 3 - EVENT CENTER @ LOBBY
1/2" = 1'-0"



2 A6.21 WALL SECTION 2 - WALL @ 2ND FLOOR DECK
1/2" = 1'-0"



1 A6.21 WALL SECTION 1 - CURTAIN WALL @ LOBBY
1/2" = 1'-0"

Keynotes:

Notes:

Santee
GO RIDERS GIVE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:05 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

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SANTEE COMMUNITY CENTER - WALL SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/2" = 1'-0"	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		DATE
	RCE NO.		EXPIRES

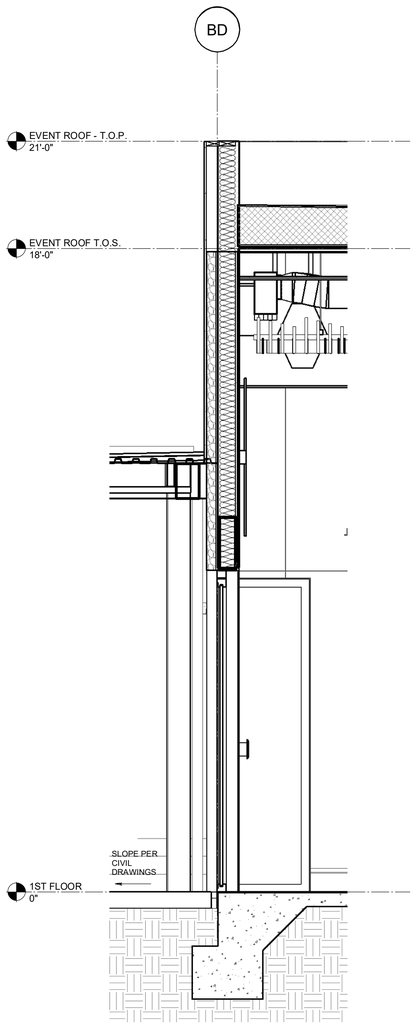
REVIEWED 08/26/2025
BY Taylor Arnicco
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

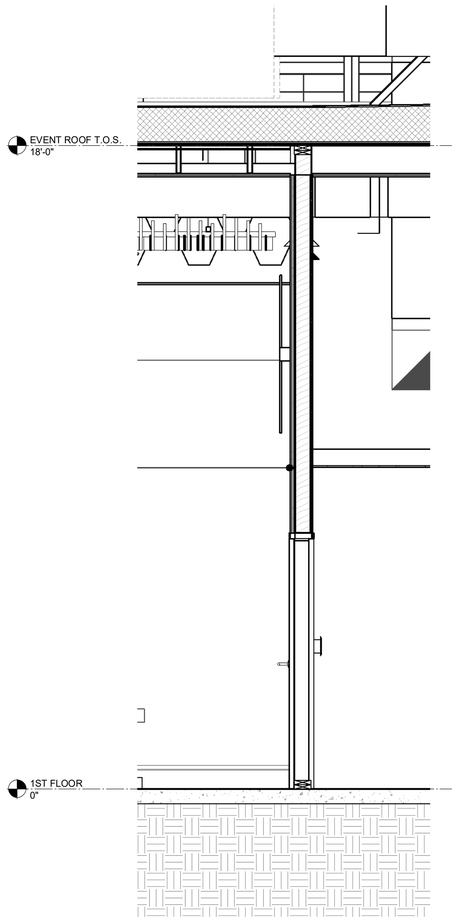
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: A6.21
SHEET 63 OF 294

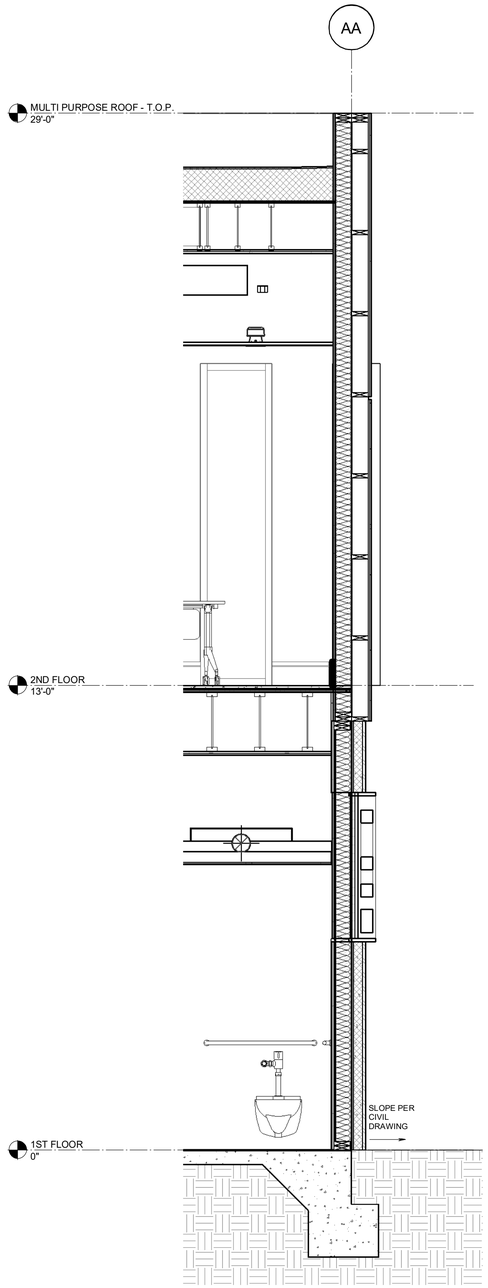
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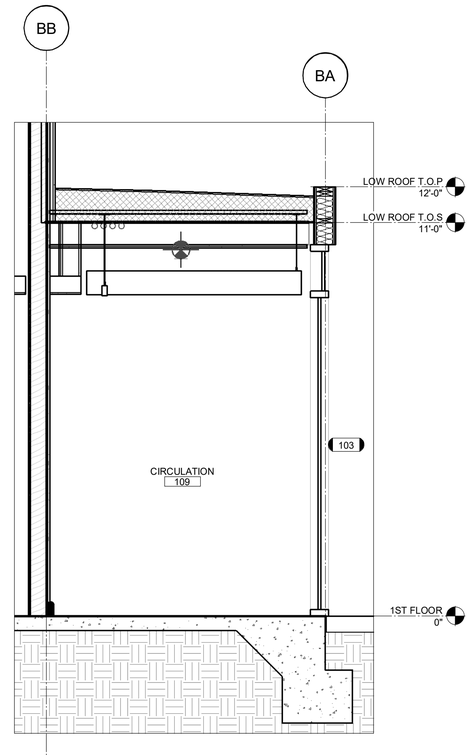
4 A6.22 WALL SECTION 9 - EVENT CENTER NANA WALL
1/2" = 1'-0"



3 A6.22 WALL SECTION 8 - EVENT CENTER
1/2" = 1'-0"



2 A6.22 WALL SECTION 7 - RESTROOM/MULTI-PURPOSE ROOM WALL
1/2" = 1'-0"



1 A6.22 WALL SECTION 6 - EVENT CENTER CORRIDOR
1/2" = 1'-0"

Keynotes:

Notes:

Santee
GO BIGGER • GO EAST

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST
BUILDING SERVICES
Approved
08/01/2025 3:22:05 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32852
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - WALL SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/2" = 1'-0"	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

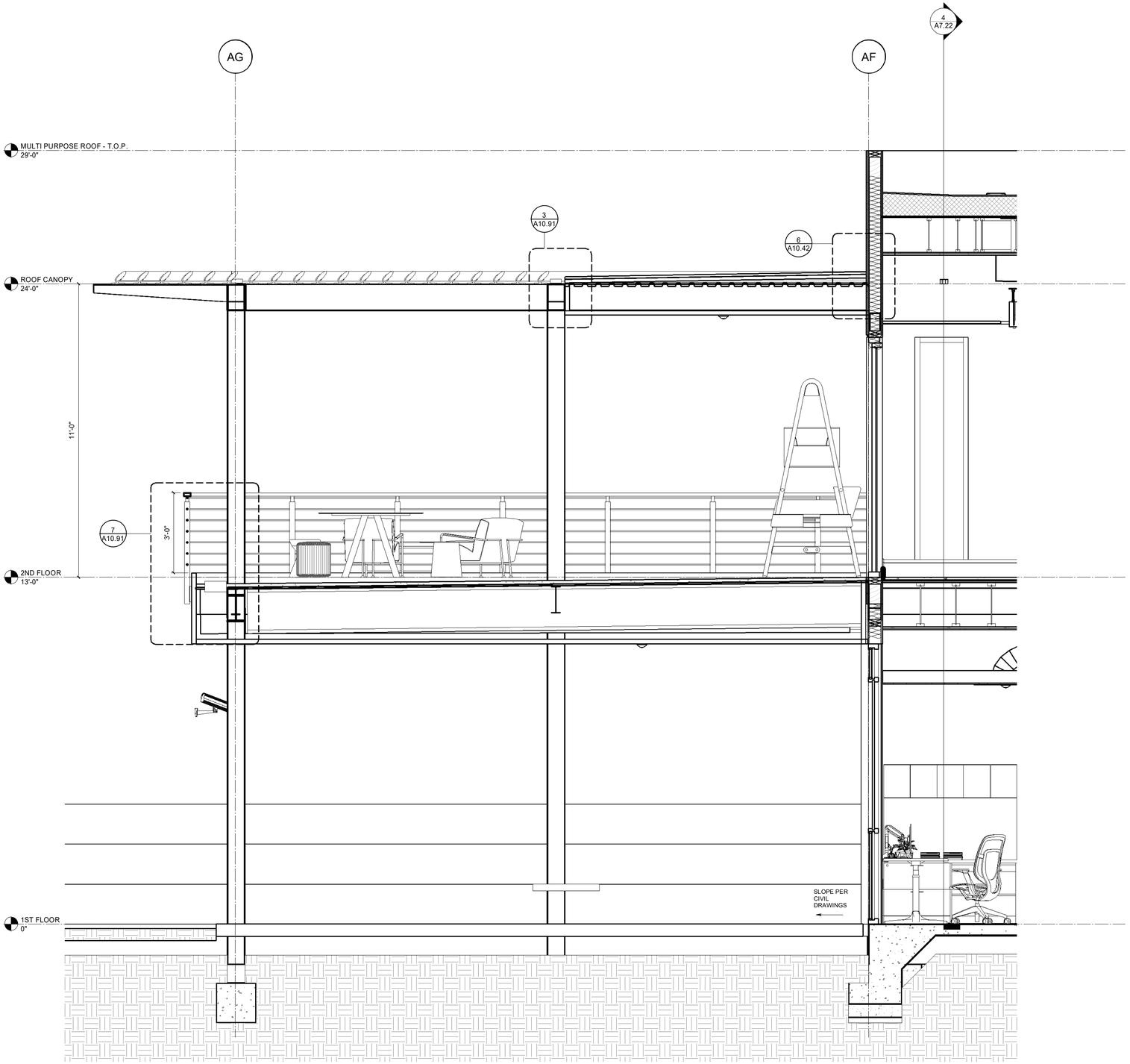
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

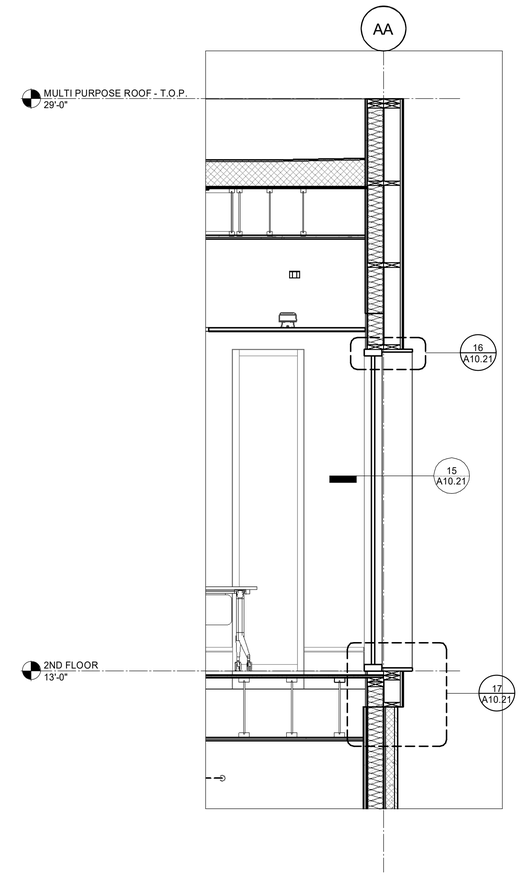
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A6.22**
SHEET 64 OF 294

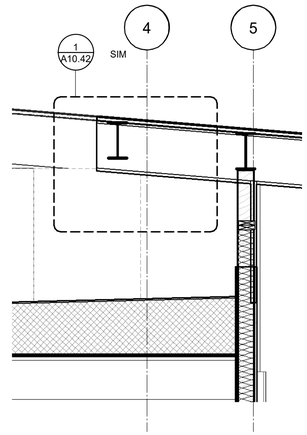
Please Recycle



3 A6.23 DECK AND CANOPY SECTION
1/2" = 1'-0"



2 A6.23 BOX WINDOW SECTION
1/2" = 1'-0"



1 A6.23 TOP OF ROOF OVERHANG
1/2" = 1'-0"

Keynotes:

Notes:

Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:05 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - WALL SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/2" = 1'-0"	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

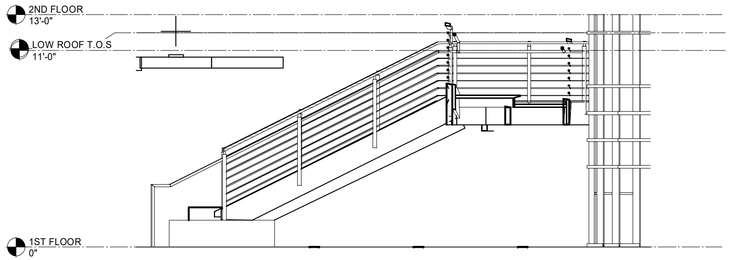
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

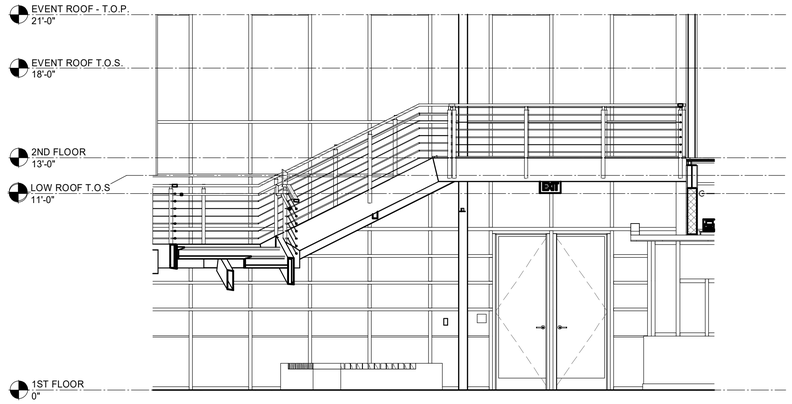
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A6.23**
SHEET 65 OF 294

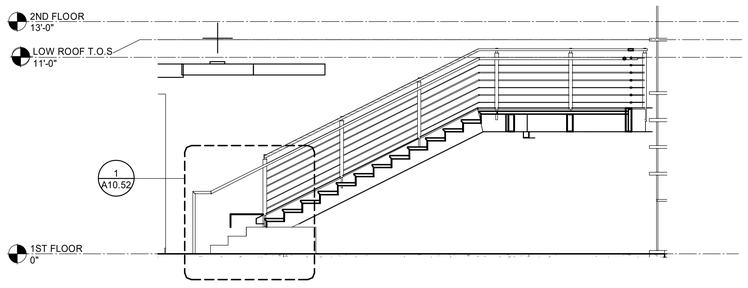
Please Recycle



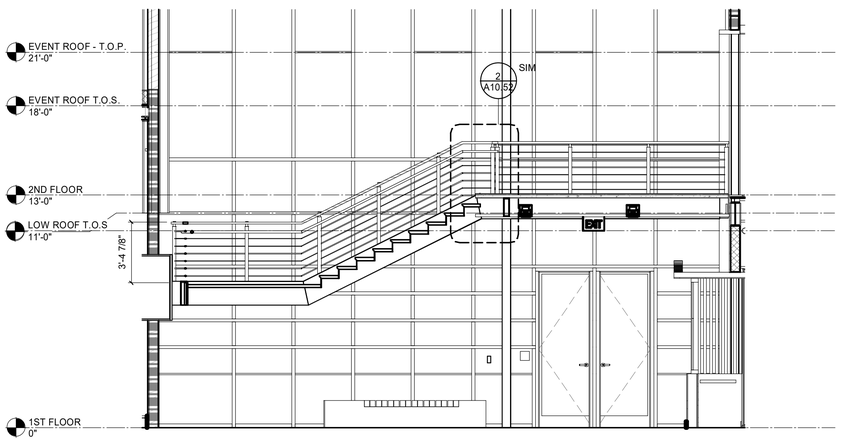
5 A7.21 INTERIOR EXIT ACCESS STAIRWAY - ELEVATION 2
1/4" = 1'-0"



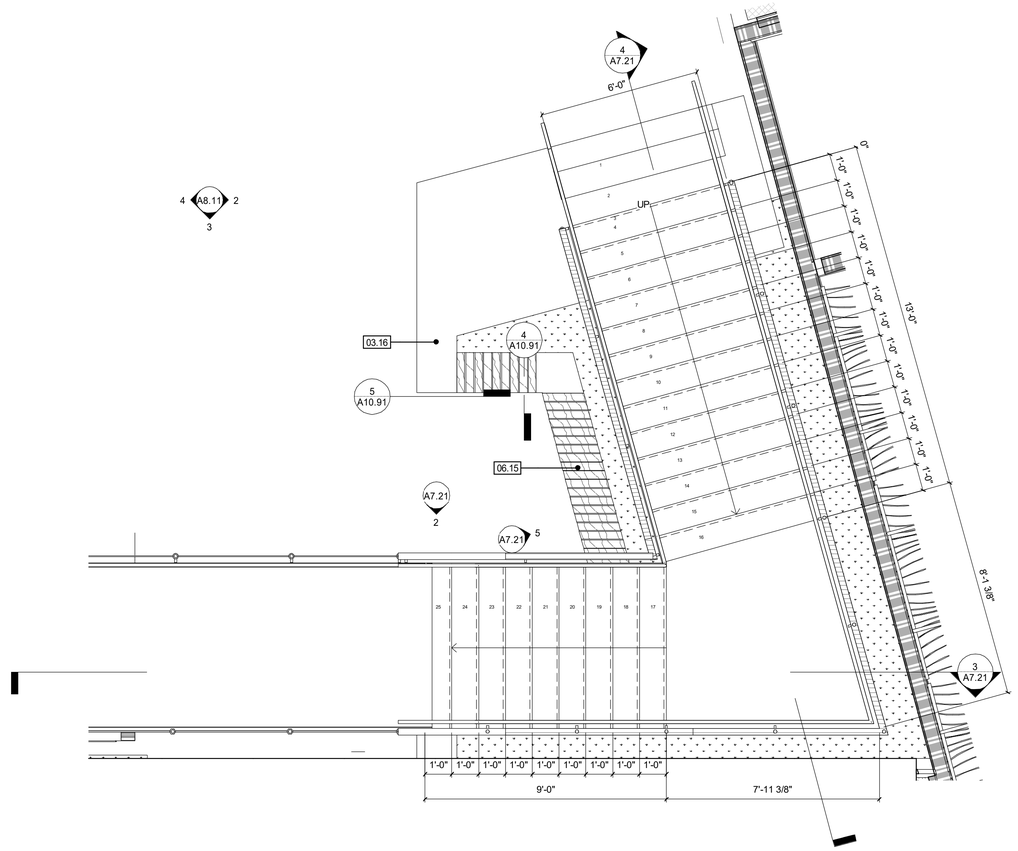
2 A7.21 INTERIOR EXIT ACCESS STAIRWAY - ELEVATION 1
1/4" = 1'-0"



4 A7.21 INTERIOR EXIT ACCESS STAIRWAY - SECTION 2
1/4" = 1'-0"



3 A7.21 INTERIOR EXIT ACCESS STAIRWAY - SECTION 1
1/4" = 1'-0"



1 A7.21 ENLARGED PLAN - INTERIOR EXIT ACCESS STAIRWAY
3/8" = 1'-0"

Keynotes:

03.16 CONCRETE BENCH WITH WOOD SLATS. REFER TO DETAIL 6/A10.91
06.15 WOODEN BENCH SLATS , REFER TO 6/A10.91

Notes:

Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:05 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32852
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ENLARGED STAIR PLANS, ELEVATIONS, AND SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

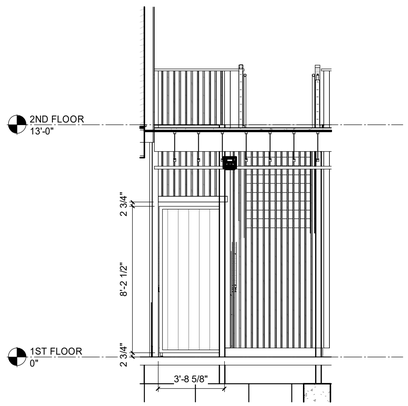
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

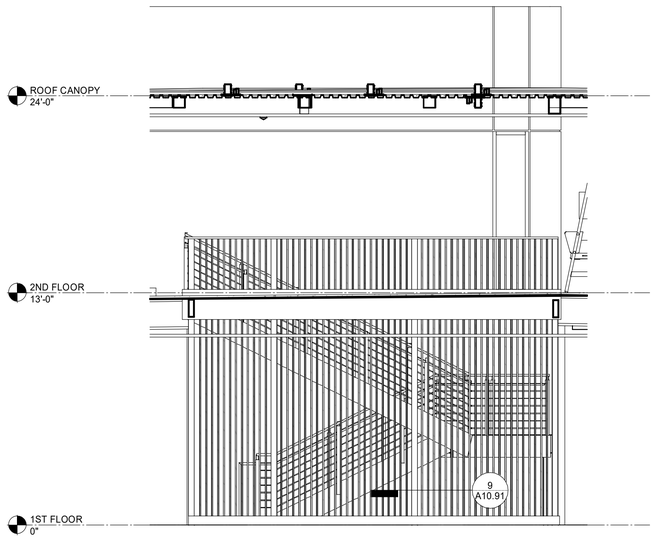
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A7.21
	SHEET 66 OF 294

Please Recycle

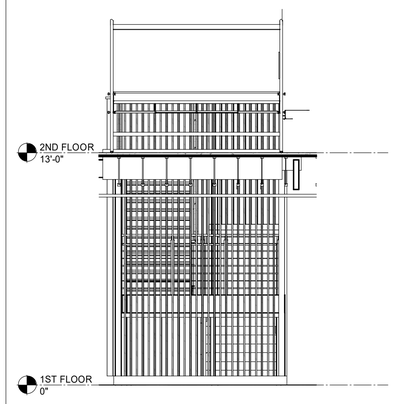
If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



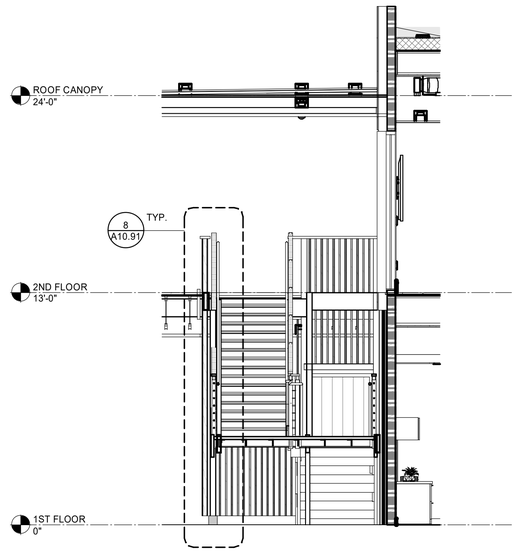
6 A7.22 EXTERIOR EXIT STAIRWAYS - ELEVATION 3
1/4" = 1'-0"



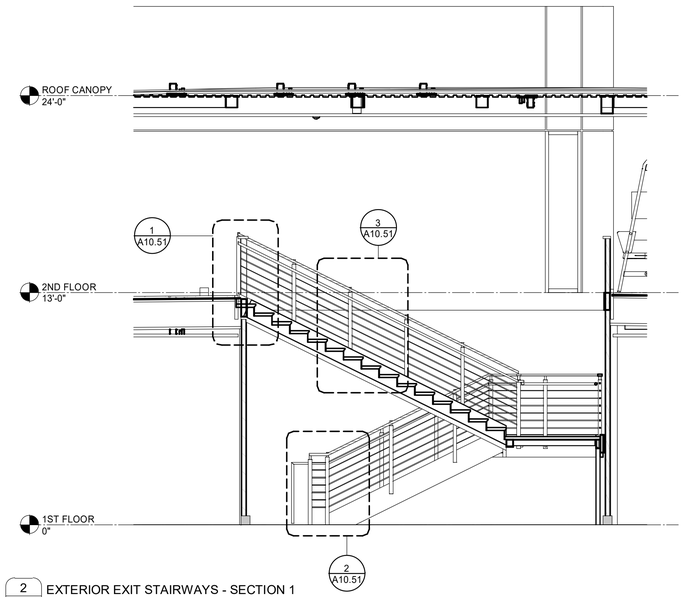
5 A7.22 EXTERIOR EXIT STAIRWAYS - ELEVATION 2
1/4" = 1'-0"



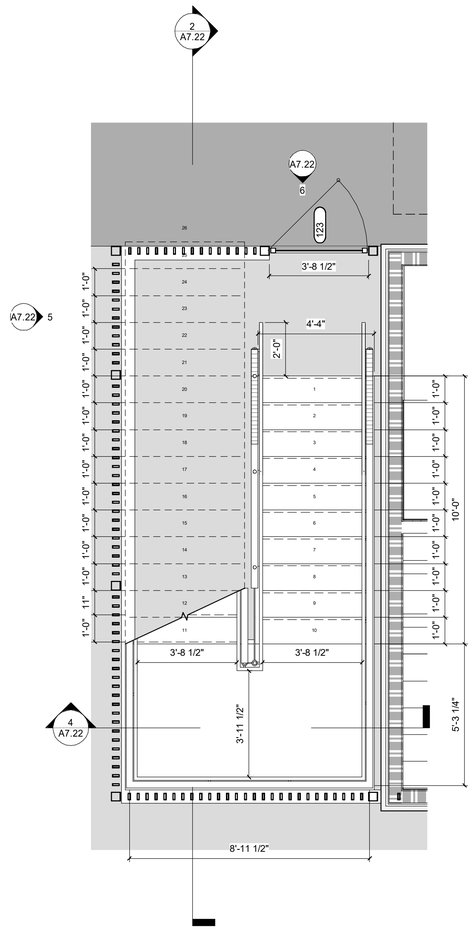
3 A7.22 EXTERIOR EXIT STAIRWAYS - ELEVATION 1
1/4" = 1'-0"



4 A7.22 EXTERIOR EXIT STAIRWAYS - SECTION 2
1/4" = 1'-0"



2 A7.22 EXTERIOR EXIT STAIRWAYS - SECTION 1
1/4" = 1'-0"



1 A7.22 ENLARGED PLAN - EXTERIOR EXIT STAIRWAYS
3/8" = 1'-0"

Keynotes:

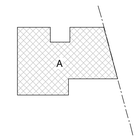
Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date **Aug 22, 2025**

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:05 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ENLARGED STAIR PLANS, ELEVATIONS, AND SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

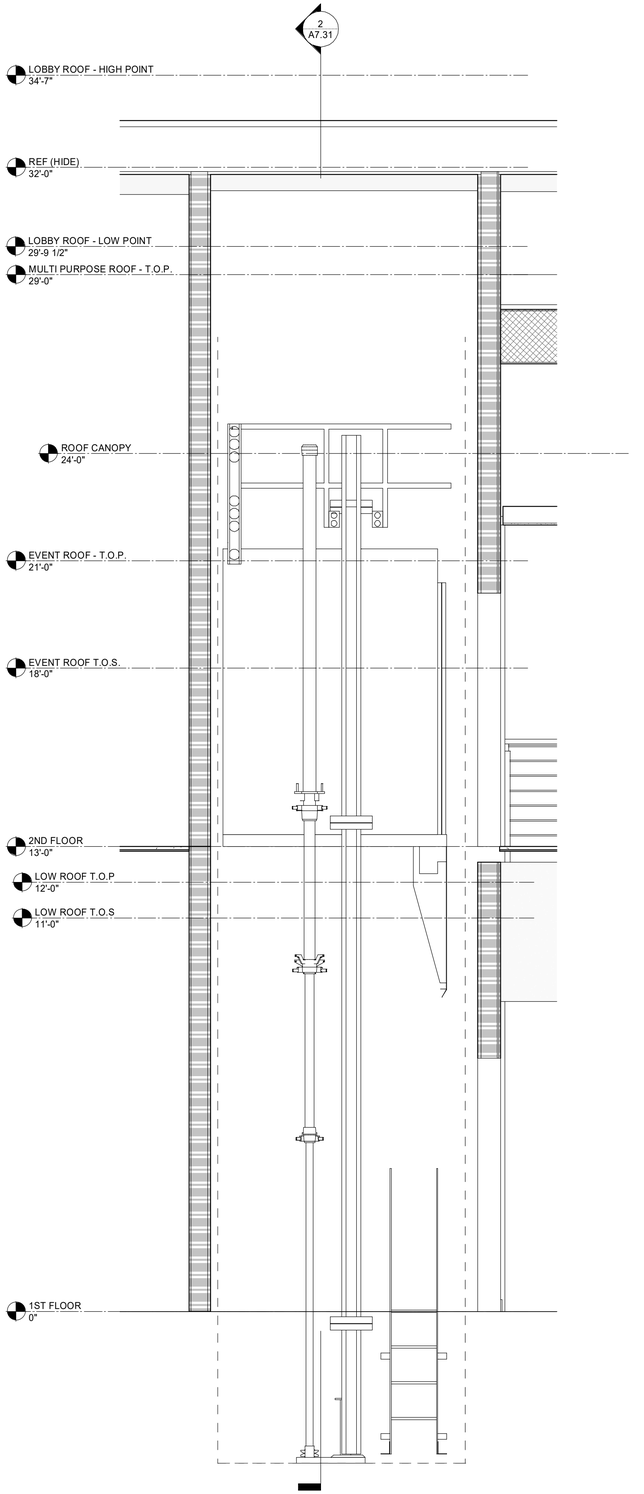
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

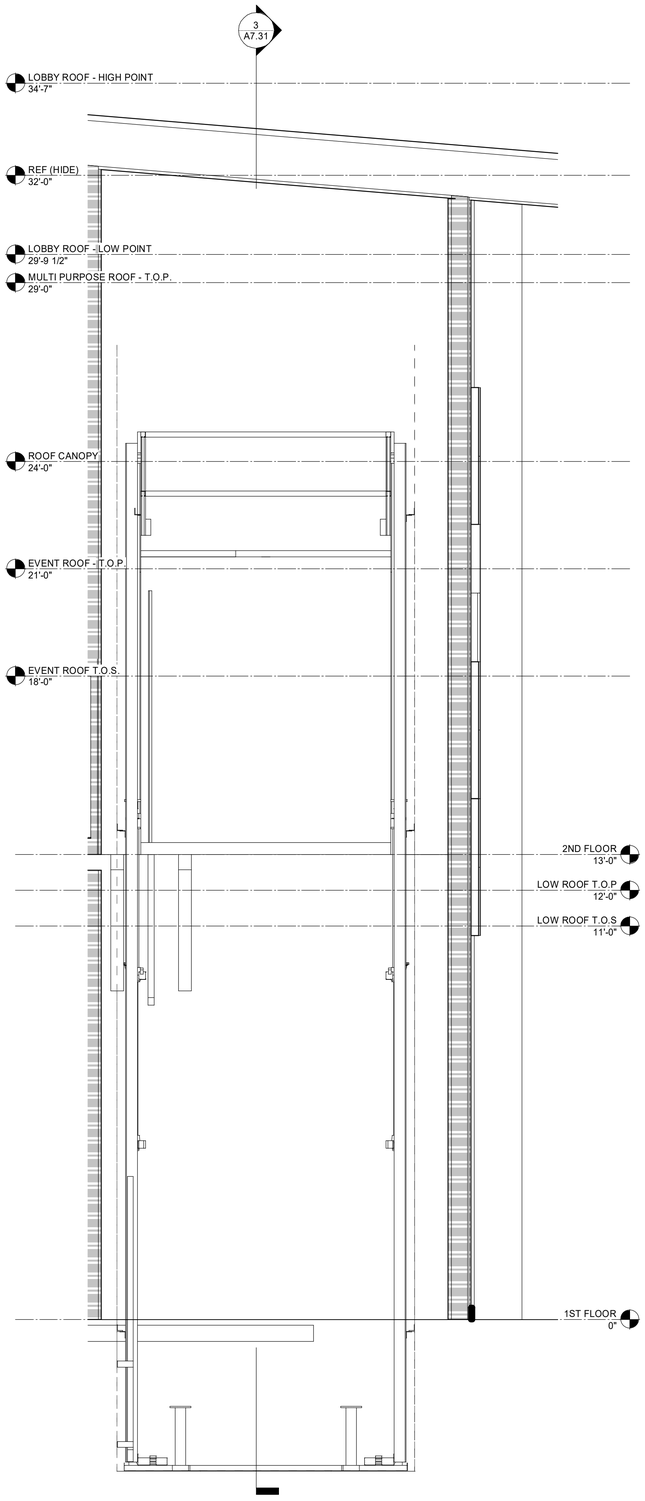
DRAWING NO.: **A7.22**
SHEET 67 OF 294

Please Recycle

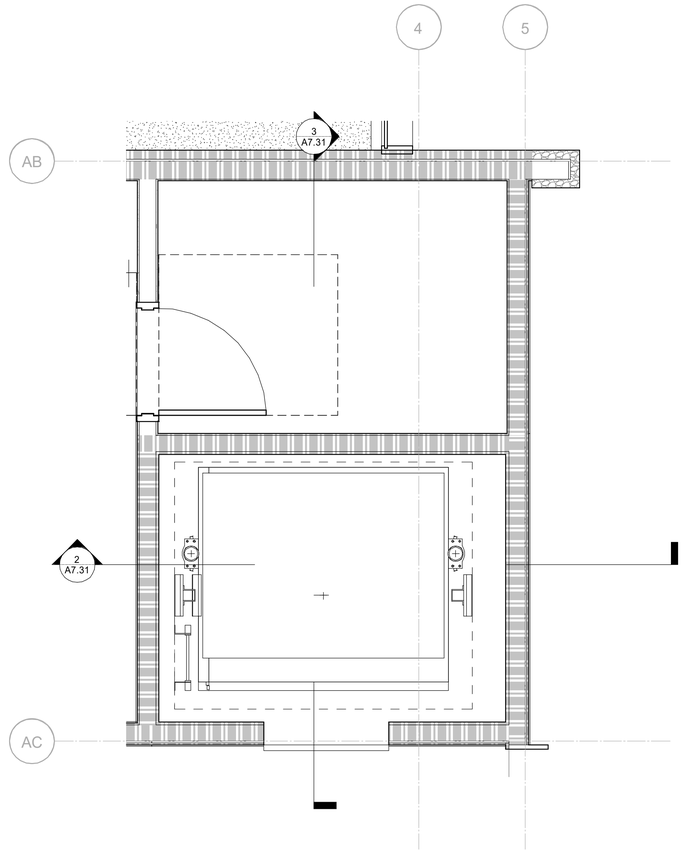
If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



3 A7.31 ELEVATOR SECTION 2
1/2" = 1'-0"



2 A7.31 ELEVATOR SECTION 1
1/2" = 1'-0"



1 A7.31 ENLARGED PLAN - ELEVATOR
1/2" = 1'-0"

Keynotes:

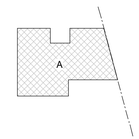
Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22**, 202**5**

INTERWEST
Approved
08/01/2025 3:22:05 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ENLARGED ELEVATOR PLANS, ELEVATIONS, AND SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1/2" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

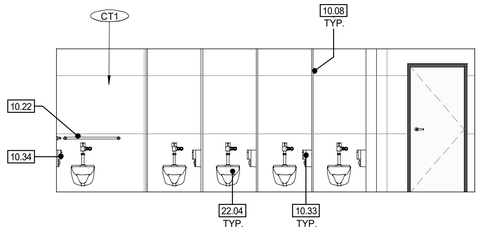
PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

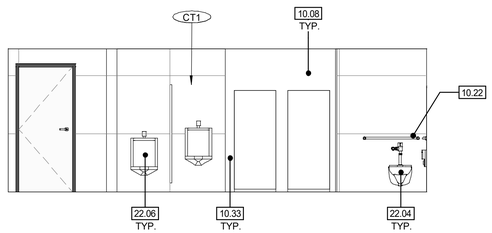
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A7.31
	SHEET 68 OF 294

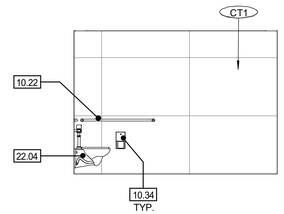
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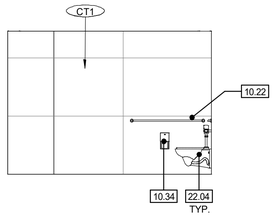
9 / A7.41 WOMENS RESTROOM - EAST
1/4" = 1'-0"



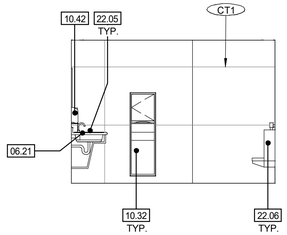
5 / A7.41 MENS RESTROOM - WEST
1/4" = 1'-0"



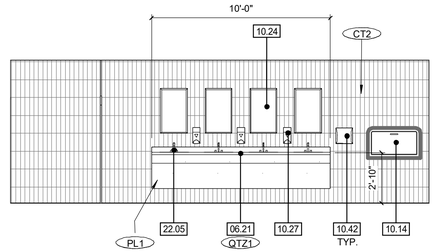
3 / A7.41 MENS RESTROOM - NORTH
1/4" = 1'-0"



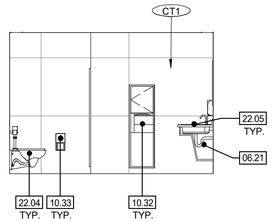
8 / A7.41 WOMENS RESTROOM - NORTH
1/4" = 1'-0"



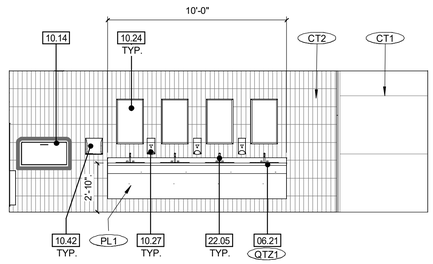
4 / A7.41 MENS RESTROOM - SOUTH
1/4" = 1'-0"



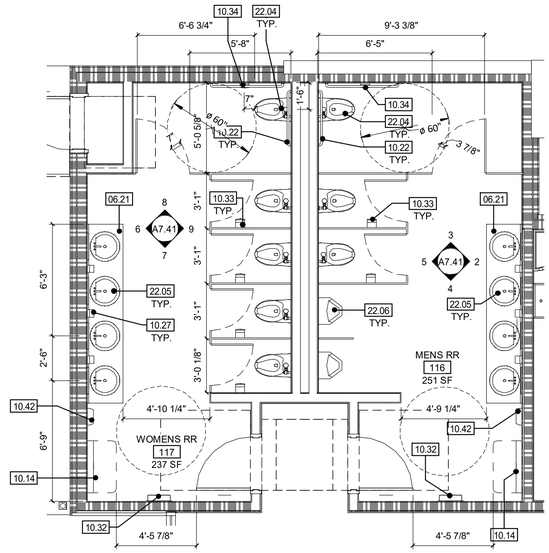
2 / A7.41 MENS RESTROOM - EAST
1/4" = 1'-0"



7 / A7.41 WOMENS RESTROOM - SOUTH
1/4" = 1'-0"



6 / A7.41 WOMENS RESTROOM - WEST
1/4" = 1'-0"



1 / A7.41 ENLARGED PLAN - RESTROOM
1/4" = 1'-0"

Keynotes:

06.21	COUNTERTOP
10.08	FULL HEIGHT TOILET PARTITION - 1/A850
10.14	BABY CHANGING STATION
10.22	GRAB BAR
10.24	MIRROR
10.27	SOAP DISPENSER
10.32	PAPER TOWEL DISPENSER AND WASTE COMBO
10.33	SURFACE MOUNTED TOILET PAPER DISPENSER
10.34	RECESSED TOILET PAPER DISPENSER
10.42	HAND DRYER
22.04	WALL MOUNTED TOILET
22.05	LAVATORY
22.06	URINAL

Notes:

1. REFER TO SHEET A10.71 FOR ACCESSORY MOUNTING HEIGHTS

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APPROVED FOR CONSTRUCTION
Permit # BC**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:05 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ENLARGED RESTROOM PLANS, ELEVATIONS, AND SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

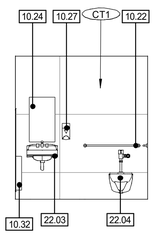
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

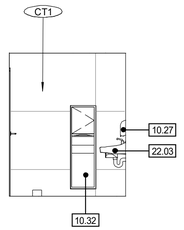
DRAWING NO.: **A7.41**
SHEET 69 OF 294

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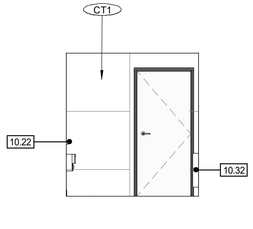
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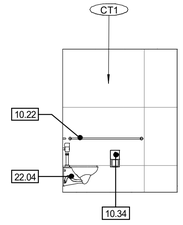
15 A7.42 UNISSEX RESTROOM 203 - SOUTH
1/4" = 1'-0"



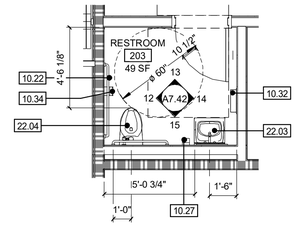
14 A7.42 UNISSEX RESTROOM 203 - EAST
1/4" = 1'-0"



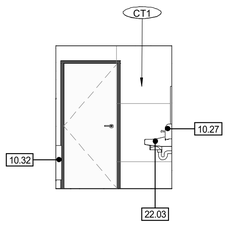
13 A7.42 UNISSEX RESTROOM 203 - NORTH
1/4" = 1'-0"



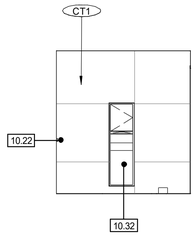
12 A7.42 UNISSEX RESTROOM 203 - WEST
1/4" = 1'-0"



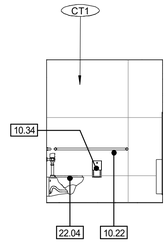
3 A7.42 ENLARGED PLAN - UNISEX RESTROOM 203
1/4" = 1'-0"



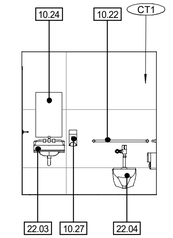
11 A7.42 UNISSEX RESTROOM 202 - SOUTH
1/4" = 1'-0"



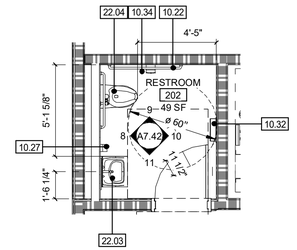
10 A7.42 UNISSEX RESTROOM 202 - EAST
1/4" = 1'-0"



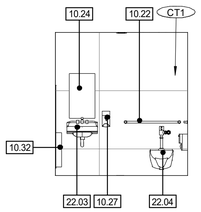
9 A7.42 UNISSEX RESTROOM 202 - NORTH
1/4" = 1'-0"



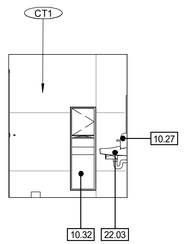
8 A7.42 UNISSEX RESTROOM 202 - WEST
1/4" = 1'-0"



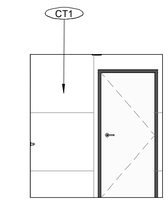
2 A7.42 ENLARGED PLAN - UNISEX RESTROOM 202
1/4" = 1'-0"



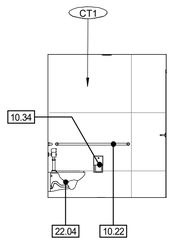
7 A7.42 UNISEX RESTROOM 112 - SOUTH
1/4" = 1'-0"



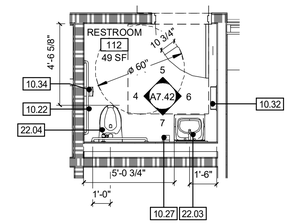
6 A7.42 UNISEX RESTROOM 112 - EAST
1/4" = 1'-0"



5 A7.42 UNISEX RESTROOM 112 - NORTH
1/4" = 1'-0"



4 A7.42 UNISEX RESTROOM 112 - WEST
1/4" = 1'-0"



1 A7.42 ENLARGED PLAN - UNISEX RESTROOM 112
1/4" = 1'-0"

Keynotes:

10.22	GRAB BAR
10.24	MIRROR
10.27	SOAP DISPENSER
10.32	PAPER TOWEL DISPENSER AND WASTE COMBO
10.34	RECESSED TOILET PAPER DISPENSER
22.03	FLOOR DRAIN
22.04	WALL MOUNTED TOILET

Notes:

1. REFER TO SHEET A10.71 FOR ACCESSORY MOUNTING HEIGHTS

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # BCNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:05 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ENLARGED RESTROOM PLANS, ELEVATIONS, AND SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

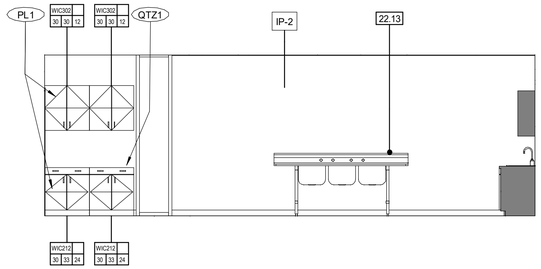
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

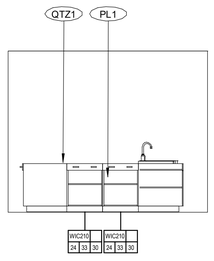
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: A7.42
SHEET 70 OF 294

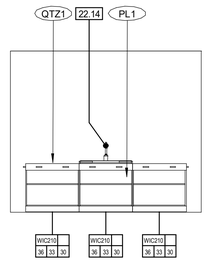
Please Recycle



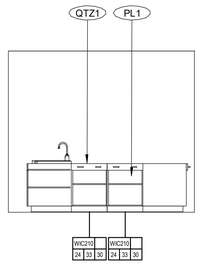
6 A7.43 INTERIOR ELEVATION - KITCHEN 102 - NORTH
1/4" = 1'-0"



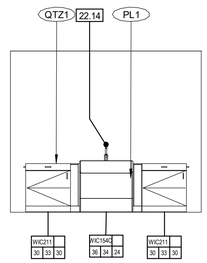
2 A7.43 KITCHEN ISLAND - EAST
1/4" = 1'-0"



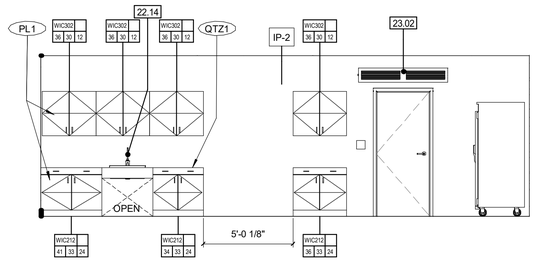
3 A7.43 KITCHEN ISLAND - SOUTH
1/4" = 1'-0"



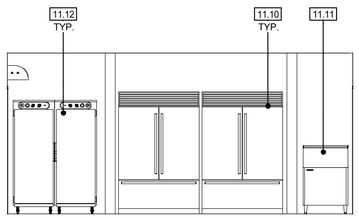
4 A7.43 KITCHEN ISLAND - WEST
1/4" = 1'-0"



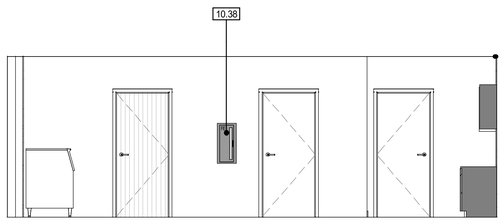
5 A7.43 KITCHEN ISLAND - NORTH
1/4" = 1'-0"



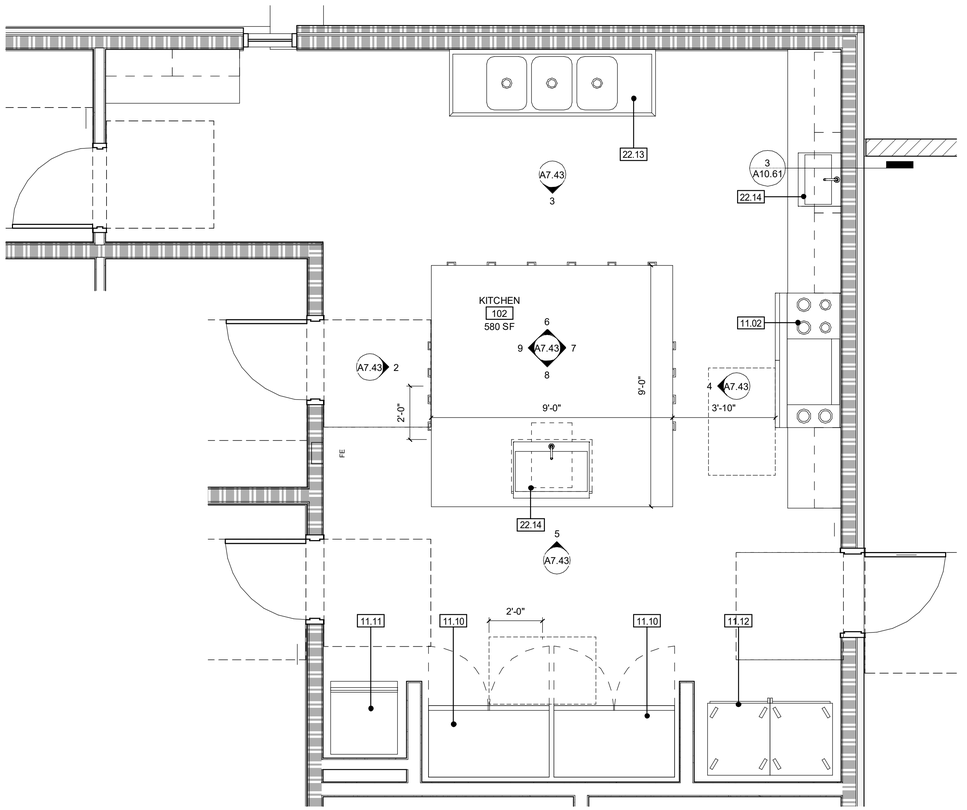
7 A7.43 INTERIOR ELEVATION - KITCHEN 102 - EAST
1/4" = 1'-0"



8 A7.43 INTERIOR ELEVATION - KITCHEN 102 - SOUTH
1/4" = 1'-0"



9 A7.43 INTERIOR ELEVATION - KITCHEN 102 - WEST
1/4" = 1'-0"



1 A7.43 ENLARGED FLOOR PLAN - 1ST FLOOR - KITCHEN 102
3/8" = 1'-0"

Keynotes:

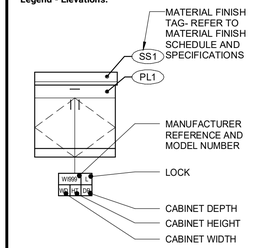
10.38	RECESSED FIRE EXTINGUISHER CABINET, REFER TO DETAILS 12 & 13/A10.71
11.02	ELECTRIC COOKING RANGE
11.10	REFRIGERATOR
11.11	ICE MAKER
11.12	HEATED HUMIDIFIED HOLDING CABINET
22.13	UTILITY SINK - REFER TO PLUMBING DRAWINGS
22.14	SINK - REFER TO PLUMBING DRAWINGS
23.02	AIR CURTAIN

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Notes:

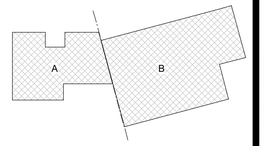
Legend - Elevations:



General Notes - Elevations:

1. LIGHT FIXTURES, AIR TERMINALS, GRILLES, ELECTRICAL FIXTURES, OUTLETS, DATA RECEPTACLES, AUDIO/VIDEO CONNECTIONS AND MEDICAL GAS FIXTURES SHOWN ARE FOR ARCHITECTURAL COORDINATION AND DIMENSIONAL CONTROL ONLY. REF: MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS.
2. NOT ALL FIXTURES MAY BE SHOWN ON ARCHTECTURAL ELEVATIONS
3. REFER TO SHEET G0.11 FOR SYMBOL LEGEND.

KEY PLAN:



INTERWEST
Approved
08/01/2025 3:22:05 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ENLARGED FLOOR PLAN, ELEVATIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

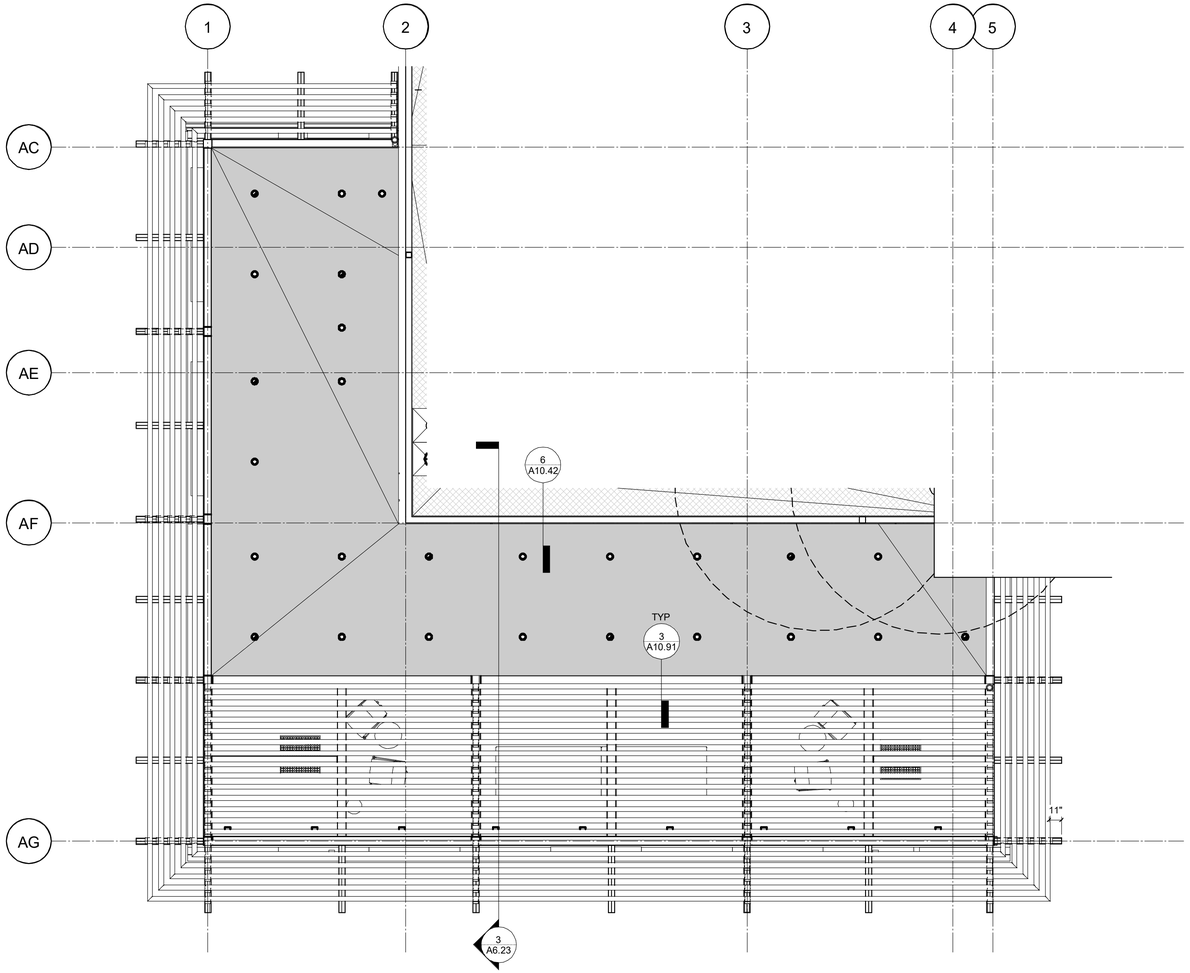
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

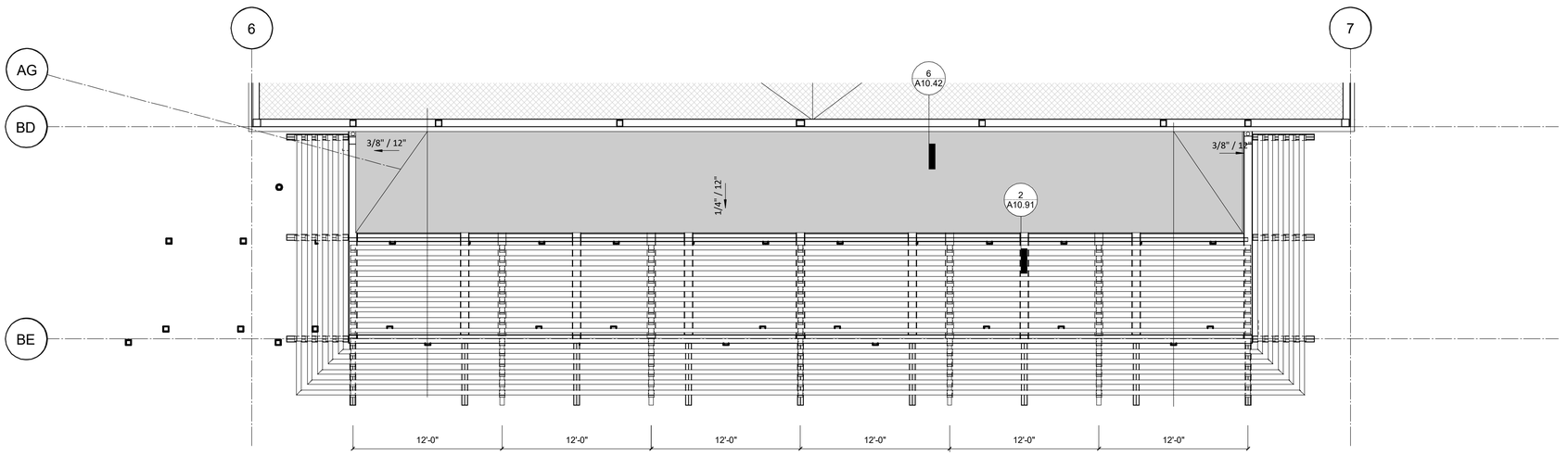
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A7.43**
SHEET 71 OF 294

Please Recycle



2 / A7.52 ROOF PLAN - OVERALL - Callout 2
3/16" = 1'-0"



1 / A7.52 ROOF PLAN - OVERALL - Callout 1
3/16" = 1'-0"

Keynotes:

Notes:

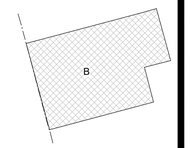
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:05 PM

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ENLARGED ROOF CANOPY

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

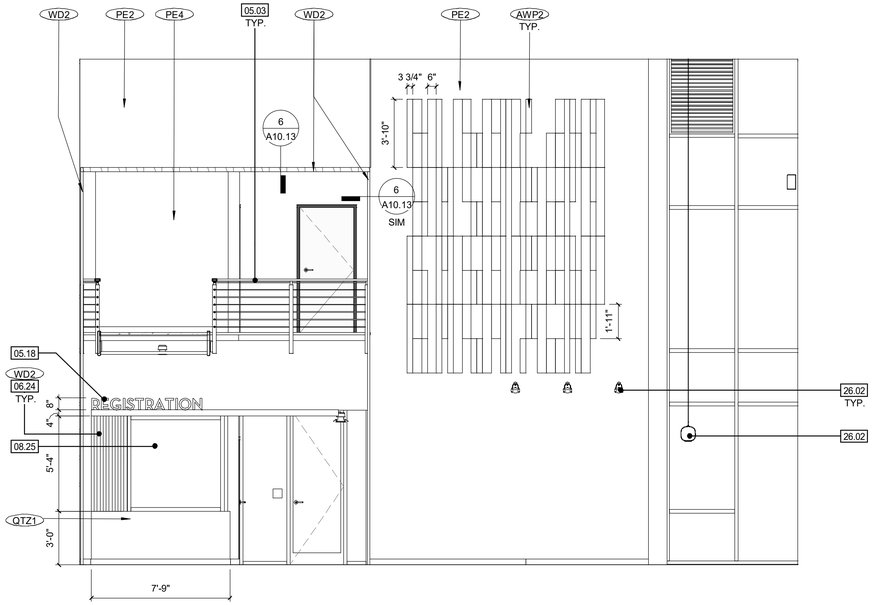
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

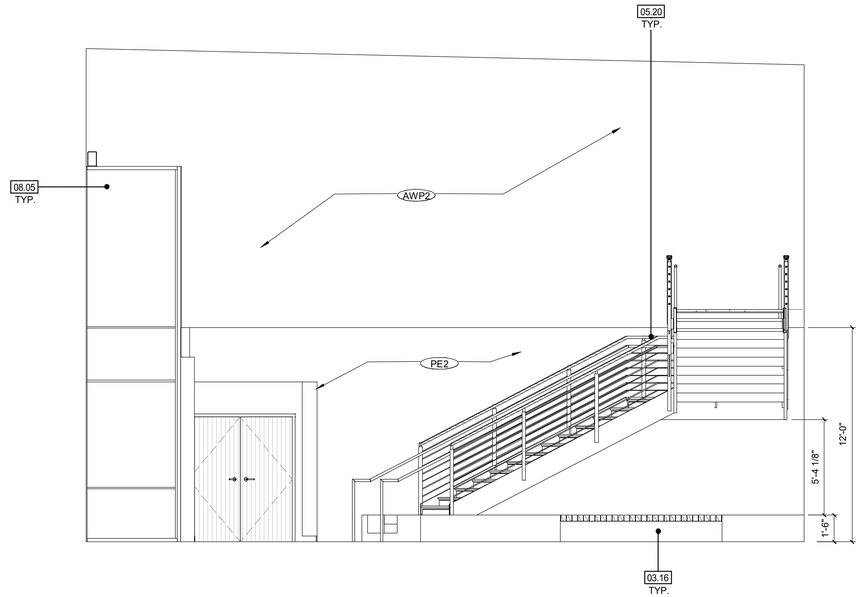
CITY W.O. NO.: **CIP 2018-31**

DRAWING NO.: **A7.52**
SHEET 72 OF 294

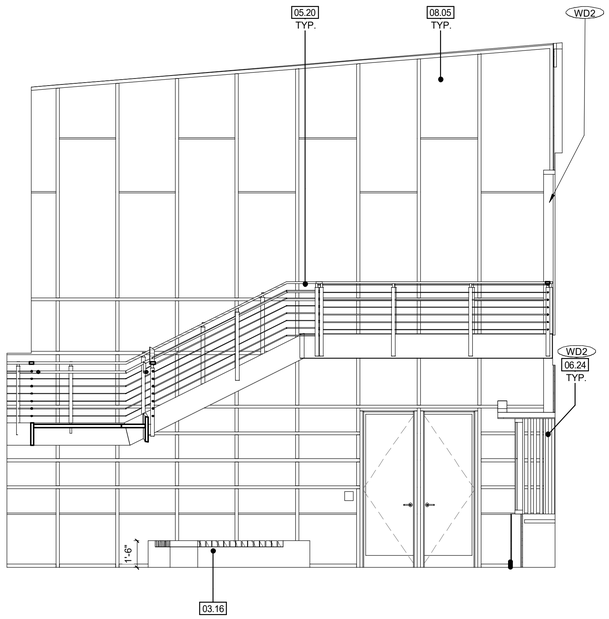
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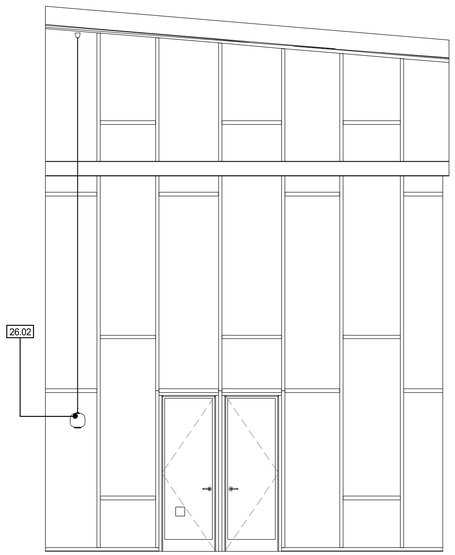
4 A8.11 LOBBY - WEST
1/4" = 1'-0"



2 A8.11 LOBBY - EAST
1/4" = 1'-0"



3 A8.11 LOBBY - SOUTH
1/4" = 1'-0"



1 A8.11 LOBBY - NORTH
1/4" = 1'-0"

Keynotes:

03.16	CONCRETE BENCH WITH WOOD SLATS. REFER TO DETAIL 6/A10.91
05.03	STEEL GUARDRAIL. SEE DETAIL 7/A10.91
05.18	METAL SIGN. REFER TO DETAILS 9 & 10/A10.82
05.20	STEEL GUARDRAIL W/ HANDRAIL - 3/A612 & 6/A612
06.24	VERTICAL WOODEN SLATS
08.05	CURTAIN WALL SYSTEM AND GLAZING
08.25	TRANSACTION WINDOW WITH PASS THROUGH
26.02	LIGHT FIXTURE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date **Aug 22, 2025**

Notes:

General Notes - Elevations:

1. LIGHT FIXTURES, AIR TERMINALS, GRILLES, ELECTRICAL FIXTURES, OUTLETS, DATA RECEPTACLES, AUDIO/VIDEO CONNECTIONS AND MEDICAL GAS FIXTURES SHOWN ARE FOR ARCHITECTURAL COORDINATION AND DIMENSIONAL CONTROL ONLY. REF: MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS.
2. NOT ALL FIXTURES MAY BE SHOWN ON ARCHTECTURAL ELEVATIONS
3. REFER TO SHEET G0.11 FOR SYMBOL LEGEND.

INTERWEST A RAFTELIS COMPANY
Approved
08/01/2025 3:22:05 PM

LICENSED ARCHITECT KYLE G. PETERSEN C-32852 REN. 05/31/27 STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - INTERIOR ELEVATIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

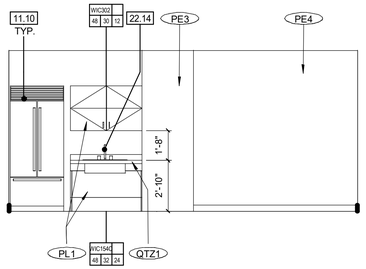
PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

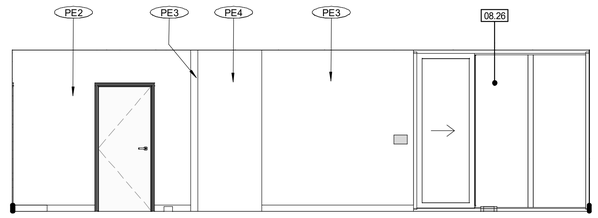
CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.
CIP 2018-31

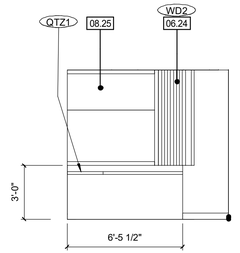
DRAWING NO.
A8.11
SHEET 73 OF 294



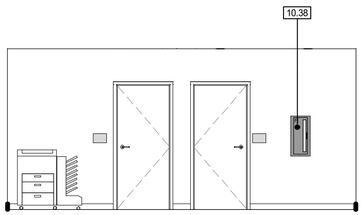
13 A8.12 OPEN OFFICE - EAST
1/4" = 1'-0"



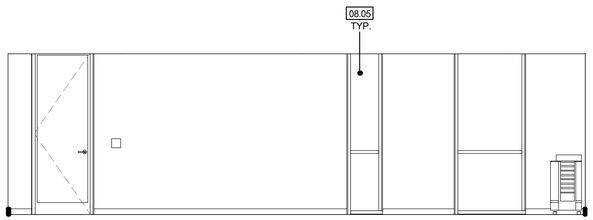
11 A8.12 OPEN OFFICE - NORTH
1/4" = 1'-0"



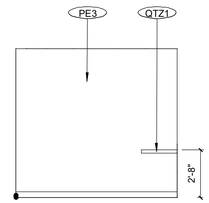
5 A8.12 RECEPTION - EAST
1/4" = 1'-0"



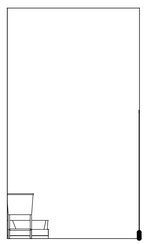
12 A8.12 OPEN OFFICE - WEST
1/4" = 1'-0"



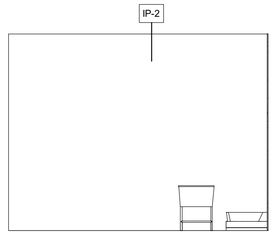
10 A8.12 OPEN OFFICE - SOUTH
1/4" = 1'-0"



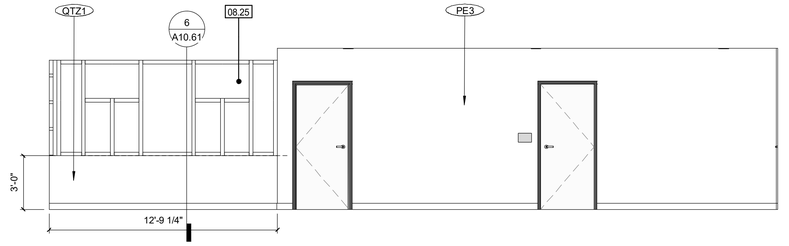
4 A8.12 RECEPTION - WEST
1/4" = 1'-0"



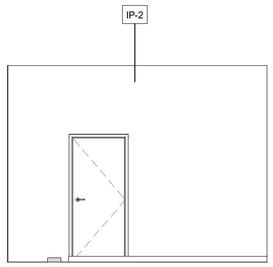
9 A8.12 JANITOR CLOSET - NORTH
1/4" = 1'-0"



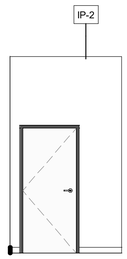
7 A8.12 JANITOR CLOSET - WEST
1/4" = 1'-0"



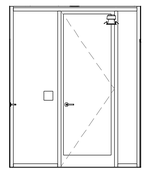
3 A8.12 LOBBY CORRIDOR - SOUTH
1/4" = 1'-0"



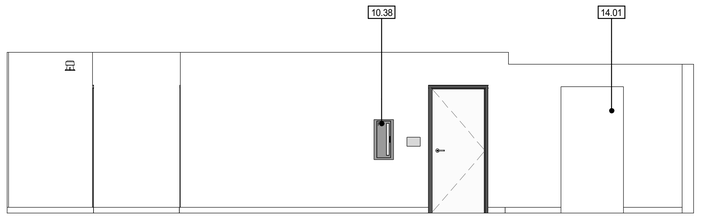
8 A8.12 JANITOR CLOSET - EAST
1/4" = 1'-0"



6 A8.12 JANITOR CLOSET - SOUTH
1/4" = 1'-0"



2 A8.12 LOBBY CORRIDOR - WEST
1/4" = 1'-0"



1 A8.12 LOBBY CORRIDOR - NORTH
1/4" = 1'-0"

Keynotes:

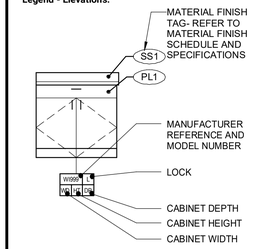
06.24	VERTICAL WOODEN SLATS
08.05	CURTAIN WALL SYSTEM AND GLAZING
08.25	TRANSACTION WINDOW WITH PASS THROUGH
08.26	SLIDING STOREFRONT SYSTEM
10.38	RECESSED FIRE EXTINGUISHER CABINET, REFER TO DETAILS 12 & 13/A10.71
11.10	REFRIGERATOR
14.01	ELEVATOR
22.14	SINK - REFER TO PLUMBING DRAWINGS

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Notes:

Legend - Elevations:



General Notes - Elevations:

1. LIGHT FIXTURES, AIR TERMINALS, GRILLES, ELECTRICAL FIXTURES, OUTLETS, DATA RECEPTACLES, AUDIO/VIDEO CONNECTIONS AND MEDICAL GAS FIXTURES SHOWN ARE FOR ARCHITECTURAL COORDINATION AND DIMENSIONAL CONTROL ONLY. REF: MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS.
2. NOT ALL FIXTURES MAY BE SHOWN ON ARCHTECTURAL ELEVATIONS
3. REFER TO SHEET G0.11 FOR SYMBOL LEGEND.

INTERWEST
Approved
08/01/2025 3:22:06 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

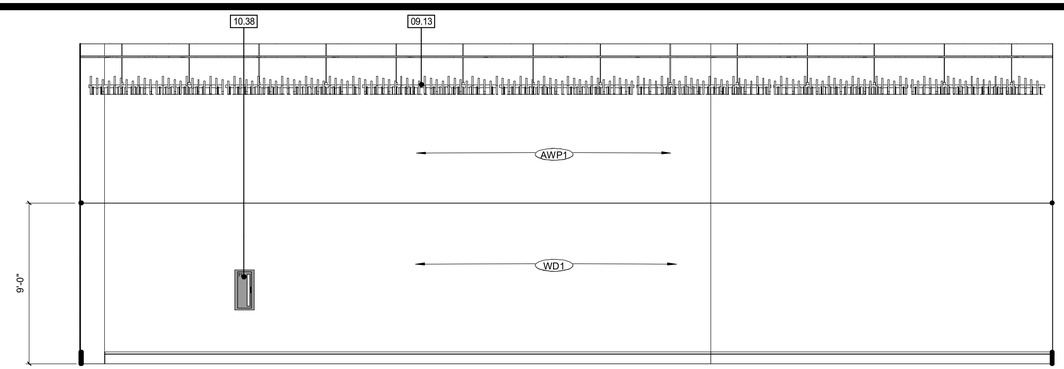
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A8.12**
SHEET 74 OF 294

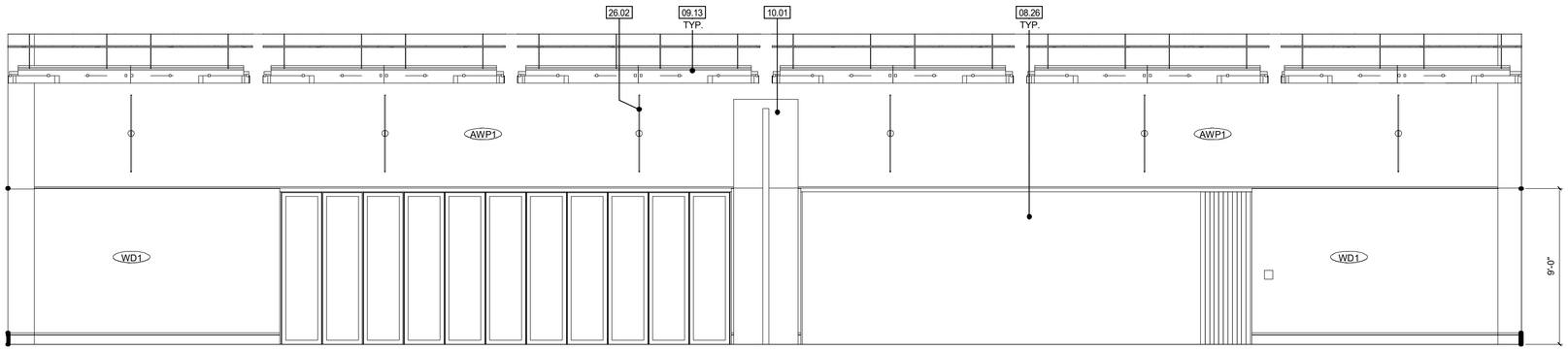
100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - INTERIOR ELEVATIONS

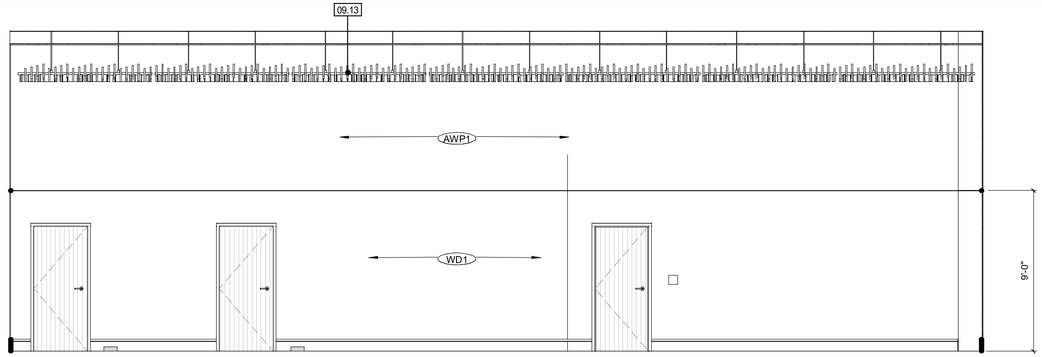
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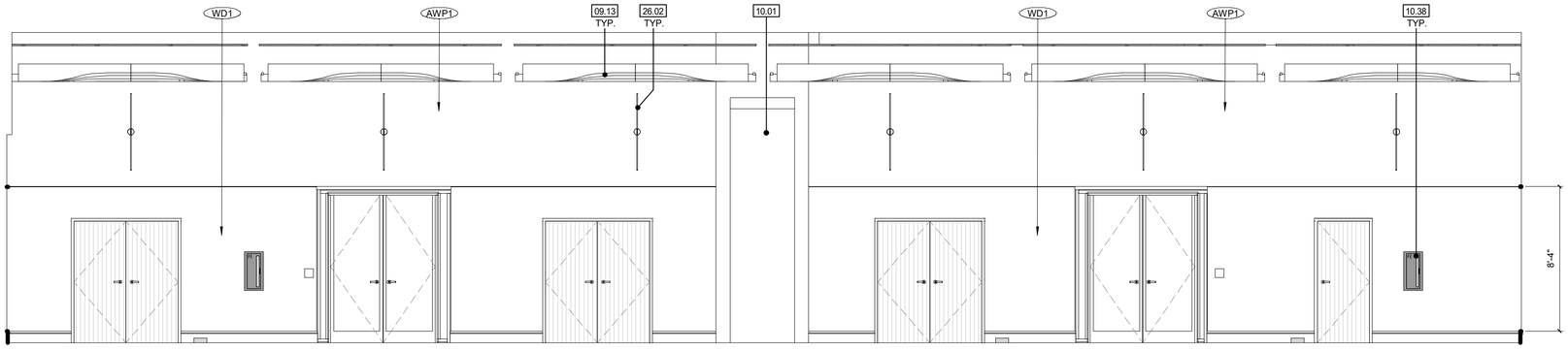
4 A8.13 EVENT CENTER - WEST
1/4" = 1'-0"



3 A8.13 EVENT CENTER - SOUTH
1/4" = 1'-0"



2 A8.13 EVENT CENTER - EAST
1/4" = 1'-0"



1 A8.13 EVENT CENTER - NORTH
1/4" = 1'-0"

Keynotes:

08.26	SLIDING STOREFRONT SYSTEM
09.13	SUSPENDED ACOUSTICAL CEILING
10.01	FOLDING PARTITION WALL AND WALL POCKET. ALTERNATE DESIGN
10.38	RECESSED FIRE EXTINGUISHER CABINET, REFER TO DETAILS 12 & 13/A10.71
26.02	LIGHT FIXTURE

Santee GO HERE • GIVE EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Notes:

General Notes - Elevations:

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2. NOT ALL FIXTURES MAY BE SHOWN ON ARCHTECTURAL ELEVATIONS
3. REFER TO SHEET G0.11 FOR SYMBOL LEGEND.

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:06 PM

LICENSED ARCHITECT KYLE G. PETERSEN C-32052 REN. 05/31/27 STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - INTERIOR ELEVATIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

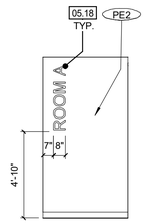
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

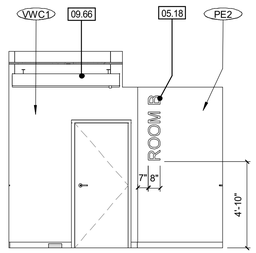
DRAWING NO.: **A8.13**
SHEET 75 OF 294

Please Recycle

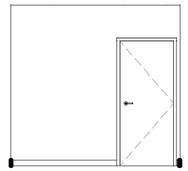
4 A8.14 OFFICE - NORTH
1/4" = 1'-0"



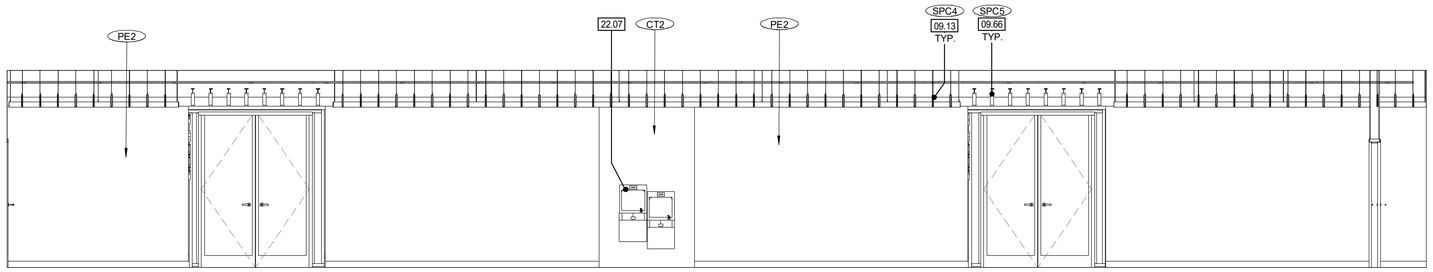
9 A8.14 EVENT CENTER CORRIDOR - EAST B
1/4" = 1'-0"



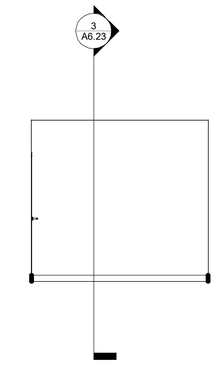
7 A8.14 EVENT CENTER CORRIDOR - EAST
1/4" = 1'-0"



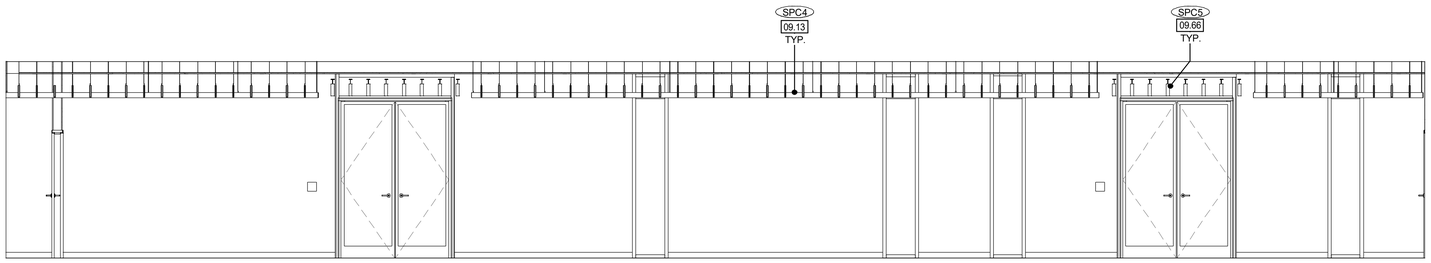
3 A8.14 OFFICE - EAST
1/4" = 1'-0"



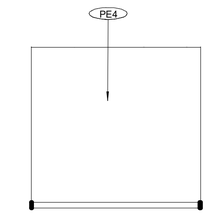
6 A8.14 EVENT CENTER CORRIDOR - SOUTH
1/4" = 1'-0"



2 A8.14 OFFICE - SOUTH
1/4" = 1'-0"



5 A8.14 EVENT CENTER CORRIDOR - NORTH
1/4" = 1'-0"



1 A8.14 OFFICE - WEST
1/4" = 1'-0"

Keynotes:

05.18	METAL SIGN. REFER TO DETAILS 9 & 10/A10.82
09.13	SUSPENDED ACOUSTICAL CEILING
09.66	SUSPENDED ACOUSTICAL LINEAR PENDANT LIGHT
22.07	HI-LOW DRINKING FOUNTAIN

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22**, 2025**5**

General Notes - Elevations:

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INTERWEST
A Bureau Veritas Company
Approved
08/01/2025 3:22:06 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 1ST FLOOR - INTERIOR ELEVATIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

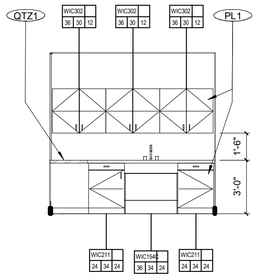
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

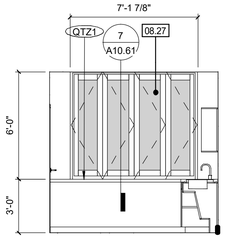
CITY W.O. NO.
CIP 2018-31

DRAWING NO.
A8.14
SHEET 76 OF 294

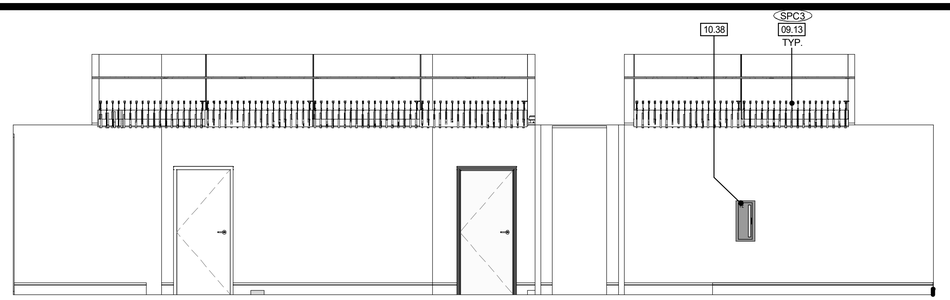
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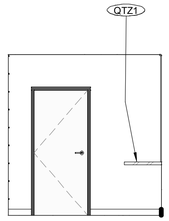
12 A8.21 CONCESSION/STORAGE - WEST
1/4" = 1'-0"



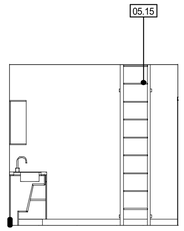
10 A8.21 CONCESSION/STORAGE - SOUTH
1/4" = 1'-0"



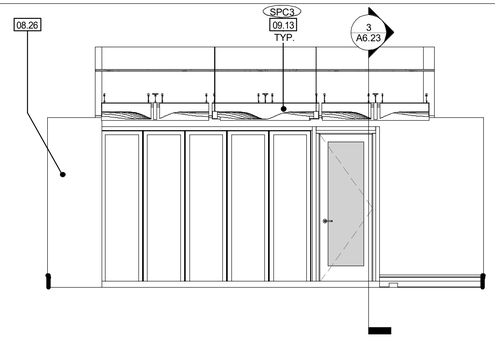
4 A8.21 MULTIPURPOSE ROOM - EAST
1/4" = 1'-0"



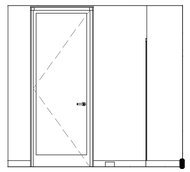
11 A8.21 CONCESSION/STORAGE - EAST
1/4" = 1'-0"



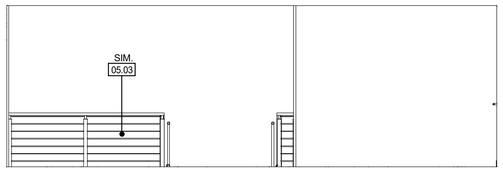
9 A8.21 CONCESSION/STORAGE - NORTH
1/4" = 1'-0"



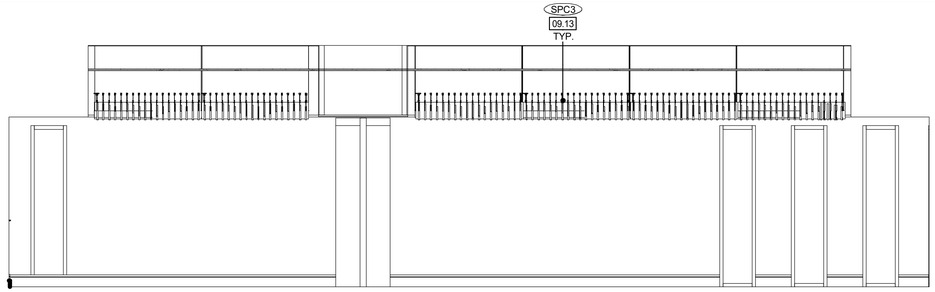
3 A8.21 MULTIPURPOSE ROOM - SOUTH
1/4" = 1'-0"



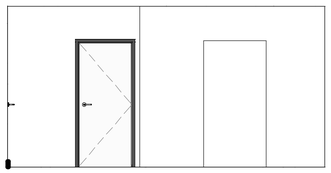
8 A8.21 2ND FLOOR LOBBY - SOUTH
1/4" = 1'-0"



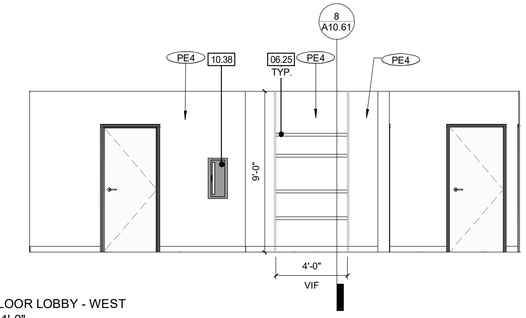
6 A8.21 2ND FLOOR LOBBY - EAST
1/4" = 1'-0"



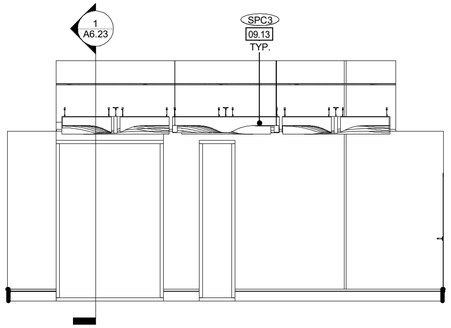
2 A8.21 MULTIPURPOSE ROOM - WEST
1/4" = 1'-0"



7 A8.21 2ND FLOOR LOBBY - NORTH
1/4" = 1'-0"



5 A8.21 2ND FLOOR LOBBY - WEST
1/4" = 1'-0"



1 A8.21 MULTIPURPOSE ROOM - NORTH
1/4" = 1'-0"

Keynotes:

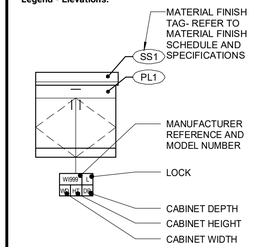
05.03	STEEL GUARDRAIL. SEE DETAIL 7/A10.91
05.15	ROOF LADDER
06.25	DISPLAY SHELVES
08.26	SLIDING STOREFRONT SYSTEM
08.27	BI-FOLD TRANSACTION WINDOW
09.13	SUSPENDED ACOUSTICAL CEILING
10.38	RECESSED FIRE EXTINGUISHER CABINET, REFER TO DETAILS 12 & 13/A10.71

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date **Aug 22, 2025**

Notes:

Legend - Elevations:



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INTERWEST
Approved
08/01/2025 3:22:06 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32852
REN. 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - 2ND FLOOR - INTERIOR ELEVATIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

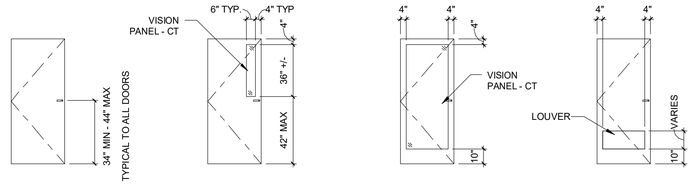
DRAWING NO.: **A8.21**
SHEET 77 OF 294

Please Recycle

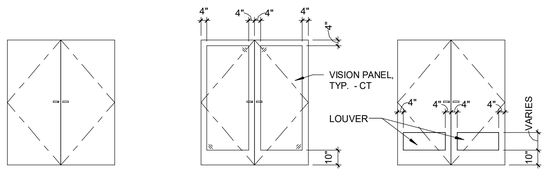
DOOR TYPE LEGEND

PNL-F- XX

- XX: DOOR PANEL MATERIAL /FINISH - SEE LEGEND
- PNL-F-: DOOR PANEL TYPE - SEE BELOW



PNL-F | PNL-N | PNL-FG | PNL-L



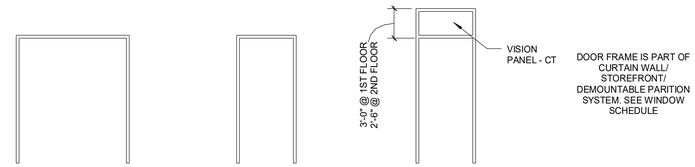
PNL-F | PNL-FG | PNL-L

REFER TO DOOR SCHEDULE FOR PANIC HARDWARE AND HARDWARE GROUP

DOOR FRAME LEGEND

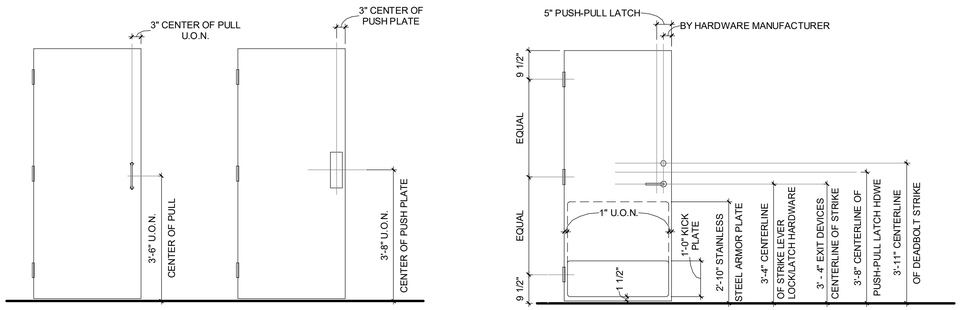
FRM-##XX

- XX: DOOR FRAME MATERIAL / FINISH - SEE LEGEND
- ##: DOOR FRAME TYPE - SEE BELOW



FRM-00HM | FRM-00HM | FRM-10HM | FRM-00AL | FRM-50AL

TYPICAL FINISH HARDWARE



NOTES:

1. KICK AND ARMOR PLATES TO BE 1/2" FROM EDGE OF DOOR LEAVES FOR PAIR OF DOORS.
2. ARMOR PLATE AFFIXED TO FIRE RATED DOOR SHALL BE LABELED.

DOOR SCHEDULE

DOOR NUMBER	SIZE WIDTH PANEL 1	SIZE WIDTH PANEL 2	SIZE HEIGHT	DOOR TYPE	FRAME TYPE	FIRE RATING (MINUTES)	HARDWARE GROUP	PANIC HARDWARE	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	COMMENTS
1ST FLOOR												
100A	3'-0"		8'-9"	PNL-FG-AL :	FRM-01AL(CW)	45	2.0		11/A10.23	10/A10.23		
100B	3'-0"		8'-9"	PNL-FG-AL :	FRM-01AL(CW)	45	2.0		11/A10.23	10/A10.23		
100C	3'-0"		8'-9"	PNL-FG-AL :	FRM-01AL(CW)	45	2.0	Yes	11/A10.23	10/A10.23	1/A10.23	STOREFRONT DOOR
100D	3'-0"		8'-9"	PNL-FG-AL :	FRM-01AL(CW)	45	2.0	Yes	11/A10.23	10/A10.23	1/A10.23	STOREFRONT DOOR
100E	3'-0"		8'-9"			45			12/A10.23	12/A10.23		
100F	3'-0"		8'-9"						12/A10.23	12/A10.23		
100G						45						
100H	3'-0"		8'-9"									
100I	3'-0"		8'-9"									
100J	3'-0"		8'-9"			45						
100K	3'-0"		8'-9"									
100L						45						
100M	3'-0"		8'-9"									
100N	3'-0"		8'-9"									
101A								No			6/A10.23	NANAWALL 1ST FLOOR - 45 MIN RATED
101B								No			6/A10.23	NANAWALL 1ST FLOOR - 45 MIN RATED
101C	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	3.0	Yes	11/A10.23	10/A10.23	1/A10.23	
101D	3'-0"	3'-0"	8'-9"	PNL-FG-AL :	FRM-72ALb(CW)	45	1.0	Yes	5/A10.23	8/A10.23 - 9/A10.23	2/A10.23	
101E	3'-0"	3'-0"	8'-9"	PNL-FG-AL :	FRM-72ALb(CW)	45	1.0	Yes	5/A10.23	8/A10.23 - 9/A10.23	2/A10.23	
102A	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	12.0	No	5/A10.23	7/A10.23	2/A10.23	
102B	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	3.0	Yes	11/A10.23	10/A10.23	1/A10.23	
103	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	8.0	No	5/A10.23	7/A10.23	2/A10.23	
104	4'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	4.0	No	11/A10.23	10/A10.23	1/A10.23	
105	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	17.0	No	5/A10.23	7/A10.23	2/A10.23	
106	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	7.0	No	5/A10.23	7/A10.23	2/A10.23	
107A	3'-0"	3'-0"	7'-0"	PNL-F-HM	FRM-00HM1	45	6.0	No	5/A10.23	7/A10.23	2/A10.23	
107B	3'-0"	3'-0"	7'-0"	PNL-F-HM	FRM-00HM1	45	6.0	No	5/A10.23	7/A10.23	2/A10.23	
108	3'-0"	3'-0"	7'-0"	PNL-F-HM	FRM-00HM1	45	6.0	No	5/A10.23	7/A10.23	2/A10.23	
109A	3'-0"	3'-0"	8'-9"	PNL-FG-AL :	FRM-72ALb(CW)	45	1.0	Yes	11/A10.23	10/A10.23	1/A10.23	
109B	3'-0"	3'-0"	8'-9"	PNL-FG-AL :	FRM-72ALb(CW)	45	1.0	Yes	11/A10.23	10/A10.23	1/A10.23	
109C	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1		12.0	No	5/A10.23	7/A10.23	2/A10.23	
109D	3'-0"	3'-0"	7'-0"	PNL-F-HM	FRM-00HM1	45	6.0		5/A10.23	7/A10.23		
110A	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	13.0	No	5/A10.23	7/A10.23	2/A10.23	
110B	3'-2"		9'-1"	PNL-FG-AL :	FRM-00AL(CW)	45	2.0	Yes	11/A10.23	10/A10.23	1/A10.23	
111	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1		10.0	No	5/A10.23	7/A10.23	2/A10.23	
111A	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1		10.0	No	5/A10.23	7/A10.23	2/A10.23	
112	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	15.0	No	12/A10.23	12/A10.23	2/A10.23	
114	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	9.0	No	5/A10.23	7/A10.23	2/A10.23	
115	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1		7.0	No	5/A10.23	7/A10.23	2/A10.23	
116	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	18.0	No	5/A10.23	7/A10.23	2/A10.23	
117	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	18.0	No	5/A10.23	7/A10.23	2/A10.23	
118	3'-0"		8'-9"	PNL-FG-AL :	FRM-00AL(CW)	45	2.0	Yes	11/A10.23	10/A10.23	1/A10.23	
121	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	7.0	No	5/A10.23	7/A10.23	2/A10.23	
122	3'-0"		7'-0"	PNL-FG-AL	FRM-00AL(CW)	45			15/A10.23	14/A10.23	13/A10.23	60-MIN RATED FRAME - REF. 122 ON A9.21
123								Yes				EXTERIOR STAIR GATE
124								No				TRASH ENCLOSURE GATE
125								No				TRASH ENCLOSURE GATE
126								No				TRASH ENCLOSURE GATE
2ND FLOOR												
200A	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	12.0	No	11/A10.23	10/A10.23	1/A10.23	
200B								No			6/A10.23	NANAWALL 2ND FLOOR - 45 MIN RATED
200C	3'-0"		8'-5"	PNL-FG-AL	FRM-01AL(CW)	45	2.0	Yes	11/A10.23	10/A10.23	1/A10.23	
201	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	8.0	No	5/A10.23	7/A10.23	2/A10.23	
202	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	15.0	No	5/A10.23	7/A10.23	2/A10.23	
203	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	15.0	No	5/A10.23	7/A10.23	2/A10.23	
204	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	15.0	No	5/A10.23	7/A10.23	2/A10.23	
205	3'-2"		8'-9"	PNL-FG-AL :	FRM-00AL(CW)	45	2.0	Yes	11/A10.23	10/A10.23	1/A10.23	

DOOR MATERIAL/FINISH LEGEND

A	ALARM CONTACT
AL	ALUMINUM
ADG-1	ACOUSTIC DOOR GASKET
AO	AUTOMATIC DOOR OPERATOR
CA	CLEAR ANODIZED
CL	COMBO LOCK
CR	CARD READER
CT	CLEAR TEMPERED GLAZING
CW	CURTAIN WALL
DE	DOUBLE EGRESS
EB	"PUSH TO EXIT" EMERGENCY BUTTON
EL	ELECTRICAL LOCK
ET	ENTRY TELEPHONE
FF	FACTORY FINISHED
FRG	FIRE RATED GLASS
FRG/	FIRE RATED GLASS & FRAMING
GL	GLASS
HB	HELP BUTTON
HM	HOLLOW METAL
IC	INTERCOM
IG	INSULATING GLASS
IP	INFILL PANEL
KD	KNOCK DOWN FRAME
LA	LOCAL ALARM
M	MONITOR
MG	MIRROR GLASS
MHO	MAGNETIC HOLD OPEN
NR	NOT RATED
PB	PANIC BAR
PL	PRIVACY LOCK
PL#	PLASTIC LAMINATE
PP	PUSH PLATE (# OF PLATES)
PT	PAINT (FACTORY FINISH ALL WOOD DOORS TYPICAL, FIELD PAINT H.M. DOOR AND FRAME
REX	REQUEST TO EXIT MOTION SENSOR
RF	RF COPPER SHIELDED NON-FERROUS SYSTEM
S	STAIN GRADE WOOD VENEER
SC	SOLID CORE
SG	SAFETY GLASS
SHD	SHIELDED DOOR FRAME / GLASS. LEAD REQUIREMENTS TO MATCH ADJACENT WALL U.O.N.
SPG	SPANDREL GLASS
STL	STEEL
SM	SMOKE BARRIER SEAL (NON-RATED DOOR W/ TIGHT FITTING SMOKE GASKET)
UC	UNDERCUT
VP	VISION PANEL
WF	WELDED STEEL FRAME
WG	WIRE GLASS
WD	WOOD
WS	WAVE SENSOR

INTERWEST — A NAVIGANT COMPANY
Approved
08/01/2025 3:22:06 PM

Keynotes:

Notes:

1. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

2. NANAWALL DOORS ON 1ST AND 2ND FLOOR SHALL COMPLY WITH ALL THE FOLLOWING CRITERIA FROM CBC 2022 1010.3.3:

2.1 - THE DOORS SHALL BE OPENABLE BY A SIMPLE METHOD WITHOUT SPECIAL KNOWLEDGE OR EFFORT FROM THE EGRESS SIDE OR SIDES.

2.2 - THE FORCE REQUIRED TO OPERATE THE DOOR SHALL NOT EXCEED 30 POUNDS (133 N) TO SET THE DOOR IN MOTION AND 15 POUNDS (67 N) TO CLOSE THE DOOR OR OPEN IT TO THE MINIMUM REQUIRED WIDTH.

2.3 - THE DOOR SHALL BE OPENABLE WITH A FORCE NOT TO EXCEED 15 POUNDS (67 N) WHEN A FORCE OF 250 POUNDS (1100 N) IS APPLIED PERPENDICULAR TO THE DOOR ADJACENT TO THE OPERATING DEVICE.

2.4 - THE DOOR ASSEMBLY SHALL COMPLY WITH THE APPLICABLE FIRE PROTECTION RATING AND, WHERE RATED, SHALL BE SELF CLOSING OR AUTOMATIC CLOSING BY SMOKE DETECTION IN ACCORDANCE WITH 2.6 - SECTION 716.2.6.6, SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 80 AND SHALL COMPLY WITH SECTION 716.

3. REFER TO SPECS SECTION 08 71 00 FOR DOOR HARDWARE INFORMATION.

4. THRESHOLDS AT DOORWAYS, SHALL BE 1/2 INCH (12.7 MM) HIGH MAXIMUM.

5. LATCHING, OR LOCKING, DOORS IN A PATH OF TRAVEL ARE OPERATED WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.

6. HARDWARE SHALL BE 34 INCHES (864 MM) MINIMUM AND 44 INCHES (1118 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

Santee — WE MOVE & BUILD FAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date **Aug 22, 2025**

LICENSED ARCHITECT — KYLE G. PETERSON — C-32052 — REN. 05/31/27 — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

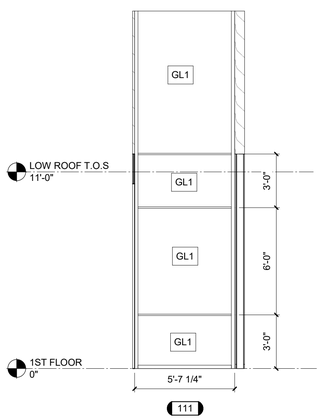
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A9.11
	SHEET 78 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

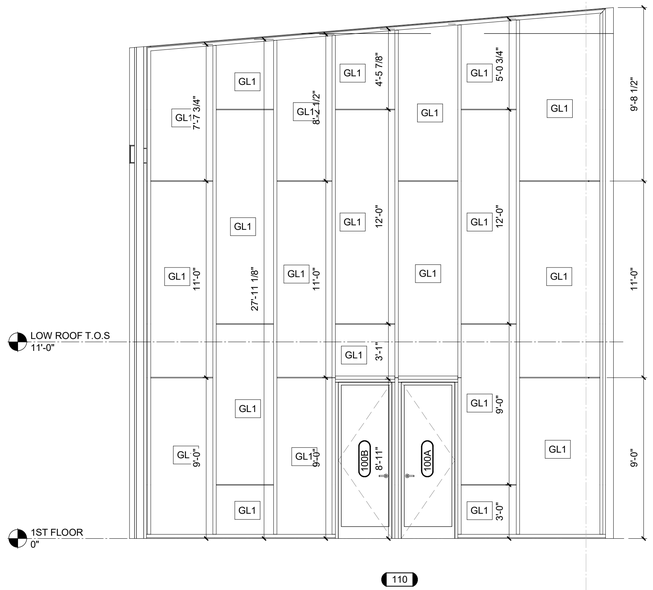
SANTEE COMMUNITY CENTER - DOOR SCHEDULE

Please Recycle

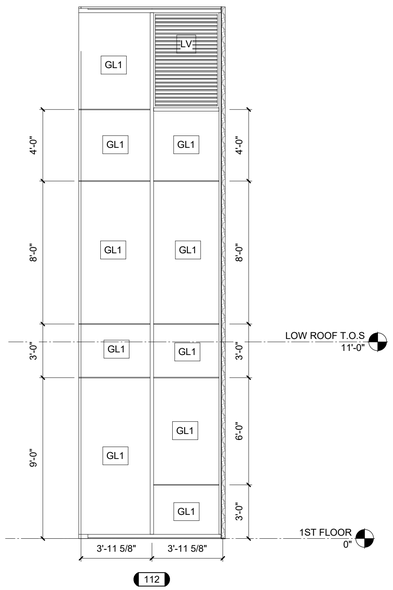
4



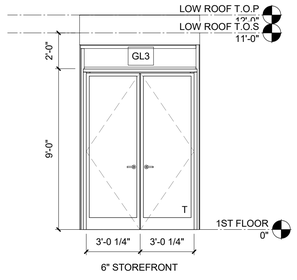
111
10" CURTAIN WALL



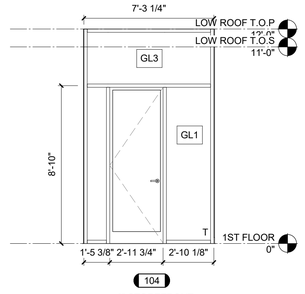
110
10" CURTAIN WALL



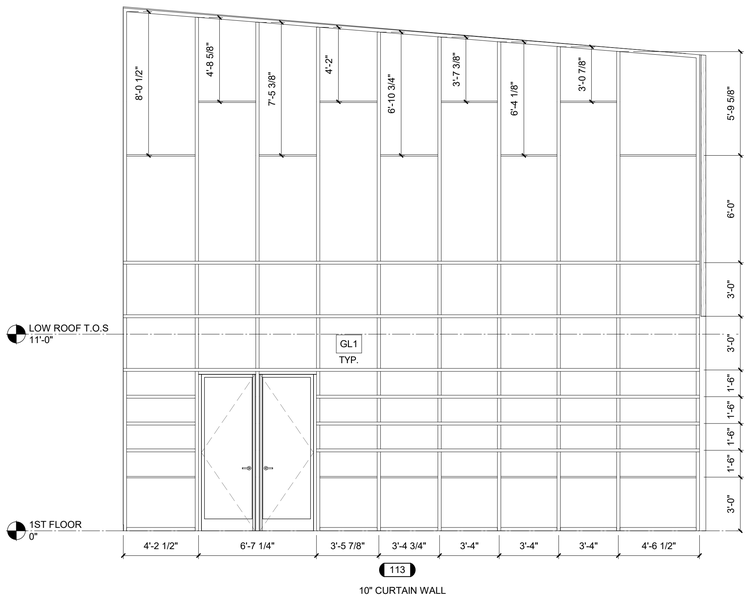
112
10" CURTAIN WALL



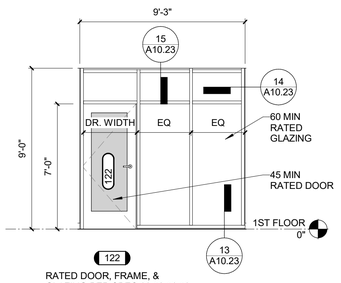
6" STOREFRONT



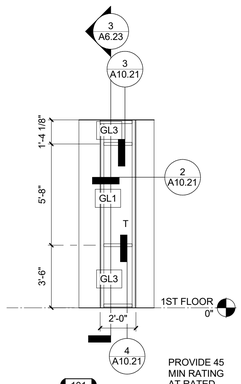
104
6" STOREFRONT



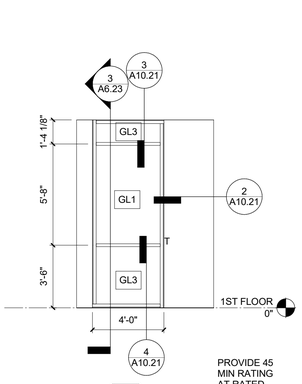
113
10" CURTAIN WALL



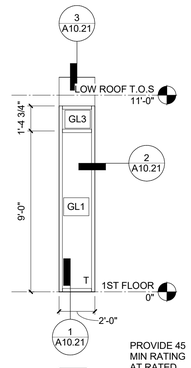
122
RATED DOOR, FRAME, &
GLAZING PER SPEC 08 12 16.13



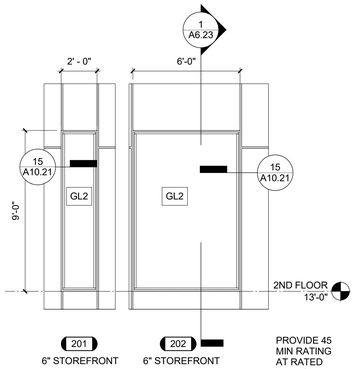
101
6" STOREFRONT
PROVIDE 45 MIN RATING AT RATED WALLS PER G1.21



102
6" STOREFRONT
PROVIDE 45 MIN RATING AT RATED WALLS PER G1.21



103
6" STOREFRONT
PROVIDE 45 MIN RATING AT RATED WALLS PER G1.21



201
6" STOREFRONT

202
6" STOREFRONT

PROVIDE 45 MIN RATING AT RATED WALLS PER G1.21

Keynotes:

Santee
DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:06 PM

NOTES

VERIFY ALL DIMENSIONS ON FIELD PRIOR TO INSTALLATION

LEGEND

GL1	1" CLEAR **TEMPERED** INSULATED GLASS UNITS TEMPERED GLAZING COMPLYING WITH CPSC 16 CFR PART 1201 PER CBC 2406
GL2	1" FRITTED INSULATED GLASS UNITS
GL3	1" CLEAR INSULATED GLASS UNITS W/ SHADOW BOX - SEE
LV	LOUVER

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN: 05/31/27
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - WINDOW SCHEDULE

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A9.21
	SHEET 79 OF 294

1.01 SCHEDULE OF CONCRETE FINISHES

A. 03 35 43 – Polished Concrete Finishing

1. **CONC1** – Polished Concrete Floor:
   a. Gloss Level: Level 1 – Low Gloss
   b. Surface Class: Class A/ Cream Finish

2. **CONC2** – Sealed Concrete Floor:
   a. Manufacturer: Refer to Arch. Spec.
   b. Style: Smooth
   c. Color: Clear
   d. Finish: Clear Sealed

1.02 SCHEDULE OF MASONRY FINISHES

NOTE: REFER TO SPECIFICATION SECTION 04 22 00 FOR CONCRETE UNIT MASONRY

A. 04 43 13.16 – Adhered Stone Masonry Veneer

1. **ST-1** – Stone Veneer:
   a. Manufacturer: Buechel Stone
   b. Color: Earthwood Tallored Ledge Stone

2. Mortar:
   a. Sand: Natural
   b. Pigment: Gray

1.03 SCHEDULE OF WOOD, PLASTICS, AND COMPOSITES

A. 06 41 00 – Architectural Wood Casework

1. **PL1** – Plastic Laminate:
   a. Manufacturer: Formica
   b. Color: Grayed Oak 5791
   c. Finish: Matte 58

2. **WD2** – Wood Moulding:
   a. Manufacturer: Windfall
   b. Species: Douglas Fir
   c. Finish: Clear

B. 06 64 00 – Plastic Paneling

1. **FRP1** - Fiberglass Reinforced Panel:
   a. Manufacturer: Marlite
   b. Color: White S 100G
   c. Finish: Smooth
   d. Size: 4' x 8' x 3/32"
   e. Location: refer to finish plans

1.04 SCHEDULE OF THERMAL AND MOISTURE PROTECTION

A. 07 42 46.16 – Fiber Cement Wall Panels

1. **FC1** – Fiber Cement Cladding:
   a. Manufacturer: Nichiha
   b. Style: Vintage Wood
   c. Color: Spruce

2. **FC2** – Fiber Cement Cladding:
   a. Manufacturer: Nichiha
   b. Color: Industrial Block

1.05 SCHEDULE OF OPENING FINISHES

A. 08 11 13 – Hollow Metal Doors and Frames

1. Exterior Doors and Frames
   a. Finish: Painted
   b. Color: to match adjacent wall color
2. Interior Doors and Frames
   a. Finish: Painted
   b. Color: to match adjacent wall color

B. 08 14 16 – Flush Wood Doors

1. **FWD1** - Wood:
   a. Species: White Birch
   b. Cut: Plain Sliced
   c. Stain / Finish: Clear

C. 08 41 13 – Aluminum-Framed Entrances and Storefronts

1. Aluminum Famed Entrance and Storefront:
   a. Manufacturer: Per Arch. Spec.
   b. Finish: Clear Anodized

D. 08 44 00 – Curtain Wall and Glazed Assemblies

1. **CW1** – Curtain Wall:
   a. Manufacturer: Per Arch. Spec.
   b. Finish: Clear Anodized

1.06 SCHEDULE OF INTERIOR FINISHES

A. 09 30 00 – Tiling

1. **CTB1** – Aluminum Cove Shaped Profile:
   a. Manufacturer: Schluter
   b. Style: DILEX-AHK 1S 100 AE
   c. Color: Satin Anodized Aluminum

2. **CT1** – Porcelain Wall Tile:
   a. Manufacturer: Daltile
   b. Style: Slimlite Porcelain Panels
   c. Collection: Coastline
   d. Color: Beach TP35 (3)
   e. Finish: Satin
   f. Size: 39" x 59" x 3.5mm
   g. Installation Method: TBD
      h. Grout:
      1. Manufacturer: TBD
      2. Color: TBD

3. **CT2** - Ceramic Wall Tile:
   a. Manufacturer: Daltile
   b. Style: Mesmerist
   c. Color: Charm MM32
   d. Finish: Glossy
   e. Size: 3" x 12" x 5/16"
   f. Installation Method: Vertical Ashlar Pattern
      g. Grout:
      1. Manufacturer: TBD
      2. Color: TBD

4. **CT3** - Porcelain Floor Tile:
   a. Manufacturer: TileBar
   b. Style: Chips Macro
   c. Color: Azur
   d. Finish: Matte
   e. Size: 8" x 8" x 8.5mm
      f. Grout:
      1. Manufacturer: TBD
      2. Color: TBD

B. 09 51 13 – Acoustical Panel Ceilings

1. **ACT1** - Acoustic Ceiling System:
   a. Panel:
      1. Manufacturer: Armstrong Ceilings
      2. Style: Ultima 1952
      3. Size: 24" x 24" x 3/4"
      4. Edge: 9/16" Beveled Tegular
      5. Color: White
   b. Suspension System (Section 09 53 23)
      1. Manufacturer: Armstrong Ceilings
      2. Style: 9/16" Suprafine
      3. Color: White

C. 09 54 23 – Linear Metal Ceilings

1. **SPC1** - Linear Metal Ceiling System (interior):
   a. Panel:
      1. Manufacturer: Armstrong Ceilings
      2. Style: Metalworks Linear – Synchro
      3. Item Number: 8223W04 M1 FXMA
      4. Color: Effects Macadamia
      5. Size: (nominal) 96" x 4" x 1"
      6. Perforation: M1

2. **SPC2** – Linear Metal Ceiling System (exterior):
   a. Panel:
      1. Manufacturer: Armstrong
      2. Style: Metalworks Linear - Synchro
      3. Item Number: 8223W04 M1 FXMA2
      4. Size: (nominal) 96" x 4" x 1"
      5. Finish: Effects Macadamia
      6. Perforation: M1

D. 09 78 13 - Metal Interior Wall Paneling

1. **AWP2** - Metal Interior Wall Paneling (interior/exterior):
   a. Panel:
      1. Manufacturer: Armstrong Ceilings
      2. Style: Metalworks Linear – Synchro Walls
      3. Item Number: 8223W04 M1 FXma
      4. Color: Effects Macadamia
      5. Size: (nominal) 96" x 4" x 1"
      6. Perforation: M1

E. 09 84 36 - Sound-Absorbing Ceiling Units

1. **SPC3** - Acoustic Ceiling Baffle System:
   a. Baffles:
      1. Manufacturer: Acoufelt
      2. Style: Fan Ceiling Baffle
      4. Color: White WH12
      5. Size: TBD

2. **SPC4** - Acoustic Ceiling Baffle System:
   a. Baffles:
      1. Manufacturer: Focal Point
      2. Series: Aircore Bridge AUABG
      3. Style: Cantilever
      4. Color: Classic White CWH
      5. Size: 6'L x 8"H - 12" on center
      6. Cable Suspension: 24"
   b. Luminaire:
      1. Manufacturer: Focal Point
      2. Series: Seem 1 FSM1S
      3. Length: 35'-1"

3. **SPC5** - Acoustic Ceiling Baffle System:
   a. Luminaire:
      1. Manufacturer: Focal Point
      2. Series: Seem 1 Acoustic Direct/Indirect LED ASM1BS
      3. Shielding: DCRL
      4. Color: Classic White CWH
      5. Size: 8"H x 6'L
      6. Cable Suspension: 24"

F. 09 65 13 – Resilient Base and Accessories

1. **B1** – Rubber Base:
   a. Manufacturer: Tarkett
   b. Style: Millwork - Mandalay
   c. Color: Platinum
   d. Height: 6"H

1. **B2** – Rubber Base:
   a. Manufacturer: Tarkett
   b. Style: Millwork - Reveal
   c. Color: Platinum
   d. Height: 8"H

G. 09 65 43 – Linoleum Flooring

1. **L1** - Linoleum Flooring Tile:
   a. Manufacturer: Forbo
   b. Style: Marmoleum Linoleum
   c. Color: 2621 Dove Grey

H. 09 65 00 – Resilient Flooring

1. **RT1** – Resilient Tile:
   a. Manufacturer: Mannington
   b. Style: Spacia Stone SS5S2603
   c. Color: Gibson
   d. Size: 36" x 36"
   e. Wear Layer Thickness: 20 mil

2. **RT2** – Resilient Tile:
   a. Manufacturer: Mannington
   b. Style: Spacia Stone SS5S2594
   c. Color: Ceramic Flint
   d. Size: 36" x 36"
   e. Wear Layer Thickness: 20 mil

I. 09 68 13 – Tile Carpeting

1. **CPT1** - Carpet:
   a. Manufacturer: Interface
   b. Style: Viva Colores
   c. Color: 106049 Pedrusco
   d. Size: 50cm x 50cm
   e. Backing: GlasBac
   f. Installation: Quarter-turn

2. **CPT2** - Carpet:
   a. Manufacturer: Interface
   b. Style: Ice Breaker
   c. Color: 105773 Jetmist
   d. Size: 50cm x 50cm
   e. Backing: GlasBac
   f. Installation: Monolithic

J. 09 72 00 – Wall Coverings

1. **VWC1** - Wall Covering:
   a. Manufacturer: Designtex
   b. Style: 3M Di-Noc Wood Grain
   c. Color: WG-250 (MATCH METALWORKS)

K. 09 77 23 – Fabric-Wrapped Panels

1. **AWP1** - Wall Panels:
   a. Manufacturer: Lamvin
   b. Style: Eco Sonic
   c. Size: 4' x 10' x 1"
   d. Core Material: Glass-fiber board
      1. Fabric:
         a. Manufacturer: Designtex
         b. Style: Luma
         c. Color: Smoke

2. **AWP2** - Wall Panels:
   a. Manufacturer: Carnegie
   b. Collection: Xorel Artform
   c. Style: Ridge
   d. Size: Varies, refer to interior elevations
   e. Core Material: Mineral-fiber board
      1. Fabric:
         a. Manufacturer: Carnegie
         b. Style: Elite
         c. Color: 16

L. 09 77 49 – Compact Laminate Wall Paneling

1. **WD1** - Plastic Laminate Compact:
   a. Manufacturer: Formica
   b. Style: Grade F1 (Compact Laminate)
   c. Color: Grayed Oak 5791
   d. Finish: Matte 58
   e. Size: 48" x 96" x 0.5"
      1. Trim:
         f. Manufacturer: Fry Reglet
         g. Style: Millwork 1/4" Post Termination - MWPT2550
         h. Color: Clear Anodized Aluminum
         i. Size: ½" x 1/4" x 1-9/16"

M. 09 91 00 – Painting:

1. **PE1** – Paint - Eggshell Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Eggshell
   c. Color: DEW683 Cool December
   d. Note: All walls, ceilings, and soffits to be painted **PE1** unless noted otherwise.

2. **PS1** – Paint – Semi-Gloss Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Semi-Gloss
   c. Color: DEW683 Cool December
   d. Note: All ceilings and soffits to be painted **PS1** in all restrooms unless noted otherwise.

3. **PE2** – Paint - Eggshell Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Eggshell
   c. Color: DE6378 Jet

4. **PE3** – Paint - Eggshell Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Eggshell
   c. Color: DEC779 Woodlawn Green

5. **PE4** – Paint - Eggshell Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Eggshell
   c. Color: DEC782 Belize Green

6. **EP1** - Exterior Paint Color:
   a. Manufacturer: Dunn Edwards
   b. Color: Evershield – Almond Milk

1.07 SCHEDULE OF SPECIALTY FINISHES

A. 10 14 00 – Signage

1. Tactile Plastic Signs
   a. Manufacturer: ASI Signage Innovations
   b. Style: InTouch
   c. Font:
      1. Type: To be selected by Architect
      2. Color: White SC-901
   d. Background:
      1. Color: Charcoal MX09

2. Non-Tactile Plastic Signs:
   a. Manufacturer: ASI Signage Innovations
   b. Style: InTouch
   c. Font:
      1. Type: To be selected by Architect
      2. Color: White SC-901
   d. Background:
      1. Color: Charcoal MX09

3. Interior Metal Signs:
   a. Manufacturer: Gemini Signage
   b. Style: Flat Cut Metal
   c. Color/Finish: Aluminum Clear Anodized
   d. Size: Refer to interior elevations

4. Exterior Cast Illuminated Metal Signs:
   a. Manufacturer: Gemini Signage
   b. Style: Cast Metal Sign with LED back panel
   c. Font: Neutra Display Bold
   d. Color/Finish: Aluminum/ Clear Anodized
   e. Size: Refer to exterior elevations

B. 10 21 13 – Toilet Compartments

1. **TCP1** - Toilet Compartments:
   a. Manufacturer: Scranton
   b. Style: Aria Partitions – Modern 3000
   c. Color: Linen

1.08 SCHEDULE OF FURNISHING FINISHES

A. 12 24 13 – Roller Window Shades

1. **RS1** - Window Treatment Type 1: Solar Shade
   a. Manufacturer: Mariak
   b. Style: SheerWeave 2410
   c. Color: P13 Oyster/Beige
   d. Openess: 3%
      1. Fascia:
         a. Color: White

B. 12 35 59 – Display Casework

1. Display Cases:
   a. Manufacturer: B+N
   b. Style: Sorbetti 2.0
   c. Finish: Wood shelves
   d. Dimensions: Refer to interior elevations.

B. 12 36 00 – Countertops

1. **QTZ1** – Quartz Countertop:
   a. Manufacturer: Corian
   b. Color: Snow Flurry

C. 12 48 13 – Entrance Floor Mats and Frames

1. **EM1** – Entrance Mat:
   a. Manufacturer: Mannington Commercial
   b. Collection: Frixtion
   c. Style: Force
   d. Color: Kinetic 11360
   e. Size: 18" x 36"

END OF SECTION

Santee
SO HERE'S OUR EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

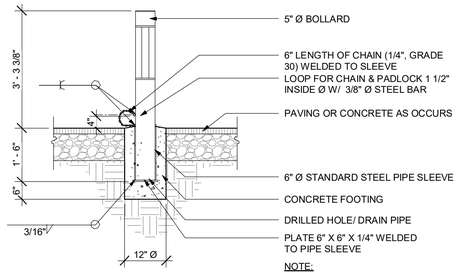
INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:06 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

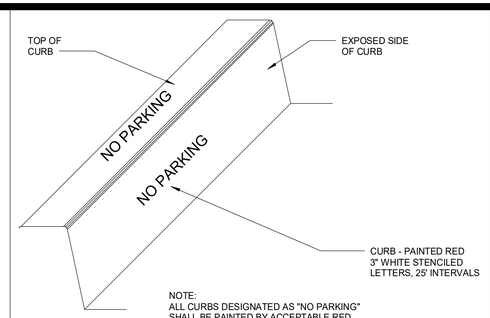
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED 08/26/2025	CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:								PG	PG	Checker		IMPROVEMENT PLANS FOR:		
INSPECTOR:							HORIZ:	PLANS PREPARED UNDER THE SUPERVISION OF			BY PROJECT ENGINEER	SANTEE COMMUNITY CENTER	CIP 2018-31	A9.22
DATE COMPLETED							VERT:	RCE NO.	DATE / EXPIRES					SHEET 80 OF 294

SANTEE COMMUNITY CENTER - FINISH SCHEDULE

Please Recycle



20 A10.01 REMOVABLE BOLLARD
1/2" = 1'-0"

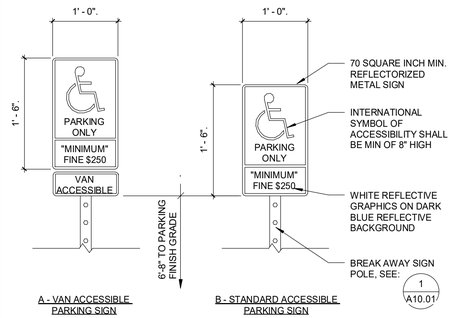


16 A10.01 NO PARKING CURB
1" = 1'-0"



32.016

12 A10.01 PAINTED TEXT MARKINGS
N.T.S.



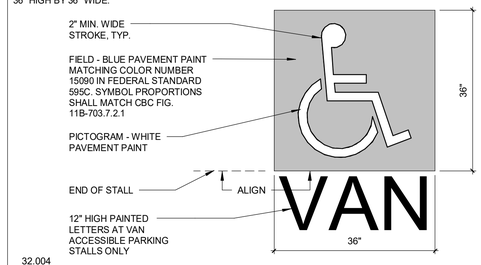
SIGN NOTES:

EACH PARKING SPACE RESERVED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON A DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA, AND WHEN IN A PATH OF TRAVEL, SHALL BE POSTED AT A MINIMUM HEIGHT OF 80" FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISH GRADE. SPACES COMPLYING WITH C.B.C. 11B-208 SHALL HAVE AN ADDITIONAL REFLECTORIZED SIGN STATING "VAN ACCESSIBLE" IN WHITE ON A DARK BLUE BACKGROUND MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY. DARK BLUE BACKGROUND COLOR SHALL BE EQUALL TO COLOR NUMBER 15090 IN FEDERAL STANDARD 595C. ALL LETTERING SHALL BE WHITE AND A MINIMUM OF 1" IN HEIGHT. SIGN SHALL NOT OBSTRUCT PASSAGE BETWEEN STALL AND ANY ACCESSIBLE WALKWAY. PROVIDE SIGNS ON BOTH SIDES OF POST WHERE REQUIRED. SEE SITE PLAN FOR LOCATIONS.

SYMBOL PROPORTIONS SHALL APPROXIMATE CBC FIGURE 11B - 703.7.2.1

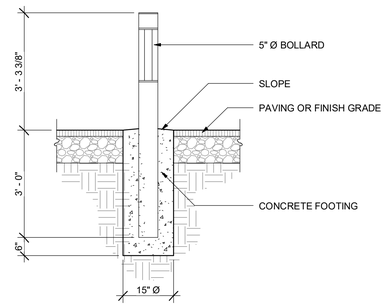
7 A10.01 ACCESSIBLE PARKING SIGNS
3" = 1'-0"

ACCESSIBLE SIGNS AND IDENTIFICATION SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE. THE SURFACE OF EACH ACCESSIBLE PARKING SPACE OR STALL SHALL HAVE A SURFACE IDENTIFICATION. THE PAVEMENT SYMBOL SHALL CONSIST OF A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON A BLUE BACKGROUND. THE PROFILE VIEW SHALL BE LOCATED SO THAT IT IS VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED IN THE SPACE AND SHALL BE 36" HIGH BY 36" WIDE.

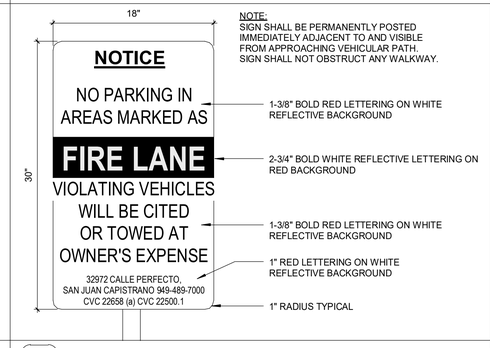


32.004

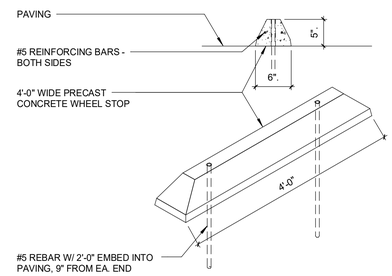
4 A10.01 ACCESSIBLE PARKING SYMBOL
3/4" = 1'-0"



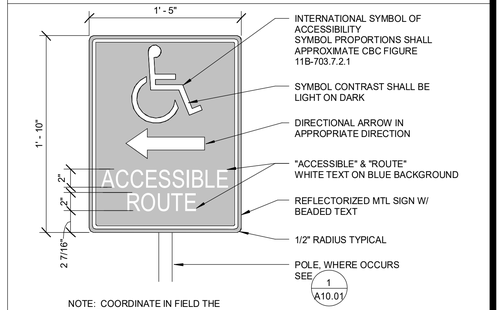
19 A10.01 FIXED BOLLARD
1/2" = 1'-0"



15 A10.01 FIRE LANE NO PARKING SIGN
1 1/2" = 1'-0"

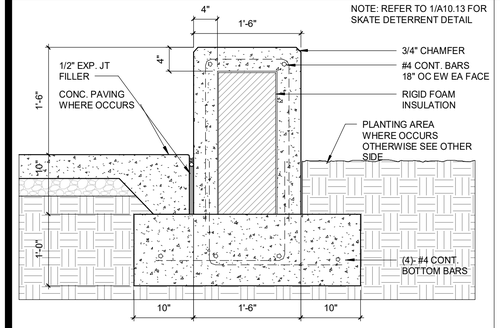


11 A10.01 WHEEL STOP
3/4" = 1'-0"

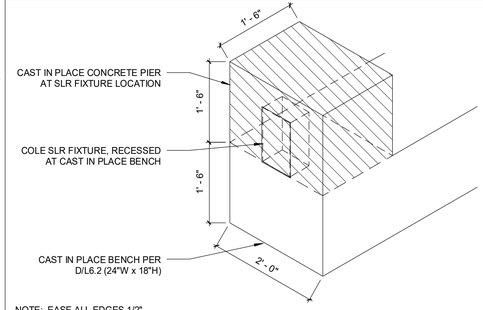


10.906

3 A10.01 ACCESSIBLE ROUTE SIGN
1 1/2" = 1'-0"

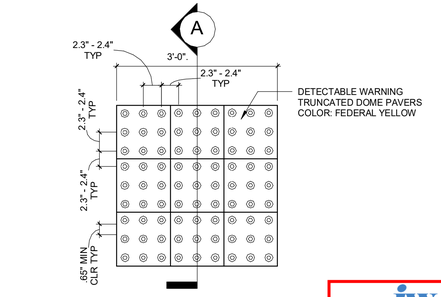


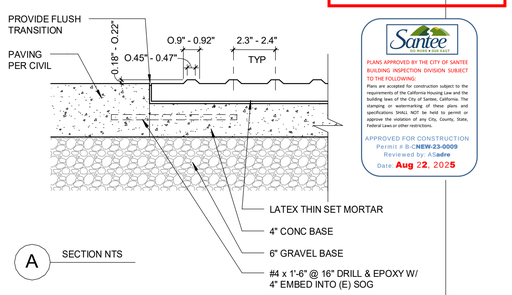
18 A10.01 CONCRETE BENCH
1" = 1'-0"



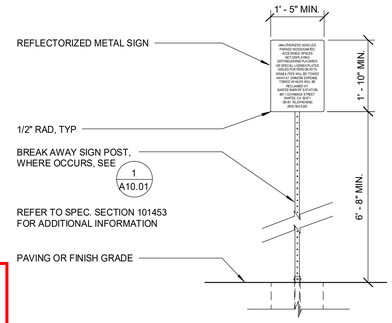
NOTE: EASE ALL EDGES 1/2"

14 A10.01 32.017 - CAST BENCH W FIXTURE
3/4" = 1'-0"





32.012



SIGN NOTES:

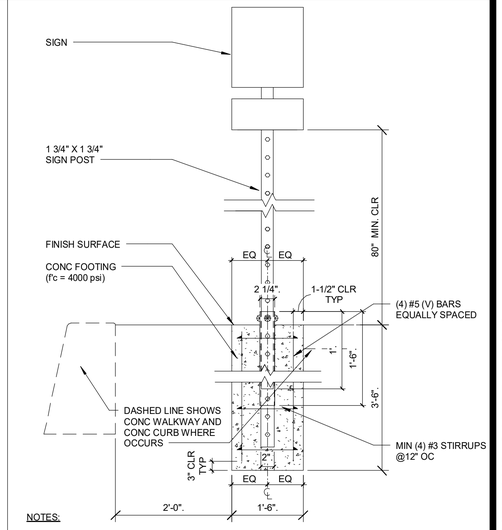
A REFLECTORIZED SIGN SHALL BE PERMANENTLY POSTED IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES, OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE. THE SIGN SHALL NOT BE LESS THAN 17" BY 22" IN SIZE WITH WHITE LETTERING NOT LESS THAN 1" IN HEIGHT ON A DARK BLUE BACKGROUND, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:

"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT: EL CAJON POLICE DEPARTMENT, 100 CIVIC CENTER WAY, EL CAJON, CA 92020 OR BY TELEPHONING (619) 579-3311"

RECLAMATION ADDRESS AND TELEPHONE NUMBER SHALL BE PROVIDED BY OWNER, VERIFIED BY CONTRACTOR, AND INCLUDED BY CONTRACTOR AS A PERMANENT PART OF THIS SIGN. DARK BLUE BACKGROUND COLOR SHALL BE EQUAL TO COLOR NUMBER 15090 IN FEDERAL STANDARD 595C. SIGN SHALL NOT OBSTRUCT PASSAGE BETWEEN STALL AND ANY ACCESSIBLE WALKWAY. SEE SITE PLAN FOR LOCATIONS.

10.904

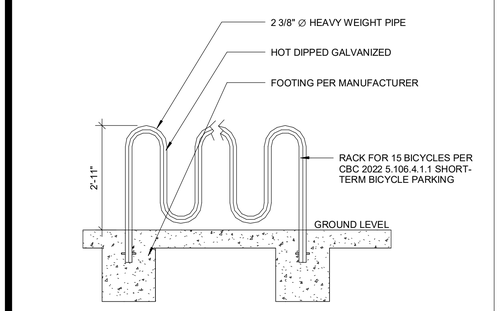
5 A10.01 TOW AWAY SIGN
1/2" = 1'-0"



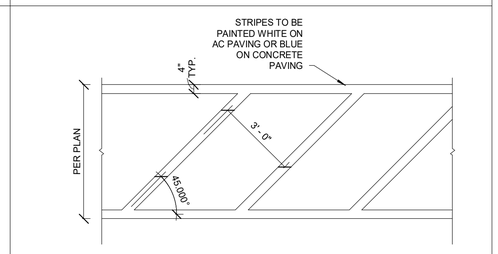
NOTES:

1. SIGNS SHALL BE LOCATED TWO (2) FEET FROM CURB FACE OR EDGE OF PAVEMENT.
2. SIGNS IN PUBLIC RIGHT-OF-WAY SHALL BE SUBJECT TO APPROVAL BY THE CITY OF SANTEE.
3. ALL CURBS DESIGNATED AS "NO PARKING" SHALL BE PAINTED BY ACCEPTABLE RED PAINT AS PREAPPROVED BY CITY OF EL CAJON.
4. SIGNS SHALL BE LOCATED ON PROPERTY IN SUCH A MANNER AS TO BE EASILY SEEN BY DRIVERS OF VEHICLES ENTERING THE PROPERTY.

1 A10.01 TYPICAL SIGN POST FOOTING
3" = 1'-0"



17 A10.01 BICYCLE RACK
1/2" = 1'-0"



32.003

13 A10.01 ACCESSIBLE AISLE STRIPING
3/8" = 1'-0"

INTERWEST
A SunGuard Company
Approved
08/01/2025 3:22:06 PM

Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: AGalea
Date: Aug 22, 2025

9 A10.01 TRUNCATED DOME PAVERS
1 1/2" = 1'-0"

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

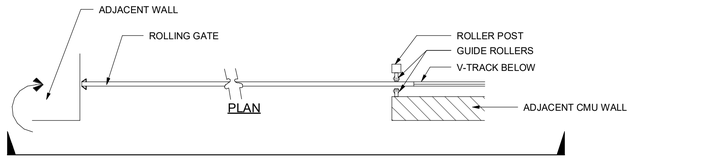
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A10.01
	SHEET 81 OF 294

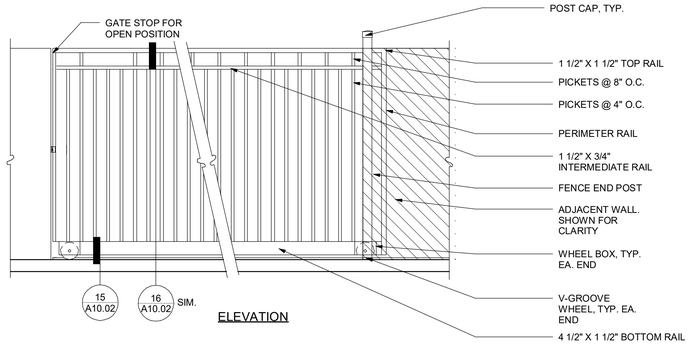
100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - SITE AND GATE DETAILS

Autodesk Docs://2290003000 City of Santee Community Center R24/2290003000-A-Santee Community Center.rvt

Please Recycle

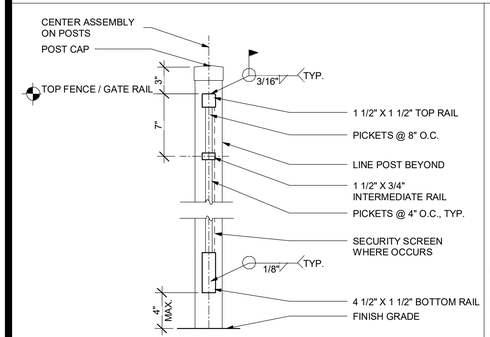




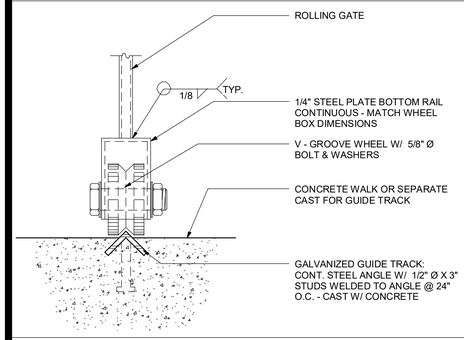
NOTE:

GALVANIZED STEEL BASE, POWDER COATED

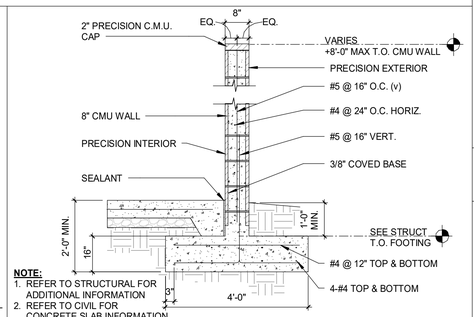
17 A10.02 ROLLING ORNAMENTAL METAL GATE
1/2" = 1'-0"



16 A10.02 SECTION
1 1/2" = 1'-0"

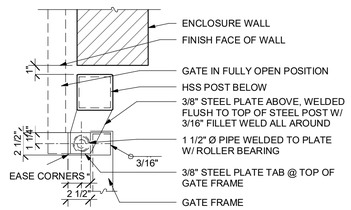


15 A10.02 ROLLING GATE WHEEL
3" = 1'-0"

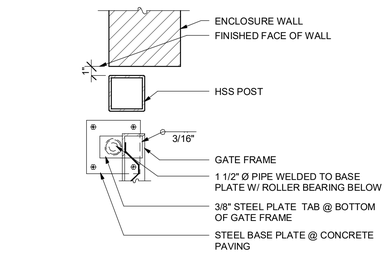


NOTE:
1. REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION
2. REFER TO CIVIL FOR CONCRETE SLAB INFORMATION
3. ADD ANTI-GRAFFITI COATINGS ON ALL EXTERIOR FACING MASONRY WALLS.

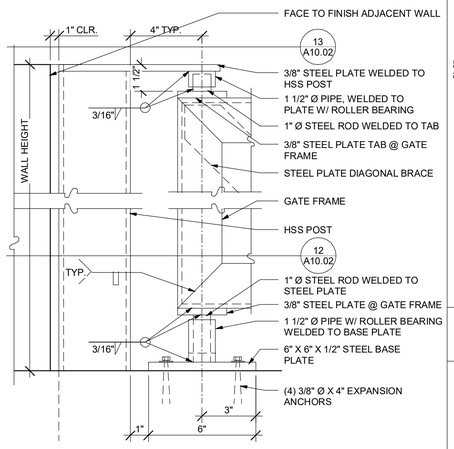
14 A10.02 CMU UTILITY ENCLOSURE WALL
1/2" = 1'-0"



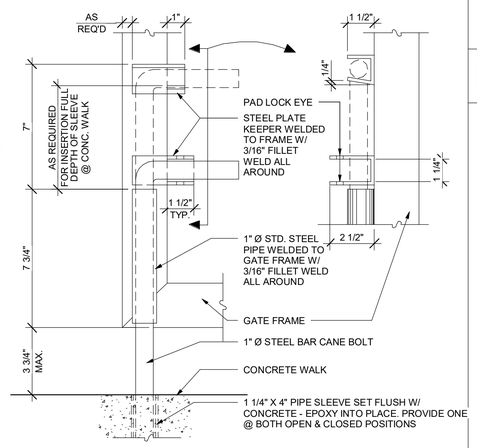
13 A10.02 UPPER PIVOT ASSEMBLY
1 1/2" = 1'-0"



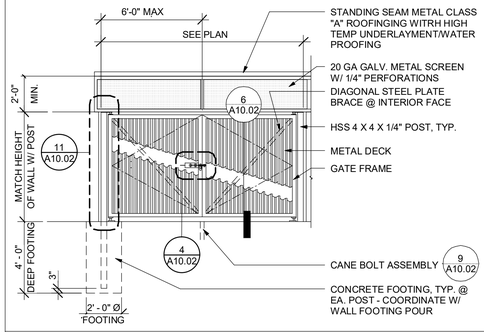
12 A10.02 LOWER PIVOT ASSEMBLY
1 1/2" = 1'-0"



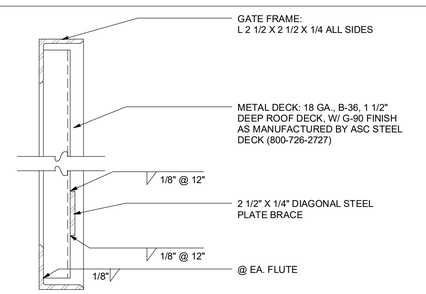
11 A10.02 GATE PIVOT ASSEMBLY
3" = 1'-0"



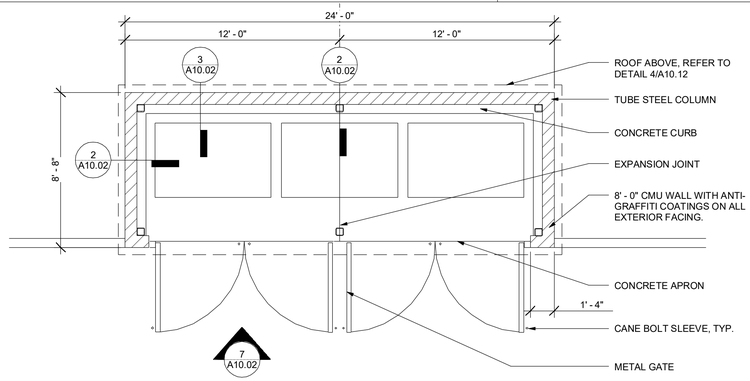
9 A10.02 CANE BOLT ASSEMBLY
3" = 1'-0"



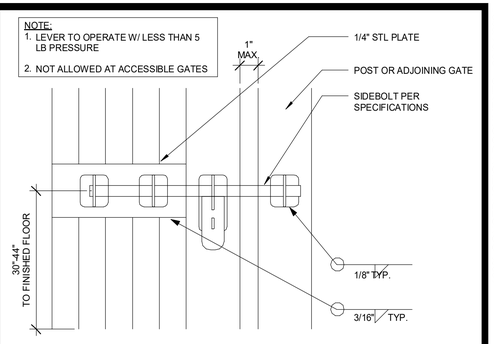
7 A10.02 GATE ELEVATION
1/4" = 1'-0"



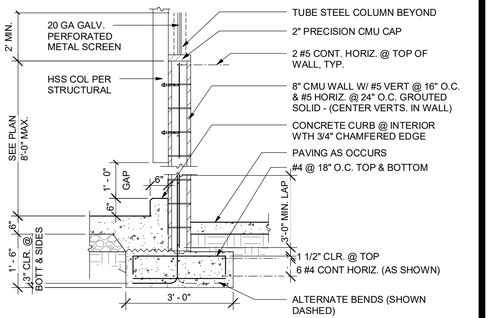
6 A10.02 GATE SECTION
3" = 1'-0"



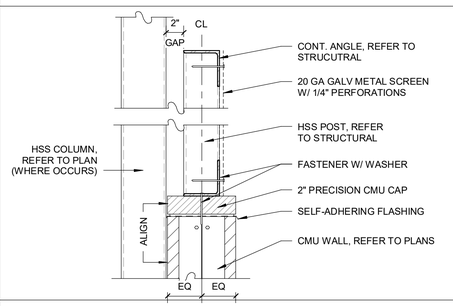
1 A10.02 TRASH ENCLOSURE
1/4" = 1'-0"



4 A10.02 METAL GATE LATCH
3" = 1'-0"



3 A10.02 TRASH ENCLOSURE WALL
1/2" = 1'-0"



2 A10.02 CMU TOP OF WALL @ METAL SCREEN
1 1/2" = 1'-0"

Santee
GO HIGH & DIG EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASandre
Date: Aug 22, 2025

INTERWEST
A KATERRA COMPANY
Approved
08/01/2025 3:22:06 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32852
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

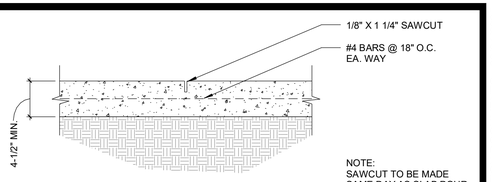
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: A10.02
SHEET 82 OF 294

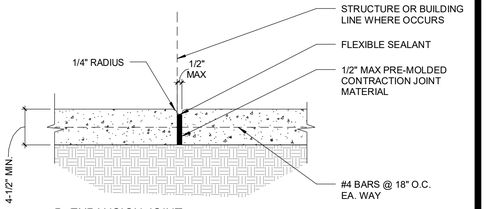
100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - SITE AND GATE DETAILS

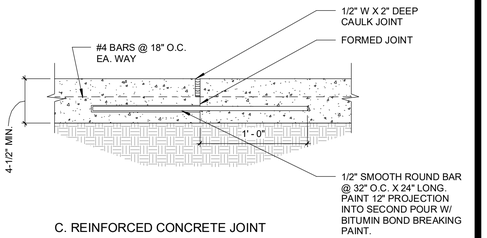
Please Recycle



A. SAWCUT CONTROL JOINT

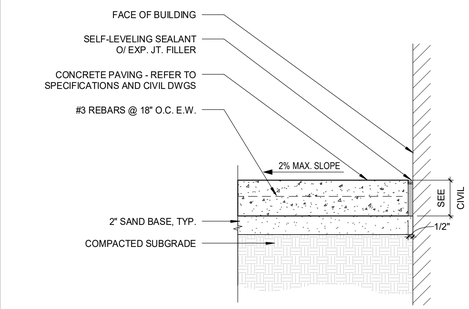


B. EXPANSION JOINT

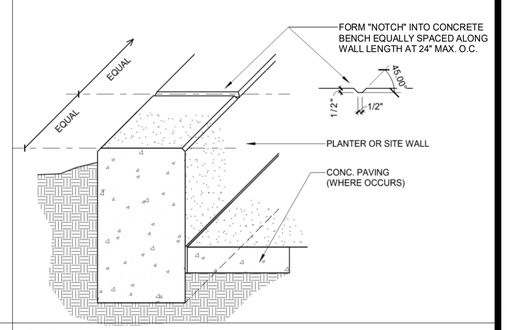


C. REINFORCED CONCRETE JOINT

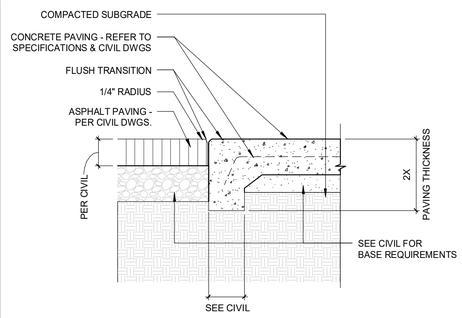
2 / A10.03 TYPICAL HARDSCAPE JOINTS
1 1/2" = 1'-0"



4 / A10.03 CONCRETE PAVING AT BLDG.
1 1/2" = 1'-0"



1 / A10.03 SKATE DETERRENT
3/4" = 1'-0"



3 / A10.03 CONCRETE PAVING @ ASPHALT
1 1/2" = 1'-0"

INTERWEST A RAFFELSIEF COMPANY
Approved
08/01/2025 3:22:06 PM

Santee
DO MORE. SEE LESS.

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

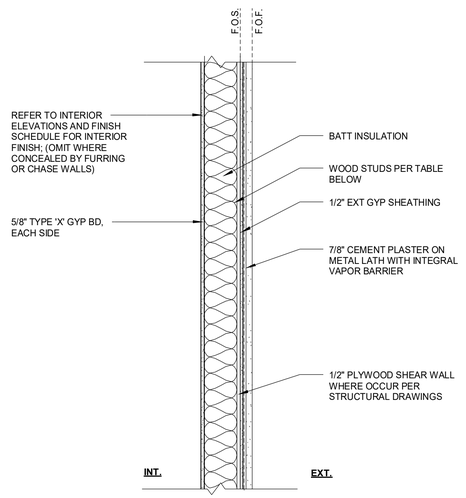
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A10.03**
SHEET 83 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

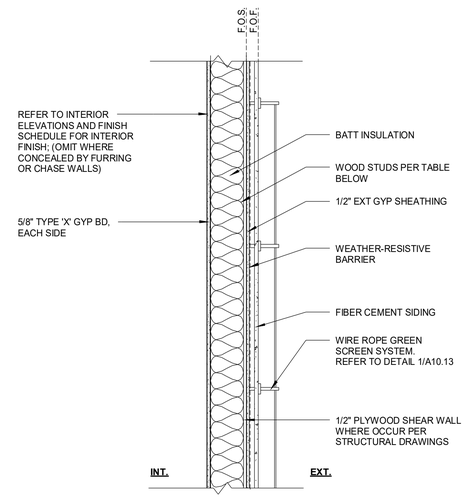
SANTEE COMMUNITY CENTER - SITE AND GATE DETAILS

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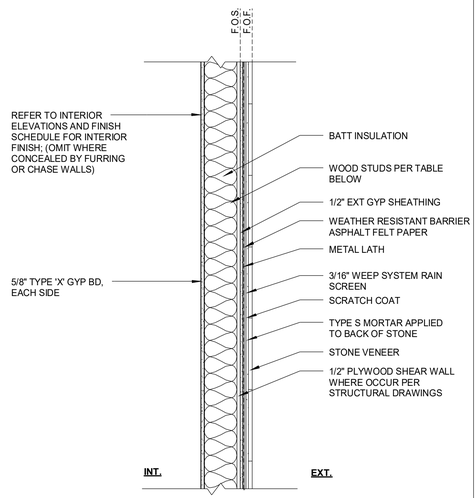
TAG	CORE PROPERTIES	FIRE	UL #
E-W6D	6" WOOD STUDS @ 16"OC	1 HR	U305

7 / A10.11 EXTERIOR WALL TYPE - D - PLASTER
NTS



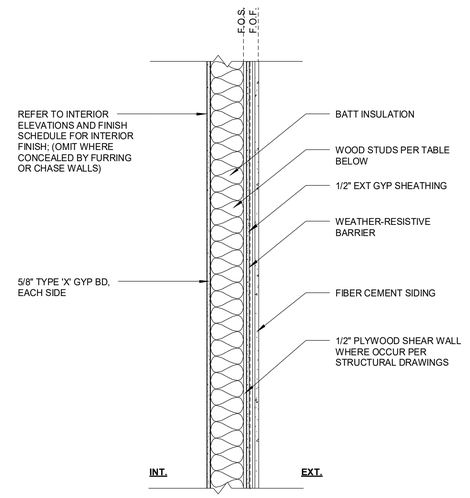
TAG	CORE PROPERTIES	FIRE	UL #
E-W6B	6" WOOD STUDS @ 16"OC	1 HR	U305

3 / A10.11 EXTERIOR WALL TYPE - B - FIBER CEMENT W/GREEN SCREEN
NTS



TAG	CORE PROPERTIES	FIRE	UL #
E-W6C	6" WOOD STUDS @ 16"OC	1 HR	U305

5 / A10.11 EXTERIOR WALL TYPE - C - STONE VENEER
NTS



TAG	CORE PROPERTIES	FIRE	UL #
E-W6A	6" WOOD STUDS @ 16"OC	1 HR	U305

1 / A10.11 EXTERIOR WALL TYPE - A - FIBER CEMENT SIDING
NTS

Santee
SO HERE • SUN DAILY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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Permit # B-C**NEW-23-0009**
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Date: **Aug 22, 2025**

INTERWEST
A NATIONAL COMPANY
Approved
08/01/2025 3:22:06 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____
PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

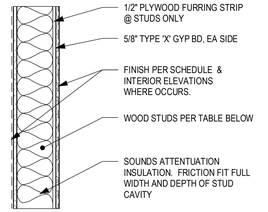
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A10.11**
SHEET 84 OF 294

SANTEE COMMUNITY CENTER - EXTERIOR WALL TYPES

Please Recycle

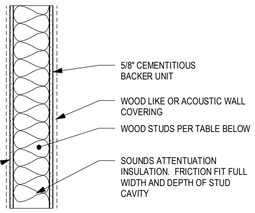
NOTES:
1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4G	4" WOOD STUDS @ 16"OC	N/A		NR
W6G	6" WOOD STUDS @ 16"OC	N/A		NR
W6G-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8G	8" WOOD STUDS @ 16"OC	N/A		NR

7 A10.11 INTERIOR WALL TYPE - G
NTS

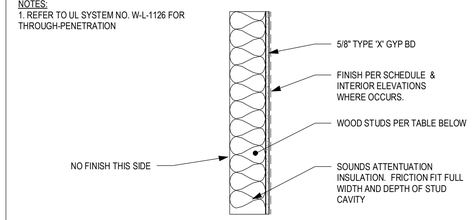
NOTES:
1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4C	4" WOOD STUDS @ 16"OC	N/A		NR
W6C	6" WOOD STUDS @ 16"OC	N/A		NR
W6C-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8C	8" WOOD STUDS @ 16"OC	N/A		NR

3 A10.11 INTERIOR WALL TYPE - C
NTS

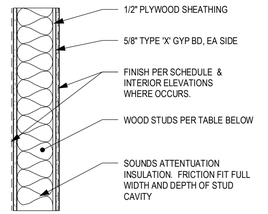
NOTES:
1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4J	4" WOOD STUDS @ 16"OC	N/A		NR
W6J	6" WOOD STUDS @ 16"OC	N/A		NR
W6J-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8J	8" WOOD STUDS @ 16"OC	N/A		NR

10 A10.11 INTERIOR WALL TYPE - J
NTS

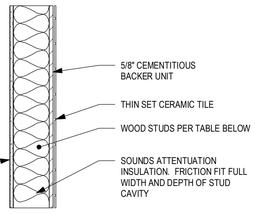
NOTES:
1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4F	4" WOOD STUDS @ 16"OC	N/A		NR
W6F	6" WOOD STUDS @ 16"OC	N/A		NR
W6F-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8F	8" WOOD STUDS @ 16"OC	N/A		NR

6 A10.11 INTERIOR WALL TYPE - F
NTS

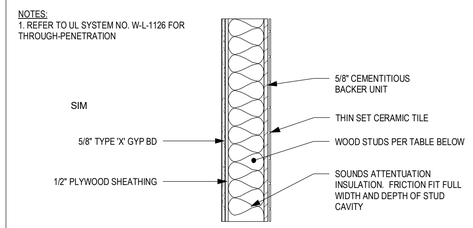
NOTES:
1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4B	4" WOOD STUDS @ 16"OC	N/A		NR
W6B	6" WOOD STUDS @ 16"OC	N/A		NR
W6B-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8B	8" WOOD STUDS @ 16"OC	N/A		NR

2 A10.11 INTERIOR WALL TYPE - B
NTS

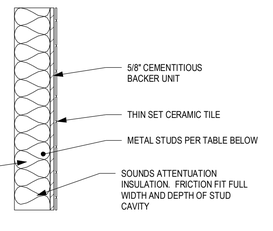
NOTES:
1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4J	4" WOOD STUDS @ 16"OC	N/A		NR
W6J	6" WOOD STUDS @ 16"OC	N/A		NR
W6J-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8J	8" WOOD STUDS @ 16"OC	N/A		NR

9 A10.11 INTERIOR WALL TYPE - I
NTS

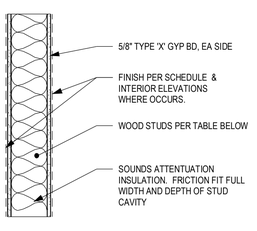
NOTES:
1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4E	4" WOOD STUDS @ 16"OC	N/A		NR
W6E	6" WOOD STUDS @ 16"OC	N/A		NR
W6E-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8E	8" WOOD STUDS @ 16"OC	N/A		NR

5 A10.11 INTERIOR WALL TYPE - E
NTS

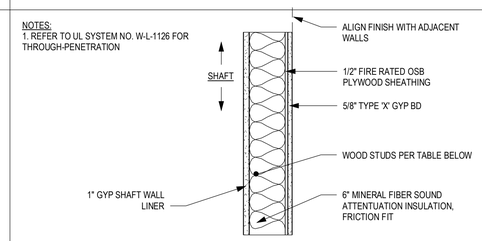
NOTES:
1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4A	4" WOOD STUDS @ 16"OC	N/A		NR
W6A	6" WOOD STUDS @ 16"OC	N/A		NR
W6A-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8A	8" WOOD STUDS @ 16"OC	N/A		NR

1 A10.11 INTERIOR WALL TYPE - A
NTS

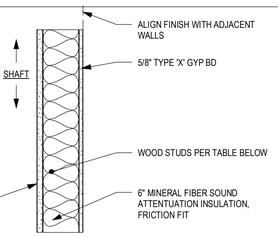
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1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4H	4" WOOD STUDS @ 16"OC	N/A		NR
W6H	6" WOOD STUDS @ 16"OC	N/A		NR
W6H-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8H	6" WOOD STUDS @ 16"OC	N/A		NR

8 A10.11 INTERIOR WALL TYPE - H
NTS

NOTES:
1. REFER TO UL SYSTEM NO. W-L-1126 FOR THROUGH-PENETRATION



TAG	CORE PROPERTIES	STC	UL #	FIRE
W4D	4" WOOD STUDS @ 16"OC	N/A		NR
W6D	6" WOOD STUDS @ 16"OC	N/A		NR
W6D-1	6" WOOD STUDS @ 16"OC	N/A	U305	1 HR
W8D	8" WOOD STUDS @ 16"OC	N/A		NR

4 A10.11 INTERIOR WALL TYPE - D
NTS

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Approved
08/01/2025 3:22:06 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____
PROJECT ENGINEER

CITY OF SANTEE
DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

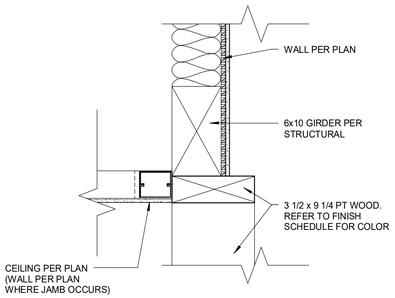
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: A10.12
SHEET 85 OF 294

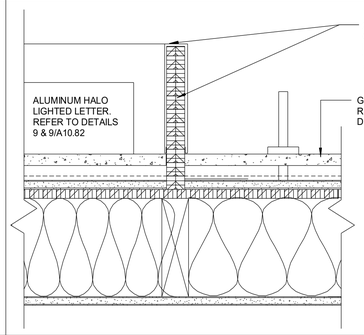
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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

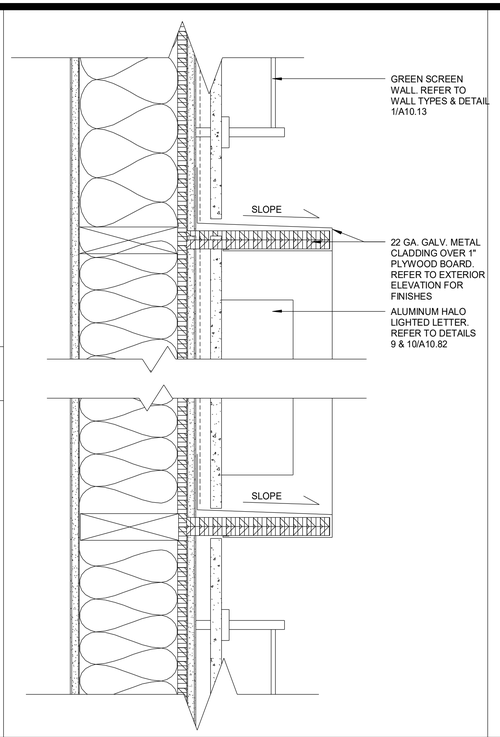
100% CONSTRUCTION DOCUMENTS - 03/31/2025



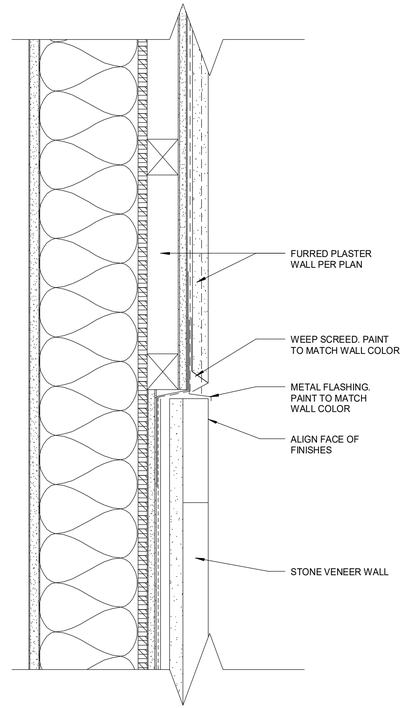
6 A10.13 LOBBY OPENING FRAME - HEAD
1 1/2" = 1'-0"



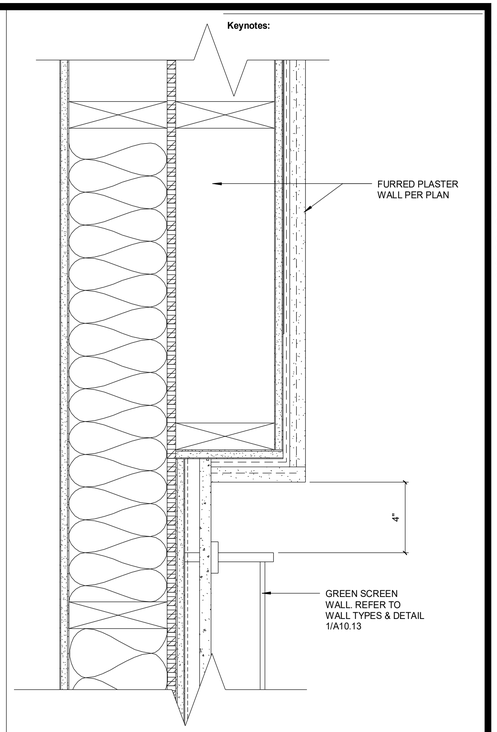
5 A10.13 EXTERIOR ALUMINUM SIGNAGE - ALCOVE JAMB
3" = 1'-0"



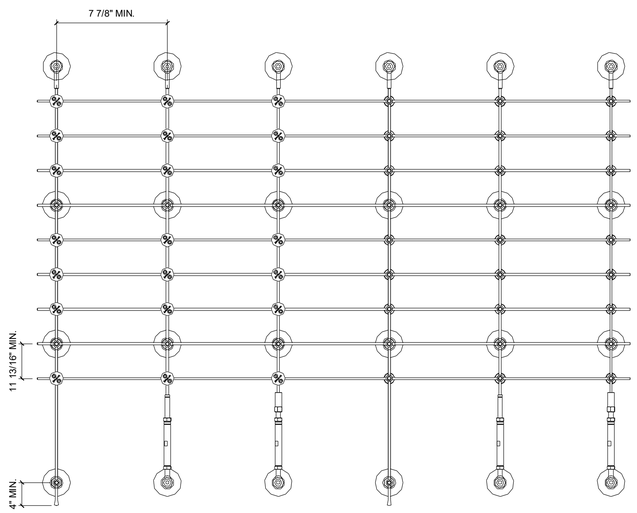
4 A10.13 EXTERIOR ALUMINUM SIGNAGE - ALCOVE HEAD & SILL
3" = 1'-0"

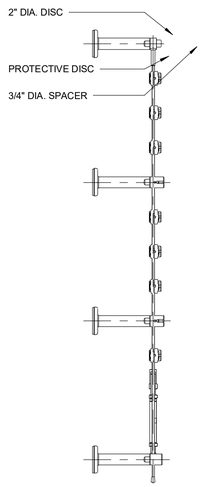


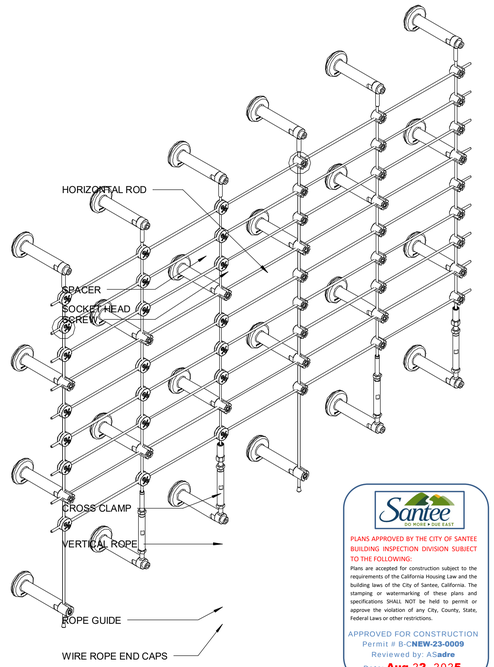
3 A10.13 PLASTER TO STONE VENEER TRANSITION
3" = 1'-0"



2 A10.13 PLASTER TO GREEN SCREEN TRANSITION
3" = 1'-0"







NOTES:

1. COORDINATE MANUFACTURER'S MINIMUM DIMENSION & REQUIREMENTS WITH EXTERIOR ELEVATIONS AND FIELD DIMENSIONS.

2. PROVIDE SHOPDRAWINGS SHOWING ROPES AND RODS LAYOUT FOR EACH EXTERIOR WALL

1 A10.13 GREEN SCREEN WALL GENERAL DETAILS
3" = 1'-0"

Santee
GO HIGHER • GO FAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:06 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32852
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

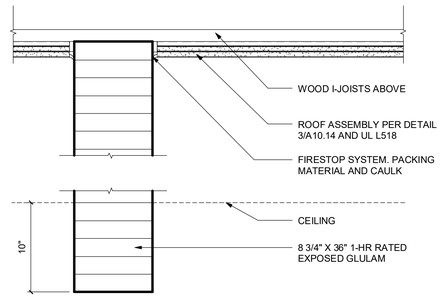
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

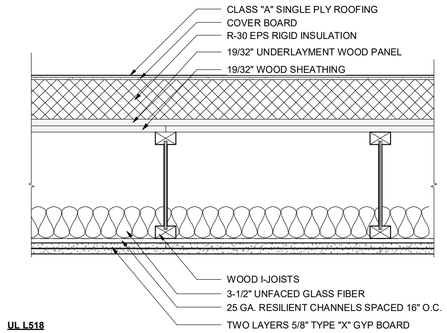
DRAWING NO.: **A10.13**
SHEET 86 OF 294

SANTEE COMMUNITY CENTER - WALL DETAILS

Please Recycle



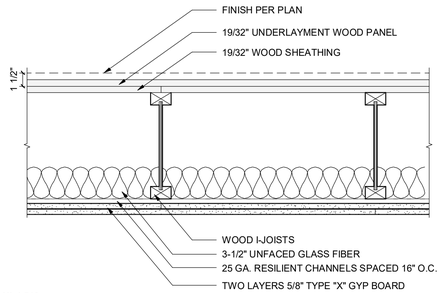
4 A10.14 ROOF 1-HR ASSEMBLY AT EVENT CENTER
1 1/2" = 1'-0"



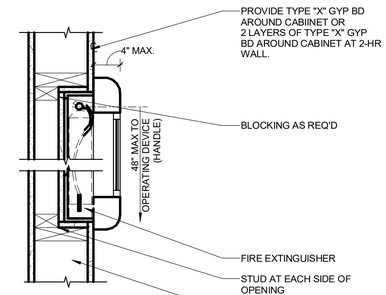
3 A10.14 ROOF 1-HR ASSEMBLY
1 1/2" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:07 PM

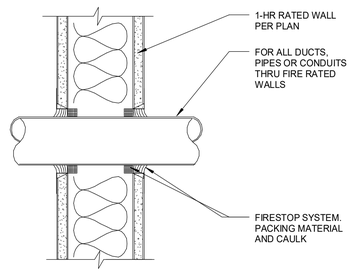


2 A10.14 FLOOR 1-HR ASSEMBLY
1 1/2" = 1'-0"



NOTE:
CLEAR FLOOR AREA IN FRONT OF FIRE EXTINGUISHER SHALL BE A MINIMUM 30" X 48".

5 A10.14 SEMI-RECESSED FIRE EXTINGUISHER CABINET
1 1/2" = 1'-0"



1 A10.14 PENETRATION THRU 1-HR RATED WALL
3" = 1'-0"

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A10.14**
SHEET 87 OF 294

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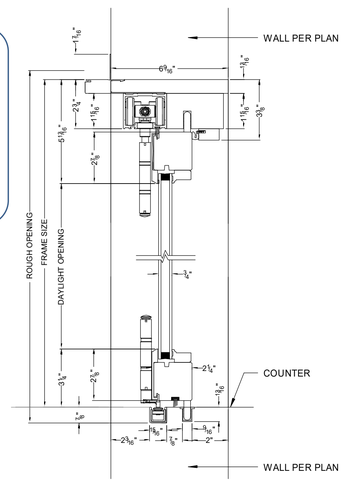
SANTEE COMMUNITY CENTER - FIRE PROTECTION DETAILS

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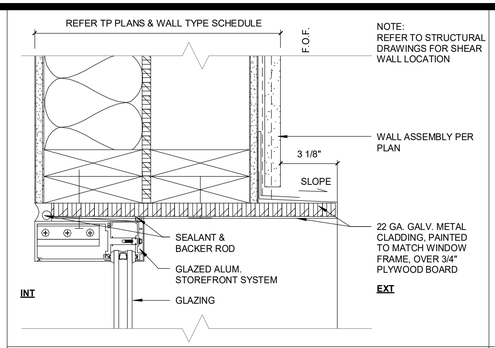
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A SpitFire Company
Approved
08/01/2025 3:22:07 PM

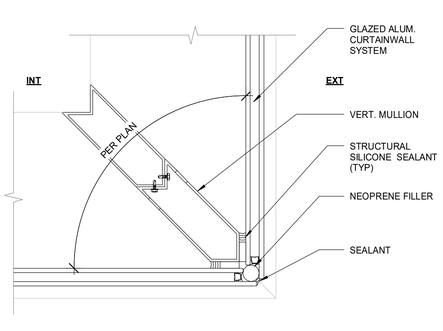
Santee
DO more in the EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



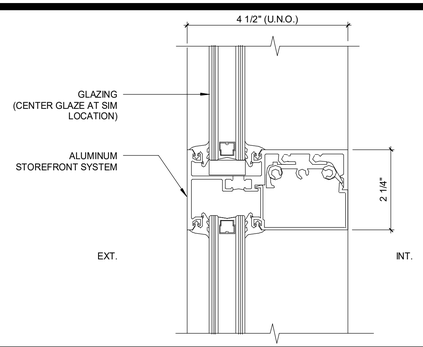
18 A10.21 BIFOLD WINDOW
3" = 1'-0"



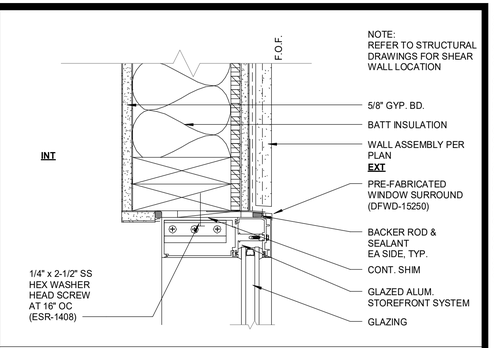
16 A10.21 ALUM. GLAZING SYSTEM - HEAD @ BOX WINDOW
3" = 1'-0"



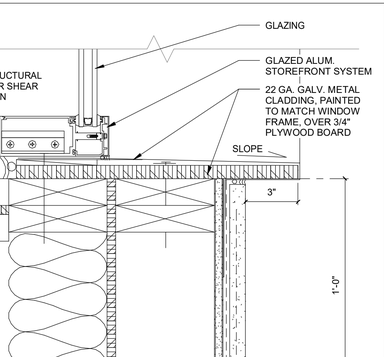
12 A10.21 ALUM. CURTAINWALL - CORNER
3" = 1'-0"



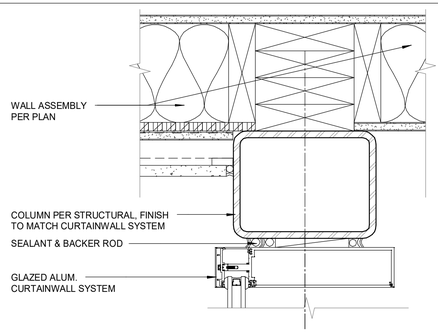
8 A10.21 ALUMINUM FRAME HORIZONTAL MULLION
6" = 1'-0"



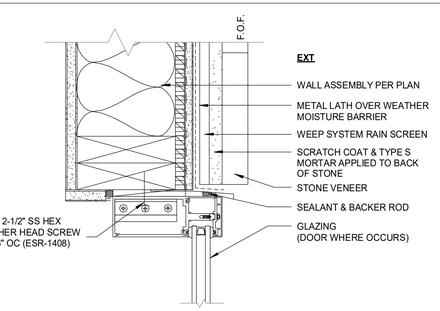
3 A10.21 ALUM. GLAZING SYSTEM - HEAD @ PLASTER
3" = 1'-0"



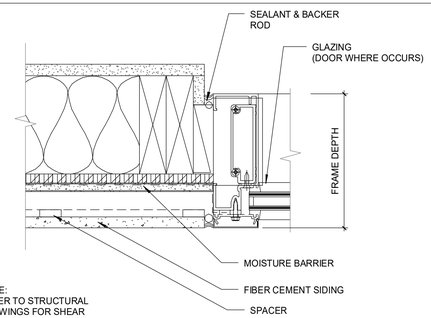
17 A10.21 ALUM. GLAZING SYSTEM - SILL @ BOX WINDOW
3" = 1'-0"



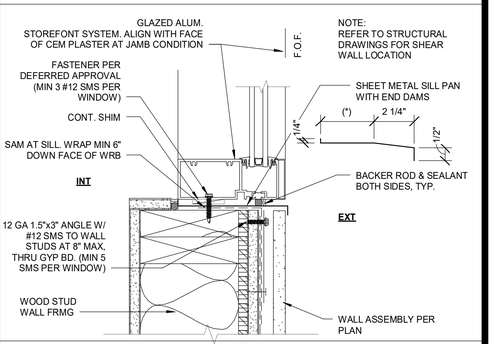
14 A10.21 ALUM. CURTAINWALL - JAMB
3" = 1'-0"



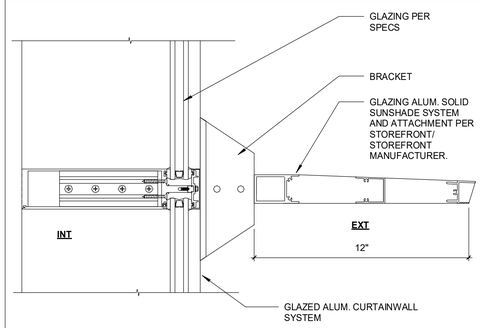
10 A10.21 ALUM. GLAZING SYSTEM - HEAD @ STONE VENEER
3" = 1'-0"



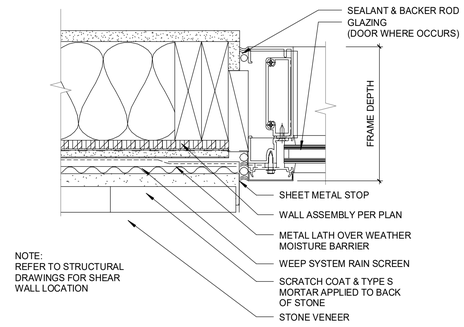
5 A10.21 ALUM. GLAZING SYSTEM - JAMB @ FIBER CEMENT SIDING
3" = 1'-0"



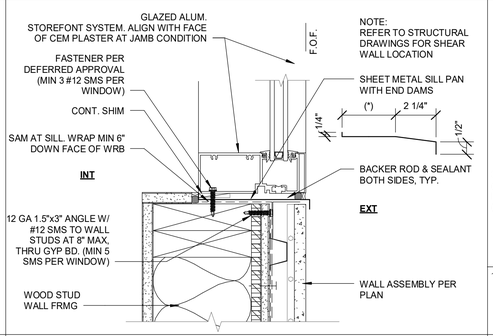
4 A10.21 ALUM. GLAZING SYSTEM - SILL@ PLASTER
3" = 1'-0"



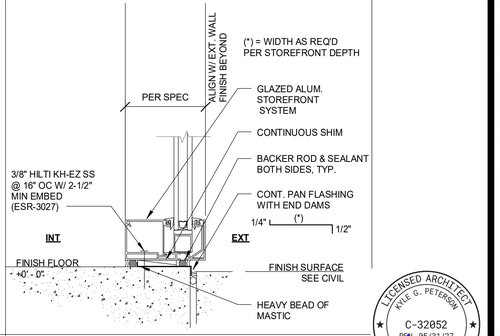
13 A10.21 ALUM. CURTAINWALL - HORIZ. SUNSHADE DEVICE
3" = 1'-0"



9 A10.21 ALUM. GLAZING SYSTEM - JAMB @ STONE VENEER
3" = 1'-0"



6 A10.21 ALUM. GLAZING SYSTEM - SILL @ FIBER CEMENT SIDING
3" = 1'-0"



1 A10.21 ALUM. GLAZING SYSTEM SILL @ CONC. SLAB
3" = 1'-0"

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Taylor Tarnico
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

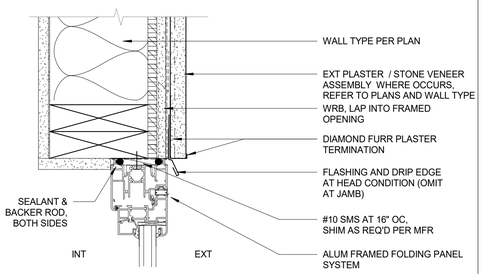
DRAWING NO.: A10.21
SHEET 88 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

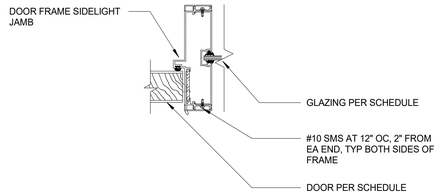
SANTEE COMMUNITY CENTER - WINDOW DETAILS

Autodesk Docs://2290003000 City of Santee Community Center R24/2290003000-A-Santee Community Center.rvt

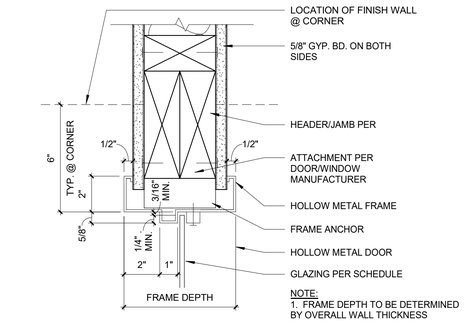
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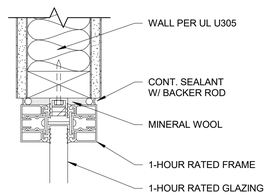
12 A10.23 NANAWALL HEAD CONDITION (JAMB SIMILAR)
3" = 1'-0"



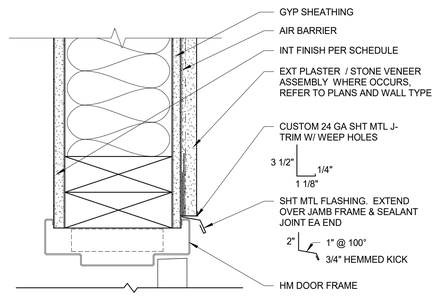
8 A10.23 ALUMINUM DOOR SIDELIGHT JAMB
3" = 1'-0"



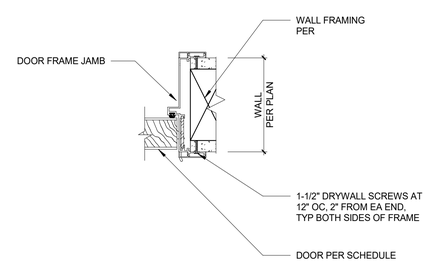
4 A10.23 INT SIDELIGHT HEAD/ JAMB
3" = 1'-0"



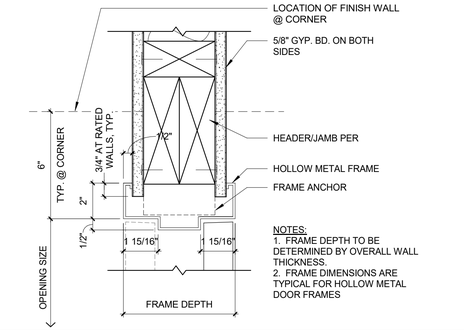
15 A10.23 FIRE-RATED ALUM FRAME SYSTEM - HEAD
3" = 1'-0"



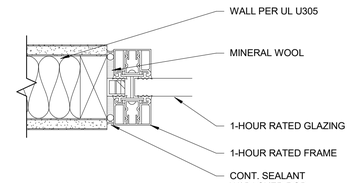
11 A10.23 HM DOOR FRAME HEAD @ PLASTER (STONE VENEER SIMILAR)
3" = 1'-0"



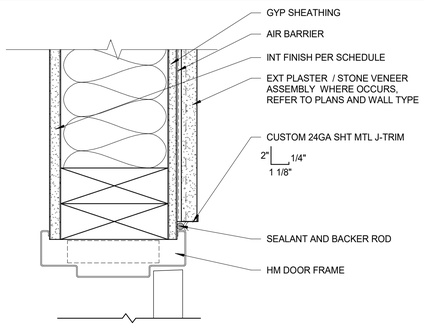
7 A10.23 ALUMINUM DOOR JAMB
3" = 1'-0"



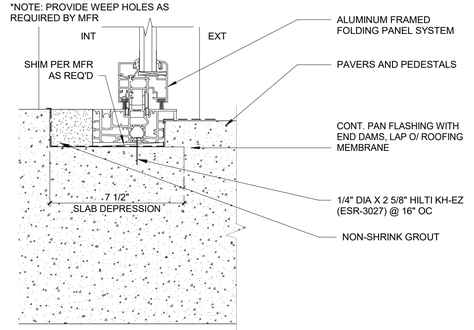
3 A10.23 INT HOLLOW METAL HEAD/ JAMB
3" = 1'-0"



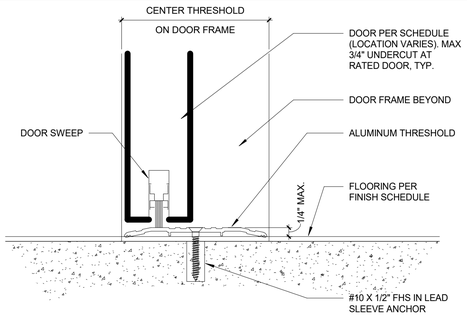
14 A10.23 FIRE-RATED ALUM FRAME SYSTEM - JAMB
3" = 1'-0"



10 A10.23 HM DOOR FRAME JAMB @ PLASTER (STONE VENEER SIMILAR)
3" = 1'-0"

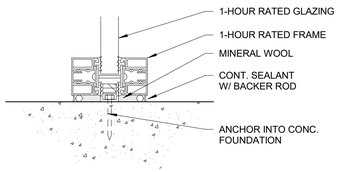


6 A10.23 NANAWALL @ SILL CONDITION
3" = 1'-0"

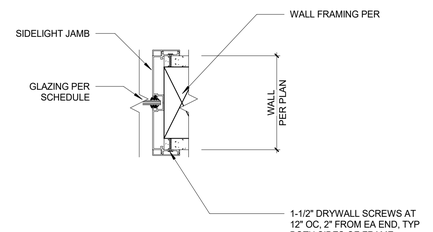


2 A10.23 INTERIOR DOOR THRESHOLD
6" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



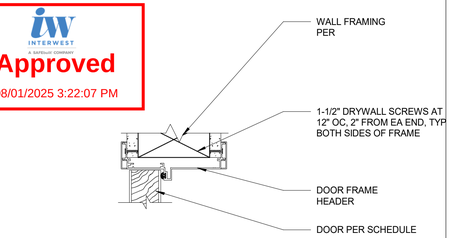
13 A10.23 FIRE-RATED ALUM FRAME SYSTEM - SILL
3" = 1'-0"



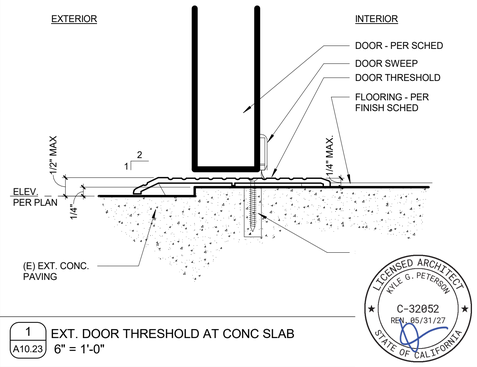
08.923

9 A10.23 ALUMINUM FRAME SIDELIGHT JAMB
3" = 1'-0"

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:07 PM



5 A10.23 ALUMINUM DOOR FRAME HEADER
3" = 1'-0"



LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

1 A10.23 EXT. DOOR THRESHOLD AT CONC SLAB
6" = 1'-0"

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

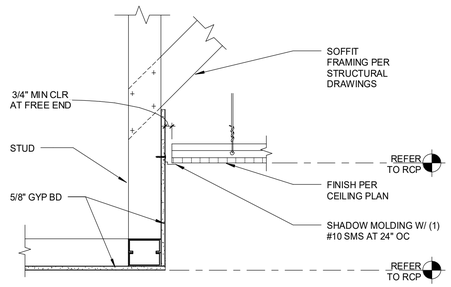
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A10.23**
SHEET 89 OF 294

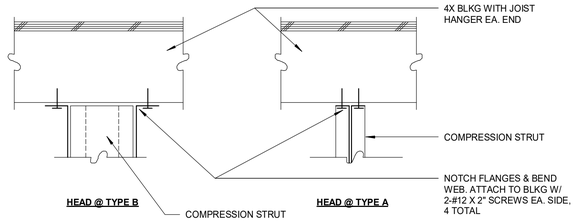
100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - DOOR DETAILS

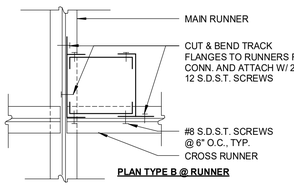
Please Recycle



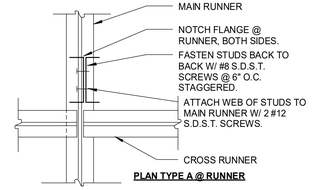
18 A10.31 FRAMED SOFFIT TO SUSP CLG
1 1/2" = 1'-0"



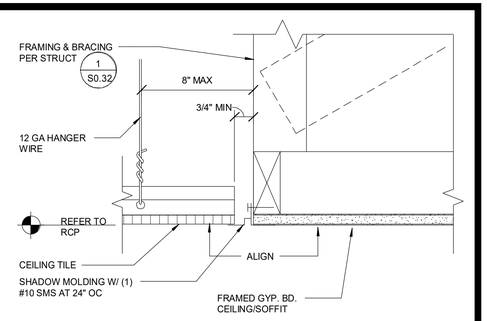
5 A10.31 COMPRESSION STRUT
3" = 1'-0"



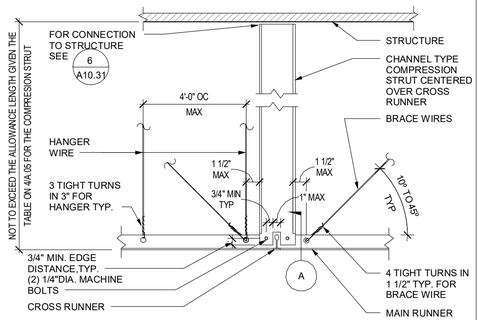
PLAN TYPE B @ RUNNER



PLAN TYPE A @ RUNNER

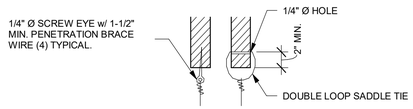


16 A10.31 CLG FLUSH TRANSITION
3" = 1'-0"



7 A10.31 COMPRESSION STRUT
1 1/2" = 1'-0"

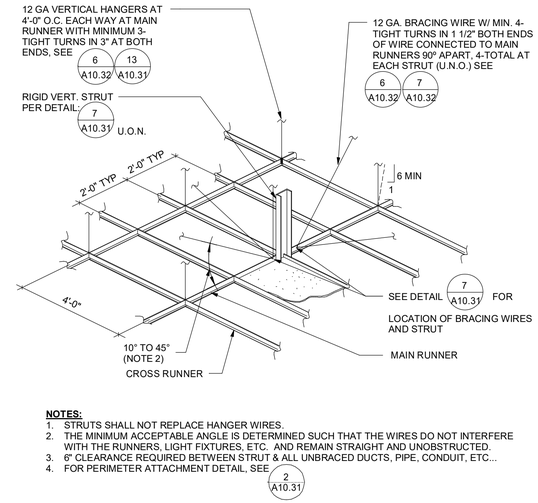
NOTES:
1. WHEN FIRE RATED GYP. BD. IS INSTALLED ON THE BOTTOM FLANGES, USE SCREWS EYES w/ SUFFICIENT LENGTH TO AVOID DAMAGING THE FIRE RATED GYP. BD. AND MEET MINIMUM PENETRATION.



CHANNEL COMPRESSION STRUT	MAXIMUM LENGTH
250S125-33	5' - 0"
250S137-33	6' - 10"
362S137-33	8' - 0"
250137-43	8' - 10"
400S137-43	10' - 10"
2 - 250T200-33, SEE PLAN 5A A10.31	15' - 0"
4 - 350T125-33. SEE PLAN 5B A10.31	23' - 0"

GENERAL NOTES:

A. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE OR CHANNEL SHALL BE NOT LESS THAN 2.0 IN. UNLESS QUALIFIED PERIMETER SUPPORTING CLIPS ARE USED.
B. CLOSURE ANGLES OR CHANNELS SHALL BE SCREWED OR OTHERWISE POSITIVELY ATTACHED TO WALL STUDS OR OTHER SUPPORTING STRUCTURES. PERIMETER SUPPORTING CLIPS SHALL BE QUALIFIED IN ACCORDANCE WITH APPROVED TEST CRITERIA PER SECTION 13.2.5.
C. PERIMETER SUPPORTING CLIPS SHALL BE ATTACHED TO SUPPORTING CLOSURE ANGLE OR CHANNEL WITH A MINIMUM OF TWO SCREWS PER CLIP AND SHALL BE INSTALLED AROUND THE ENTIRE CEILING PERIMETER.
D. IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP. THE OTHER END OF THE CEILING GIRD IN EACH HORIZONTAL DIRECTION SHALL HAVE A MINIMUM 0.75-IN CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP.
E. CEILING AREAS OVER 2500 FT.² MUST HAVE SEISMIC SEPARATION JOINTS OR FULL HEIGHT PARTITIONS.
F. CEILINGS WITHOUT RIGID BRACING MUST HAVE 2" OVERSIZE TRIM RINGS FOR SPRINKLERS AND OTHER CEILING PENETRATIONS.

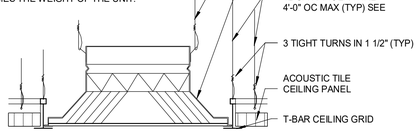


NOTES:
1. STRUTS SHALL NOT REPLACE HANGER WIRES.
2. THE MINIMUM ACCEPTABLE ANGLE IS DETERMINED SUCH THAT THE WIRES DO NOT INTERFERE WITH THE RUNNERS, LIGHT FIXTURES, ETC. AND REMAIN STRAIGHT AND UNOBSTRUCTED.
3. 6" CLEARANCE REQUIRED BETWEEN STRUT & ALL UNBRACED DUCTS, PIPE, CONDUIT, ETC...
4. FOR PERIMETER ATTACHMENT DETAIL, SEE 2 A10.31

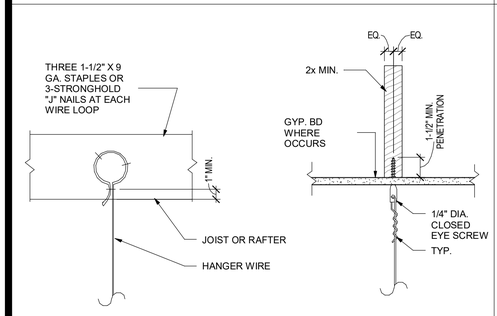
Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-NEW-23-0009
Reviewed by: ASadre
Date Aug 22, 2025

NOTES:
1. ATTACH ALL LIGHT FIXTURES TO CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE TO THE WEIGHT OF THE FIXTURES.
2. FLUSH OR RECESSED LIGHT FIXTURES, WEIGHING LESS THAN 56 POUNDS, MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF TWO 12 GAUGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE
3. ALL FLUSH OR RECESSED LIGHT FIXTURES WEIGHING 56 POUNDS OR MORE MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR(4) TAUT 12 GAUGE WIRES EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE. THE (4) WIRES, INCLUDING ATTACHMENTS, MUST BE CAPABLE OF SUPPORTING FOUR TIMES THE WEIGHT OF THE UNIT.

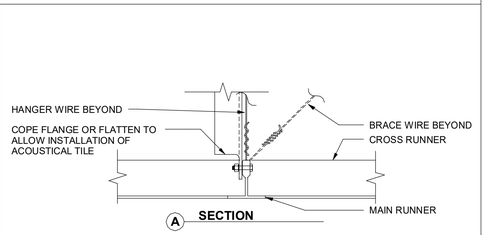
NOTE:
FOR TYP SUSPENSION AND BRACING ASSEMBLY, REF TO



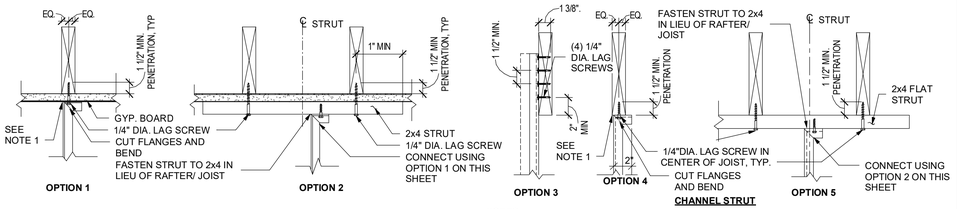
8 A10.31 TYPICAL FIXTURE SUPPORT
1 1/2" = 1'-0"



12 A10.31 05-10a - CL4.1 WIRE ATTACHMENTS
1 1/2" = 1'-0"



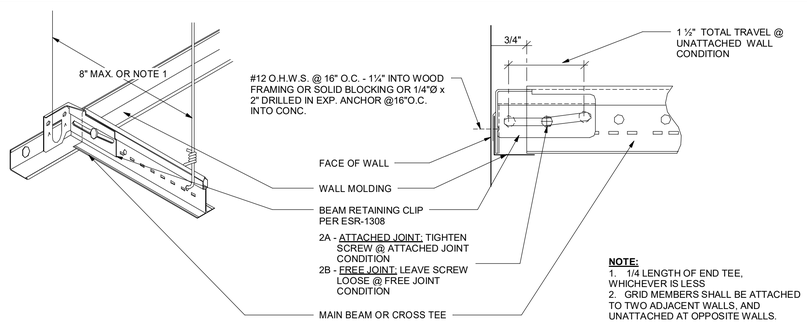
9 A10.31 SECTION A
3" = 1'-0"



NOTES:
1. WEB OF CHANNEL TO BEAR WITHIN WIDTH OF THE WOOD MEMBER.
2. FOR ANGLE ORIENTED IN THE STANDARD POSITION, VERTICAL LEG TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.
3. ATTACHMENT TO I-JOIST SIMILAR TO OPTIONS 1, 2, 4, & 5

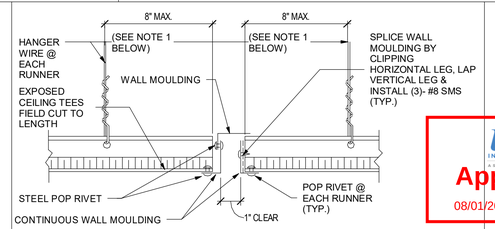
6 A10.31 COMPRESSION STRUT
1 1/2" = 1'-0"

3 A10.31 SUSPENDED CEILING GRID
3" = 1'-0"



NOTE:
1. 1/4 LENGTH OF END TEE, WHICHEVER IS LESS
2. GRID MEMBERS SHALL BE ATTACHED TO TWO ADJACENT WALLS, AND UNATTACHED AT OPPOSITE WALLS.

2 A10.31 PERIMETER CEILING ATTACHMENT
1 : 1

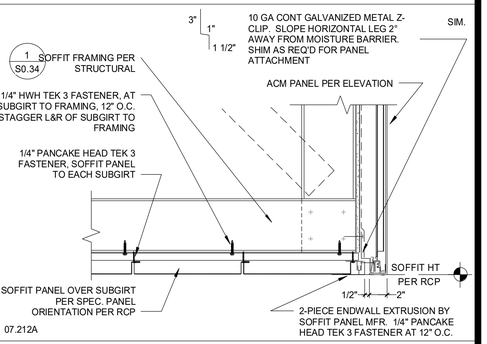


NOTES:
1. PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
2. PROVIDE EXPANSION JOINTS AT THE INTERSECTION OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS AND LOBBIES OR OTHER SIMILAR AREAS

INTERWEST
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

1 A10.31 EXPANSION JOINT
3" = 1'-0"



15 A10.31 SUSPENDED METAL PANEL CEILING @ ACM PANEL SOFFIT
1 1/2" = 1'-0"

SANTEE COMMUNITY CENTER - CEILING DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

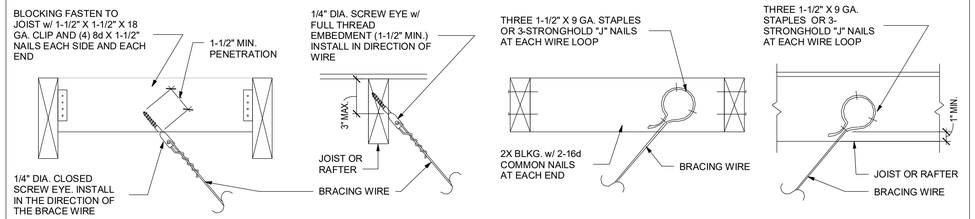
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

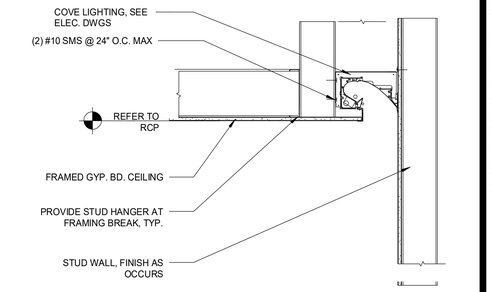
CITY W.O. NO. CIP 2018-31

DRAWING NO. A10.31
SHEET 90 OF 294

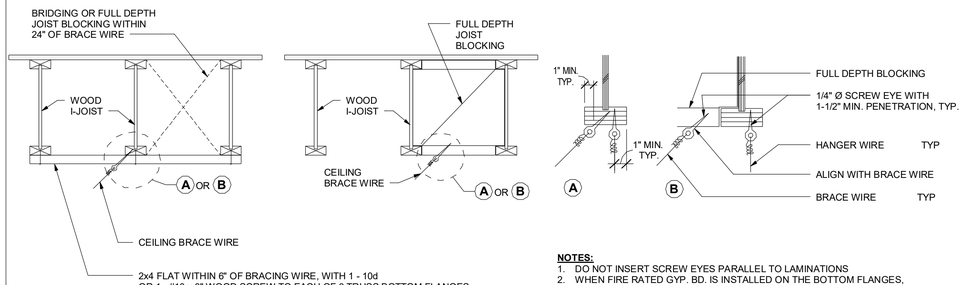
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7 A10.32 BRACING WIRE
1 1/2" = 1'-0"

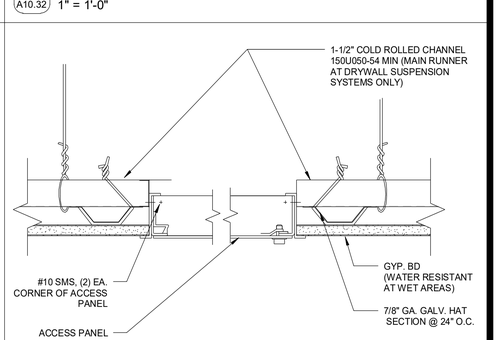


3 A10.32 TYP. COVE LIGHTING DETAIL @ FRAMED CEILING
1" = 1'-0"

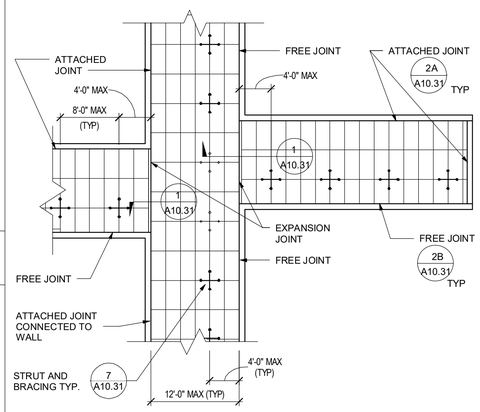


NOTES:
1. DO NOT INSERT SCREW EYES PARALLEL TO LAMINATIONS
2. WHEN FIRE RATED GYP. BD. IS INSTALLED ON THE BOTTOM FLANGES, USE SCREWS EYES w/ SUFFICIENT LENGTH TO AVOID DAMAGING THE FIRE RATED GYP. BD. AND MEET MINIMUM PENETRATION.

6 A10.32 WIRE ATTACHMENT TO WOOD I-JOIST
1" = 1'-0"

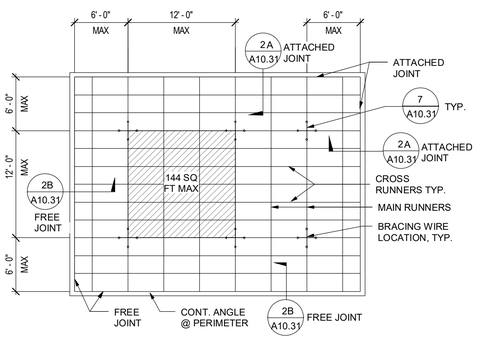


2 A10.32 ACCESS PANEL @ SUSP CLG
3" = 1'-0"



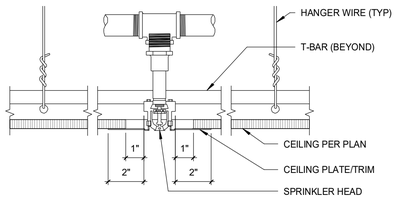
LOCATION OF EXPANSION/SLIP JOINTS IN CORRIDORS

5 A10.32 CORRIDOR CEILING
3" = 1'-0"



NOTES:
1. BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 144 SQ.FT. MAX. IN ROOMS OVER 144 SQ. FT.
2. PROVIDE EXPANSION JOINT(S) AS REQUIRED SO THAT NO CEILING AREA EXCEEDS 2,500 S.F.

4 A10.32 TYPICAL CEILING
1/8" = 1'-0"

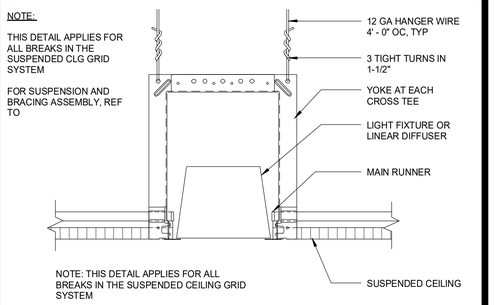


NOTES:

1. EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZED RING, SLEEVE OR ADAPTOR THROUGH THE CEILING TO ACCOMMODATE 1" OF CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS. ALTERNATELY, A SWING JOINT THAT CAN ACCOMMODATE 1" OF CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS IS PERMITTED TO BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION. (CBC 2016, ASCE 7-16, 13.5.6.2.2 ITEM A)

2. PROVIDE MOCK UP IN THE FIELD FOR REVIEW OF ARCHITECT & PROJECT INSPECTOR.

8 A10.32 FIRE SPRINKLER SUPPORT
3" = 1'-0"



1 A10.32 RECESSED LIGHT FIXTURE SUPPORT
3" = 1'-0"

Santee — DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST — A RAFTELIS COMPANY
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT — KYLE G. PETERSEN — C-32052 — REN. 05/31/27 — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Taylor Arnico
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

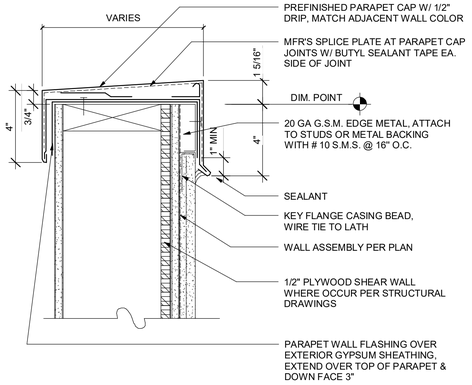
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A10.32**
SHEET 91 OF 294

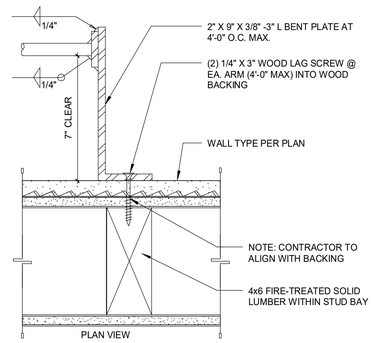
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SANTEE COMMUNITY CENTER - CEILING DETAILS

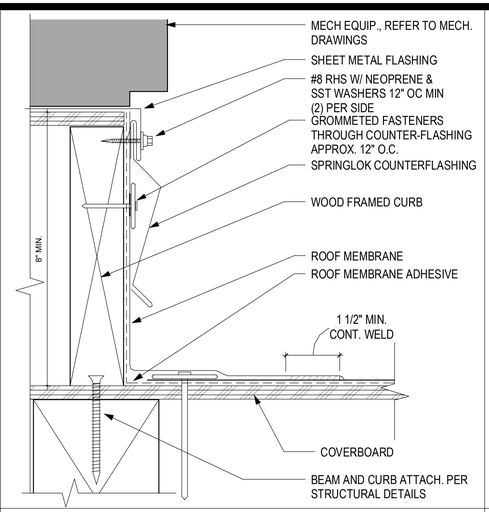
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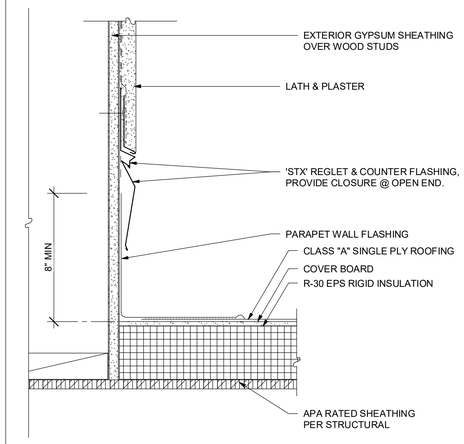
11 A10.41 TYPICAL PARAPET CAP
3" = 1'-0"



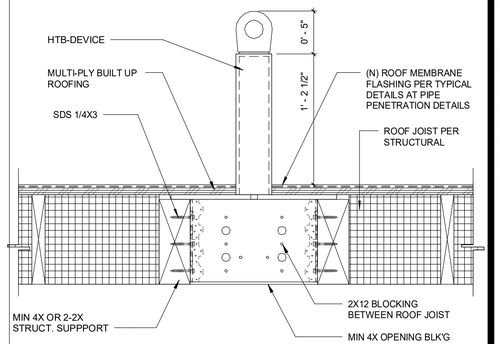
9 A10.41 ROOF LADDER - PLAN AT WALL
3" = 1'-0"



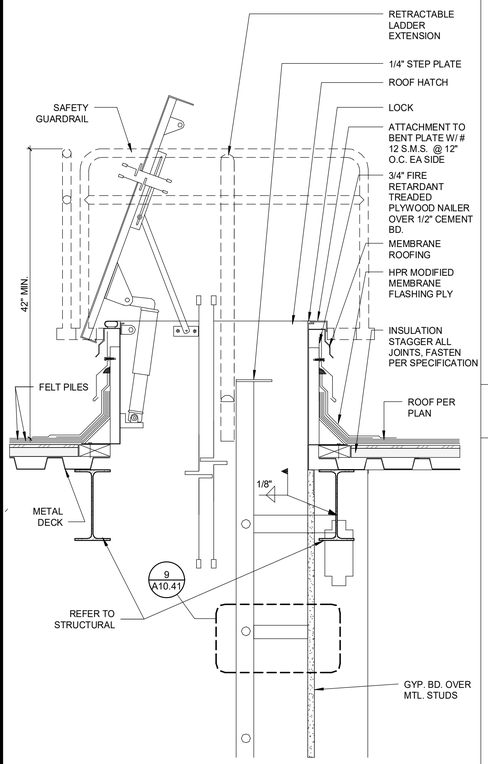
8 A10.41 ROOFING AT FRAMED EQUIP. CURB
6" = 1'-0"



5 A10.41 PARAPET BASE
3" = 1'-0"



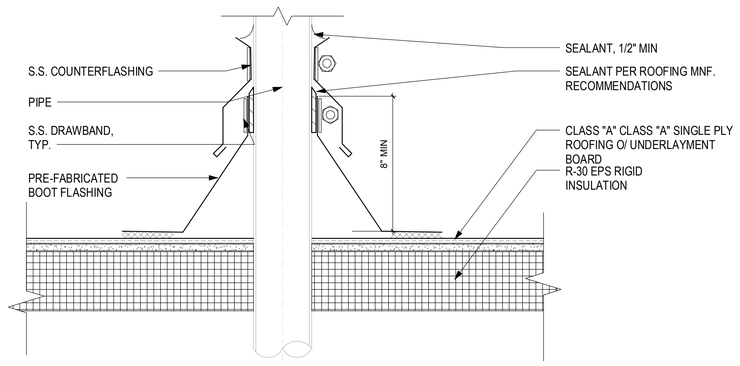
2 A10.41 TIE OFF ANCHOR
1 1/2" = 1'-0"



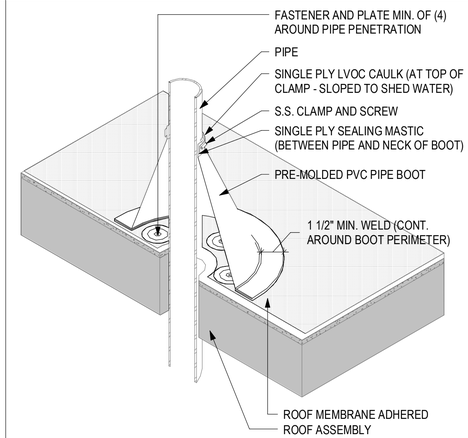
10 A10.41 ROOF HATCH - SECTION
1 1/2" = 1'-0"

GENERAL NOTES:

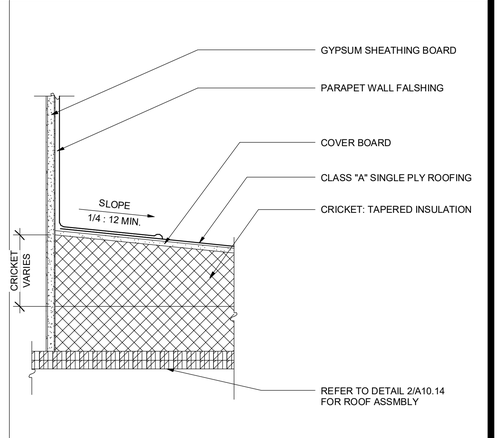
1. REFER TO UL SYSTEM NO. F-C-2430, SYSTEM NO. F-C-8047 AND SYSTEM NO. SP563 FOR FLOORING AND ROOF TYPICAL RATED PENETRATIONS.



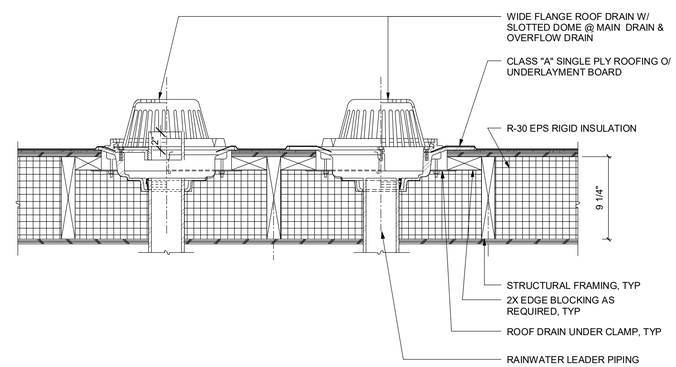
7 A10.41 PVC PIPE BOOT, TYP.
3" = 1'-0"



4 A10.41 PVC PIPE BOOT, TYP.
NTS

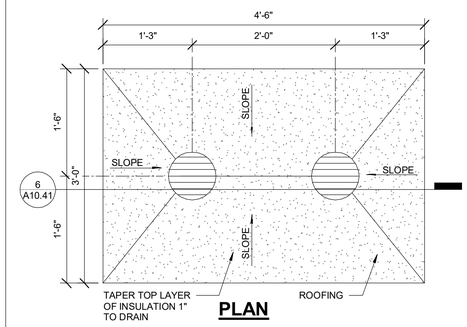


1 A10.41 CRICKET / PARAPET BASE
3" = 1'-0"



6 A10.41 ROOF DRAIN & OVERFLOW DETAIL
1 1/2" = 1'-0"

N.T.S.



6 A10.41

PLAN

3 A10.41 ROOF DRAIN & OVERFLOW DETAIL - PLAN
1" = 1'-0"

Santee
GO RIDEN & BIG EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A Bellevue Company
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE EXPIRES	

REVIEWED 08/26/2025
BY Taylor Arnicco
PROJECT ENGINEER

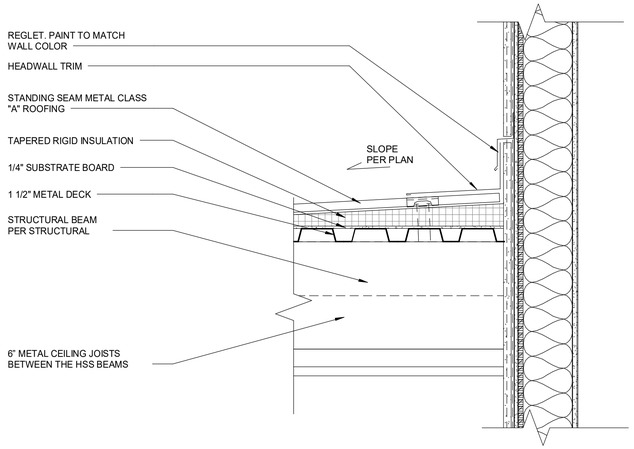
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

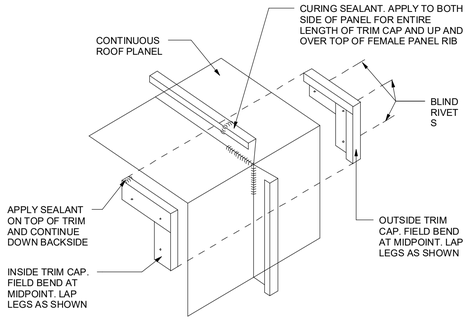
DRAWING NO.: **A10.41**
SHEET 92 OF 294

SANTEE COMMUNITY CENTER - ROOF DETAILS

Please Recycle



6 A10.42 CANOPY ROOF FLASHING
1 1/2" = 1'-0"

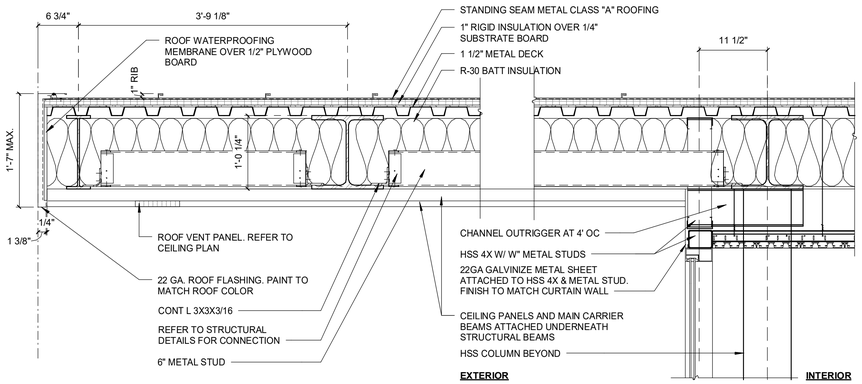


NOTES:

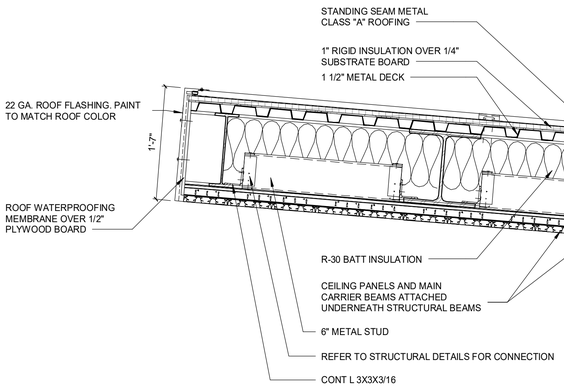
APPLY NON-SKINNING BUTYL SEALANT BETWEEN PANELS AT FIELD CUT AS REQUIRED PER MANUFACTUER.

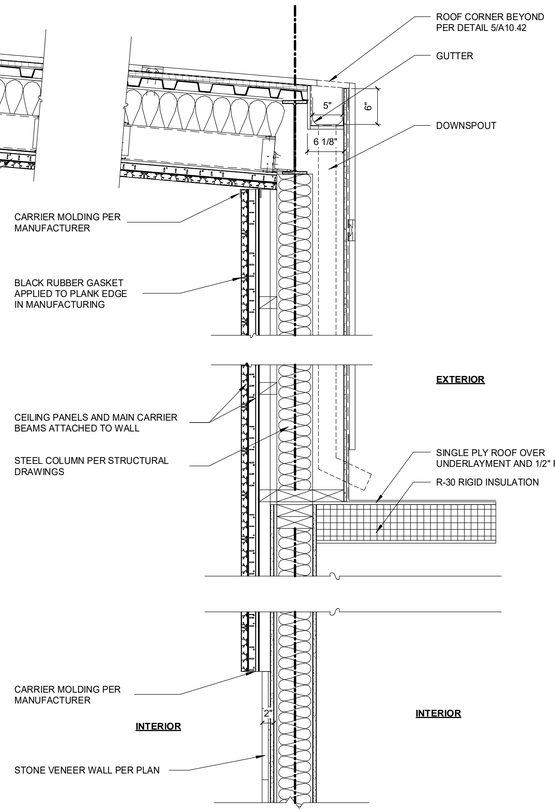
FIELD CUT MALE AND FEMALE RIBS OF ROOF PANELS AS SHOWN AND BEND OVER EAVE

5 A10.42 STANDING METAL SEAM ROOF - TRIM CAP
1 1/2" = 1'-0"



3 A10.42 HIGH ROOF DETAILS - SOUTH OVERHANG
1" = 1'-0"



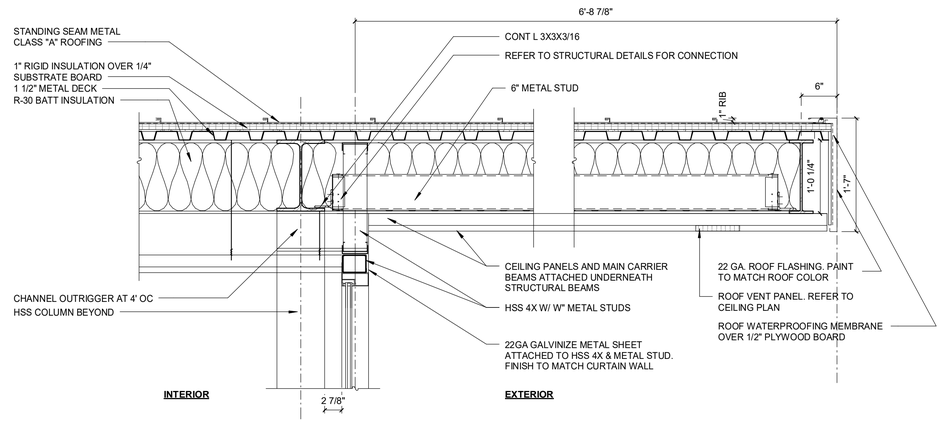


4 A10.42 HIGH ROOF - SOUTH PROFILE
1" = 1'-0"

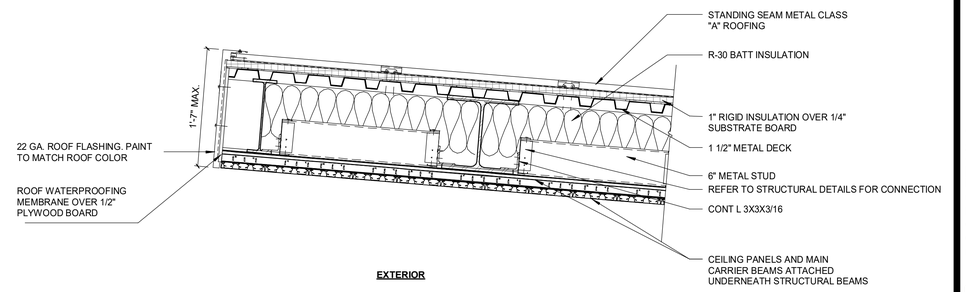
GENERAL NOTES:

1. REFER TO UL SYSTEM NO. F-C-2430, SYSTEM NO. F-C-8047 AND SYSTEM NO. SP563 FOR FLOORING AND ROOF TYPICAL RATED PENETRATIONS.

N.T.S.



2 A10.42 HIGH ROOF DETAILS - NORTH OVERHANG
1" = 1'-0"



1 A10.42 HIGH ROOF - NORTH PROFILE
1" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

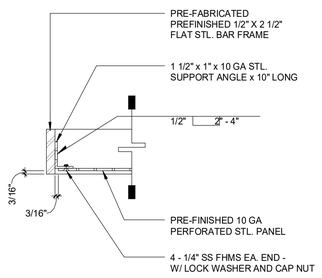
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A10.42**
SHEET 93 OF 294

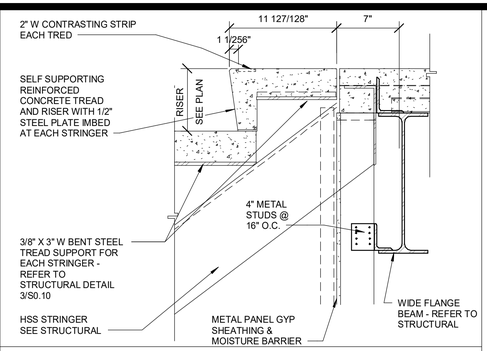
SANTEE COMMUNITY CENTER - ROOF DETAILS

Please Recycle

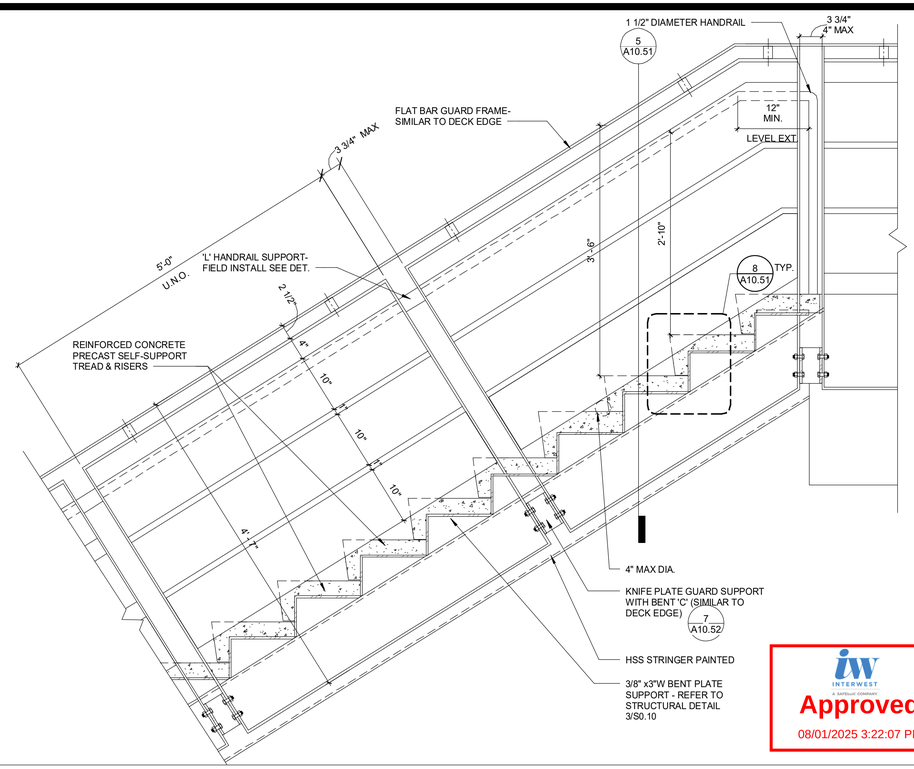
100% CONSTRUCTION DOCUMENTS - 03/31/2025



10 A10.51 INFILL PANEL TO GUARD FRAME
3" = 1'-0"

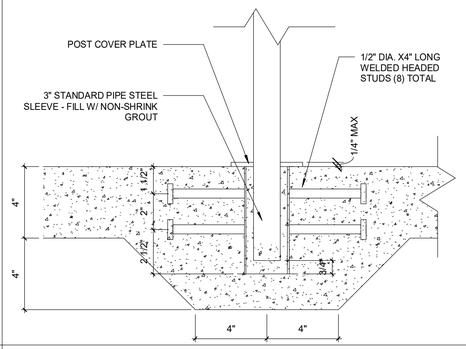


7 A10.51 STAIR TO SECOND FLOOR CONNECTION
1 1/2" = 1'-0"

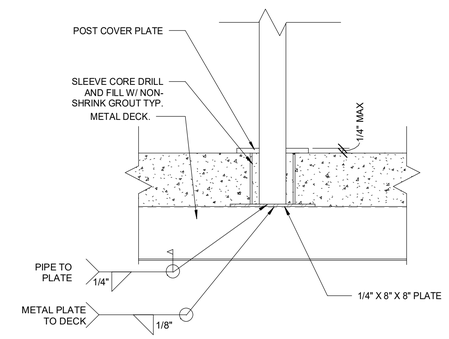


3 A10.51 STAIR AND HANDRAIL
1" = 1'-0"

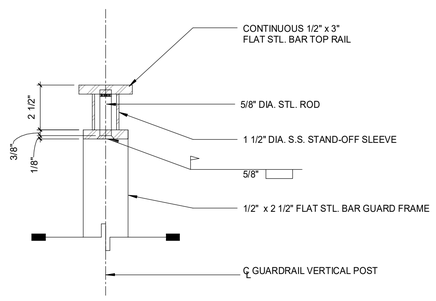
Santee
DO MORE • DUE EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C NEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



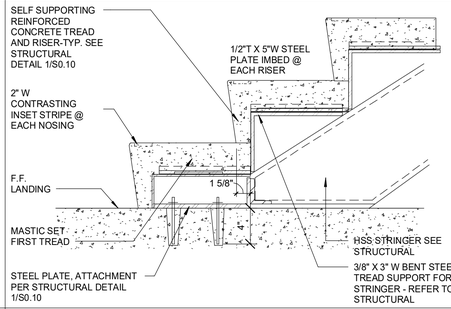
9 A10.51 HANDRAIL @ FLOOR CONNECTION
3" = 1'-0"



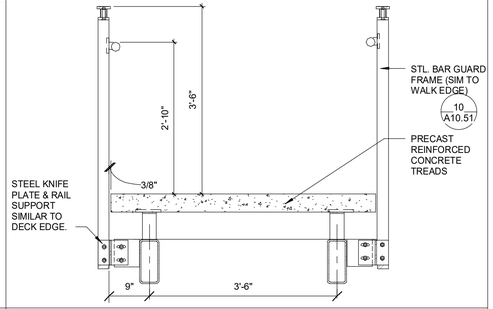
6 A10.51 HANDRAIL @ 2ND FLOOR DECK
3" = 1'-0"



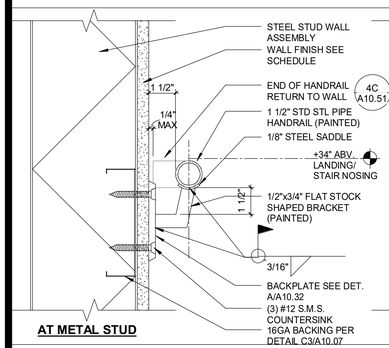
11 A10.51 GUARD TOP RAIL
3" = 1'-0"

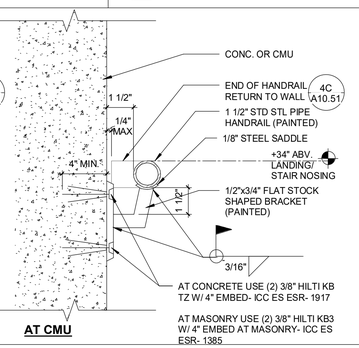


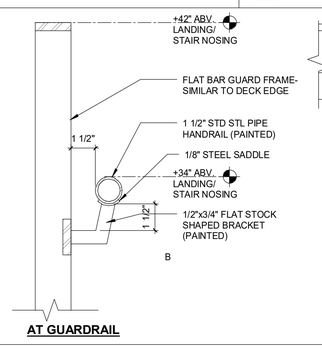
8 A10.51 STAIR TO FLOOR CONNECTION
1 1/2" = 1'-0"

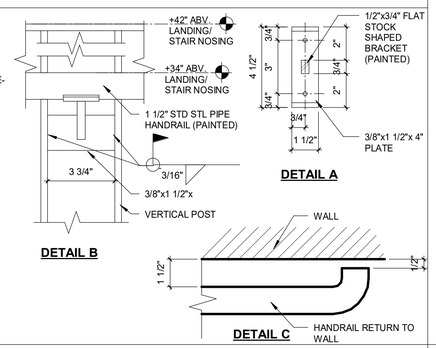


5 A10.51 SECTION 5'-0" WIDE STAIR
3/4" = 1'-0"

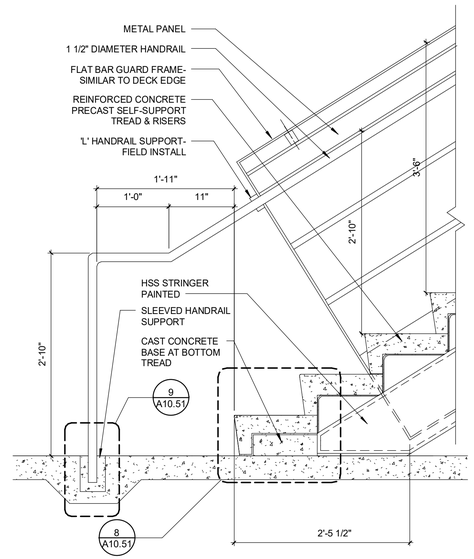




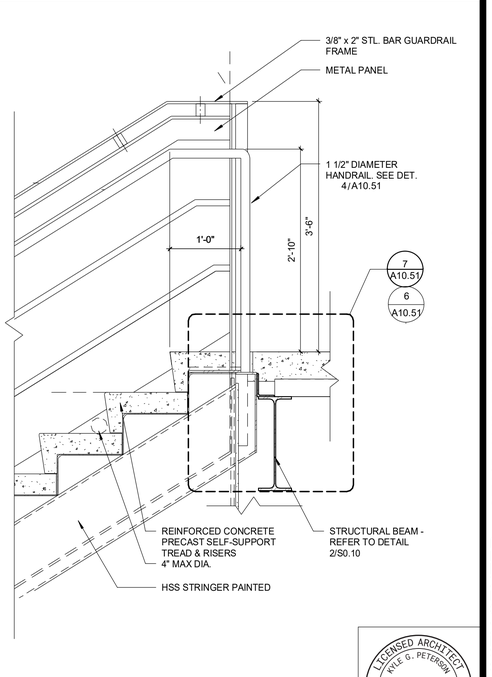




4 A10.51 STAIR AND HANDRAIL
3" = 1'-0"



2 A10.51 STAIR AND HANDRAIL
1" = 1'-0"



1 A10.51 STAIR AND HANDRAIL
1" = 1'-0"

INTERWEST
A RATTLER COMPANY
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

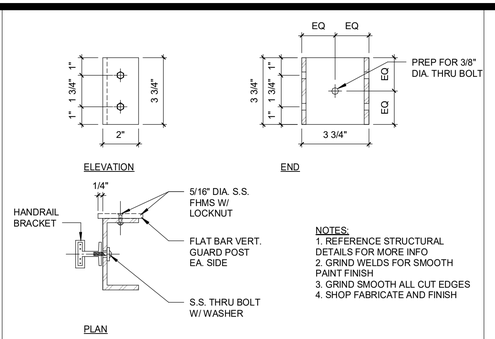
DRAWING NO.: **A10.51**
SHEET 94 OF 294

SANTEE COMMUNITY CENTER - STAIR AND ELEVATOR DETAILS

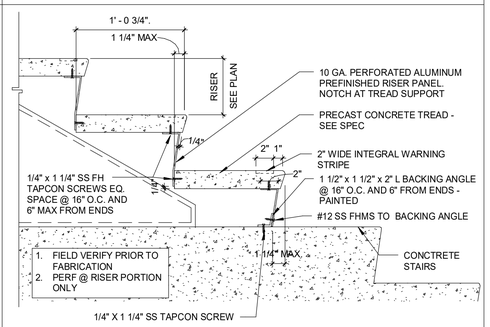
Please Recycle

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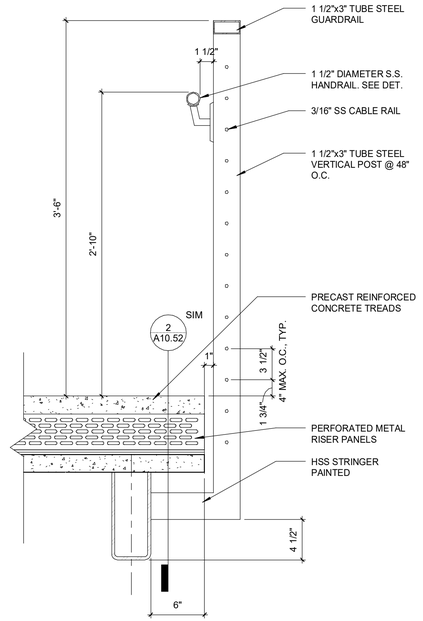
100% CONSTRUCTION DOCUMENTS - 03/31/2025



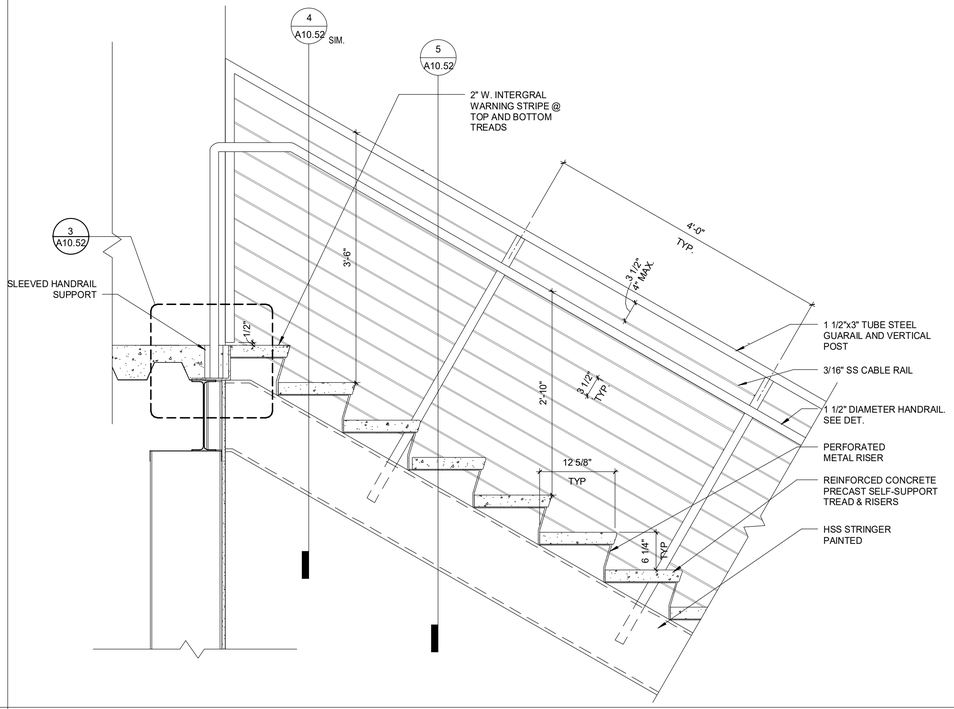
7 A10.52 HANDRAIL SUPPORT BRACKET
3" = 1'-0"



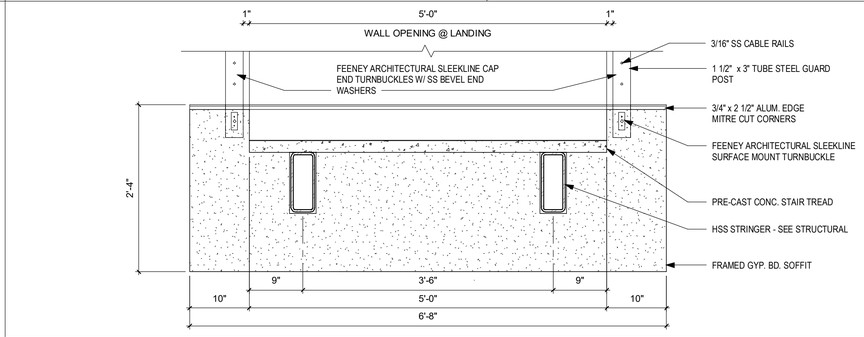
6 A10.52 PERFORATED RISER PANELS
1 1/2" = 1'-0"



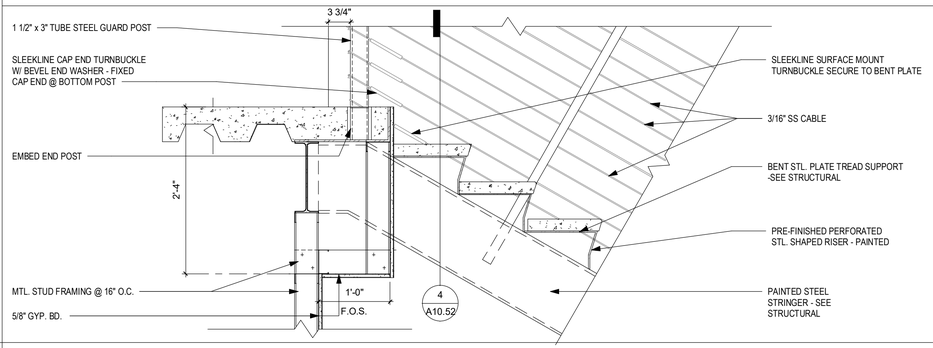
5 A10.52 SECTION 5'-0" WIDE STAIR
1 1/2" = 1'-0"



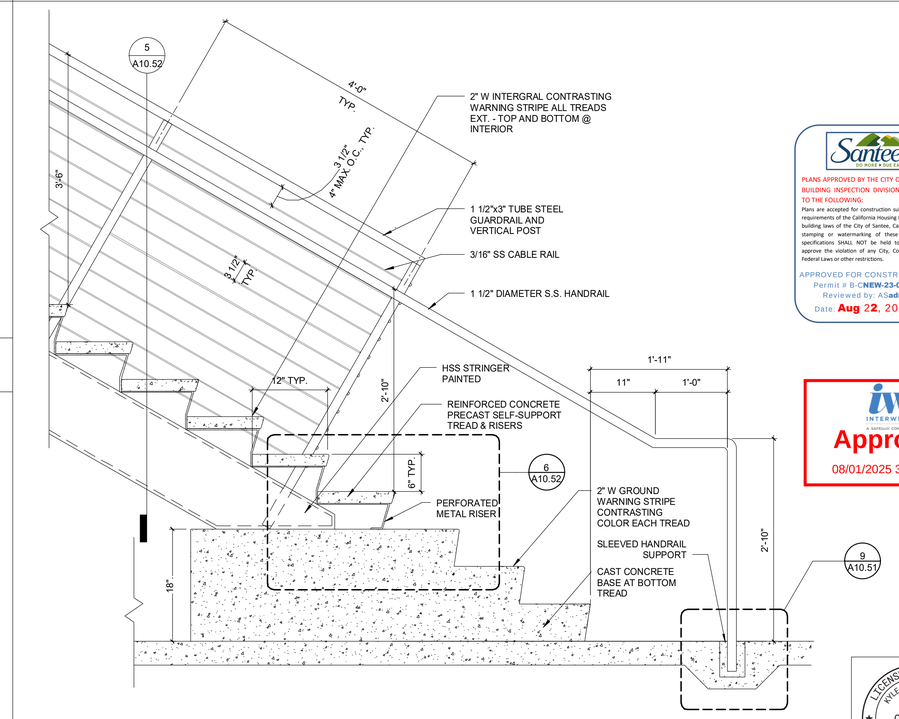
2 A10.52 STAIR AND HANDRAIL
1" = 1'-0"



4 A10.52 SOFFIT TRANSITION @ LOBBY STAIR LANDING
1" = 1'-0"



3 A10.52 SECTION @ LOBBY STAIR LANDING
1" = 1'-0"



1 A10.52 STAIR AND HANDRAIL
1" = 1'-0"

Santee
ER RIVER & DAR EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22**, 2025

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
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SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
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REVIEWED 08/26/2025
BY PROJECT ENGINEER

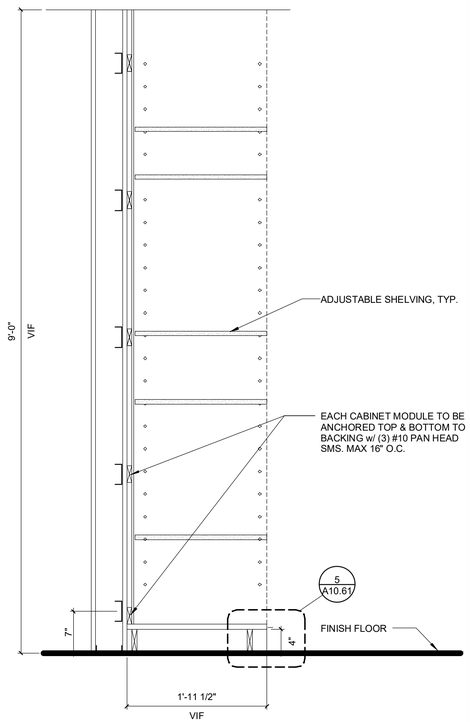
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

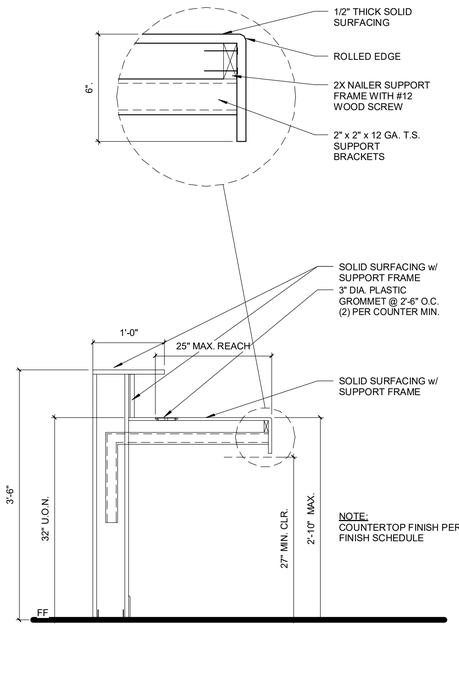
DRAWING NO.: **A10.52**
SHEET 95 OF 294

SANTEE COMMUNITY CENTER - STAIR AND ELEVATOR DETAILS

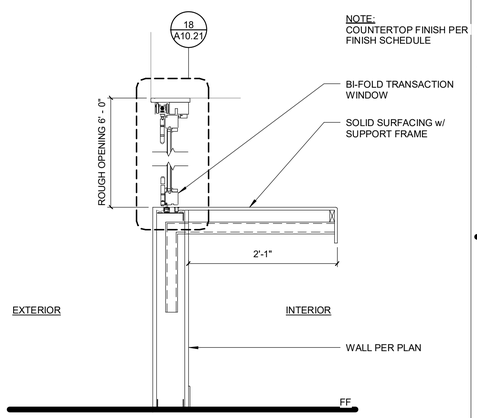
Please Recycle



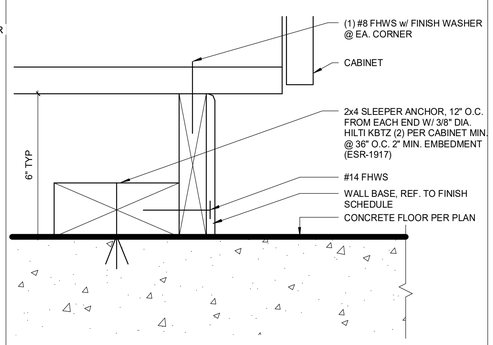
8 A10.61 BASE & UPPER CABINET DETAIL
1" = 1'-0"



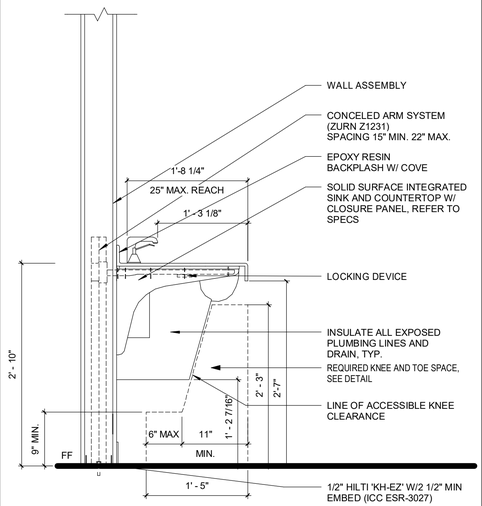
6 A10.61 OPEN COUNTERTOP
1" = 1'-0"



7 A10.61 OPEN COUNTER @ TRANSACTION WINDOW
1" = 1'-0"

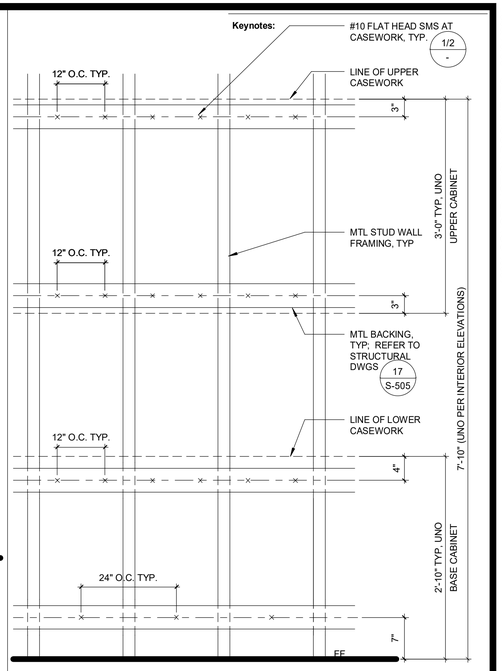


5 A10.61 CABINET CONNECTION
6" = 1'-0"



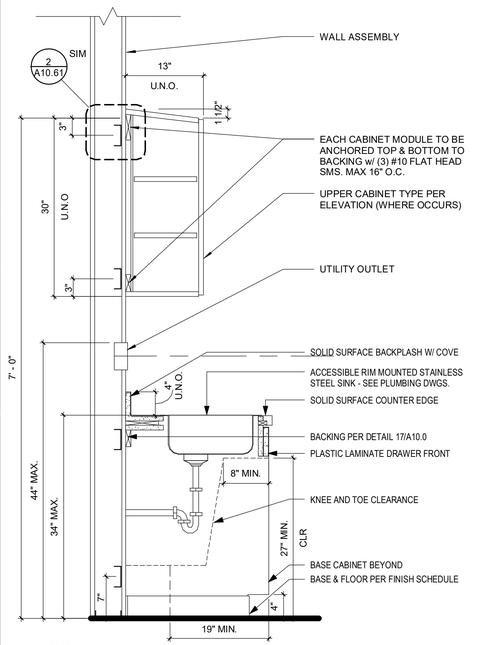
NOTES:
1. NO SHARP OR ABRASIVE ELEMENTS UNDER LAVATORY

4 A10.61 LAVATORY
1" = 1'-0"



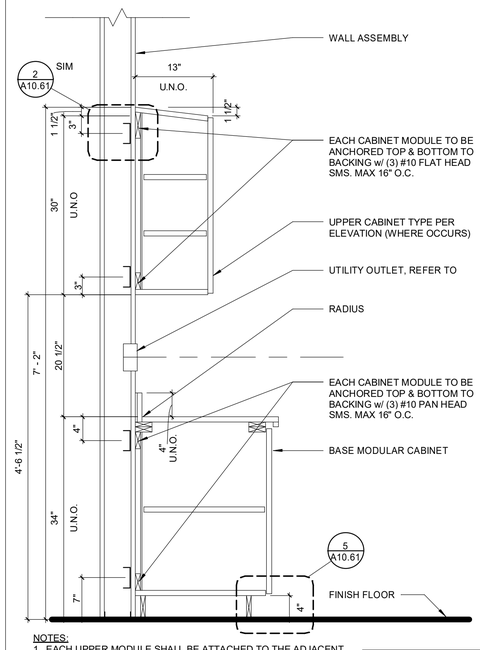
NOTES:
1. WALL FRAMING PER PARTITION TYPE, REFER TO DIMENSION PLAN.
2. WALL STUD FLANGES ARE TO BE CONTINUOUS FROM FLOOR TO DECK ABOVE
3. ANCHOR BACKING PLATES TO SPAN ACROSS (3) STUDS MIN.

2 A10.61 BACKING AT LOWER AND UPPER CASEWORK
1" = 1'-0"



NOTES:
1. PROVIDE FAUCET WITH LEVER CONTROLS.
2. 24" MAX. REACH TO CONTROLS.
3. EXTEND FLOORING INSIDE SINK BASE CABINET.
4. WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE OBJECTS OR SURFACES UNDER LAVATORIES.

3 A10.61 ACCESSIBLE SINK AND UPPER CABINET DETAIL
1" = 1'-0"



NOTES:
1. EACH UPPER MODULE SHALL BE ATTACHED TO THE ADJACENT UNIT WITH A MINIMUM OF (3) EACH #10 x 1 1/4" COUNTER SUNK WOOD SCREWS AT TOP, CENTER, AND BOTTOM
2. ACTUAL CASEWORK CONSTRUCTION PER W.I. STANDARDS AS SPECIFIED

1 A10.61 BASE & UPPER CABINET DETAIL
1" = 1'-0"

Santee
DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		DATE
	RCE NO.		EXPIRES

REVIEWED 08/26/2025
BY Taylor Annico
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

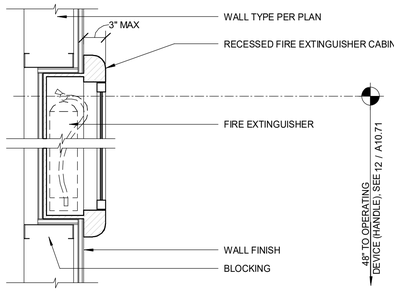
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A10.61**
SHEET 96 OF 294

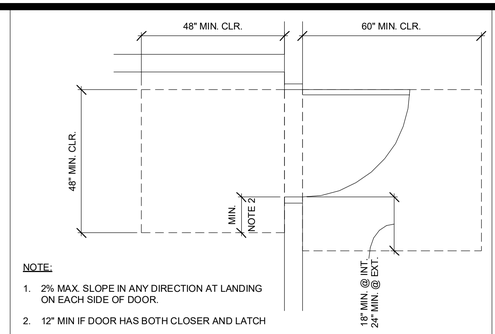
100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - CASEWORK DETAILS

Please Recycle



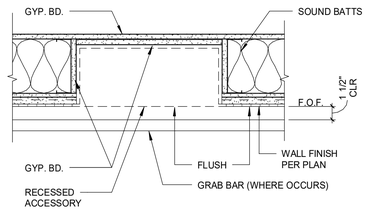
13 A10.71 FIRE EXTINGUISHER DETAIL
1 1/2" = 1'-0"



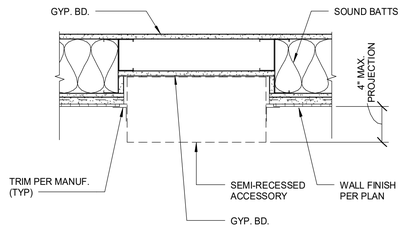
NOTE:

1. 2% MAX. SLOPE IN ANY DIRECTION AT LANDING ON EACH SIDE OF DOOR.
2. 12" MIN IF DOOR HAS BOTH CLOSER AND LATCH

1 A10.71 DOOR LANDING AND CLEARANCES
1/2" = 1'-0"



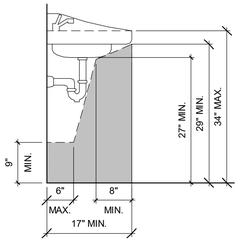
A. RECESSED TOILET ACCESSORY



B. SEMI-RECESSED TOILET ACCESSORY

10.039

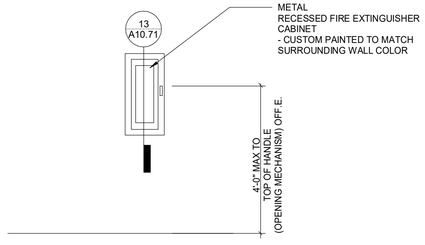
8 A10.71 RECESSED & SEMI-RECESSED TOILET ACCESSORY
1 1/2" = 1'-0"



NOTES:

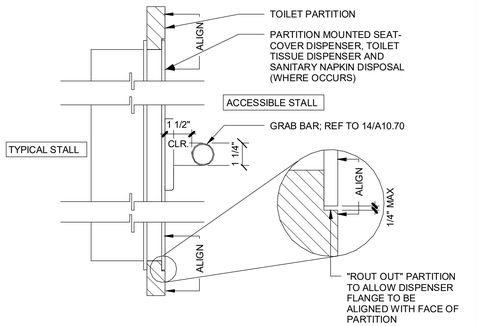
1. KNEE AND TOE SPACE (SHADED AREA) SHALL BE PROVIDED AS REQUIRED BY CBC FIGURE 11B-306.3. ALL WATER AND DRAIN PIPES UNDER SINKS SHALL BE INSULATED OR OTHERWISE COVERED PER CBC 11B-606.5. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.
2. SHADED AREA IS THE ACCESSIBLE CLEAR SPACE.
3. SINK DEPTH 6" MAX.

9 A10.71 REQUIRED KNEE & TOE CLEARANCES
3/4" = 1'-0"

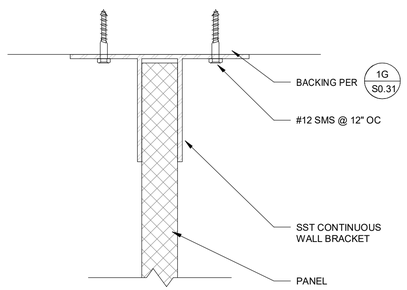


NOTE:
HEIGHT OF FIRE EXTINGUISHER HANDLE AND CABINET OPENING HARDWARE TO CORRESPOND WITH PROVIDED APPROACH - 48" MAXIMUM

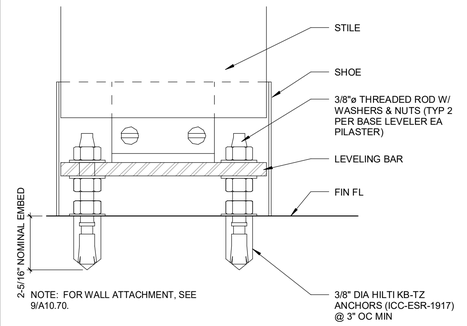
12 A10.71 FIRE EXTINGUISHER CABINET ELEVATION
1/2" = 1'-0"



11 A10.71 PARTITION MOUNTED ACCESSORY
3" = 1'-0"

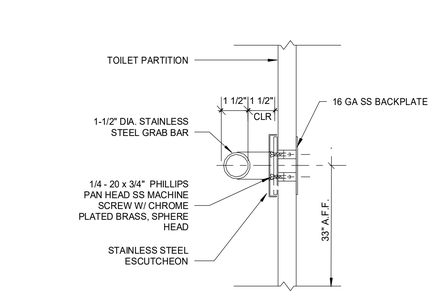


5 A10.71 TLT PARTITION TO WALL
6" = 1'-0"



NOTE: FOR WALL ATTACHMENT, SEE 9/A10.70.

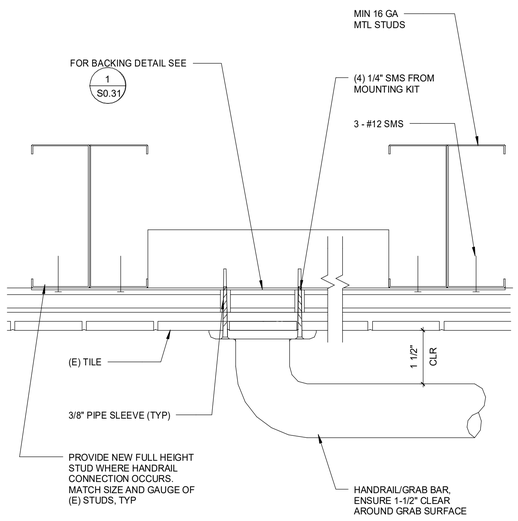
4 A10.71 TOILET PARTITION - PILASTER AT FLOOR
6" = 1'-0"



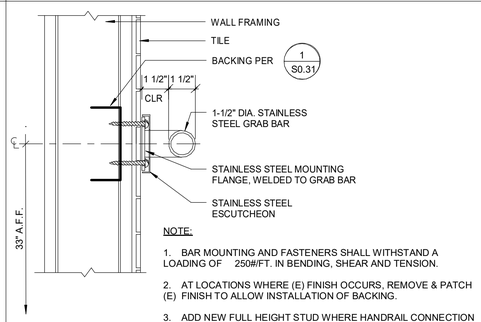
2 A10.71 GRAB BAR BACKING @ PARTITION
3" = 1'-0"

NOTES:

1. ALL SCREWS MUST BE INTO BACKING WITH 3 THREADS PENETRATION MIN
2. AT LOCATIONS WHERE (E) FINISH OCCURS, REMOVE & PATCH (E) FINISH TO ALLOW INSTALLATION OF BACKING AT LOCATIONS WHERE (E) FINISH OCCURS, REMOVE & PATCH (E) FINISH TO ALLOW INSTALLATION OF BACKING



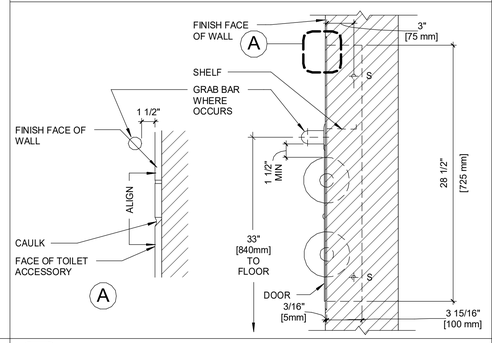
7 A10.71 MTL STUD BACKING @ GRAB BAR/HANDRAIL
6" = 1'-0"



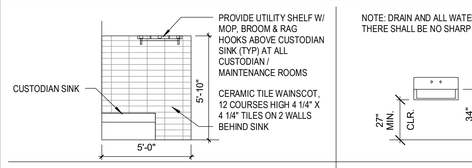
NOTE:

1. BAR MOUNTING AND FASTENERS SHALL WITHSTAND A LOADING OF 250#/FT. IN BENDING, SHEAR AND TENSION.
2. AT LOCATIONS WHERE (E) FINISH OCCURS, REMOVE & PATCH (E) FINISH TO ALLOW INSTALLATION OF BACKING.
3. ADD NEW FULL HEIGHT STUD WHERE HANDRAIL CONNECTION OCCURS. MATCH SIZE & GAUGE OF (E) STUDS.

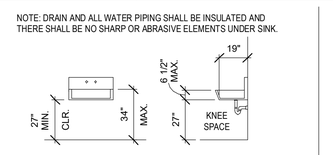
6 A10.71 GRAB BAR BACKING
3" = 1'-0"



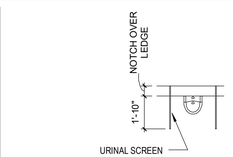
3 A10.71 RECESSED COMBO ACCESSORY
1 1/2" = 1'-0"



MOP RACK AT CUSTODIAN SINK

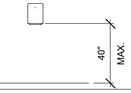


ACCESSIBLE SERVICE SINK



(E) URINAL WITH (N) SCREEN

NOTE:
1. PROVIDE MINIMUM 30"x48" CLEAR FLOOR SPACE IN FRONT OF ACCESSORY TO ALLOW FORWARD OR PARALLEL APPROACH.
2. HIGHEST OPERABLE PART AT MAX 3'-4" AFF.
3. TOILET ACCESSORY MOUNTING PER 8 A10.71



PAPER TOWEL DISPENSER

NOTE:
1. PROVIDE MINIMUM 30"x48" CLEAR FLOOR SPACE IN FRONT OF ACCESSORY TO ALLOW FORWARD OR PARALLEL APPROACH.
2. HIGHEST OPERABLE PART AT MAX 3'-4" AFF.
3. TOILET ACCESSORY MOUNTING PER 8 A10.71



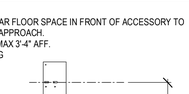
HAND DRYER

NOTE:
1. PROVIDE MINIMUM 30"x48" CLEAR FLOOR SPACE IN FRONT OF ACCESSORY TO ALLOW FORWARD OR PARALLEL APPROACH. HIGHEST OPERABLE PART AT MAX 3'-4" AFF.
2. BOTTOM EDGE OF REFLECTING SURFACE HEIGHT SHALL BE 3' - 4" MAX. IF MOUNTED ABOVE A LAVATORY. OTHERWISE, HEIGHT SHALL NOT EXCEED 2' - 11" MAX.

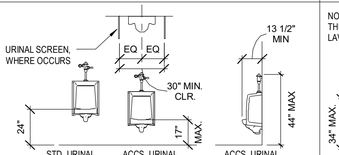


MIRROR / SOAP DISPENSER

NOTE:
1. PROVIDE MINIMUM 30"x48" CLEAR FLOOR SPACE IN FRONT OF ACCESSORY TO ALLOW FORWARD OR PARALLEL APPROACH.
2. HIGHEST OPERABLE PART AT MAX 3'-4" AFF.
3. TOILET ACCESSORY MOUNTING PER 8 A10.71

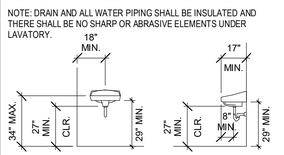


SANITARY NAPKIN VENDOR

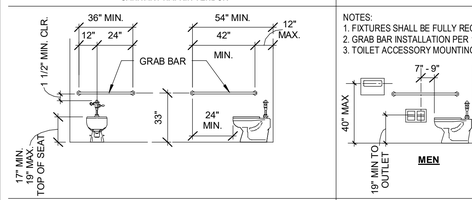


URINAL

NOTE: DRAIN AND ALL WATER PIPING SHALL BE INSULATED AND THERE SHALL BE NO SHARP OR ABRASIVE ELEMENTS UNDER LAVATORY.

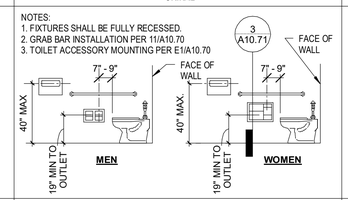


LAVATORY



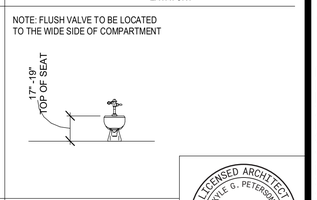
ACCESSIBLE TOILET (INCLUDING SEMI-AMBULATORY)/ GRAB BARS

NOTES:
1. FIXTURES SHALL BE FULLY RECESSED.
2. GRAB BAR INSTALLATION PER 11/A10.70
3. TOILET ACCESSORY MOUNTING PER E1/A10.70



RECESSED TOILET TISSUE DISPENSER AND SEAT COVER

NOTE: FLUSH VALVE TO BE LOCATED TO THE WIDE SIDE OF COMPARTMENT



TOILET

10 A10.71 FIXTURE & ACCESSORY MOUNTING HEIGHTS
1/4" = 1'-0"

Santee
GO RIDES • DOG EXIST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**dre**
Date: **Aug 22, 2025**

INTERWEST
A BuildingConnect Company
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **A10.71**
SHEET 97 OF 294

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - ACCESSORY ITEM TYPES AND MOUNTING HEIGHTS

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SIGNAGE MOUNTING
SEE DETAIL 11/A10.81



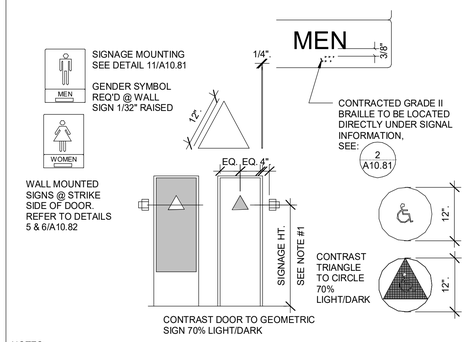
NOTES:
1. SIGN TO BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.

2. FIRE RATED WALL SIGN PER CBC 703.7 SHALL BE PROVIDED AND INSTALLED AT ALL FIRE RATED WALLS THROUGHOUT THE BUILDING.

13 A10.81 RATED WALL SIGN
3" = 1'-0"

SIGNAGE MOUNTING
SEE DETAIL 11/A10.81

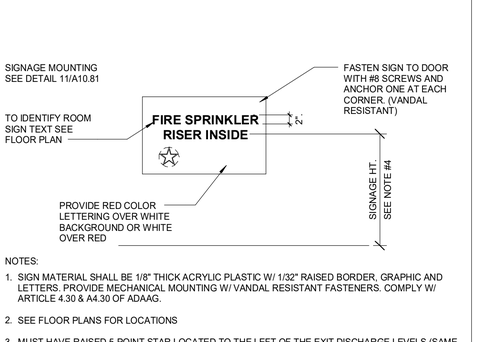
WALL MOUNTED
SIGNS @ STRIKE
SIDE OF DOOR.
REFER TO DETAILS
5 & 6/A10.82



NOTES:
1. SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED 48" MIN. ABOVE F.F., MEASURED FROM THE BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAX. ABOVE F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. 11B-703.4.1.

10 A10.81 TOILET ROOM IDENTIFICATION
1/8" = 1'-0"

SIGNAGE MOUNTING
SEE DETAIL 11/A10.81



NOTES:
1. SIGN MATERIAL SHALL BE 1/8" THICK ACRYLIC PLASTIC W/ 1/32" RAISED BORDER, GRAPHIC AND LETTERS. PROVIDE MECHANICAL MOUNTING W/ VANDAL RESISTANT FASTENERS. COMPLY W/ ARTICLE 4.30 & A4.30 OF ADAAG.

2. SEE FLOOR PLANS FOR LOCATIONS

3. MUST HAVE RAISED 5-POINT STAR LOCATED TO THE LEFT OF THE EXIT DISCHARGE LEVELS (SAME HEIGHT AS RAISED CHARACTER)

4. SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED 48" MIN. ABOVE F.F., MEASURED FROM THE BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAX. ABOVE F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. 1117B.5.7.

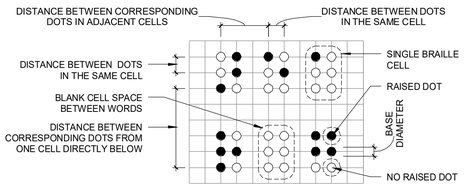
6 A10.81 FIRE SPRINKLER RISER INSIDE SIGN
3" = 1'-0"

SIGNAGE AND GRAPHICS:
RAISED CHARACTERS SHALL COMPLY WITH **CBC SECTION 11B-703.2:**

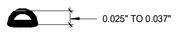
- **DEPTH:** IT SHALL BE 1/32 INCH (0.8 mm) MINIMUM ABOVE THEIR BACKGROUND AND SHALL BE SANS SERIF UPPERCASE AND BE DUPLICATED IN BRAILLE.
- **HEIGHT:** IT SHALL BE 5/8 INCH (15.9 mm) MINIMUM AND 2 INCHES (51 mm) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". **CBC SECTION 11B-703.2.5**
- **FINISH AND CONTRAST:** CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTER SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. **CBC SECTION 11B-703.5.1**
- **PROPORTIONS:** IT SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15% MAXIMUM OF THE HEIGHT OF THE CHARACTER. **CBC SECTIONS 11B-703.2.4 AND 11B-703.2.6**
- **CHARACTER SPACING:** SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL COMPLY WITH **CBC SECTION 11B-703.2.7.**
- **LINE SPACING:** SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT. 11B-703.2.8
- **FORMAT:** TEXT SHALL BE IN A HORIZONTAL FORMAT. **CBC SECTION 11B-703.2.9**
- **BRAILLE:** IT SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH **CBC SECTIONS 11B-703.3 AND 11B-703.4.** BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH **CBC TABLE AND FIGURE 11B-703.3.1.**
- **MOUNTING HEIGHT:** TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48" MINIMUM TO THE BASELINE OF THE LOWEST BRAILLE CELLS AND 60" MAXIMUM TO THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS ABOVE THE FINISH FLOOR OR GROUND SURFACE. **CBC SECTION AND FIGURE 11B-703.4.1**
- **MOUNTING LOCATION:** A TACTILE SIGN SHALL BE LOCATED PER **CBC SECTION AND FIGURE 11B-703.4.2** AS FOLLOWS:
  - ALONGSIDE A SINGLE DOOR AT THE LATCH SIDE.
  - ON THE INACTIVE LEAF AT DOUBLE DOORS WITH ONE ACTIVE LEAF.
  - TO THE RIGHT OF THE RIGHT HAND DOOR AT DOUBLE DOORS WITH TWO ACTVE LEAFS.
  - ON THE NEAREST ADJACENT WALL WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS WITH TWO ACTIVE LEAFS.
  - SO THAT A CLEAR FLOOR SPACE OF 18" X 18" MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.

VISUAL CHARACTERS SHALL COMPLY WITH **CBC SECTION 11B-703.5** AND SHALL BE 40" MINIMUM ABOVE FINISH FLOOR OR GROUND. VISUAL PROPORTIONS OF CHARACTERS SHALL BE,MIN. 10% AND MAX. 20% OF HEIGHT OF CHARACTERS.
PICTOGRAMS SHALL COMPLY WITH **CBC SECTION 11B-703.6.**
SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH **CBC SECTION 11B-703.7.**
VARIABLE MESSAGE SIGNS SHALL COMPLY WITH **CBC SECTION 11B-703.8.**

MEASUREMENT RANGE	MINIMUM TO MAXIMUM (IN INCHES)
DOT BASE DIAMETER	0.059 (1.5MM) TO 0.063 (1.6MM)
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL*	0.100 (2.5MM)
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS*	0.300 (7.6MM)
DOT HEIGHT	0.025 (0.6MM) TO 0.037 (0.9MM)
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW*	0.395 (10MM) TO 0.400 (10.2MM)
* MEASURED CENTER TO CENTER	

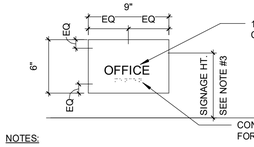


BRAILLE CELL DOT: PROVIDE ROUNDED OR DOMED CALIFORNIA BRAILLE DOTS, EACH DISTINCT AND SEPERATE. DOTS WITH STRAIGHT SIDES & FLAT TOPS ARE NOT READABLE FOR MANY BRAILLE USERS.



2 A10.81 CHARACTER & BRAILLE STANDARDS
3" = 1'-0"

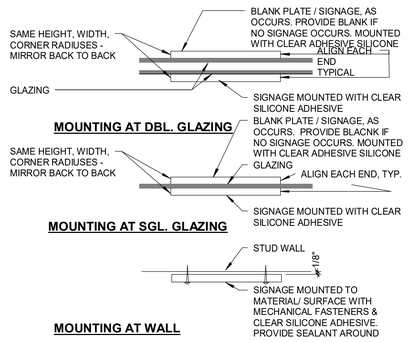
SIGNAGE MOUNTING
SEE DETAIL 11/A10.81



NOTES:
1. SIGN MATERIAL TO BE 1/8" THICK ACRYLIC PLASTIC, WITH 1/32" RAISED BORDER, GRAPHICS, AND LETTERS. PROVIDE MECHANICAL MOUNTING WITH VANDAL RESISTANT FASTENERS.
2. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (457 MM) MINIMUM BY 18 INCHES (457 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.
3. SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE LOCATED 48" MIN. ABOVE F.F., MEASURED FROM THE BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAX. ABOVE F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. 11B-703.4.1.

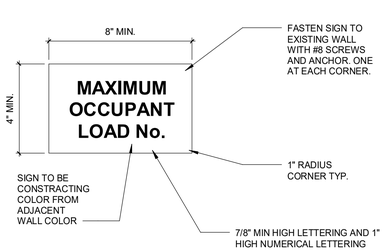
14 A10.81 ROOM SIGNAGE
1 1/2" = 1'-0"

12 A10.81 TACTILE EXIT SIGNAGE
3" = 1'-0"



11 A10.81 ROOM IDENTIFICATION SIGN MOUNTING
3" = 1'-0"

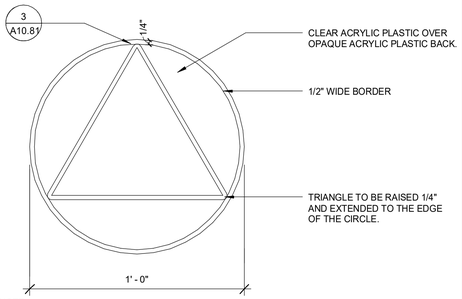
SIGNAGE MOUNTING
SEE DETAIL 11/A10.81



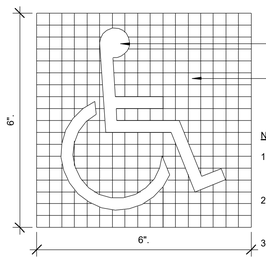
NOTE:
THIS SIGN SHALL BE PROVIDED IN ALL ROOMS

REFER TO EXITING ANALYSIS PLAN G1.21 FOR OCCUPANCY LOAD

8 A10.81 OCCUPANT LOAD SIGN
1 1/2" = 1'-0"



NOTE:
1. ALL PICTOGRAMS, BACKGROUND COLOR, LETTERING AND BORDERS TO BE PAINTED ON INTERIOR FACE OF CLEAR PLASTIC. BACKGROUND COLOR SHOULD CONTRAST THE DOOR COLOR.
2. LOCATE PER DETAIL 10/A10.81



NOTES
1. GRID LINES ARE SHOWN FOR PROPORTION ONLY AND ARE NOT TO APPEAR AS PART OF SYMBOL.
2. SIGNAGE SHALL COMPLY WITH SECTION 11B-703.7.2.1 CALIFORNIA BUILDING CODE.
3. SIGN MATERIAL TO BE 1/3" THICK ACRYLIC PLASTIC, WITH 1/32" RAISED BORDER, GRAPHICS, AND LETTERS. PROVIDE MECHANICAL MOUNTING WITH VANDAL RESISTANT FASTENERS. COMPLY WITH ARTICLE 4.30 B A4.30 OF THE ADAS. PROVIDE SIGN WHERE INDICATED ON PLANS.

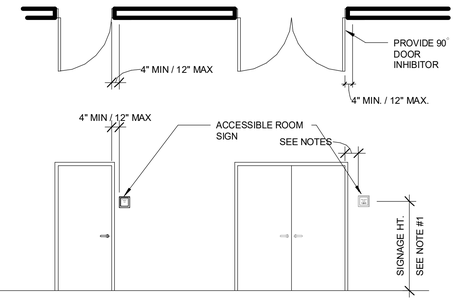
NOTE:
ISA COLOR AND PROPORTIONS SHALL MATCH CBC FIGURE 11B-703.7.2.1 -TYP.

1 A10.81 DOOR SIGNAGE LOCATIONS
1/4" = 1'-0"

NOTES:

1. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. SIGNS WITH RAISED CHARACTERS AND BRAILLE SHALL BE MOUNTED 48" MIN. ABOVE F.F., MEASURED FROM THE BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAX. ABOVE F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS (1117B.5.7). MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR. FOR PAIRS OF DOORS WHERE DOOR SWING IS LIMITED TO 90 DEGREE MOUNT SIGN 9" FROM EDGE OF DOOR. FOR PAIRS OF DOORS WHERE MOUNT SIGN DOOR WIDTH PLUS 9" FROM EDGE OF DOOR.
4. SIGNS SHALL BE INSTALLED CENTERED ON THE DOOR. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. THE COLOR AND CONTRAST OF THE SIGN SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.

3. IF SIGN IS MOUNTED TO GLAZING, FOR MORE INFORMATION SEE DETAIL 11 / A10.81



5 A10.81 ACCESSIBILITY SIGN
1/8" = 1'-0"

Santee
SO MUCH TO SEE!
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

iw INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT
KYLE S. PETERSEN
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

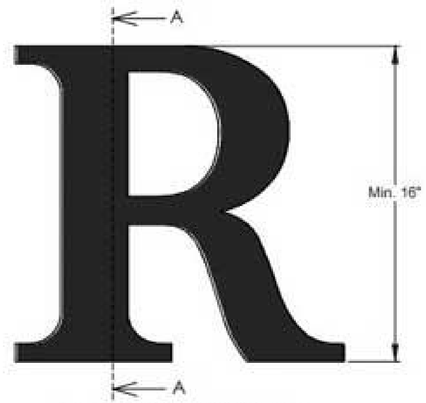
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

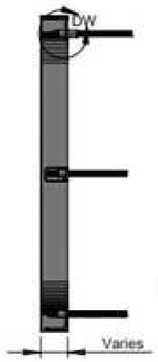
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A10.81
	SHEET 98 OF 294

SANTEE COMMUNITY CENTER - SIGNAGE DETAILS

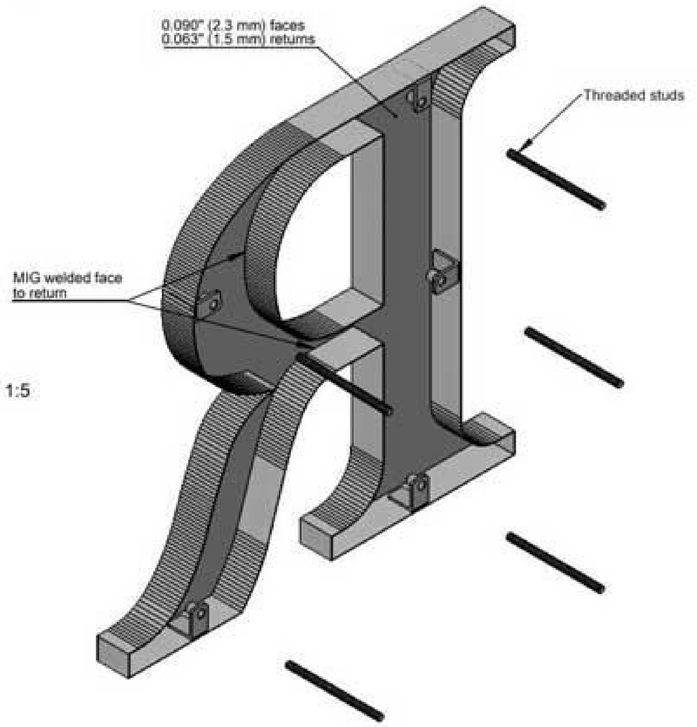
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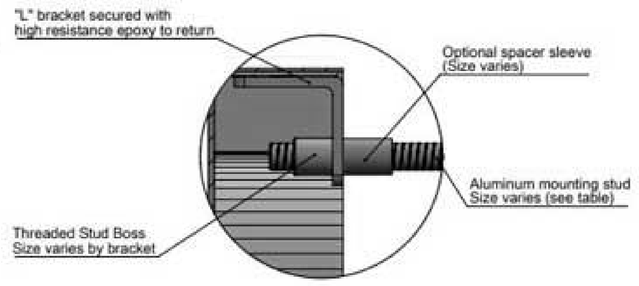
FRONT VIEW II SCALE 1:5



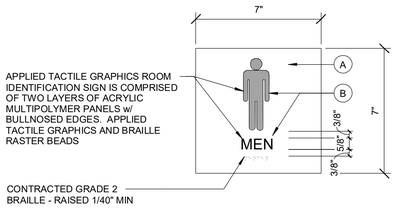
SECTION A-A II SCALE 1:5



ISOMETRIC BACK VIEW II SCALE 1:3

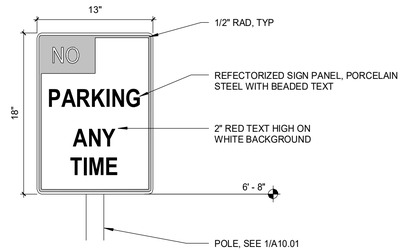


DETAIL DW II SCALE 1:1

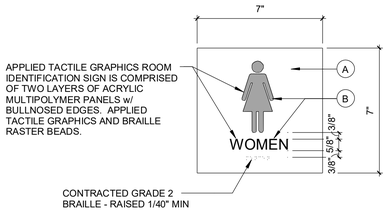


6 / A10.82 RESTROOM SIGNAGE
3" = 1'-0"

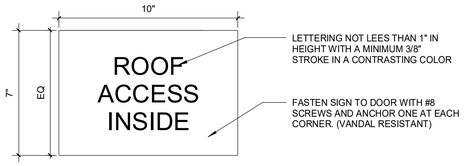
Keynotes:



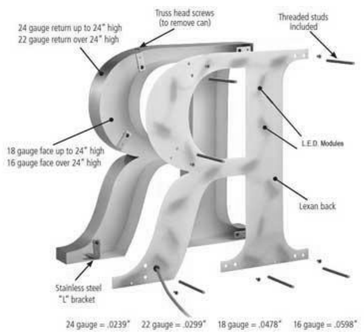
3 / A10.82 NO PARKING SIGN
1 1/2" = 1'-0"



SIGNAGE MOUNTING
SEE DETAIL 11/A10.81

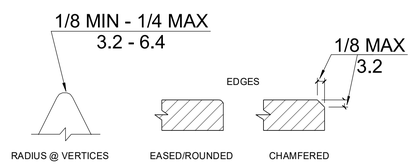


2 / A10.82 ROOF ACCESS INSIDE
3" = 1'-0"



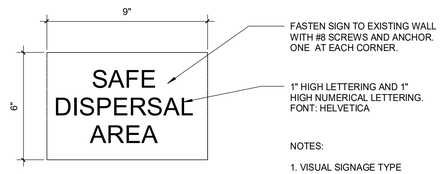
9 / A10.82 EXTERIOR SIGNAGE - LIGHTED LETTER
3" = 1'-0"

EDGES AND VERTICES ON GEOMETRIC SYMBOLS



NOTE:
EDGES SHALL BE EASED OR ROUNDED AT 1/16 INCH (1,59 mm) MINIMUM, OR CHAMFERED AT 1/8 INCH (3.2 mm) MAXIMUM. VERTICES SHALL BE RADIUSED BETWEEN 1/8 INCH (3.2 mm) MINIMUM AND 1/4 INCH (6.4 mm) MAXIMUM. 11B-703.7.2.6.4

8 / A10.82 EDGE & VERTICES ON GEOMETRIC SYMBOLS
3" = 1'-0"



4 / A10.82 SAFE DISPERSAL AREA SIGN
3" = 1'-0"

Santee
DO MORE • DOE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:07 PM

LICENSED ARCHITECT
KYLE G. PETERSEN
C-32652
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
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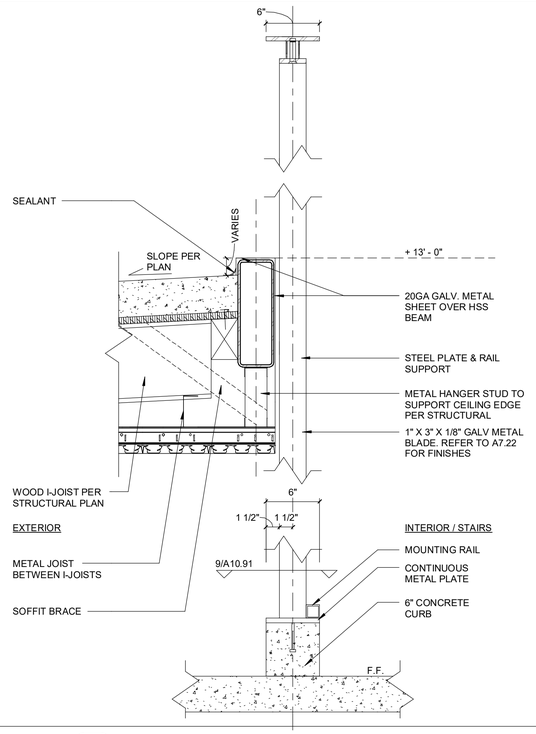
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A10.82
	SHEET 99 OF 294

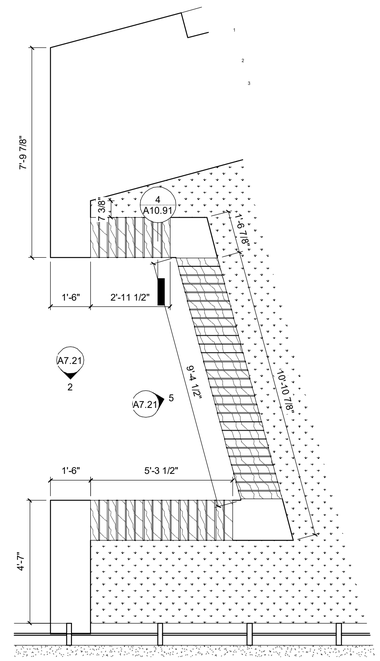
100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - SIGNAGE DETAILS

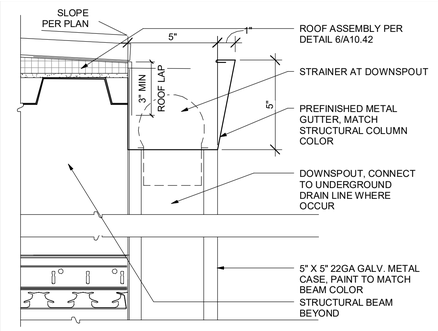
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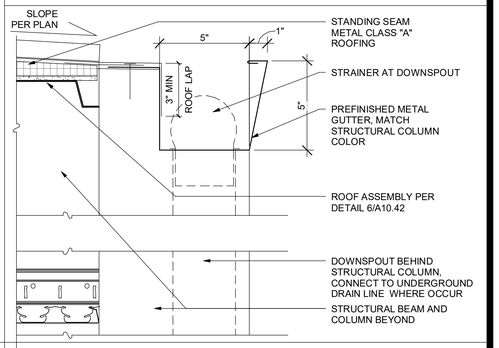
8 A10.91 EXTERIOR STAIR LOUVER PANEL - SECTION
1 1/2" = 1'-0"



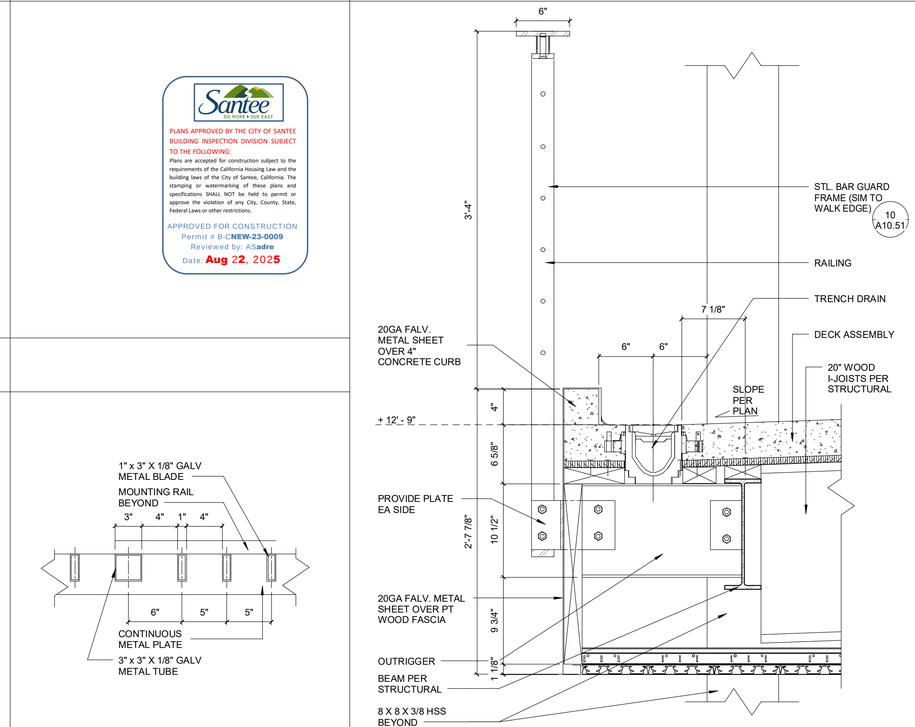
6 A10.91 ENLARGED PLAN - LOBBY BENCH
3/8" = 1'-0"



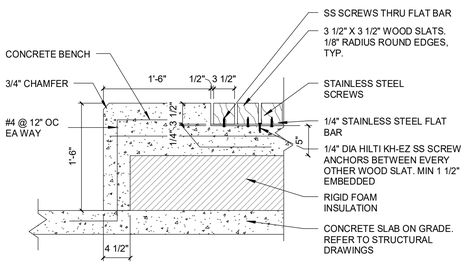
3 A10.91 CANOPY GUTTER - 2ND FLOOR
3" = 1'-0"



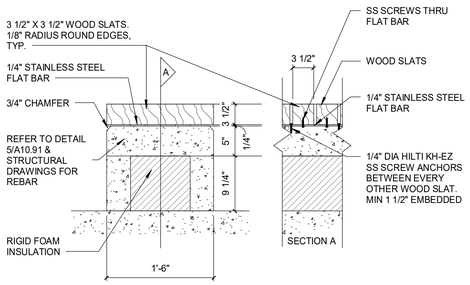
2 A10.91 CANOPY GUTTER
3" = 1'-0"



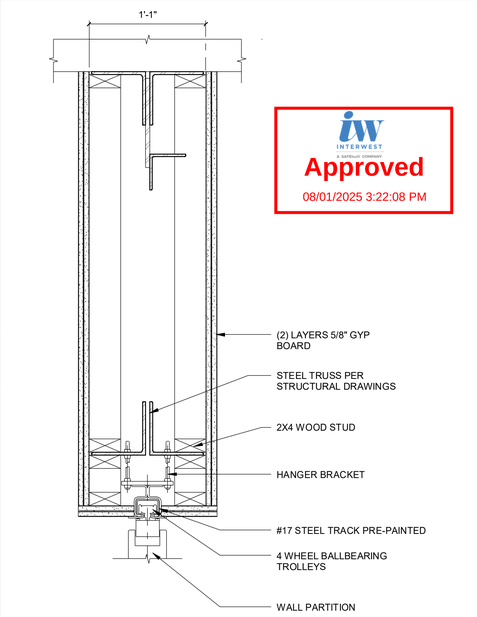
7 A10.91 TRENCH DRAIN DETAIL @ 2ND FLOOR DECK
1 1/2" = 1'-0"



5 A10.91 CONCRETE BENCH
1" = 1'-0"



4 A10.91 CONCRETE BENCH
1" = 1'-0"



1 A10.91 WALL PARTITION DETAIL
1 1/2" = 1'-0"

9 A10.91 EXTERIOR STAIR LOUVER PANEL - PLAN
1 1/2" = 1'-0"

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASandre
Date: Aug 22, 2025

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:08 PM

LICENSED ARCHITECT KYLE G. PETERSEN C-32052 REN. 05/31/27 STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

SANTEE COMMUNITY CENTER - MISCELLANEOUS DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

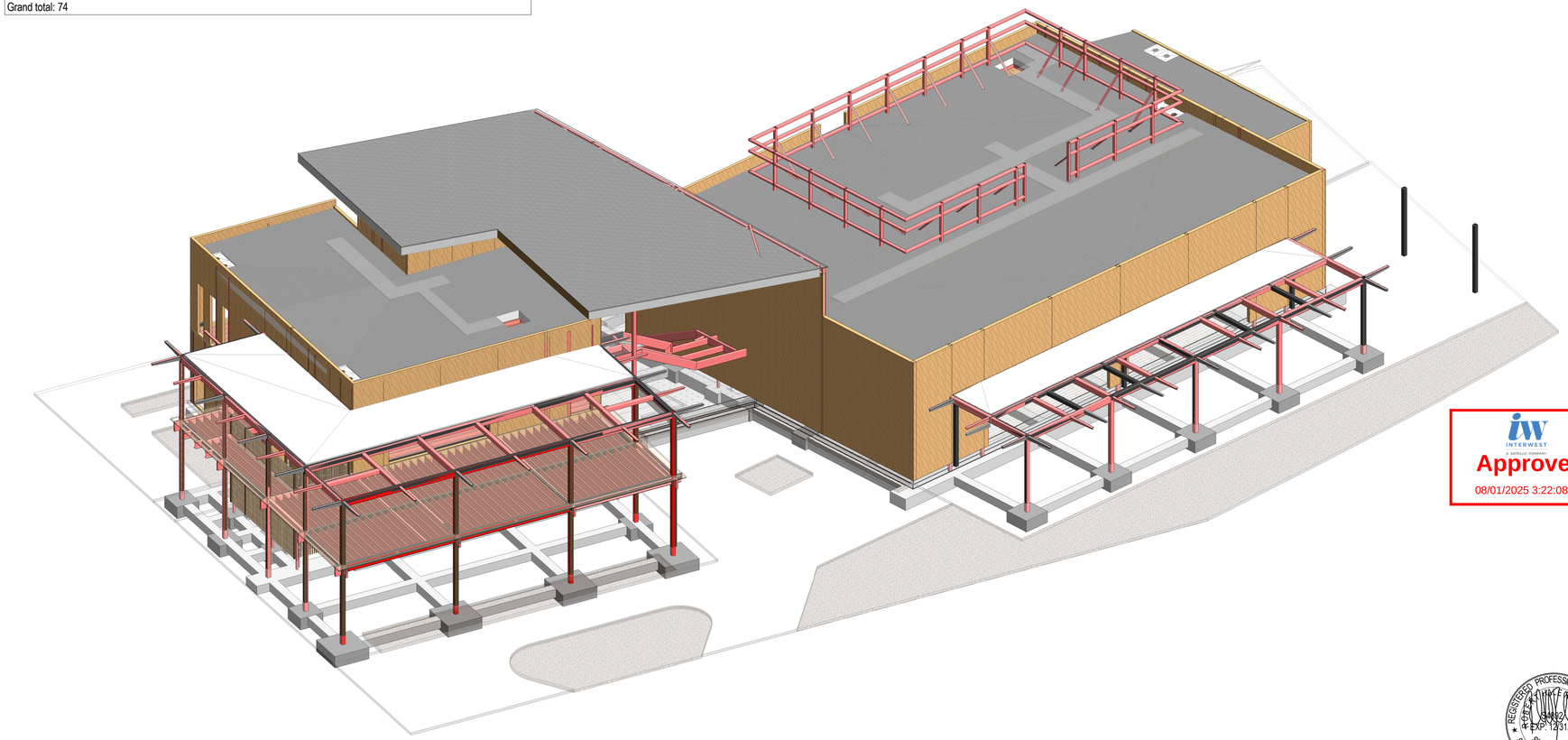
DRAWING NO.: A10.91
SHEET 100 OF 294

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CITY OF SANTEE COMMUNITY CENTER

Sheet Number	Sheet Name	Issue For 01
S0.XX SERIES - GENERAL		
S0.00	COVER SHEET AND SHEET LIST	
S0.01	GENERAL NOTES	
S0.02	GENERAL NOTES	
S0.03	GENERAL NOTES	
S0.04	GENERAL NOTES	
S0.05	GENERAL NOTES	
S0.06	GENERAL NOTES	
S0.07	ABBREVIATIONS	
S0.XX SERIES - TYPICAL DETAILS		
S0.11	TYPICAL REINFORCING STEEL DETAILS	
S0.12	TYPICAL REINFORCING STEEL DETAILS	
S0.13	TYPICAL CONCRETE DETAILS	
S0.14	TYPICAL CONCRETE DETAILS	
S0.21	TYPICAL MASONRY DETAILS	
S0.22	TYPICAL MASONRY DETAILS	
S0.31	TYPICAL STEEL DETAILS	
S0.32	TYPICAL STEEL DETAILS	
S0.33	TYPICAL STEEL DETAILS	
S0.34	TYPICAL STEEL DETAILS	
S0.41	TYPICAL METAL DECK AND STEEL DETAILS	
S0.42	TYPICAL METAL DECK AND STEEL DETAILS	
S0.51	TYPICAL METAL STUD DETAILS	
S0.52	TYPICAL METAL STUD DETAILS	
S0.53	TYPICAL METAL STUD DETAILS	
S0.71	TYPICAL WOOD DETAILS	
S0.72	TYPICAL WOOD DETAILS	
S0.73	TYPICAL WOOD DETAILS	
S0.74	TYPICAL WOOD DETAILS	
S0.75	TYPICAL WOOD DETAILS	
S0.76	TYPICAL WOOD DETAILS	
S0.77	TYPICAL WOOD DETAILS	
S0.78	TYPICAL I - JOIST DETAILS	
S0.79	TYPICAL I - JOIST DETAILS	
S0.81	TYPICAL SHEAR WALL DETAILS	
S0.82	TYPICAL SHEAR WALL DETAILS	
S0.91	MISCELLANEOUS DETAILS	
S0.92	MISCELLANEOUS DETAILS	
S0.93	MISCELLANEOUS DETAILS	
S1.XX SERIES - OVERALL PLANS		
S1.01	3D ISOMETRIC VIEWS	
S1.11	OVERALL FOUNDATION PLAN	
S1.21	OVERALL 2ND FLOOR FRAMING PLAN	
S1.31	OVERALL ROOF FRAMING PLAN	
S2.XX SERIES - PLANS		
S2.11A	FOUNDATION PLAN - SEGMENT A	
S2.11B	FOUNDATION PLAN - SEGMENT B	
S2.21A	2ND FLOOR FRAMING PLAN - SEGMENT A	
S2.21B	LOW ROOF FRAMING PLAN - SEGMENT B	
S2.31A	MAIN ROOF FRAMING PLAN - SEGMENT A	
S2.31B	MAIN ROOF FRAMING PLAN - SEGMENT B	
S2.41A	HIGH ROOF FRAMING PLAN - SEGMENT A	
S2.61A	FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A	
S2.61B	FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT B	
S2.62A	SECOND FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A	
S3.XX SERIES - CONCRETE FOUNDATION SCHEDULES		
S3.01	FOUNDATION SCHEDULE AND DETAILS	
S3.02	FOUNDATION DETAILS	
S3.03	ENLARGED FOUNDATION PLAN AND SECTIONS	
S4.XX SERIES - WALL SECTIONS		
S4.01	WALL SECTIONS	
S4.02	WALL SECTIONS	
S4.03	WALL SECTIONS	
S4.04	WALL SECTIONS	
S4.05	WALL SECTIONS	
S4.06	WALL SECTIONS	
S4.07	WALL SECTIONS	
S5.XX SERIES - SHEAR WALL, TRUSS & MOMENT FRAME ELEVATIONS		
S5.01	SHEAR WALL ELEVATIONS	
S5.02	SHEAR WALL ELEVATIONS	
S5.03	SHEAR WALL ELEVATIONS	
S5.04	SHEAR WALL ELEVATIONS	
S5.05	SHEAR WALL ELEVATIONS	
S5.11	MOMENT FRAME ELEVATIONS AND DETAILS	
S6.XX SERIES -DETAILS AND SECTIONS		
S6.01	DETAILS AND SECTIONS	
S6.02	DETAILS AND SECTIONS	
S6.03	DETAILS AND SECTIONS	
S7.XX SERIES -DETAIL		
S7.01	STAIR PLAN & ELEVATION AND DETAILS	
S7.02	STAIR PLAN & ELEVATION AND DETAILS	
S7.03	STAIR DETAILS	
S10.XX SERIES -DETAIL		
S10.01	TRASH ENCLOSURE PLANS AND DETAILS	
Grand total: 74		



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PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:08 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - COVER SHEET AND SHEET LIST

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.00**
SHEET 101 OF 294

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100% CONSTRUCTION DOCUMENTS - 01/12/2024

FOUNDATIONS (CONTINUED)

10. CONTRACTOR TO PROVIDE FOR DEWATERING OF EXCAVATIONS FROM SURFACE WATER, GROUND WATER OR SEEPAGE. DEWATERING SHALL EFFECTIVELY ELIMINATE ANY HYDROSTATIC PRESSURE ON SHORING. ENSURE THAT CONTAMINATED WATER IS NOT DISPOSED OF IN PUBLIC SEWER OR STORM DRAIN SYSTEM AND ENSURE THAT DIRTY WATER IS NOT DISPOSED OF INTO PUBLIC RIGHT-OF-WAY.

11. UNLESS ADEQUATELY BRACED AND SHORED, RETAINING WALLS SHALL NOT BE BACKFILLED UNTIL WALLS HAVE ATTAINED FULL DESIGN STRENGTH. FOR PIT WALLS AND BUILDING WALLS BELOW GRADE, BRACING AND SHORING SHALL REMAIN IN PLACE UNTIL ATTACHED FLOORS ARE PLACED, CURED FOR AT LEAST 7 DAYS, AND HAVE ATTAINED FULL DESIGN STRENGTH. BACKFILL PLACED IMMEDIATELY BEHIND RETAINING WALLS SHALL BE COMPACTED WITH HAND OPERATED EQUIPMENT.

12. SIDEWALKS OR PAVING IMMEDIATELY ADJACENT TO BUILDING PERIMETER SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING. LANDSCAPE IRRIGATION IS NOT PERMITTED WITHIN FIVE FEET OF BUILDING PERIMETER FOOTINGS EXCEPT WHEN ENCLOSED IN PROTECTED PLANTERS THAT DIRECT DRAINAGE AWAY FROM STRUCTURE AND FOUNDATIONS. DISCHARGE FROM DOWNSPOUTS, ROOF DRAINS AND SCUPPERS IS NOT PERMITTED ONTO UNPROTECTED SOILS WITHIN FIVE FEET OF BUILDING PERIMETER.

13. FOR EXCAVATION PROFILE, SEE **3** / **S3.02**.

SOIL (GROUND) IMPROVEMENTS

1. DUE TO PRESENCE OF LOOSE TO MEDIUM DENSE SANDY SOILS, HIGH SEISMIC SETTLEMENT IS ANTICIPATED IN UNTREATED SOIL DUE TO LIQUEFACTION PHENOMENON.

2. PROPOSED BUILDING SHALL BE SUPPORTED ON TREATED SOIL (MITIGATED SOIL) TO ACCOMMODATE THE STATIC AND SEISMIC DIFFERENTIAL SETTLEMENT OF LESS THAN 0.006L FOR A RISK CATEGORY III BUILDING IN COMPLIANCE WITH REQUIREMENTS OF TABLE 12.13-3 OF ASCE 7-16.

3. SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN & CONSTRUCTION OF SOIL TREATMENT METHOD AS ACCEPTABLE BY GEOTECHNICAL ENGINEER AND SHALL SUBMIT THE PROPOSED PERFORMANCE CRITERIA, CALCULATIONS AND OVERALL LAYOUT. IF PIERS ARE SELECTED PROVIDE MINIMUM AND MAXIMUM SPACING OF PIERS, AREA REPLACEMENT RATIO, PIER DIAMETER & DEPTH AND SETTLEMENT VALUES TO THE GEOTECHNICAL ENGINEER FOR REVIEW AND APPROVAL.

4. SOIL TREATMENT REVIEW AND APPROVAL IS REQUIRED PRIOR TO THE START OF CONSTRUCTION OF WORK, INCLUDING BUILDING FOUNDATIONS.

5. SOIL TREATMENT METHOD SHALL PROVIDE THE MINIMUM BEARING CAPACITY, COEFFICIENT OF FRICTION, PASSIVE PRESSURE AND SUBGRADE MODULUS AS INDICATED IN "FOUNDATIONS" GENERAL NOTE #2 TABLE PROVIDED ON THIS SHEET.

6. THE GEOTECHNICAL ENGINEER SHALL SUBMIT A COMPREHENSIVE REPORT DOCUMENTING FINAL SOIL IMPROVEMENTS CONSTRUCTED, CONSTRUCTION OBSERVATIONS, AND THE RESULTS OF THE CONFIRMATION TESTING AND ANALYSIS TO THE GOVERNING AUTHORITY. THE PROJECT FOUNDATION CONSTRUCTION SHALL NOT COMMENCE UNTIL FINAL GOVERNING AUTHORITY ACCEPTANCE LETTER IS ISSUED.

7. IN ADDITION TO THE GROUND IMPROVEMENTS, REFER TO **3** / **S3.02** AND GEOTECHNICAL REPORT FOR ADDITIONAL REMEDIAL GRADING.

DEFERRED APPROVALS

THE FOLLOWING ITEMS OF WORK ARE TO BE DESIGNED PER PERFORMANCE CERTIFICATION AND SUBMIT FOR DEFERRED APPROVAL:

- ALL STOREFRONTS & CURTAINWALLS
- ELEVATOR GUIDERAILS
- PV PANELS & SUPPORTS

THE DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW THEM, AND FORWARD THEM TO THE GOVERNING AUTHORITY WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL HAS BEEN APPROVED BY THE GOVERNING AUTHORITY.

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PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**sadre**
Date: **Aug 22, 2025**

GENERAL (CONTINUED)

21. NON-STRUCTURAL ITEMS, INCLUDING BUT NOT LIMITED TO, STAIR FRAMING, ARCHITECTURAL CLADDING, ETC., WHEN NOT DETAILED ON THE STRUCTURAL OR ARCHITECTURAL DRAWINGS, SHALL BE THE DESIGN RESPONSIBILITY OF THE CONTRACTOR. THESE NON-STRUCTURAL ITEMS MAY BE SUPPORTED BY THE STRUCTURE UPON APPROVAL OF THE SEOR PRIOR TO INSTALLATION, BUT SHALL NOT IMPOSE TORSIONAL LOADS ONTO THE PRIMARY SUPPORT MEMBERS. PROVIDE BRACES, KICKERS, STIFFENERS, ETC., AS NECESSARY, TO ELIMINATE TORSIONAL LOADS AT NO ADDITIONAL COSTS TO THE OWNER.

22. HANGING LOADS AND BRACING SHALL NOT IMPOSE ANY LATERAL OR TORSIONAL FORCES ON THE WOOD FRAMING OR STEEL BEAM BOTTOM FLANGES. HANGERS SHALL BE CONCENTRIC TO WOOD AND STEEL BEAMS. LATERAL BRACES SHALL BE CONNECTED TO THE TOP FLANGE OF STEEL BEAMS AND UPPER 1/3 OF WOOD JOISTS & BEAMS, BOTH OF WHICH ARE CONNECTED TO METAL DECK AND/OR FLOOR/ROOF SHEATHING. HANGER AND LATERAL BRACES SHALL NOT BE CONNECTED TO BARE METAL DECK OR FLOOR/ROOF WOOD SHEATHING.

FOUNDATIONS

1. DESIGN OF FOUNDATION SYSTEM BASED ON RECOMMENDATIONS IN GEOTECHNICAL ENGINEERING INVESTIGATION REPORT BY GROUP DELTA CONSULTANTS, INC, DATED JUNE 15, 2022 (PROJECT No. IR786) AND ALL SUBSEQUENT ADDENDA. GEOTECHNICAL REPORT AND ADDENDA SHALL BE CONSIDERED PART OF THESE CONTRACT DOCUMENTS AND SHALL BE KEPT AT JOB SITE AT ALL TIMES.

2. BUILDING STRUCTURES FOUNDATION DESIGN VALUES:

ITEM	DESIGN VALUE
ALLOWABLE BEARING PRESSURE **	4,000 PSF
ALLOWABLE BEARING CAPACITY INCREASE	1/3 (SHORT TERM LOADING)
MINIMUM WIDTH	24 INCHES (PAD FOOTINGS) 18 INCHES (CONTINUOUS FOOTINGS)
MIN BOTTOM OF FTG BELOW LOWEST ADJACENT GRADE	18 INCHES
ALLOWABLE PASSIVE PRESSURE	300 PCF
MAX ALLOWABLE PASSIVE PRESURE	N/A
COEFFICIENT OF FRICTION	0.35
PASSIVE PRESSURE INCREASE	1/3 (SHORT TERM LOADING)
TOTAL LATERAL RESISTANCE	FRICTION + PASSIVE RESISTANCE

** FINAL BEARING CAPACITY SHALL BE CONFIRMED BY THE SOIL TREATMENT (GROUND IMPROVEMENT) SPECIALTY CONTRACTOR AND VERIFIED BY GEOTECHNICAL ENGINEER OF RECORD. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION ON SOIL IMPROVEMENTS.

3. ANCILLARY STRUCTURES FOUNDATION DESIGN VALUES:

ITEM	DESIGN VALUE
ALLOWABLE BEARING PRESSURE **	1,500 PSF
ALLOWABLE BEARING CAPACITY INCREASE	1/3 (SHORT TERM LOADING)
MINIMUM WIDTH	18 INCHES
MIN BOTTOM OF FTG BELOW LOWEST ADJACENT GRADE	18 INCHES
ALLOWABLE PASSIVE PRESSURE	300 PCF
MAX ALLOWABLE PASSIVE PRESURE	N/A
COEFFICIENT OF FRICTION	0.35
PASSIVE PRESSURE INCREASE	1/3 (SHORT TERM LOADING)
TOTAL LATERAL RESISTANCE	FRICTION + PASSIVE RESISTANCE
CANTILEVERED RETAINING WALL DESIGN EQUIVALENT FLUID PRESSURE	34 PSF /FT OF DEPTH - ACTIVE PRESSURE W/ LEVEL BACKFILL
SEISMIC EARTH PRESSURE (WALLS W/ 6 FT OR GREATER RETAINED HEIGHT)	ADD 19 PSF/FT TO ACTIVE PRESSURE

NOTE: ANCILLARY CRITERIA ABOVE APPLIES TO SITE RETAINING WALLS/FTGS & TRASH ENCLOSURE FOOTINGS. ** FOOTING BOTTOMS SHALL BEAR ON AT LEAST 2 FEET OF COMPACTED FILL.

4. FOUNDATIONS MAY BE CAST DIRECTLY AGAINST EXCAVATIONS PROVIDED EXCAVATION IS CAPABLE OF MAINTAINING A VERTICAL CUT WITHOUT SLOUGHING. FOUNDATION DIMENSION SHALL BE ENLARGED BY AN ADDITIONAL ONE INCH IN THE DIRECTION OF THE SIDE CAST AGAINST EARTH.

5. CONCRETE SHALL NOT BE PLACED ON FROZEN GRADE. IF FOOTING IS SUBJECT TO FREEZING TEMPERATURES AFTER FOUNDATION CONSTRUCTION, THEN FOOTING SHALL BE ADEQUATELY PROTECTED FROM FREEZING.

6. EXCAVATION, BACKFILL, AND COMPACTION SHALL BE DONE IN STRICT ACCORDANCE WITH GEOTECHNICAL ENGINEERING INVESTIGATION REPORT RECOMMENDATIONS.

7. FOUNDATION EARTHWORK SHALL BE OBSERVED BY A QUALIFIED GEOTECHNICAL ENGINEER, RETAINED BY OWNER AND SATISFACTORY TO ARCHITECT (STRUCTURAL ENGINEER) AND GOVERNING CODE AUTHORITY GEOTECHNICAL ENGINEER TO PERFORM REQUIRED OBSERVATIONS OF THIS CONTRACT. CONTRACTOR TO PERFORM SPECIAL INSPECTIONS AND TESTING PER CBC SECTION 1705.6.

8. FOUNDATION EXCAVATION, BACKFILLING, AND COMPACTION SHALL BE OBSERVED AND APPROVED BY A GEOTECHNICAL ENGINEER AND THE GOVERNING AGENCY PRIOR TO PLACING REINFORCING STEEL AND CONCRETE. GEOTECHNICAL ENGINEER SHALL PROVIDE A LETTER OF COMPLIANCE TO THE OWNER.

9. TEMPORARY CUT SLOPES SHALL NOT EXCEED THOSE RECOMMENDED IN THE GEOTECHNICAL ENGINEERING INVESTIGATION REPORT. DO NOT PERMIT ANY PERSON TO DESCEND INTO TRENCHES OR EXCAVATIONS GREATER THAN FIVE FEET IN DEPTH UNLESS NECESSARY PERMIT FROM STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY IS OBTAINED PRIOR TO ISSUANCE OF BUILDING OR GRADING PERMIT. CONTRACTOR TO PROVIDE FOR DESIGN, PERMIT, AND INSTALLATION OF ALL SHORING AND SHEATHING NECESSARY TO SAFELY RETAIN EARTH BANKS.

GENERAL (CONTINUED)

7. GOVERNING CODE AUTHORITY: CITY OF SANTEE, DEVELOPMENT SERVICES DIVISION.

8. CONTRACT DOCUMENTS INDICATE INFORMATION SUFFICIENT TO CONVEY DESIGN INTENT. REVIEW CONTRACT DOCUMENTS AND VERIFY FIELD AND EXISTING CONDITIONS. PROMPTLY NOTIFY ARCHITECT (STRUCTURAL ENGINEER), PRIOR TO PROCEEDING WITH WORK, IF FURTHER CLARIFICATION OF DESIGN INTENT IS NEEDED.

9. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ARCHITECT (STRUCTURAL ENGINEER) OF ANY DISCREPANCIES.

10. PERFORM STRUCTURAL RELATED WORK AND DEVELOP SHOP DRAWINGS CONSIDERING CONTRACT DOCUMENTS IN THEIR ENTIRETY. CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED AS DETAILED FOR SIMILAR WORK.

11. CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION. PROVIDE ALL NECESSARY MEASURES TO PROTECT THE STRUCTURE DURING CONSTRUCTION. COMPLY WITH THE STATE OF CALIFORNIA, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH REGULATIONS. CONSTRUCTION MATERIALS, IF PLACED ON FRAMED FLOORS AND ROOFS, SHALL BE SPREAD OUT SUCH THAT THE DESIGN LIVE LOAD PER SQUARE FOOT IS NOT EXCEEDED. PROVIDE ADEQUATE SHORING IF OVERLOAD IS ANTICIPATED OR WHERE STRUCTURAL ELEMENTS HAVE NOT ATTAINED FULL DESIGN STRENGTH. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT CONSTITUTE ACCEPTANCE OF CONSTRUCTION MEANS AND METHODS.

12. SUBMIT SHOP DRAWINGS FOR REVIEW BEFORE FABRICATION. CONTRACTOR SHALL REVIEW FOR COMPLETENESS AND COMPLIANCE WITH CONTRACT DOCUMENTS PRIOR TO SUBMISSION TO ARCHITECT (STRUCTURAL ENGINEER). ARCHITECT'S (STRUCTURAL ENGINEER'S) REVIEW IS FOR GENERAL CONFORMANCE WITH DESIGN INTENT AND DOES NOT CONSTITUTE AN AUTHORIZATION TO DEVIATE FROM TERMS AND CONDITIONS OF CONTRACT. WHEN INDICATED, THE SUBMITTAL SHALL BE SIGNED AND SEALED BY A PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. MAINTAIN AT SITE A COPY OF REVIEWED AND ACCEPTED SUBMITTALS.

13. MODIFICATIONS AND SUBSTITUTIONS MUST BE ACCEPTED IN WRITING BY ARCHITECT (STRUCTURAL ENGINEER). NO MODIFICATION OR SUBSTITUTION WILL BE ACCEPTED VIA SHOP DRAWING REVIEW. MANUFACTURED MATERIALS SHALL BE APPROVED BY THE GOVERNING CODE AUTHORITY PRIOR TO THEIR USE. ADHERE TO ALL CONDITIONS OF THOSE APPROVALS. MODIFICATIONS AND SUBSTITUTIONS ACCEPTED BY THE ARCHITECT (STRUCTURAL ENGINEER) SHALL BE IDENTIFIED IN THE SHOP DRAWINGS.

14. EQUIPMENT MANUFACTURER SHALL PROVIDE EQUIPMENT ANCHORAGE TO THE STRUCTURE MEETING THE REQUIREMENTS OF ASCE/SEI 7, CHAPTER 13.6. USE ISOLATORS, FASTENERS AND BRACING HAVING CURRENT ICC-ES OR IAPMO UES EVALUATION REPORT. EQUIPMENT ANCHORAGE SHALL BE CAPABLE OF TRANSMITTING CODE REQUIRED LATERAL LOADS BUT IN NO EVENT LESS THAN A LATERAL LOAD EQUIVALENT TO 50 PERCENT OF THE OPERATING WEIGHT OF EQUIPMENT. SECURE SUSPENDED EQUIPMENT WITH LATERAL OR SWAY BRACING HAVING CURRENT ICC-ES OR IAPMO UES EVALUATION REPORT.

15. PIPING AND DUCTWORK BRACING SHALL BE IN ACCORDANCE WITH THE SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION (SMACNA) "SEISMIC RESTRAINT MANUAL - GUIDELINES FOR MECHANICAL SYSTEMS", INCLUDING ADDENDA.

16. "TYPICAL DETAILS" ARE APPLICABLE THROUGHOUT CONSTRUCTION DOCUMENTS AND MAY NOT BE SPECIFICALLY REFERENCED THEREIN. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THESE TYPICAL DETAILS AND UNDERSTANDING EXTENT OF THEIR APPLICATION PRIOR TO PERFORMING WORK.

17. UNLESS SPECIFICALLY SHOWN ON THE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, DRILLED OR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER.

18. UNLESS NOTED ON STRUCTURAL DRAWINGS, SEE ARCHITECTURAL DRAWINGS FOR:

A. SIZE AND LOCATION OF DOOR AND WINDOW OPENINGS IN STRUCTURAL WALLS
B. SIZE AND LOCATION OF FLOOR AND ROOF OPENINGS AND SLAB EDGES
C. SIZE AND LOCATION OF NON-BEARING CMU WALLS AND OPENINGS THEREIN
D. SIZE AND LOCATION OF CONCRETE CURBS, SLOPES, DEPRESSIONS, CHANGES IN LEVEL, CHAMFERS AND REVEALS, INSERTS FOR FINISH SYSTEMS.
E. EXTERIOR WALL SYSTEM AND LOCATION
F. STAIR SIZE AND LOCATION, FRAMING AND DETAILS
G. DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS

19. SEE MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS FOR:

A. SIZE AND LOCATION OF EQUIPMENT PADS, EQUIPMENT ANCHORAGE TO STRUCTURE, AND EQUIPMENT WEIGHTS
B. ANCHORAGE OF DUCTWORK, PIPING, ELECTRICAL CONDUITS TO STRUCTURE
C. ELECTRICAL CONDUIT RUNS, OUTLETS AND BOXES IN CONCRETE SLABS AND WALLS
D. PIPE SLEEVES, TRENCHES, AND OPENINGS THROUGH WALLS AND SLABS FOR DUCTWORK, PIPE RUNS, ELECTRICAL CONDUIT RUNS

20. MECHANICAL, ELECTRICAL AND PLUMBING LOADS SHALL BE SUPPORTED FROM BEAMS. EXCEPTION: LIGHT MECHANICAL, ELECTRICAL AND PLUMBING LOADS MAY BE SUPPORTED BY CONCRETE-ON-METAL DECK ASSEMBLY, BUT MUST BE ANCHORED INTO STRUCTURAL CONCRETE BY A SYSTEM HAVING CURRENT ICC-ES OR IAPMO UES EVALUATION REPORT.

GENERAL

1. ALL WORK SHALL CONFORM TO THE STANDARDS OF THE 2022 CALIFORNIA BUILDING CODE, AS AMENDED BY THE CITY OF SANTEE, AND THOSE CODES AND STANDARDS LISTED IN THE CONTRACT DOCUMENTS.

2. THE PROJECT MANUAL FORMS A PART OF THESE GENERAL NOTES. CODES, STANDARDS, AND SPECIFICATIONS, INCLUDING ADDENDA AND SUPPLEMENTS, REFERENCED IN THE CONTRACT DOCUMENTS SHALL BE THE LATEST APPROVED ISSUE, UNLESS SPECIFICALLY NOTED.

3. NOTES AND DETAILS ON DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. IF CONFLICT OCCURS BETWEEN THE CONTRACT DRAWINGS AND THE PROJECT MANUAL, IMMEDIATELY NOTIFY ARCHITECT (STRUCTURAL ENGINEER) FOR RESOLUTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DRAWINGS.

4. DESIGN ROOF LIVE LOAD = 20 PSF (REDUCIBLE)
DESIGN 2ND FLOOR LIVE LOAD = 100 PSF (UNREDUCIBLE)

5. CODE LEVEL WIND DESIGN DATA:

RISK CATEGORY	= III
BASIC DESIGN WIND SPEED, V	= 103 MPH
EXPOSURE CATEGORY	= C
ENCLOSURE CLASSIFICATION	= ENCLOSED BUILDING
INTERNAL PRESSURE COEFFICIENT, GCpi	= ± 0.18

DESIGN WIND PRESSURES FOR COMPONENTS & CLADDING:

COMPONENTS & CLADDING WIND DESIGN CRITERIA TABLE

HORIZONTAL C&C LOADS ON WALLS (STRENGTH LEVEL)

WIND ZONE	WIND EFFECTIVE AREA = 10 SQ FT		WIND EFFECTIVE AREA = 200 SQ FT	
ZONE 4	MAX = 27.5 PSF	MIN = -29.8 PSF	MAX = 22.1 PSF	MIN = -24.5 PSF
ZONE 5	MAX = 27.5 PSF	MIN = -36.8 PSF	MAX = 22.1 PSF	MIN = -26.1 PSF

VERTICAL C&C LOADS ON LOW AND MAIN ROOFS (STRENGTH LEVEL)

WIND ZONE	WIND EFFECTIVE AREA = 10 SQ FT		WIND EFFECTIVE AREA = 200 SQ FT	
ZONE 1'	MAX = 16.0 PSF	MIN = -24.4 PSF	MAX = 16.0 PSF	MIN = -21.0 PSF
ZONE 1	MAX = 16.0 PSF	MIN = -42.5 PSF	MAX = 16.0 PSF	MIN = -30.8 PSF
ZONE 2	MAX = 16.0 PSF	MIN = -56.0 PSF	MAX = 16.0 PSF	MIN = -41.0 PSF
ZONE 3	MAX = 16.0 PSF	MIN = -76.4 PSF	MAX = 16.0 PSF	MIN = -46.2 PSF

VERTICAL C&C LOADS ON LOBBY HIGH ROOF (SEGMENT A) (STRENGTH LEVEL)

WIND ZONE	WIND EFFECTIVE AREA = 10 SQ FT		WIND EFFECTIVE AREA = 100 SQ FT	
ZONE 1	MAX = 16.0 PSF	MIN = -29.8 PSF	MAX = 16.0 PSF	MIN = -29.8 PSF
ZONE 2	MAX = 16.0 PSF	MIN = -34.5 PSF	MAX = 16.0 PSF	MIN = -32.2 PSF
ZONE 2'	MAX = 16.0 PSF	MIN = -41.5 PSF	MAX = 16.0 PSF	MIN = -39.1 PSF
ZONE 3	MAX = 16.0 PSF	MIN = -46.1 PSF	MAX = 16.0 PSF	MIN = -32.2 PSF
ZONE 3'	MAX = 16.0 PSF	MIN = -64.8 PSF	MAX = 16.0 PSF	MIN = -41.5 PSF

VERTICAL C&C LOADS ON CANOPIES (STRENGTH LEVEL)

LOCATION	WIND EFFECTIVE AREA = 10 SQ FT		WIND EFFECTIVE AREA = 100 SQ FT	
SEGMENT A ROOF	MAX = 21.0 PSF	MIN = -31.5 PSF	MAX = 16.0 PSF	MIN = -25.6 PSF
SEGMENT A 2ND FLOOR DECK	MAX = 21.0 PSF	MIN = -16.0 PSF	MAX = 16.0 PSF	MIN = -16.0 PSF
SEGMENT B LOW ROOF	MAX = 21.0 PSF	MIN = -21.0 PSF	MAX = 16.0 PSF	MIN = -16.0 PSF

6. CODE LEVEL EARTHQUAKE DESIGN DATA:

SITE COORDINATES	= 32.85076 °N, 116.97683 °W
MAPPED SPECTRAL RESPONSE ACCELERATION, S_S	= 0.770g
MAPPED SPECTRAL RESPONSE ACCELERATION, S_1	= 0.283g
SITE CLASS	= D
DESIGN SPECTRAL RESPONSE COEFFICIENT, SD_S	= 0.612g
DESIGN SPECTRAL RESPONSE COEFFICIENT, SD_1	= 0.384g
SEISMIC DESIGN CATEGORY	= D
RISK CATEGORY	= III
IMPORTANCE FACTOR, Ie	= 1.25
ANALYTICAL PROCEDURE	= EQUIVALENT LATERAL FORCE
BASIC SEISMIC-LOAD RESISTING SYSTEM (SLRS)	= ORDINARY STEEL MOMENT FRAME (OMF) & LIGHT-FRAMED (WOOD) WALLS SHEATHING WITH WOOD STRUCTURAL PANELS
RESPONSE MODIFICATION FACTOR, R	= 3.5 (OMF)
SEISMIC RESPONSE COEFFICIENT, Cs	= 0.219
DESIGN BASE SHEAR (STRENGTH LEVEL)	= 204.6 KIPS (N/S DIRECTION) = 204.6 KIPS (E/W DIRECTION)
REDUNDANCY FACTOR, p	= 1.0 (BOTH DIRECTIONS)
HORIZ STRUCTURAL IRREGULARITIES	= TYPE 2
VERT STRUCTURAL IRREGULARITIES	= N/A

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A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:08 PM

REGISTERED PROFESSIONAL ENGINEER
PAUL H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - GENERAL NOTES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 12" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	TEAM	TMB

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.01**
SHEET 102 OF 294

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

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STRUCTURAL STEEL (CONTINUED)

A. WELDING PROCESS SHALL BE ELECTRIC ARC USING E70XX ELECTRODES. SUBMERGED ARC PROCESS (SAW) WITH AUTOMATIC WELDING MAY BE USED AS AN ALTERNATIVE.
B. WELDERS SHALL BE CERTIFIED TO CONFORM WITH AWS STANDARDS AND APPROVED BY THE GOVERNING CODE AUTHORITY.
C. SHOP WELDING, INCLUDING ULTRASONIC TESTING OF FULL PENETRATION GROOVE WELDS, SHALL BE PERFORMED ON THE PREMISES OF AN APPROVED FABRICATOR.
D. MINIMUM FILLET WELD SIZE SHALL CONFORM TO AISC SPECIFICATION TABLE J2.4. WELD LENGTHS NOTED ON DRAWINGS ARE THE NET EFFECTIVE LENGTHS REQUIRED.
E. FIELD WELD SYMBOLS NOTED ON THE DRAWINGS SHOW ENGINEERING INTENT, BUT NO ATTEMPT HAS BEEN MADE TO CLASSIFY ALL WELDS. AT FABRICATOR'S OPTION, ANY WELD INDICATED AS A FIELD WELD MAY BE SHOP WELDED AND ANY WELD INDICATED AS A SHOP WELD MAY BE FIELD WELDED.

12. WELDS SHALL BE PREQUALIFIED PER AWS D1.1. NON-PREQUALIFIED WELDED JOINTS SHALL BE QUALIFIED BY TEST PER AWS D1.1.

13. SUBMIT TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW A WRITTEN WELDING PROCEDURE SPECIFICATION (WPS) FOR ALL WELDS USED ON PROJECT PRIOR TO FABRICATION. FOR WELDS NOT PREQUALIFIED, THE SUPPORTING PROCEDURE QUALIFICATION RECORD (PQR) SHALL ALSO BE SUBMITTED WITH THE WPS. WPS SHALL BE IN ACCORDANCE TO AWS D1.1, SECTION 4.6 AND SHALL INCLUDE THE FOLLOWING INFORMATION FOR EACH WELD TYPE AND POSITION:

A. SKETCH OF JOINT DESCRIBING GEOMETRY AND APPLICABLE DIMENSIONS, WELD TYPE AND SIZE, SEQUENCE OF WELD DEPOSITION, AND MAXIMUM LAYER THICKNESS AND BEAD WIDTHS. LAYER THICKNESS SHALL NOT EXCEED 1/4 INCH, AND BEAD WIDTH SHALL NOT EXCEED 5/8 INCH.
B. BASE METAL TYPES AND THICKNESS.
C. APPLICABLE WELD PROCESS (SMAW OR FCAW).
D. FILLER METAL PER AWS STANDARD AND ELECTRODE SPECIFICATION AND CLASSIFICATION, AS WELL AS DETAILS OF SHIELDING MATERIAL.
E. ELECTRICAL CHARACTERISTICS FOR WELD PROCESS USED SUCH AS TYPE OF CURRENT AND ACCEPTABLE RANGE OF CURRENT MEASURED IN AMPERAGE, VOLTAGE RANGE, AND ELECTRODE DIAMETER. FOR WELD FEED PROCESS, INDICATE MANUFACTURER RECOMMENDED WIRE SPEED, CONTACT DISTANCE, MELT OFF RATE AND DEPOSITION RATE.
F. A COPY OF ELECTRODE MANUFACTURER'S TECHNICAL INFORMATION AND CERTIFICATE OF CONFORMANCE.

14. TESTING LABORATORY WILL VERIFY COMPLIANCE WITH ACCEPTED WPS AND WILL PROMPTLY NOTIFY ARCHITECT (STRUCTURAL ENGINEER) IF DEVIATIONS ARE FOUND.

15. ELECTRODE DIAMETER SHALL NOT EXCEED PREQUALIFIED LIMITS SHOWN IN AWS D1.1 TABLE 3.7, AS APPLICABLE. FOR FCAW PROCESS, MAXIMUM ELECTRODE SIZE SHALL NOT EXCEED 1/8 INCH.

16. DIFFUSIBLE HYDROGEN LEVEL FOR ELECTRODES AND ELECTRODE-FLUX COMBINATION SHALL MEET THE REQUIREMENTS OF TABLE 6.3 OF AWS D1.8/D1.8M.

17. DETAILS, MATERIALS, WORKMANSHIP, AND TESTING AND INSPECTION REQUIREMENTS OF WELDED JOINTS COMPRISING THE SFRS SHALL CONFORM TO THE FOLLOWING APPLICABLE STANDARDS:
A. AWS D1.1/D1.1M "STRUCTURAL WELDING CODE -STEEL."
B. AWS D1.8/D1.1M "STRUCTURAL WELDING CODE -SEISMIC SUPPLEMENT."
C. ANSI/AISC 341, "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS", CHAPTER J (QUALITY CONTROL AND QUALITY ASSURANCE).
D. ANSI/AISC 358 "PREQUALIFIED CONNECTIONS FOR SPECIAL AND INTERMEDIATE STEEL MOMENT FRAMES FOR SEISMIC APPLICATIONS."

18. WELD MATERIALS USED IN SFRS WELDED CONNECTIONS SHALL CONFORM TO THE FOLLOWING TOUGHNESS REQUIREMENTS:

A. WELDED CONNECTIONS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LB AT 0°F AS DETERMINED BY THE APPROPRIATE AWS CLASSIFICATION TEST METHOD.
B. WELDED CONNECTIONS DESIGNATED AS "DEMAND CRITICAL", SHALL BE MADE WITH A FILLER METAL CAPABLE OF PROVIDING A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 40 FT-LB AT 60°F BASED ON WPS HEAT INPUT ENVELOPE TESTING PRESCRIBED IN ANNEX A OF AWS D1.8/D1.8M.

19. INTERMIX OF FILLER METAL: WHEN FCAW-S FILLER METALS ARE USED IN COMBINATION WITH FILLER METALS FOR OTHER PROCESSES, INCLUDING FCAW-G, SUPPLEMENTAL CVN NOTCH TOUGHNESS TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH ONE OF MORE OF THE FOLLOWING:
A. TESTS AS DESCRIBED IN ANNEX B OF AWS D1.8/D1.8M.
B. PQR TESTS THAT CONTAIN INTERMIX WELD METAL, WHEREIN CVN TEST SPECIMENS HAVE BEEN TAKEN FROM THE INTERMIX ZONE.

20. WELDING OF SHEET METAL AND METAL STUDS SHALL BE IN ACCORDANCE WITH AWS D1.3.

21. CONTRACTOR SHALL PROVIDE FOR AN ALLOWANCE OF 5 TONS OR 2%, WHICHEVER IS GREATER, OF STRUCTURAL STEEL TO BE FABRICATED AND/OR ERECTED DURING THE PROGRESS OF WORK AS MAY BE DIRECTED BY THE ARCHITECT (STRUCTURAL ENGINEER). THE UNUSED PORTION SHALL BE CREDITED TO THE OWNER AT THE COMPLETION OF STRUCTURAL STEEL WORK.

22. ALL STEEL THAT IS ARCHITECTURALLY EXPOSED SHALL BE AESS CLASSIFICATION AS INDICATED ON ARCHITECTURAL DRAWINGS. ALL EXPOSED WELDMENTS ARE TO BE SSPC SPS WITH CORROSION UNO.

STRUCTURAL STEEL

1. STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF ANSI/AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", ANSI/AISC 341 "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS", AND AISI/AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", AS AMENDED BY CALIFORNIA BUILDING CODE (CBC) SECTIONS 2203, 2204 AND 2205.

2. SEISMIC LOAD RESISTING SYSTEM (SLRS) IS THAT PART OF THE STRUCTURAL SYSTEM THAT HAS BEEN CONSIDERED IN THE DESIGN TO PROVIDE THE REQUIRED RESISTANCE TO THE SEISMIC FORCES PRESCRIBED IN ASCE/SEI 7.

3. STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING ASTM STANDARDS, UNLESS NOTED OTHERWISE ON DRAWINGS:

WIDE FLANGE SHAPES.....ASTM A992/A992M
ANGLES, M- & S-SHAPES.....ASTM A572/A572, GRADE 50
CHANNELS.....ASTM A992/A992M
PIPES.....ASTM A53/A63M, GRADE B (Fy=35 KSI)
ROUND HOLLOW STRUCTURAL SECTIONS...ASTM A500/A500M, GRADE C (Fy=46 KSI)
RECTANGULAR HOLLOW STRUCTURAL SECTIONS.....ASTM A500, GRADE C (Fy=50 KSI)
PLATES.....ASTM A572/A572M, GRADE 50
ANCHOR BOLTS.....ASTM F1554, GRADE 36 (UNO)
ANCHOR BOLTS USED IN SLRS.....ASTM F1554, GRADE 55, WELDABLE, UNO
UNFINISHED MACHINE BOLTS.....ASTM A307
THREADED ROUND STOCK.....ASTM A36/A36M(UNO)

FURNISH READILY IDENTIFIABLE STRUCTURAL STEEL IN COMPLIANCE WITH CBC SECTION 2203.1.

4. HIGH STRENGTH BOLTS, NUTS AND WASHERS SHALL CONFORM TO THE RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING BOLTS", AS AMENDED BY CBC SECTION 2204.2. WHEN ASSEMBLED, ALL JOINT SURFACES, INCLUDING THOSE ADJACENT TO WASHERS, SHALL BE FREE OF SCALE, EXCEPT TIGHT MILL SCALE. USE STANDARD HOLES UNLESS NOTED OTHERWISE.

A. PROVIDE ASTM A325, TYPE I, SNUG-TIGHTENED (ST) BOLTS WITH THREADS INCLUDED IN SHEAR PLANE, UNLESS NOTED OTHERWISE. PROVIDE ASTM A325, TYPE I, SLIP-CRITICAL (SC) BOLTS AT CRITICAL CONNECTIONS SHALL BE CLASS A, B OR C, UNLESS OTHERWISE NOTED. NUTS AND WASHERS SHALL MEET THE REQUIREMENTS OF ASTM A563 AND ASTM F436, RESPECTIVELY.
B. ASTM A325-N BOLTS SHALL BE SNUG TIGHTENED IN ACCORDANCE WITH RCSC SPECIFICATION SECTION 8.1, UNLESS NOTED OTHERWISE. FULLY TENSION ALL ASTM A325-SC BOLTS AND ALL BOLTS REQUIRED TO BE TENSIONED BY AISC SPECIFICATION SECTION J1.10 AND RCSC SPECIFICATION SECTIONS 4.2 AND 4.3. FULLY TENSIONED BOLTS SHALL BE TIGHTENED TO THE MINIMUM TENSION USING TURN-OF-THENUT PRETENSIONING METHOD, CALIBRATED WRENCH PRETENSIONING METHOD, OR DIRECT-TENSIONINDICATORPRETENSIONING METHOD USING DIRECT TENSION INDICATORS THAT MEET THE REQUIREMENTS OF ASTM F959.
C. TENSION CONTROL BOLTS THAT MEET THE REQUIREMENTS OF ASTM F1852, TYPE 1, MAY BE USED IN LIEU OF ASTM A325-ST OR ASTM A325-SC BOLTS.

5. HEADED STUD ANCHORS SHALL BE NELSON TYPE S3L OR TYPE H4L FLUX-FILLED HEADED SHEAR CONNECTOR STUDS (ICC EVALUATION SERVICE REPORT ER-2856), OR AN APPROVED EQUAL, AND SHALL BE MADE FROM COLD DRAWN, LOW CARBON STEEL CONFORMING TO ASTM A108, GRADES C1010 THROUGH C1020, WITH A MINIMUM TENSILE STRENGTH OF 65 KSI. STUD WELDING TEST AND INSPECTION SHALL CONFORM TO AWS D1.1, CHAPTER 7. ANCHOR LENGTHS NOTED ON DRAWINGS ARE AFTER WELD LENGTHS.

6. PROVIDE UPWARD CAMBER TO ALL BEAMS SPECIFIED TO HAVE CAMBER. AMOUNT MEASURES IN THE FIELD PRIOR TO ERECTION SHALL NOT DEVIATE MORE THAN ALLOWED BY AISC SPECIFICATIONS. BEAMS WITHOUT SPECIFIED CAMBER SHALL BE FABRICATED TO SO THAT ANY MINOR CAMBER DUE TO ROLLING SHALL BE UPWARD AFTER ERECTION.

7. SUBMIT SHOP DRAWINGS TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW AND, UPON REQUEST, TO GOVERNING CODE AUTHORITY. INDICATE AN ERECTION SEQUENCE OF WELDING TO MINIMIZE LOCKED-UP STRESSES OR DISTORTION FOR MOMENT-RESISTING STEEL FRAMES.

8. HOURLY FIRE RESISTIVE REQUIREMENTS FOR STRUCTURAL STEEL MEMBERS SHALL BE DETERMINED USING CBC TABLE 601. BUILDING TYPES OF CONSTRUCTION AND FIREPROOFING MATERIALS ARE AS INDICATED ON ARCHITECTURAL DRAWINGS.

9. ALL STEEL NOT ENCASED IN CONCRETE, MASONRY, OR FIREPROOFING SHALL BE SHOP PRIMED AND PAINTED PER SPECIFICATIONS, EXCEPT FOR TOP FLANGE OF BEAMS SUPPORTING METAL DECK. ANY ABRASIONS OR UNPAINTED AREAS SHALL BE TOUCHED UP AFTER ERECTION.

10. ALL STRUCTURAL STEEL AND MISCELLANEOUS METALS EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.

11. WELDING SHALL CONFORM TO LATEST EDITION OF AWS D1.1/D1.1M, AS AMENDED IN CBC SECTION 2204A.1.

Santee
GO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:08 PM

CAST-IN-PLACE CONCRETE (CONTINUED)

13. CONCRETE MIXING SHALL CONFORM TO ASTM C94.

14. THE MAXIMUM SIZE OF A SINGLE POUR FOR ELEVATED SLABS SHALL NOT EXCEED 25,000 SQUARE FEET AND THE LENGTH TO WIDTH RATIO OF THE POUR SHALL NOT EXCEED 2 WITHOUT THE APPROVAL OF THE ARCHITECT (STRUCTURAL ENGINEER).

15. SUBMIT SHOP DRAWINGS INDICATING LOCATIONS OF CONCRETE CONSTRUCTION JOINTS TO THE ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW AND APPROVAL PRIOR TO PLACING CONCRETE. LOCATE CONSTRUCTION JOINTS TO MINIMIZE EFFECTS OF SHRINKAGE AND AT POINTS OF LOW STRESS. HORIZONTAL CONSTRUCTION JOINTS ARE NOT PERMITTED IN BEAMS AND SLABS UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS OR APPROVED BY THE ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO CONSTRUCTION.

16. PROVIDE SLEEVES FOR ELECTRICAL AND PLUMBING OPENINGS. IF CONFLICT OCCURS BETWEEN REINFORCING AND SLEEVES, REPOSITION REINFORCING OR SLEEVES OR BOTH. DO NOT CUT ANY REINFORCING. CORING IS NOT PERMITTED.

17. PRIOR TO PLACING CONCRETE, REINFORCING BARS, EMBEDDED PLATES, ANCHOR BOLTS, AND OTHER CONCRETE EMBEDMENTS SHALL BE WELL SECURED IN POSITION.

18. CONCRETE PLACEMENT SHALL CONFORM TO ACI 304 AND CONTRACT DOCUMENTS. INTENTIONALLY ROUGHEN ALL PREVIOUSLY HARDENED CONCRETE SURFACES TO A FULL AMPLITUDE OF 1/4-INCH AGAINST WHICH FRESH CONCRETE IS PLACE.

19. PROVIDE KEYED CONSTRUCTION JOINT WHERE INDICATED ON DRAWINGS. CLEAN, REMOVE LAITANCE, THOROUGHLY WET, AND REMOVE STANDING WATER IMMEDIATELY BEFORE PLACING FRESH CONCRETE.

20. FORMS SHALL BE CONSTRUCTED TO PROVIDE CAMBER AS SPECIFIED ON THE DRAWINGS. CONCRETE SLAB THICKNESS SHALL BE MAINTAINED.

21. FORM EXPOSED CORNERS OF COLUMNS, BEAMS AND WALLS WITH A 3/4-INCH CHAMFER, UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.

22. AT LEAST TWO HOURS MUST ELAPSE BETWEEN THE END OF COLUMN OR WALL PLACEMENT AND THE BEGINNING OF SLAB PLACEMENT.

23. CONCRETE SHALL BE MAINTAINED ABOVE 50 DEGREES FAHRENHEIT AND IN A MOIST CONDITION FOR A MINIMUM OF 7 DAYS AFTER PLACEMENT UNLESS OTHERWISE ACCEPTED BY ARCHITECT (STRUCTURAL ENGINEER).

24. CURING COMPOUNDS, SEALERS, HARDENERS, ETC., USED ON CONCRETE THAT RECEIVES A FINISH SHALL BE APPROVED BY THE ARCHITECT BEFORE USE.

25. GROUT SHALL BE NON-SHRINK, NON-METALLIC, SHALL NOT CONTAIN CHLORIDES, AND SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 6,000 PSI.

26. LEAN CONCRETE SHALL CONTAIN 2 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE. USE ONLY WHERE SPECIFICALLY INDICATED.

FUSION WELDED HOLDING WIRES

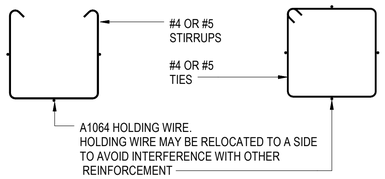
AUTOMATED IN-PLANT FUSION WELDING IS ALLOWED UNDER THE FOLLOWING CONDITIONS:

1. FUSION WELDING OF HOLDING WIRES TO TIES, STIRRUPS, AND HOOPS IN BEAMS, COLUMNS, AND GRADE BEAMS TO PREASSEMBLED REINFORCING STEEL CAGES IS ALLOWED. FUSION WELDING IS NOT ALLOWED TO LONGITUDINAL REINFORCING STEEL IN ANY BEAM, COLUMN, OR GRADE BEAM. THE HOLDING WIRE AREA SHALL NOT EXCEED WIRE SIZE W5.

2. FUSION WELDING OF HOLDING WIRES TO THE ENDS OF THE REINFORCING STEEL PLACED IN MATS (SPREAD FOOTINGS, SLAB REINFORCEMENT, ETC) IS ALLOWED PROVIDED THE FUSION WELD OCCURS WITHIN 6 BAR DIAMETERS OF THE FREE END OF THE BAR (e.g. NOT ALLOWED AT END OF COUPLED, T-HEADED, OR WELD SPLICED BARS).

3. FUSION WELDING OF HOLDING WIRES SHALL NOT OCCUR ON ANY PORTION OF A REINFORCING BAR THAT MAY BE BENT IN ACCORDANCE WITH ACI 318-19 SECTION 25.3.

4. FUSION WELDED HOLDING BARS MAY BE USED FOR ALL BEAM AND COLUMN STIRRUPS AND TIES NO LARGER THAN #5 BARS. SAMPLE DETAILS OF HOLDING WIRE CONNECTION TO BEAM STIRRUP AND TIES ARE SHOWN BELOW.



5. THE HOLDING WIRES SHALL CONFORM TO ASTM A1064.

6. ALL REINFORCING STEEL TO BE WELDED SHALL COMPLY WITH ASTM A706.

7. A. TYPE OF THE SPECIFIC FUSION WELDING MACHINE: SCHNELL IDEA MACHINE.
B. PERIODIC INSPECTION OF THE IN-PLANT WELDING: INSPECTION SHALL BE DONE FOR EACH TYPE OF CONFIGURATION AND SIZE AT SHOP AT THE BEGINNING OF THE WORK.
C. CWI INSPECTOR SHALL BE FAMILIAR WITH AUTOMATED FUSION WELDING.

8. TACK WELDING OF PRIMARY REINFORCING BARS TOGETHER OR TO STIRRUPS/TIES IS NOT PERMITTED.

REINFORCING STEEL (CONTINUED)

e. PREHEAT TEMPERATURES.
f. PROCEDURE QUALIFICATION RECORDS (PQR) FOR ALL WPS'S QUALIFIED BY TESTING.

B. WELDERS SHALL BE CERTIFIED TO CONFORM WITH AWS STANDARDS AND APPROVED BY THE GOVERNING CODE AUTHORITY.

15. REINFORCING STEEL BENDS SHALL BE MADE COLD. RE-BENDING OF PREVIOUSLY BENT REINFORCING IS NOT PERMITTED. FIELD BENDING OF PARTIALLY EMBEDDED REINFORCING IS NOT PERMITTED UNLESS AUTHORIZED PRIOR BY SEOR

16. ALL REINFORCING STEEL, INCLUDING WELDED WIRE REINFORCING SHALL BE SECURELY HELD IN PLACE WHILE PLACING CONCRETE. IF REQUIRED, ADDITIONAL BARS, CONCRETE BLOCKS, CHAIRS, BOLSERS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL REINFORCING. HOOKING AND WALKING-IN IS NOT PERMITTED.

17. ALL REINFORCING STEEL SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN FINAL INSPECTION IS CONDUCTED.

18. CONTRACTOR SHALL PROVIDE FOR AN ALLOWANCE OF 5 TONS OR 2%, WHICHEVER IS GREATER, OF REINFORCING STEEL TO BE FABRICATED AND/OR PLACED DURING THE PROGRESS OF WORK AS MAY BE DIRECTED BY THE ARCHITECT (STRUCTURAL ENGINEER). THE UNUSED PORTION SHALL BE CREDITED TO THE OWNER AT THE COMPLETION OF CONCRETE WORK.

CAST-IN-PLACE CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO THE STANDARDS OF THE AMERICAN CONCRETE INSTITUTE, ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE" AND ACI 318-14 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", WITH MODIFICATIONS AS NOTED IN THE CONTRACT DOCUMENTS.

2. CONCRETE SHALL ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28-DAY (f'c), UNLESS NOTED OTHERWISE:

CONTINUOUS FOOTINGS/TIE BEAMS	3,000 PSI	NORMAL WEIGHT
SPREAD FOOTINGS	3,000 PSI	NORMAL WEIGHT
SLABS-ON-GRADE	3,000 PSI	NORMAL WEIGHT
ALL OTHER CONCRETE	3,000 PSI	NORMAL WEIGHT

3. UNLESS NOTED OTHERWISE HEREIN, CONCRETE IS ASSIGNED TO EXPOSURE CLASSES F0, S0, P0, AND C0, AS DEFINED IN TABLE 19.3.1.1 OF ACI 318-19.

A. CONCRETE IN CONTACT WITH SITE SOIL SHALL BE ASSIGNED TO EXPOSURE CLASS S0.

4. PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE V OR TYPE II/V

5. AGGREGATES FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C33. NORMAL WEIGHT CONCRETE SHALL HAVE A DRY UNIT WEIGHT OF 150±3 PCF.

6. AGGREGATES FOR LIGHTWEIGHT CONCRETE SHALL BE EXPANDED SHALE CONFORMING TO ASTM C330. PRESIZE AGGREGATE BEFORE FIRING TO ALLOW OUTER CERAMIC SHELL TO REMAIN INTACT. LIGHTWEIGHT CONCRETE SHALL HAVE A DRY UNIT WEIGHT OF 110±3 PCF AND AIR CONTENT OF 4.5±1.5 PERCENT AS MEASURED BY THE VOLUMETRIC METHOD DESCRIBED IN ASTM C173.

7. MAXIMUM AGGREGATE SIZE SHALL BE 1-1/2 INCHES FOR FOUNDATIONS AND 1 INCH ELSEWHERE, BUT NO LARGER THAN (A) 1/5 THE NARROWEST DIMENSION BETWEEN SIDES OF FORMS, (B) 1/3 THE DEPTH OF SLABS, OR (C) 3/4 THE MINIMUM CLEAR SPACING BETWEEN INDIVIDUAL REINFORCING BARS OR WIRES, BUNDLES OF BARS, INDIVIDUAL TENDONS, BUNDLED TENDONS, OR DUCTS. SMALLER AGGREGATE SIZES MAY BE ALLOWED WITH THE APPROVAL OF THE ARCHITECT (STRUCTURAL ENGINEER).

8. MAXIMUM SLUMP SHALL BE 5 INCHES TYPICALLY AND 4 INCHES IN FLATWORK, UNLESS A HIGH-RANGE WATER REDUCING ADMIXTURE (SUPERPLASTICIZER) IS USED IN THE CONCRETE MIX PROPORTIONS.

9. CONCRETE SHRINKAGE SHALL BE LIMITED TO 0.05 PERCENT AS DETERMINED BY ASTM C157.

10. WATER CEMENT RATIO SHALL NOT EXCEED 0.45 FOR ALL FLATWORK THAT RECEIVES A MOISTURE SENSITIVE ADHESIVE TO AFFIX FLOOR FINISHES AND 0.50 ELSEWHERE. EXCEPTION: FOR CONCRETE ON METAL DECK, A WATER CEMENT RATIO OF 0.50 MAY BE USED FOR CONCRETE PLACED ON VENTED METAL DECKS. WATER CEMENT RATIO FOR CONCRETE IN EXPOSURE CLASS S2 SHALL NOT EXCEED 0.45.

11. CONCRETE MIX PROPORTIONING SHALL BE BASED ON FIELD EXPERIENCE AND/OR TRIAL MIXTURES AS STIPULATED IN ACI 318 SECTION 5.3. SUBMIT CONCRETE MIX PROPORTIONING DATA, INCLUDING HISTORICAL STRENGTH RECORDS AND/OR RESULTS OF TRIAL MIXTURES, FOR EACH TYPE AND COMPRESSIVE STRENGTH OF CONCRETE. CONCRETE MIX PROPORTIONING SHALL BE SIGNED AND SEALED BY A PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA AND SHALL BE SUBMITTED TO THE ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW AND APPROVAL.

12. FOR CONCRETE SLABS-ON-GRADE PLACED DIRECTLY ON VAPOR RETARDER:

A. CONCRETE MIXTURE:
1) USE INCREASED SIZE OF MAXIMUM-SIZE COARSE AGGREGATE AND COARSER SAND.
2) COARSE AGGREGATE TO BE WELL GRADED WITH MINIMUM FLAT OR ELONGATED PARTICLES.
3). REDUCE SAND CONTENT TO LOWEST LEVEL CONSISTENT WITH ADEQUATE WORKABILITY.
4) USE HIGH-RANGE WATER-REDUCING ADMIXTURE WITH GOOD SHRINKAGE-REDUCTION CHARACTERISTICS.

B. FINISHING AND CURING:
1) USE PROPER FINISHING TECHNIQUES AND PROPER TIMING BETWEEN FINISHING OPERATIONS TO AVOID BLISTERING AND DELAMINATION.
2) USE CONTINUOUS MOIST CURE OR HIGH-SOLIDS CURING COMPOUND.

REINFORCING STEEL

1. REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE TO AMERICAN CONCRETE INSTITUTE ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE".

2. REINFORCING STEEL SHALL CONFORM TO ASTM A615/A615M, GRADE 60, UNLESS NOTED OTHERWISE. BARS TO BE WELDED SHALL CONFORM TO LOW ALLOY ASTM A706/A706M, GRADE 60.

3. WELDED WIRE REINFORCEMENT (WWR) SHALL CONFORM TO ASTM A1064. LAP WELDED WIRE REINFORCEMENT 8 INCHES MINIMUM, MEASURED BETWEEN OUTERMOST CROSS WIRE OF EACH REINFORCEMENT SHEET.

4. DEFORMED BAR ANCHORS SHALL BE NELSON STUD WELDING, INC. TYPE D2L (ICC EVALUATION SERVICE REPORT ESR-2907), OR AN APPROVED EQUAL, AND SHALL BE MADE FROM DEFORMED STEEL WIRE CONFORMING TO ASTM A1064, WITH A MINIMUM YIELD STRENGTH OF 70 KSI AND A MINIMUM TENSILE STRENGTH OF 80 KSI.

5. LENTON FORM SAVER COUPLERS, FA OR FS SERIES, SHALL BE BY ERICO INTERNATIONAL CORPORATION (IAPMO UES EVALUATION REPORT NO. 0129) OR APPROVED EQUAL.

6. LENTON TERMINATORS BY ERICO INTERNATIONAL CORPORATION (IAPMO UES EVALUATION REPORT NO. 0188) OR APPROVED EQUAL MAY BE USED IN LIEU OF STANDARD HOOKS.

7. MECHANICAL SPLICES SHALL BE LENTON STANDARD COUPLERS BY ERICO INTERNATIONAL CORPORATION (IAPMO UES EVALUATION REPORT NO. 0129) OR APPROVED EQUAL.

8. PREPARE REINFORCING STEEL SHOP DRAWINGS IN ACCORDANCE TO ACI 315, PART B. SHOP DRAWINGS MAY BE PREPARED MANUALLY OR BY COMPUTER. PLACING DRAWINGS SHALL BE PREPARED TO THE SAME STANDARD AS CONTRACT DRAWINGS. SHOW REINFORCING PLACEMENT, SPLICE LOCATIONS, REINFORCING LENGTHS, DETAILS, ELEVATIONS, BEND DETAILS, ETC. SUBMIT TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW PRIOR TO FABRICATION. PROMPTLY NOTIFY ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO DEVELOPING REINFORCING STEEL SHOP DRAWINGS IF INSUFFICIENT CLEAR DISTANCES BETWEEN REINFORCING STEEL OR OTHER CONGESTION IS ENCOUNTERED. DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE CLEARLY IDENTIFIED ON THE SHOP DRAWINGS. IF SUBMITTAL IS PARTIAL, CLEARLY INDICATE ITEMS EXCLUDED FROM SUBMITTAL. SHOP DRAWINGS WILL BE REJECTED IF NOT PREPARED TO THE STANDARDS STATED ABOVE.

9. REINFORCING STEEL SHALL BE SPLICED AS SHOWN ON THE DRAWINGS. IF NOT SHOWN, LOCATE SPLICES IN AREAS OF MINIMUM STRESS. LAP (SPLICE) LENGTHS ARE AS INDICATED ON THE DRAWINGS.

10. MINIMUM CLEARANCES BETWEEN PARALLEL REINFORCING STEEL INCLUDING SPLICED BARS SHALL BE ONE INCH, ONE BAR DIAMETER, OR 4/3 TIMES THE MAXIMUM SIZE AGGREGATE, WHICHEVER IS GREATER. PROVIDE 1 1/2 INCHES OR 1 1/2 BAR DIAMETERS, WHICHEVER IS GREATER, AT COLUMNS ONLY. FOR BUNDLED BARS, MINIMUM CLEAR DISTANCES BETWEEN UNITS OF BUNDLED BARS SHALL BE SAME AS SINGLE BARS EXCEPT BAR DIAMETER IS DERIVED FROM EQUIVALENT TOTAL AREA OF BUNDLE.

11. PROVIDE THE FOLLOWING CONCRETE COVERAGE FOR REINFORCING STEEL PLACED IN CAST-IN-PLACE CONCRETE:
A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.....3"
B. CONCRETE EXPOSED TO EARTH OR WEATHER:
NO. 6 THROUGH NO. 18 BARS.....2"
NO. 5 BARS, W31 OR D31 WIRE, AND SMALLER.....1-1/2"
C. CONCRETE NOT EXPOSED WEATHER OR IN CONTACT WITH GROUND:
SLAB, WALLS, JOISTS:
NO. 14 AND NO. 18 BARS.....1-1/2"
NO. 11 BARS AND SMALLER (*).....1"
BEAMS AND COLUMNS
PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS.....1-1/2"
D. SLAB-ON-GRADE.....MID-HEIGHT OF SLAB

(*) CONCRETE COVERAGE ADEQUATE FOR FIRE-RESISTIVE PERIOD OF 2 HOURS.

12. WALL AND COLUMN DOWELS SHALL MATCH SIZE, GRADE, AND SPACING OF RESPECTIVE VERTICAL REINFORCING, UNLESS OTHERWISE NOTED.

13. USE PLASTIC OR PLASTIC COATED SPACERS AND CHAIRS IF RESTING ON EXPOSED CONCRETE SURFACES.

14. WELDING OF REINFORCING STEEL SHALL BE MADE WITH LOW HYDROGEN ELECTRODES IN CONFORMANCE WITH AMERICAN WELD SOCIETY AWS D1.4 "STRUCTURAL WELDING CODE - REINFORCING STEEL".

A. EXCEPT FOR REINFORCING STEEL CONFORMING TO ASTM A706/A706M, DETERMINE CARBON EQUIVALENT OF ALL REINFORCING STEEL TO BE WELDED. SUBMIT WPS FOR ALL REINFORCING STEEL TO BE WELDED TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW AND TO GOVERNING CODE AUTHORITY FOR APPROVAL PRIOR TO EXECUTION.
WPS SHALL INCLUDE:
a. SKETCH OF JOINT DESCRIBING GEOMETRY AND APPLICABLE DIMENSIONS, WELD TYPE AND SIZE, SEQUENCE OF WELD DEPOSITION, AND MAXIMUM LAYER THICKNESS AND BEAD WIDTHS.
b. APPLICABLE WELD PROCESS.
c. FILLER METAL PER AWS STANDARD (AWS D1.4, SECTION 5.1) AND ELECTRODE SPECIFICATION AND CLASSIFICATION, AS WELL AS DETAILS OF SHIELDING MATERIAL.
d. ELECTRICAL CHARACTERISTICS FOR WELD PROCESS USED SUCH AS TYPE OF CURRENT AND ACCEPTABLE RANGE OF CURRENT MEASURED IN AMPERAGE, VOLTAGE RANGE, AND ELECTRODE DIAMETER. FOR WELD FEED PROCESS, INDICATE MANUFACTURER RECOMMENDED WIRE SPEED, MELT OFF RATE AND DEPOSITION RATE.

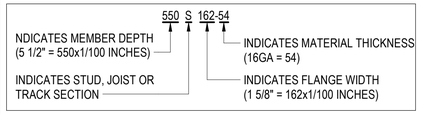
REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	TEAM	TMB
VERT:	PLANS PREPARED UNDER THE SUP

COLD-FORMED METAL FRAMING (CONTINUED)

10. WELDING SHALL COMPLY WITH ANSI/AWS D1.3. WIRE TYING OF FRAMING COMPONENTS IS NOT PERMITTED.
    A. WELDER SHALL BE AWS CERTIFIED AS REQUIRED BY THE GOVERNING CODE AUTHORITY.
    B. PLUG, BUTT, FILLET OR SEAM WELD. WHERE WELDING BURN-THROUGH OCCURS, PROVIDE SUITABLE STITCH PLATE OF SAME GAUGE.
    C. ELECTRODES SHALL BE E60XX FOR 33 KSI MEMBERS AND E70XX FOR 50 KSI MEMBERS.
    D. TOUCH-UP GALVANIZED MEMBERS WITH ZINC-RICH PAINT.
11. BOXED AND OTHER BUILT-UP SECTIONS SHALL BE STITCHED TOGETHER WITH 1/8 INCH FILLET WELDS, 2 INCH LONG AT 12 INCH ON CENTER AT ALL SEAMS.



CONCRETE MASONRY UNITS (CONTINUED)

14. MINIMUM CLEARANCE BETWEEN PARALLEL REINFORCING STEEL SHALL BE ONE INCH, NOMINAL BAR DIAMETER, OR 4/3 TIMES THE MAXIMUM SIZE OF AGGREGATE, WHICHEVER IS GREATER.
15. MINIMUM CLEAR DISTANCE BETWEEN VERTICAL BARS IN COLUMN AND PILASTERS SHALL NOT BE LESS THAN 1.5 TIMES THE NOMINAL BAR DIAMETER, NOR LESS THAN 1 1/2 INCHES.
16. PROVIDE ONE INCH MINIMUM GROUT COVER AROUND ANCHOR BOLTS, REINFORCING STEEL DOWELS, AND OTHER INSERTS PENETRATING CMU SHELL. ANCHOR BOLTS SHALL BE HEADED TYPE BOLTS. ANCHOR BOLTS WITH HOOKED ENDS ARE NOT PERMITTED.
17. REFER TO ARCHITECTURAL DRAWINGS FOR SURFACE AND HEIGHT OF MASONRY UNITS, LAYING PATTERN AND JOINT TYPE. IF NOT SPECIFIED OTHERWISE ON ARCHITECTURAL DRAWINGS, USE 8"x8"x16" NATURAL GRAY PRECISION UNITS IN RUNNING BOND PATTERN WITH TOOLED CONCAVE MORTAR JOINT.
18. MORTAR JOINTS SHALL 3/8 INCH THICK (UNLESS NOTED OTHERWISE), EXCEPT THAT THICKNESS OF STARTER MORTAR JOINT PLACED OVER FOUNDATIONS SHALL NOT BE LESS THAN 1/4 INCH AND MORE THAN 3/4" INCH.
19. UNLESS OTHERWISE NOTED, FULL ALLOWABLE STRESSES ARE USED IN DESIGN. SPECIAL INSPECTION REQUIRED FOR ERECTION OF ALL CONCRETE MASONRY UNITS.
20. CONDUIT IS NOT ALLOWED WITHIN MASONRY WALLS UNLESS SPECIFICALLY INDICATED ON DRAWINGS. WHERE INDICATED, REFER TO DETAIL **5 / S0.21**.

COLD-FORMED METAL FRAMING

1. THE INSTALLATION, AND CONSTRUCTION OF COLD-FORMED METAL FRAMING SHALL BE IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISI) "NORTH AMERICAN SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" (S100) AND AISI "NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING -GENERAL PROVISIONS" (S200) AS AUGMENTED BY CBC SECTIONS 2210A AND 2211A.
2. COLD-FORMED METAL FRAMING INCLUDES METAL STUDS, TRACKS, JOISTS, STRAP BRACING, BRIDGING, END CLOSURES, AND ACCESSORIES. THESE GENERAL NOTES APPLY TO LOAD BEARING COLD-FORMED METAL FRAMING SHOWN ON STRUCTURAL DRAWINGS ONLY. NON-LOAD BEARING METAL STUDS AND FASTENERS ARE NOT SHOWN ON STRUCTURAL DRAWINGS. FOR INFORMATION ON NON-LOAD BEARING METAL STUDS SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
3. COLD-FORMED METAL FRAMING SHALL BE MANUFACTURED BY CURRENT MEMBERS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (ICC-ES REPORT ESR-3064P) OR OTHERS WITH VALID ICC ESR, AND FORMED FROM GALVANIZED STEEL SHEETS CONFORMING TO ASTM A653-SS OR ASTM A1003 (TYPE H), GRADES AS FOLLOWS. GALVANIZING SHALL BE BY THE HOT-DIP PROCESS COMPLYING WITH COATING DESIGNATION G60.
   A. GRADE 33 (Fy=33 KSI) FOR THICKNESS 0.0451" (18 GAGE) & THINNER
   B. GRADE 50 (Fy=50 KSI) FOR THICKNESS 0.0566" (16 GAGE) & THICKER
4. PROVIDE UNPUNCHED TRACKS WITH DIMENSION AS REQUIRED TO ENSURE PROPER FIT OF STUDS.STUDS AND JOISTS SHALL HAVE STIFFENED FLANGES.
5. PROVIDE LATERAL BRIDGING FOR STUDS WHEN RIGID WALL FINISH DOES NOT CONTINUE FULL HEIGHT AND ATTACHED TO ONE OR BOTH SIDES OF STUDS. INSTALL HORIZONTAL STRAPS OR COLD-ROLLED CHANNELS AS SHOWN ON DRAWINGS AND IN ACCORDANCE WITH AISI-S100 AND AISI-S200 SPECIFICATIONS.
6. PLUMB, ALIGN AND TIGHTLY NEST STUDS AND BRACES IN BOTH UPPER AND LOWER TRACKS AND SECURE WITH ATTACHMENTS TO BOTH FLANGES OF TRACKS. STUDS MUST BE FULLY SEATED IN TRACKS AND FASTENED WITH SELF-DRILLING SCREWS OR WELDING. SPLICES IN STUDS AND BRACES ARE NOT PERMITTED.
7. SELF-DRILLING/SELF-TAPPING SHEET METAL SCREWS (SMS) SHALL BE HILTI SELF-DRILLING SCREWS MANUFACTURED BY HILTI, INC. (ICC-ES REPORT ESR-2196), OR APPROVED EQUAL. SMS SHALL BENUMBER 10 MINIMUM U.N.O. AND SHALL PROTRUDE THROUGH THE ATTACHED MEMBERS THREE FULL THREADS, (1/4" INCH MINIMUM), BEYOND THE BACKSIDE OF THE ATTACHED MEMBERS. MINIMIN SPACING BETWEEN CENTERS OF FASTENERS AND MINIMUM DISTANCE FROM THE CENTER OF FASTENER TO THE EDGE OF ANY CONNECTED PART SHALL BE 3 TIMES THE NOMINAL DIAMETER OF THE SMS, EXCEPT WHEN THE EDGE IS PARALLEL TO THE DIRECTION OF APPLIED FORCE THE MINIMUM DISTANCE FROM THE CENTER OF FASTENER TO THE EDGE MAY BE 1.5 TIMES THE DIAMETER OF THE SMS.
8. FASTENERS TO CONCRETE SHALL BE HILTI LOW VELOCITY X-U UNIVERSAL POWDER DRIVEN FASTENERS (ICC-ES REPORT ESR-2269), OR APPROVED EQUAL, WITH 0.157 INCH SHANK DIAMETER EMBEDDED 1 1/4 INCH INTO CONCRETE USING STANDARD INSTALLATION METHOD. FASTENERS SHALL BE DRIVEN INTO CONCRETE AFTER CONCRETE HAS ATTAINED SPECIFIED STRENGTH WITH MINIMUM SPACING OF 4 INCHES AND MINIMUM EDGE DISTANCE OF 3 INCHES. CONCRETE THICKNESS MUST BE AT LEAST THREE TIMES THE PENETRATION DEPTH OF THE FASTENER.
9. FASTENERS TO STEEL SHALL BE AS FOLLOWS:
   A. HILTI LOW VELOCITY X-U UNIVERSAL POWDER DRIVEN FASTENERS (ICC-ES REPOR ESR-2269), OR APPROVED EQUAL, WITH 0.157 INCH SHANK DIAMETER AND DRIVEN THROUGH THE STEEL MEMBER WITH MINIMUM SPACING OF 1 INCH AND MINIMUM EDGE DISTANCE OF 1/2 INCH.
   B. HILTI KWIK-FLEX SELF-DRILLING FASTENERS (ICC REPORT ESR-3332), OR APPROVED EQUAL.
   C. FASTENER MUST PROTRUDE THROUGH THE STEEL MEMBER WITH MINIMUM SPACING AND MINIMUM EDGE DISTANCE OF 3 TIMES NOMINAL SCREW DIAMETER.

POST INSTALLED ANCHORS (CONTINUED)

4. EXPANSION ANCHORS:
   A. HILTI KWIK BOLT TZ2 EXPANSION ANCHORS IN ACCORDANCE WITH ICC-ES REPORT NO. 4266 INTO CONCRETE.
   B. HILTI KWIK BOLT TZ2 EXPANSION ANCHORS IN ACCORDANCE WITH ICC ES REPORT NO. 4143 INTO CMU.
5. SCREW ANCHORS:
   A. HILTI KWIK HUS-EZ (KH-EZ) SCREW ANCHORS IN ACCORDANCE WITH ICC-ES REPORT ESR-3027 INTO CONCRETE AND FULLY GROUTED CMU.
   B. SIMPSON TITEN HD SCREW ANCHOR IN ACCORDANCE WITH ICC-ES REPORT ESR-2713 INTO CONCRETE.
   C. HILTI KWIK HUS-EZ (KH-EZ) SCREW ANCHORS IN ACCORDANCE WITH ICC ES REPORT NO. 3056 INTO CMU.
6. POWDER DRIVEN FASTENERS: LOW-VELOCITY POWDER DRIVEN FASTENERS IN ACCORDANCE WITH ICC-ES REPORT NO. ESR-2269 INTO CONCRETE. ALL FASTENERS TO COMPLY WITH ASCE 7-16 SECTION 13.4.5.
7. INSTALLATION: PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND REFERENCED ICC EVALUATION REPORT.
   A. DRILLING HOLES IN EXISTING CONCRETE OR MASONRY: USE ONLY NON-REBAR CUTTING DRILL BITS TO DRILL HOLES. LOCATE EXISTING REBAR BY NON-DESTRUCTIVE MEANS PRIOR TO DRILLING HOLES. DO NOT CUT OR DAMAGE EXISTING REBAR. PROVIDE MINIMUM 1" CLEARANCE BETWEEN REINFORCING AND ANCHOR.
   B. DELETERIOUS MATERIALS: KEEP ANCHORS FREE OF DUST,GREASE, AND OTHER MATERIALS WHICH WILL IMPAIR BOND WITH CONCRETE.
   C. ALL ANCHORS SHALL MEET THE MINIMUM EMBEDMENT AND SPACING, EDGE DISTANCE AND SIDE THICKNESS CRITERIA ESTABLISHED BY THE RELEVANT ICC-ES REPORT.
      UNLESS NOTED OTHERWISE IN REPORT, ANCHOR EDGE DISTANCE SHALL BE A MINIMUM OF 10 BOLT DIAMETERS FROM ANY FREE EDGE OF THE SLAB AND SHALL BE SPACED A MINIMUM 12 BOLT DIAMETERS CENTER TO CENTER.
   D. DO NOT DRILL HOLES WITHIN 4 INCHES OF EXISTING ELECTRICAL OUTLETS THAT ARE EMBEDDED IN SUBSTRATE.
8. BRING TO THE ATTENTION OF THE ARCHITECT (STRUCTURAL ENGINEER) ANY POST-INSTALLED ANCHOR LOCATION THAT CANNOT COMPLY WITH THE PARAMETERS STATED HEREIN AND INDICATED ON THE DRAWINGS.

CONCRETE MASONRY UNITS

1. CONCRETE MASONRY UNITS (CMU) SHALL BE MEDIUM WEIGHT HOLLOW LOAD BEARING UNITS CONFORMING TO ASTM C90. NORMAL WEIGHT OR LIGHTWEIGHT UNITS MAY BE USED IF APPROVED BY THE ARCHITECT (STRUCTURAL ENGINEER). USE OPEN END UNITS AT VERTICAL REINFORCING AND BOND BEAM UNITS AT HORIZONTAL REINFORCING. WITH THREE-INCH BY THREE-INCH MAXIMUM WEB OPENINGS.
2. SPECIFIED COMPRESSIVE STRENGTH (f'm) OF COMPLETED CONCRETE MASONRY UNITS IS 2000 PSI UNLESS NOTED OTHERWISE. COMPLIANCE WITH SPECIFIED COMPRESSIVE STRENGTH SHALL BE BY THE UNIT STRENGTH METHOD OR BY THE PRISM TEST METHOD IN ACCORDANCE TO CBC SECTION 2105.2.
3. MORTAR MIX SHALL CONFORM TO THE REQUIREMENTS OF ASTM C270 FOR TYPE S MORTAR. MORTAR SAND SHALL BE FREE OF INJURIOUS AMOUNTS OF DELETERIOUS SUBSTANCES AND ORGANIC IMPURITIES AND CONFORM TO ASTM C144.
4. GROUT SHALL CONFORM TO THE REQUIREMENTS ASTM C476 FOR COARSE GROUT. GROUT SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS. AGGREGATES FOR COARSE GROUT SHALL CONFORM TO ASTM C404.
5. CEMENT SHALL BE LOW ALKALI CONFORMING TO ASTM C150, TYPE I OR TYPE II. USE OF MASONRY CEMENT IS PROHIBITED.
6. WATER MUST BE CLEAN AND POTABLE AND FREE OF DELETERIOUS AMOUNTS OF OILS, ACIDS, ALKALIES, ORGANIC MATERIALS, AND SOLUBLE SALTS SUCH AS POTASSIUM AND SODIUM SULFATES.
7. CLEANOUTS SHALL BE PROVIDED FOR ALL GROUT POUR HEIGHTS OVER FOUR FEET. WHERE REQUIRED, CLEANOUTS SHALL BE PROVIDED IN THE BOTTOM COURSE AT EVERY VERTICAL REINFORCING BUT SHALL NOT BE SPACED GREATER THAN 32 INCHES ON CENTER FOR SOLID GROUTED MASONRY. CLEANOUTS SHALL BE SEALED AFTER INSPECTION AND BEFORE GROUTING.
8. GROUT POUR HEIGHT SHALL NOT EXCEED THAT SHOWN IN ACI 530-13 TABLE 7. GROUT SHALL BE PLACED IN A CONTINUOUS POUR IN GROUT LIFTS NOT EXCEEDING FOUR FEET. BETWEEN GROUT POURS, A HORIZONTAL CONSTRUCTION JOINT SHALL BE FORMED BY STOPPING GROUT POUR 1-1/2 INCHES BELOW TOP OF MORTAR JOINT.
9. CELLS SHALL BE IN VERTICAL ALIGNMENT. ALL CELLS SHALL BE GROUTED SOLID UNLESS OTHERWISE NOTED. CONSOLIDATE BY MECHANICAL VIBRATION AND RECONSOLIDATE BY MECHANICAL VIBRATION AFTER INITIAL WATER LOSS AND SETTLEMENT HAS OCCURRED.
10. SEE REINFORCING STEEL GENERAL NOTES FOR REINFORCING STEEL IN CMU.
11. WALL AND PILASTER DOWELS IN FOOTINGS SHALL MATCH SIZE, GRADE, AND SPACING OF RESPECTIVE VERTICAL REINFORCING UNLESS OTHERWISE NOTED. DOWELS SHALL BE SET TO ALIGN WITH CELLS CONTAINING REINFORCING STEEL.
12. REINFORCING STEEL SHALL BE SECURED AGAINST DISPLACEMENT PRIOR TO GROUTING USING WIRE POSITIONERS AT INTERVALS NOT EXCEEDING 200 BAR DIAMETERS. PROVIDE A MINIMUM OF ONE BAR DIAMETER, LARGEST SIZE AGGREGATE PLUS 1/4 INCH, OR 1/2 INCH, WHICHEVER IS GREATER, GROUT BETWEEN MAIN REINFORCING STEEL AND MASONRY UNIT.
13. REINFORCING STEEL, EXCEPT JOINT REINFORCING, SHALL BE COMPLETELY EMBEDDED IN MORTAR OR GROUT AND HAVE A MINIMUM COVER, INCLUDING CMU SHELL, AS FOLLOWS:

A. CMU NOT EXPOSED TO EARTH OR WEATHER	1-1/2"
B. CMU EXPOSED TO EARTH OR WEATHER:	
NO. 6 AND LARGER	2"
NO. 5 AND SMALLER	1-1/2"

METAL DECKING

1. METAL DECKING SHALL BE OF GAGE AND PROFILE AS INDICATED ON THE DRAWINGS, BY MANUFACTURER(S) SPECIFIED.
2. METAL DECKING AND ACCESSORIES SHALL BE COLD FORMED FROM GALVANIZED STEEL SHEETS COMPLYING WITH ASTM A653-SS GRADE 50 (MINIMUM), HAVING A MINIMUM YIELD STRENGTH OF 50,000 PSI, WITH COATING DESIGNATION G60. GALVANIZING SHALL BE BY THE HOT-DIP PROCESS COMPLYING WITH ASTM A924.
3. MINIMUM BEARING OF METAL DECKING ON SUPPORTS SHALL BE 2 INCHES. ATTACH METAL DECKING TO SUPPORTING STEEL MEMBERS BY WELDING AS SPECIFIED ON THE DRAWINGS AND AS RECOMMENDED BY DECK MANUFACTURER USING E60 OR E70 ELECTRODES. DECK WELDING SHALL BE IN COMPLIANCE WITH ANSI/AWS D1.3. WELDERS SHALL BE AWS CERTIFIED AS REQUIRED BY THE GOVERNING CODE AUTHORITY.
4. DECKING IS DESIGNED FOR UNSHORED CONSTRUCTION TO MAXIMUM SPANS INDICATED ON THE DRAWINGS. SUBJECT TO APPROVAL BY THE ARCHITECT (STRUCTURAL ENGINEER), PROVIDE ADEQUATE SHORING OR HEAVIER GAUGE DECK WHERE MAXIMUM SPANS ARE EXCEEDED. DECKING SHALL BE CONTINUOUS OVER THREE SPANS WHERE POSSIBLE.
5. HOURLY FIRE RESISTIVE REQUIREMENTS FOR FLOOR AND ROOF DECKS SHALL BE DETERMINED USING CBC TABLE 601. BUILDING TYPES OF CONSTRUCTION AND FIREPROOFING MATERIALS ARE AS INDICATED ON THE ARCHITECTURAL DRAWINGS.
6. AT COMPLETION OF METAL DECK ERECTION, ALL WELDS IN EXPOSED AREAS SHALL BE DE-SLAGGED, CLEAND AND PRIMED WITH A ZINC RICH PRIMER.
7. SUBMIT COMPLETE METAL DECKING SHOP DRAWINGS TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW PRIOR TO FABRICATION.

SEISMIC ANCHORAGE OF EQUIPMENT

1. SEISMIC ANCHORAGE OF THE EQUIPMENT ON THIS PROJECT IS SHOWN ON THE DRAWINGS AS FOLLOWS:
   A. ARCHITECTURALLY SPECIFIED EQUIPMENT AND CASE WORK - ANCHORAGE SCHEDULES AND DETAILS SHOWN ON ARCHITECTURAL DRAWINGS.
   B. MECHANICAL, ELECTRICAL AND PLUMBING (MEP) EQUIPMENT - ANCHORAGE SCHEDULES AND DETAILS ARE SHOWN ON THE M, E, P DRAWINGS.
   C. SPORTS EQUIPMENT AND KITCHEN EQUIPMENT - ANCHORAGE DETAILS SHOWN ON STRUCTURAL DRAWINGS.
2. SEISMIC ANCHORAGE OF ALL EQUIPMENTS SHALL BE IN ACCORDANCE WITH THE FOLLOWING DESIGN CRITERIA:
   A. 2022 CALIFORNIA BUILDING CODE (CBC).
   B. SEISMIC DESIGN FOR THE ANCHORAGE OF EQUIPMENT SHALL BE PER ASCE 7, CHAPTER 13 AND CBC SECTION 1613 AND 1615 AND 1616 USING THE FOLLOWING COEFFICIENTS:
      RISK OCCUPANCY, SDS & SDI AS NOTED ON SHEET S0.1.
      IP IN ACCORDANCE WITH SECTION 13.1.3.
      a_P AND R_P IN ACCORDANCE WITH TABLE 13.5-1 AND 13.6-1 OF ASCE 7, CHAPTER 13.
3. ANCHORAGE OF ALL EQUIPMENT TO BE INSTALLED, AS A PART OF THIS PROJECT, SHALL BE DETAILED ON THESE PLANS, EXCEPT FOR THE FOLLOWING:
   A. EQUIPMENT WEIGHING LESS THAN 400 POUNDS SUPPORTED DIRECTLY ON THE FLOOR OR ROOF.
   B. TEMPORARY OR MOVABLE EQUIPMENT.
   C. EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUPPORTED BY VIBRATION ISOLATORS.
   D. EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM WALL.
   E. FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE DEPUTY INSPECTOR, BUT SHALL BE DESIGNED TO RESIST THE LOADS OF ITEM #2 ABOVE.
4. ALL EQUIPMENT ANCHORAGE DESIGNS THAT ARE TO BE PROVIDED BY CONTRACTOR SHALL BE SUBMITTED WITH INFORMATION LISTED BELOW. THESE DESIGNS SHALL BE REVIEWED AND APPROVED BY THE DESIGN TEAM PRIOR TO EQUIPMENT INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR RESPONDING AND RESOLVING ALL DESIGN TEAM COMMENTS.
   A. EQUIPMENT ANCHORAGE DETAILS THAT SPECIFY ALL COMPONENTS OF ANCHORAGE AND CLEARLY SHOW HOW AND WHERE CONNECTIONS ARE MADE TO THE STRUCTURE.
   B. EQUIPMENT ANCHORAGE CALCULATIONS THAT CHECK ALL OF THE COMPONENTS OF THE EQUIPMENT ANCHORAGE SYSTEM. THE CALCULATIONS SHALL CLEARLY SHOW THE MAGNITUDE AND LOCATION OF THE FORCES IMPOSED ON THE STRUCTURE.
   C. DETAILS AND CALCULATIONS SHALL BE STAMPED AND SIGNED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF CALIFORNIA.
5. "WEIGHT" REFERS TO THE MAXIMUM OPERATING WEIGHT, UNLESS NOTED OTHERWISE.

POST INSTALLED ANCHORS

1. ALL POST INSTALLED ANCHORS SHALL COMPLY WITH REQUIREMENTS OF THE CORRESPONDING ICC-ESR REPORTS.
2. POST-INSTALLED ANCHORS OF EQUAL QUALITY AND WITH CURRENT ICC-ES REPORT MAY BE SUBSTITUTED IF APPROVED BY THE ARCHITECT (STRUCTURAL ENGINEER).
3. DRILL AND EPOXY ANCHORS:
   A. "HILTI HIT-HY 200" EPOXY ANCHORS IN ACCORDANCE WITH ICC-ES REPORT NO. 3187 FOR CONCRETE, UNO ON PLAN.
   B. "HILTI HIT-HY 270" EPOXY ANCHORS IN ACCORDANCE WITH ICC ES REPORT NO. 4143 INTO CMU.

STRUCTURAL OBSERVATION

1. STRUCTURAL OBSERVATION IS REQUIRED FOR THE STRUCTURAL SYSTEM IN ACCORDANCE WITH SECTION 1704.6 OF THE CALIFORNIA BUILDING CODE (CBC). STRUCTURAL OBSERVATION IS THE VISUAL OBSERVATION AT THE CONSTRUCTION SITE OF THE ELEMENTS AND CONNECTIONS OF THE STRUCTURAL SYSTEM AT SIGNIFICANT CONSTRUCTION STAGES, AND THE COMPLETE STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS. STRUCTURAL OBSERVATION DOES NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED BY THE DIVISION OF STATE ARCHITECT SPECIAL INSPECTOR OR THE DEPUTY INSPECTOR.
2. THE OWNER SHALL EMPLOY A STATE OF CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER OR LICENSED ARCHITECT TO PERFORM THE STRUCTURAL OBSERVATION. THE GOVERNING CODE AUTHORITY RECOMMENDS THE USE OF THE ENGINEER OR ARCHITECT, OR HIS/HER DESIGNEE RESPONSIBLE FOR THE STRUCTURAL DESIGN WHO ARE INDEPENDENT OF THE CONTRACTOR.
3. THE PROJECT INSPECTOR SHALL COORDINATE AND CALL FOR A MEETING BETWEEN THE ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN, STRUCTURAL OBSERVER, CONTRACTOR, AFFECTED SUBCONTRACTORS. THE PURPOSE OF THE MEETING SHALL BE TO IDENTIFY MAJOR STRUCTURAL ELEMENTS AND CONNECTIONS THAT AFFECT VERTICAL AND LATERAL LOAD SYSTEMS OF THE STRUCTURE AND TO REVIEW SCHEDULING OF THE REQUIRED OBSERVATIONS. A RECORD OF THE MEETING SHALL BE INCLUDED IN THE FIRST OBSERVATION REPORT SUBMITTED TO THE PROJECT INSPECTOR.
4. THE STRUCTURAL OBSERVER SHALL PERFORM SITE VISITS AT THOSE STEPS IN THE PROGRESS OF THE WORK THAT ALLOW FOR CORRECTION OF DEFICIENCIES WITHOUT SUBSTANTIAL EFFORT OR UNCOVERING OF THE WORK INVOLVED. AT A MINIMUM, THE LISTED SIGNIFICANT CONSTRUCTION STAGES ON THE "STRUCTURAL OBSERVATION/SIGNIFICANT CONSTRUCTION STAGES TABLE"(HERE IN BELOW) REQUIRE A SITE VISIT AND AN OBSERVATION REPORT FROM THE STRUCTURAL OBSERVER.
5. THE STRUCTURAL OBSERVER SHALL PREPARE A REPORT FOR EACH SIGNIFICANT STAGE OF CONSTRUCTION OBSERVED. THE ORIGINAL OF THE STRUCTURAL OBSERVATION REPORT SHALL BE SENT TO THE PROJECT INSPECTOR'S OFFICE AND SHALL BE SIGNED AND SEALED (WET STAMP) BY THE RESPONSIBLE STRUCTURAL OBSERVER. ONE COPY OF THE OBSERVATION REPORT SHALL BE ATTACHED TO THE APPROVED PLANS. THE COPY ATTACHED TO PLANS SHALL BE SIGNED AND SEALED (WET STAMP) BY THE RESPONSIBLE STRUCTURAL OBSERVER OR THEIR DESIGNEE. COPIES OF REPORT SHALL ALSO BE GIVEN TO THE OWNER, CONTRACTOR, AND DEPUTY INSPECTOR. ANY DEFICIENCIES NOTED ON THE OBSERVATION REPORT WILL BECOME THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER OR ARCHITECT OF RECORD TO VERIFY ITS COMPLETION BY THE STRUCTURAL OBSERVER.
6. A FINAL OBSERVATION REPORT MUST BE SUBMITTED WHICH SHOWS THAT ALL OBSERVED DEFICIENCIES WERE RESOLVED AND STRUCTURAL SYSTEM GENERALLY CONFORMS WITH THE APPROVED PLANS AND SPECIFICATIONS. THE GOVERNING CODE AUTHORITY WILL NOT ACCEPT THE STRUCTURAL WORK WITHOUT THIS FINAL OBSERVATION REPORT AND THE CORRECTION OF SPECIFIC DEFICIENCIES NOTED DURING NORMAL BUILDING INSPECTION.
7. THE STRUCTURAL OBSERVER SHALL PROVIDE THE ORIGINAL STAMPED AND SIGNED STRUCTURAL OBSERVATION REPORT TO THE DEPUTY INSPECTOR.
8. WHEN THERE IS A NEED TO REPLACE THE STRUCTURAL OBSERVER OF RECORD, THE OWNER SHALL:
   A. NOTIFY THE DEPUTY INSPECTOR IN WRITING BEFORE THE NEXT INSPECTION
   B. CALL AN ADDITIONAL PRECONSTRUCTION MEETING, AND
   C. FURNISH THE REPLACEMENT STRUCTURAL OBSERVER WITH A COPY OF ALL PREVIOUS OBSERVATION REPORTS.
   D. THE NEW STRUCTURAL OBSERVER MUST BE DESIGNATED BY THE STRUCTURAL OR ARCHITECT OF RECORD.
9. THE REPLACEMENT STRUCTURAL OBSERVER SHALL APPROVE THE CORRECTION OF THE ORIGINAL OBSERVED DEFICIENCIES UNLESS OTHERWISE APPROVED BY THE OWNER. THE POLICY OF THE OWNER IS TO CORRECT ANY PROPERLY NOTED DEFICIENCIES WITHOUT CONSIDERATION OF THEIR SOURCE.
10. THE ENGINEER OR ARCHITECT OF RECORD WILL DEVELOP ALL CHANGES RELATING TO THE STRUCTURAL SYSTEMS. THE OWNER SHALL REVIEW AND APPROVE ALL CHANGES TO THE APPROVED PLANS AND SPECIFICATIONS.
11. SIGNIFICANT CONSTRUCTION STAGES ARE THE STAGES OF CONSTRUCTION IDENTIFIED BY THE ENGINEER OBSERVER AS SIGNIFICANT AND REQUIRE SITE STRUCTURAL OBSERVATION.

STRUCTURAL OBSERVATION/SIGNIFICANT CONSTRUCTION STAGE TABLE

CONST STAGE	CONST TYPE	ELEMENTS/CONNECTIONS TO BE OBSERVED
FOUNDATION	SPREAD FOOTINGS CONTINUOUS FTGS TIE BEAMS SLAB ON GRADE	FIRST SIGNIFICANT FOUNDATION POUR; REINF IN-PLACE PRIOR TO CONCRETING
WALL	CMU WALLS	REINF IN-PLACE
WOOD FRAMING	SHEAR WALLS ROOF FRAMING FLOOR FRAMING	HARDWARE IN PLACE PRIOR TO INSTALLATION OF PLYWOOD WALL PLUS ROOF / FLOOR SHEATHING AND DIAPHRAGM NAILING
STEEL FRAMING	ROOF FRAMING CANOPY FRAMING	STEEL FRAMING IN-PLACE PRIOR TO DECKING
FRAME	STEEL MOMENT FRAMES	FIRST SIGNIFICANT FRAME ERECTION
DIAPHRAGM	METAL DECK	WELDING PRIOR TO ROOFING
COMPLETION	OVERALL STRUCTURE	ALL OBSERVED DEFICIENCIES RESOLVED GENERAL CONFORMANCE TO APPROVED DOCUMENTS







CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 12" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	TEAM	TMB

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. S0.03
SHEET 104 OF 294

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100% CONSTRUCTION DOCUMENTS - 01/12/2024

STRUCTURAL GLUED LAMINATED BEAMS (GLB)

1. 1.GLU-LAM LUMBER: DOUGLAS FIR STRUCTURAL LUMBER COMPLYING WITH STANDARD GRADING RULES NO. 17 (2018) OF THE WEST COAST LUMBER INSPECTION BUREAU. FABRICATE GLUED-LAMINATED LUMBER IN COMPLIANCE WITH AITC STANDARD SPECIFICATIONS FOR STRUCTURAL GLUED-LAMINATED TIMBER OF SOFTWOOD SPECIES (AITC 117,2010). ANSI/AITC A190.1-2012 AND ASTM D3737-2018.
2. CONDITION OF USE: DRY CONDITION OF USE WITH A MOISTURE CONTENT LESS THAN 12 PERCENT AT THE TIME OF GLUING FOR CONCEALED MEMBERS. WET CONDITION OF USE FOR EXPOSED MEMBERS. PRESSURE TREATMENT OF ALASKAN YELLOW CEDAR IS NOT REQUIRED.
3. JOINT ADHESIVE: BOND LAMINATIONS TOGETHER WITH WET USE (WATERPROOF) ADHESIVES IN COMPLIANCE WITH ASTM D2559-2018.
4. APPEARANCE GRADE: INDUSTRIAL FOR CONCEALED MEMBERS.
   ARCHITECTURAL FOR EXPOSED MEMBERS.
5. COMBINATION SYMBOLS:

   SIMPLE SPAN BEAMS.....24F-V4
   CANTILEVER AND CONTINUOUS BEAMS.....24F-V8
6. SHOP DRAWINGS AND CERTIFICATES OF COMPLIANCE: SUBMIT FOR EACH MEMBER IN COMPLIANCE WITH APPLICABLE CODE TO ARCHITECT (STRUCTURAL ENGINEER) AND GOVERNING CODE AUTHORITY. INDICATE GRADE, TYPE OF GLUE, COMBINATION SYMBOLS, DRY OR WET CONDITION OF USE, CAMBERS, PRESSURE TREATMENT (IF REQUIRED). GRADE OF TENSION OR COMPRESSION LAMINATIONS IN 24F-V4 AND 24F-V8 MEMBERS AND DIRECTION OF GRAIN IN LAMINATIONS IN FULL TENSION MEMBERS.
7. ALL STRUCTURAL GLUED-LAMINATED TIMBER SHALL BE CONTINUOUSLY INSPECTED DURING FABRICATION BY A GLUE FABRICATION INSPECTOR SPECIALLY APPROVED FOR THAT PURPOSE BY THE GOVERNING CODE AUTHORITY.

ARCHITECTURAL CLADDING (DESIGN-BUILD)

1. ALL ARCHITECTURAL CLADDING, INCLUDING CURTAIN WALLS, WINDOW WALLS, AND STOREFRONTS, SHALL BE DESIGN-BUILD BY CONTRACTOR. ARCHITECTURAL CLADDING SYSTEMS ARE NOT SPECIFIED ON THE STRUCTURAL DRAWINGS AND DO NOT FORM A PART OF THE PRIMARY STRUCTURAL SYSTEM. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALL INFORMATION PERTAINING TO ARCHITECTURAL CLADDING SYSTEMS.
2. CONTRACT DOCUMENTS INDICATE DESIGN INTENT, INCLUDING GENERAL ARRANGEMENT, EXPECTED PROFILES, AND SUPPORT POINTS. INDICATIONS OF SPECIFIC CLADDING ELEMENTS AND THEIR CONNECTIONS TO STRUCTURE, WHERE SHOWN, ARE INTENDED SOLELY TO SHOW INTENDED LOAD PATH AND SUPPORT POINTS. WHERE THE INDICATED SUPPORT POINTS ARE NOT ADEQUATE, PROVIDE ADDITIONAL SUPPORTS, CONNECTIONS, BRACES OR OTHER ELEMENTS AS REQUIRED AT NO ADDITIONAL COST TO OWNER. ADVISE ARCHITECT (STRUCTURAL ENGINEER) OF ANY CHANGES THAT AFFECT THE DESIGN INTENT, SUCH AS CLADDING PROFILE OR INTENDED LOAD PATH, PRIOR TO DEVELOPING SHOP DRAWINGS FOR THE WORK.
3. DESIGN CLADDING MEMBERS, CONNECTIONS, AND SUPPORTS TO STRUCTURE FOR ALL LOADS, FIRE RESISTIVE REQUIREMENTS, AND OTHER CONDITIONS OF GOVERNING CODE AND CONTRACT DOCUMENTS.
4. DESIGN CLADDING MEMBERS, CONNECTIONS, AND SUPPORTS TO STRUCTURE TO ALLOW FOR ADEQUATE THERMAL EXPANSION AND CONTRACTION, AND PROVIDE ALLOWANCE FOR DIFFERENTIAL GRAVITY AND SEISMIC DEFORMATIONS BETWEEN SUPPORTING STRUCTURE AND CLADDING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND GOVERNING CODE. WHERE STRUCTURAL DEFORMATIONS ARE NOT SHOWN, ASSUME THE FOLLOWING VALUES FOR BID PURPOSES, AND OBTAIN ACCURATE ESTIMATE FROM ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO DESIGN:
   A. STORY DRIFT, DELTA (Δ) = 2.5% OF STORY HEIGHT
   B. LIVE LOAD + SUPERIMPOSED DEAD LOAD VERTICAL DEFLECTION = 1 1/4 INCH.
5. SUBMIT SHOP DRAWINGS AND STRUCTURAL CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER, LICENSED IN THE STATE OF CALIFORNIA, TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW AND GOVERNING CODE AUTHORITY FOR APPROVAL.
6. CONNECTIONS TO STRUCTURE SHALL NOT IMPOSE ECCENTRIC OR TWISTING LOADS ON STRUCTURAL SUPPORT MEMBERS. WHERE ECCENTRIC CONNECTIONS ARE NECESSARY, PROVIDE ADDITIONAL BRACES, STIFFENER PLATES, OR OTHER SUPPORTS TO STABILIZE STRUCTURAL MEMBERS AT NO ADDITIONAL COST TO OWNER.

Santee
SO MORE • SUE EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

VERSA STUD & VERSA-LAM COLUMN - LAMINATED VENEER LUMBER (LVL) (CONTINUED)

3. PROPERTIES: (VERSA-LAM COLUMN GRADE 1.8E 2650)

   JOIST BEAM ORIENTATION
   E(APPARENT) = $1.7x10^6$ PSI
   Fb = 2650 PSI
   Fv = 285 PSI
   Fc (pcrp) = 750 PSI

   AXIAL
   Ft = 1650 PSI
   Fc = 3000 PSI
4. PROVIDE MATERIALS AND MANUFACTURE TO THE STANDARDS SET FORTH IN ICC-ESR-1040.
5. ADHESIVES: WATERPROOFING TYPE CONFORMING TO THE REQUIREMENTS OF ASTM D-2559.

WOOD I - JOIST

1. PROVIDE WOOD I - JOIST AS MANUFACTURED BY RED BUILT CORPORATION COMPLYING WITH ICC EVALUATION REPORT NO. ESR-2994 & ASTM D5055.
2. FABRICATE JOISTS IN COMPLIANCE WITH ICC-ESR-2994.
3. DESIGN DEFLECTIONS WERE LIMITED TO THE FOLLOWING MINIMUM CRITERIA:
   ROOF JOISTS - DEAD LOAD PLUS LIVE LOAD L/240
   ROOF JOISTS - LIVE LOAD L/360
   FLOOR JOISTS - LIVE LOAD L/480
   (REFER TO REDBUILT DEFLECTION CRITERIA)
4. SUBMIT SHOP DRAWINGS AND STRUCTURAL CALCULATIONS SIGNED BY AND BEARING THE SEAL OF A CALIFORNIA REGISTERED STRUCTURAL ENGINEER TO ARCHITECT (STRUCTURAL ENGINEER) FOR REVIEW AND GOVERNING CODE AUTHORITY FOR APPROVAL.
5. KEEP JOISTS UPRIGHT AT ALL TIMES. PLUMB JOISTS AND HOLD CHORDS IN A STRAIGHT LINE FROM THE TIME JOISTS ARE SET IN PLACE UNTIL SHEATHING IS APPLIED.
6. PROVIDE CROSS BRIDGING, BRACING, OR BOTH AS REQUIRED TO ADEQUATELY BRACE JOISTS, INSTALL BRIDGING AS ERECTION PROCEEDS AND INSTALL TEMPORARY BRACING TO MAINTAIN ALIGNMENT AND PREVENT LATERAL MOVEMENT.
7. SECURELY FASTEN SHEATHING TO TOP CHORD. STAGGER NAILING TO AVOID SPLITTING AND TO ENSURE NAILING INTO EACH CHORD MEMBER.
8. DO NOT DRILL OR CUT CHORD MEMBERS. HOLES IN WEB MEMBERS ARE NOT ALLOWED UNLESS SPECIFICALLY DETAILED IN APPROVED DRAWINGS. NO HOLES ARE ALLOWED IN CANTILEVER MEMBERS. IT IS ACCEPTABLE TO DRILL THE WEB OF PWJ FOR HORIZONTAL HOLDOWN RODS AS SHOWN ON STRUCTURAL DRAWINGS, WITH MAXIMUM 1/8" OVERSIZE.

PARALLAM BEAMS

1. MANUFACTURER: PARALLAM PSL 2.0E WS BY WEYERHAEUSER.
2. PROPERTIES:
   - JOIST/BEAM ORIENTATION:
     E = $2.0x10^6$ PSI
     Emin = $1.017x10^6$ PSI
     Fb = 2900 PSI
     Fv = 290 PSI
     Fc (perp) = 625 PSI
   - FACE/FLAT/PLANK ORIENTATION:
     Fb = 2650 PSI
     Fv = 210 PSI
     Fc(pcrp) = 635 PSI
   - Axial:
     Ft = 2300 PSI
     Fc = 2900 PSI
3. PROVIDE MATERIALS AND MANUFACTURE TO THE STANDARDS SET FORTH IN ICC-ESR-1387.
4. ADHESIVES: WATERPROOFING TYPE CONFORMING TO THE REQUIREMENTS OF ASTM D-2559
5. SUBMITTALS: SHOP DRAWINGS SHOWING LAYOUT AND FIT; CALCULATIONS STAMPED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA.

MICROLLAM - LAMINATED VENEER LUMBER (LVL)

1. MANUFACTURER: MICROLLAM - LAMINATED VENEER LUMBER (LVL) 2.0E DL/LP/WH BY RED BUILT.
2. PROPERTIES:

   JOIST BEAM ORIENTATION
   E = $2.0x10^6$ PSI
   Emin = $1.0x10^6$ PSI
   Fb = 2750 PSI
   Fv = 285 PSI
   Fc (perp) = 750 PSI

   FACE / FLAT / PLANK ORIENTATION
   Fb = 2700 PSI
   Fv = 190 PSI
   Fc (perp) = 650 PSI

   AXIAL
   Ft = 1660 PSI
   Fc = 2635 PSI
3. PROVIDE MATERIALS AND MANUFACTURE TO THE STANDARDS SET FORTH IN ICC-ES REPORT #ESR-2993.
4. ADHESIVES: WATERPROOFING TYPE CONFORMING TO THE REQUIREMENTS OF ASTM D-2559.

ROUGH CARPENTRY AND TIMBER (CONTINUED)

13. WOOD SCREWS: SCREWS SHALL MEET REQUIREMENTS OF ANSI/ASME STANDARD B18.6.1. SEE 2018 NDS TABLE L3 FOR WOOD SCREW DIMENSIONS. WOOD SCREW STRENGTHS TO BE THE SAME AS FOR NAILS OF SAME DIAMETER. AT METAL TO WOOD CONNECTIONS, PROVIDE "PANCAKE" HEADED SCREWS.
14. PLATE WASHERS: PROVIDE 3x3x1/4 (MIN) UNDER HEADS OR NUTS OF BOLTS (INCLUDING ANCHOR BOLTS AT SILL PLATES) AND LAG SCREWS WHEN ANCHORING WOOD.
15. WOOD HARDWARE: CONNECTORS AND HOLDOWNS: MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. COMPLYING WITH CORRESPONDING ICC OR IAPMO EVALUATION.
16. ANCHOR BOLTS: ALL ANCHOR BOLTS INTO CONCRETE TO BE A36 THREADED STOCK UNLESS OTHERWISE NOTED. PROVIDE FULL BODY DIAMETER BOLTS.
17. NOTCHING OR CUTTING STRUCTURAL LUMBER: NOT PERMITED UNLESS SPECIFICALLY DETAILED OR INDICATED.
18. LATERAL SUPPORT FOR BEAMS, RAFTERS AND JOISTS: CBC SECTION 2308.4.6. (JOISTS SHALL BE SUPPORTED LATERALLY AT THE ENDS AND AT EACH SUPPORT BY SOLID BLOCKING EXCEPT WHERE THE ENDS OF JOISTS ARE NAILED TO A HEADER, AND/OR RIM JOIST OR TO AN ADJOINING STUD OR BY OTHER APPROVED MEANS. SOLID BLOCKING SHALL NOT BE LESS THAN 2 INCHES (51mm) IN THICKNESS AND FULL DEPTH OF JOIST.)
19. WOOD STUDS:
    A. STUD WALL BRACING IN STUD WALLS NOT PLYWOOD SHEATHED: COMPLIANCE WITH CBC SECTION 2308.6.
    B. FIREBLOCKING: CBC SECTION 718.2 UNLESS CLOSER SPACING OR MORE RESTRICTIVE REQUIREMENTS ARE SPECIFIED.
    C. NOTCHING OR BORING HOLES IN WOOD STUDS PER CBC SECTION 2308.5.9 AND 2305.5.10.
20. POST MAY BEAR ON SILL PLATES UNLESS OTHERWISE NOTED.
21. WALL BRACING: ALL WALLS NOT OTHERWISE BRACED SHALL HAVE 1x6 DIAGONAL LET-IN BRACING AT EACH OF 25 FEET INTERVALS. EACH BRACE SHALL COVER MINIMUM 3 STUD SPACES AND BE NAILED TO TOP AND BOTTOM PLATES WITH 3-8d NAILS.
22. UNLESS CLOSER SPACING OR MORE RESTRICTIVE REQUIREMENTS ARE SPECIFIED, FIREBLOCKED WALLS SHALL BE FIREBLOCKED SO THAT NO SPACE EXCEEDS 8 FEET IN HEIGHT. STAIR STRINGERS SHALL BE FIREBLOCKED AT EACH END AND MID-HEIGHT.
23. STUD BOLTING: STUDS ADJACENT TO CONCRETE OR MASONRY WALLS SHALL BE BOLTED THERETO WITH 1/2" DIAMETER x 8" BOLTS AT TOP, BOTTOM AND MID-HEIGHT.
24. PLYWOOD SHALL BE INDICATED ON PLANS AND DETAILS. ALL HORIZONTAL PLYWOOD SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO JOISTS. FLOOR AND ROOF SHEATHING SHALL HAVE A PANEL INDEX OF 32/16 (UNO)
25. FLOOR JOISTS AND ROOF JOISTS SHALL BE BLOCKED AT 8'-0" OC. UNLESS CLOSER SPACING OR MORE RESTRICTIVE REQUIREMENTS ARE SPECIFIED.
26. FOR FLUSH FRAMING OR JOISTS, USE SIMPSON 'U' JOIST OR EQUAL.
27. ALL POST SHALL BE 4x WIDTH OF BEAM MINIMUM EXCEPT AS NOTED OTHERWISE.
28. NAILING PLYWOOD TO BE APPROVED BY THE INSPECTOR BEFORE COVERING WITH ROOF OR WALL MATERIALS.
29. STRUCTURAL MEMBER SHALL NOT BE CUT FOR PIPES, ETC. UNLESS SPECIFICALLY NOTED OR DETAILED. PLUMBERS AND ELECTRICIANS SHALL CHECK STRUCTURAL PLANS FOR ALL DUCTS, SLEEVES, ETC. FOR ANY INTERFERENCE WITH STRUCTURAL MEMBERS. IF ANY INTERFERENCES OCCUR OBTAIN PRIOR WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
30. PARTITION SUPPORT AT FLOOR FRAMING: DOUBLE JOISTS UNDER PARTITIONS WHICH ARE PARALLEL TO JOISTS AND PROVIDE SOLID FULL DEPTH BLOCKING UNDER PARTITIONS WHICH ARE PERPENDICULAR TO JOISTS.
31. ALL METAL CONNECTORS, HANGERS AND STRAPS SHALL BE FULLY BOLTED OR NAILED TO DEVELOP FULL STRENGTH PER MANUFACTURER'S SPECIFICATIONS.
32. 2x SOLID BLOCKING SHALL BE PLACED BETWEEN JOISTS AND RAFTERS AT ALL SUPPORTS.
33. EXTERIOR EXPOSED CONNECTORS: PROVIDE HOT DIPPED GALVANIZED OR STAINLESS STEEL CONNECTORS AND FASTENERS.
34. NON-LOAD BEARING WALL:

STUD SIZE	MAX HEIGHT
2x4 STUD @ 16" OC	10'-0"
2x6 STUD @ 16" OC	18'-0"

35. ALL WOOD FRAMING SHALL COMPLY WITH CHAPTER 23 OF THE CBC, UNO.
36. ALL SIMPSON SDS SCREWS CONNECTING TO STEEL BACKING ARE TO BE LOCATED IN PRE-DRILLED HOLES PER ICC-ES REPORT NO. ESR-2236.

VERSA STUD & VERSA-LAM COLUMN - LAMINATED VENEER LUMBER (LVL)

1. MANUFACTURER: VERSA STUD - LAMINATED VENEER LUMBER (LVL) 1.8E 2400 BY BOISE CASCADE
   VERSA-LAM COLUMN - LAMINATED VERNEER LUMBER (LVL) 1.8E 2650 BY BOISE CASCADE
2. PROPERTIES: (VERSA-STUD GRADE 1.8E 2400)

   JOIST BEAM ORIENTATION
   E(APPARENT) = $1.7x10^6$ PSI
   Fb = 2400 PSI
   Fv = 285 PSI
   Fc (pcrp) = 750 PSI

   AXIAL
   Ft = 1500 PSI
   Fc = 3000 PSI

ROUGH CARPENTRY AND TIMBER

1. ALL LUMBER USED FOR STRUCTURAL PURPOSE SHALL BE DOUGLAS FIR-LARCH, COAST REGION, GRADED IN ACCORDANCE WITH THE WEST COAST LUMBER INSPECTION BUREAU. ALL LUMBER SHALL BE LESS THAN 19% MOISTURE CONTENT AT TIME OF INSTALLATION AND SHALL COMPLY WITH THE DOC PS20 OR EQUIVALENT.
2. THE MINIMUM GRADES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON PLANS:
3. GRADE FOR HORIZONTAL FRAMING MEMBERS SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON PLANS:

2X	D.F. #1
4X12 OR SMALLER	D.F. #1
4X14 OR LARGER	D.F. #1
6X OR LARGER	D.F. #1

4. GRADE FOR VERTICAL FRAMING MEMBERS (STUDS AND POST) SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON PLANS:

STUDS	D.F. #1
4X4 OR 4X6	SAME AS STUDS
6X6 OR LARGER	D.F. #1

5. GRADE FOR MISCELLANEOUS FRAMING MEMBERS IN SHEAR WALLS

SILL PLATES	P.T.D.F.	No.1
SOLE PLATES	D.F.	No.1
SHEAR BLOCKING	D.F.	No.1
TOP PLATES	D.F.	No.1

6. GRADE FOR MISCELLANEOUS FRAMING MEMBERS IN OTHER WALLS

2X / 3X SILL PLATE	P.T.D.F. STANDARD
TOP & SOLE PLATE, BLOCKING	D.F. STANDARD

   NOTE: ALL BLOCKING SHALL BE CUT TO FIT FLUSH AGAINST SHEATHING AND THE ADJOINING FRAMING MEMBERS.
7. PLYWOOD: EACH SHEET OF PLYWOOD SHALL BE IDENTIFIED WITH THE GRADE TRADE MARK OF AN APPROVED TESTING AND GRADING AGENCY. THE SHEATHING SHALL MEET THE REQUIREMENTS OF PRODUCT STANDARD (DOC) PS1 AND PS2 OR APA PRP-108. INSTALL SHEATHING PANELS IN A DIRECTION AS SHOWN ON PLANS. PANELS WITH DIMENSION LESS THAN 24 INCHES IN ANY DIRECTION SHALL NOT BE USED UNLESS ALL EDGES ARE BLOCKED WITH MIN 2x FRAMING MEMBERS. PANELS INSTALLED AT LOCATIONS PERMANENTLY EXPOSED TO WEATHER SHALL BE GRADED WITH EXTERIOR EXPOSURE.

ROOF SHEATHING:	
THICKNESS	PER PLAN
EXPOSURE	EXPOSURE 1
PLAN INDEX	32/16
NAILING	PER PLAN
BLOCKING	PER PLAN
SHEAR PANEL:	
THICKNESS	PER SHEAR WALL SCHEDULE
EXPOSURE	EXPOSURE 1
PLAN INDEX	24/0
NAILING	PER SHEAR WALL SCHEDULE
BLOCKING	BLOCKED

8. SPECIAL INSPECTION BY A PROJECT INSPECTOR IS REQUIRED WHERE THE FASTENER SPACING OF THE SHEATHING IS LESS THAN 4 INCHES ON CENTER.
9. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED, SEE SPECIFICATIONS AND CBC SECTION 2304.12.1. PROVIDE HOT DIPPED GALVANIZED OR STAINLESS STEEL FASTENERS AND HARDWARE CONNECTORS AS REQUIRED TO PREVENT CORROSION AT PRESSURE TREATED STRUCTURAL LUMBERS (INCLUDING ANCHOR BOLTS, NAILS, WASHERS, PLATES, HANGERS, CLIPS, ETC.) IN ACCORDANCE WITH CBC SECTION 2304.10.5.

   NAIL DEFINITIONS

DESIGNATION	DIAMETER	LENGTH
16d COMMON	0.162	3-1/2"
16d SINKER	0.148	3-1/4"
16d SHORT	0.131	3-1/4"
8d COMMON	0.131	3-1/2"
10d COMMON	0.148	3"

10. NAILS: ALL NAILS SHALL BE COMMON NAILS WITH DIMENSIONAL PROPERTIES COMPLYING WITH ASTM F1667 UNO. NAILS USED FOR FRAMING AND SHEATHING CONNECTIONS SHALL HAVE MINIMUM AVERAGE BENDING YIELD STRENGTHS AS FOLLOWS:

    80 KIPS PER SQUARE INCH (KSI) (551 MPa) FOR SHANK DIAMETERS LARGER THAN 0.177 INCH 4.50MM) BUT NOT LARGER THAN 0.254 INCH (6.45MM)

    90 KSI (620 MPa) FOR SHANK DIAMETERS LARGER THAN 0.142 INCH (3.61MM) BUT NOT LARGER THAN 0.177 INCH (4.50MM)

    100KSI (689 MPa) FOR SHANK DIAMETERS OF AT LEAST 0.099 INCH (2.51MM) BUT NOT LARGER THAN 0.142 INCH (3.61MM)

    INSTALL NAILS IN COMPLIANCE WITH CBC CHAPTER 23, INCLUDING TABLE 2304.10.1 UNO.
11. BOLTS: ASTM A307 BOLTS WITH A STANDARD CUT WASHER UNDER BOLT HEAD AND NUT. PROVIDE HOLES FOR BOLTS 1/32 TO 1/16 INCH LARGER THAN NOMINAL BOLT DIAMETER. RE-TIGHTEN BOLTS PRIOR TO APPLICATION OF SHEATHING OR FINISH. BOLTS SHALL MEET REQUIREMENTS OF ANSI/ASMF STANDARD B18.2.1. SEE 2018 NDS FOR BOLT DIMENSIONS.
12. LAG SCREWS: LAGS SHALL MEET REQUIREMENTS OF ANSI/ASME STANDARD B18.2.1. SEE 2018 NDS FOR LAG SCREW DIMENSIONS. PRE-DRILL ALL HOLES. HOLE AT SHANK PORTION TO MATCH DIAMETER OF SHANK. HOLES AT THREADED PORTION TO BE 60 TO 70 PERCENT OF SHANK DIAMETER AND EQUAL TO LENGTH OF THREADED PORTION UNO. USE SOAP AND LUBRICATANTS TO FACILITATE INSTALLATION. DRIVING WITH A HAMMER IS NOT PERMITTED.

INTERWEST
Approved
08/01/2025 3:22:08 PM

REGISTERED PROFESSIONAL ENGINEER
RCE 4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - GENERAL NOTES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 12" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	TEAM	TMB

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY Taylor Iannucci PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. S0.04
SHEET 105 OF 294

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NAILING SCHEDULE (2022 CALIFORNIA BUILDING CODE TABLE 2304.10.2) (CON'T')

FLOOR		
21. JOIST TO SILL, TOP PLATE, OR GIRDER	(4)-8d BOX (2 1/2" x 0.113") OR (3)-8d COMMON (2 1/2" x 0.131") OR (3)-10d BOX (3" x 0.128") OR (3)-3" x 0.131" NAILS	TOENAIL
22. RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d BOX (2 1/2" x 0.113")	4" OC TOENAIL
	8d COMMON (2 1/2" x 0.131") OR 10d BOX (3" x 0.128") OR 3" x 0.131" NAILS	6" OC TOENAIL
23. 1" x 6" SUBFLOOR OR LESS TO EACH JOIST	(3)-8d BOX (2 1/2" x 0.113") OR (2)-8d COMMON (2 1/2" x 0.131") OR (2)-10d BOX (3" x 0.128")	FACE NAIL
24. 2" SUBFLOOR TO JOIST OR GIRDER	(3)-16d BOX (3 1/2" x 0.135") OR (2)-16d COMMON (3 1/2" x 0.162")	BLIND AND FACE NAIL
25. 2" PLANKS (PLANK & BEAM - FLOOR & ROOF)	(3)-16d BOX (3 1/2" x 0.135") OR (2)-16d COMMON (3 1/2" x 0.162")	EACH BEARING, FACE NAIL
26. BUILT-UP GIRDERS AND BEAMS, 2" LUMBER LAYERS	20d COMMON (4" x 0.192")	32" OC FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
	10d BOX (3" x 0.128") OR 3" x 0.131" NAILS	24" OC FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
	AND: (2)-20d COMMON (4" x 0.192") OR (3)-10d BOX (3" x 0.128") OR (3)-3" x 0.131 NAILS	ENDS AND AT EACH SPLICE, FACE NAIL
27. LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	(3)-16d COMMON (3 1/2" x 0.162") OR (4)-16d BOX (3 1/2" x 0.135") OR (4)-10d BOX (3" x 0.128") OR (4)-3" x 0.131" NAILS	EACH JOIST OR RAFTER, FACE NAIL
28. JOIST TO BAND JOIST OR RIM JOIST	(3)-16d COMMON (3 1/2" x 0.162") OR (4)-10d BOX (3" x 0.128") OR (4)-3" x 0.131" NAILS	END NAIL
29. BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	(2)-8d COMMON (2 1/2" x 0.131") OR (2)-10d BOX (3" x 0.128") OR (2)-3" x 0.131" NAILS	EACH END, TOENAIL

WOOD STRUCTURAL PANELS (WSP), SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLEBOARD WALL SHEATHING TO FRAMING[a]			
		EDGES (INCHES)	INTERMEDIATE SUPPORTS (INCHES)
30. 3/8" - 1/2"	6d COMMON OR DEFORMED (2" x 0.113") OR 2 3/8" x 0.113" NAIL (SUBFLOOR AND WALL)	6	12
	8d COMMON OR DEFORMED (2 1/2" x 0.131" x 0.281" HEAD) (ROOF)	6[e]	12[e]
	2 3/8" x 0.113" NAIL (SUBFLOOR AND WALL)	6	12
	2 3/8" x 0.113" x 0.266" HEAD NAIL (ROOF)	3[f]	3[f]
31. 19/32" - 3/4"	8d COMMON (2 1/2" x 0.131") OR 6d DEFORMED (2" x 0.113") (SUBFLOOR OR WALL)	6	12
	8d COMMON OR DEFORMED (2 1/2" x 0.131" x 0.281" HEAD) (ROOF)	6[e]	12[e]
	2 3/8" x 0.113" x 0.266" HEAD NAIL	4	8
32. 7/8" - 1 1/4"	10d COMMON (3" x 0.148") OR 8d DEFORMED (2 1/2" x 0.131" x 0.281" HEAD)	6	12
OTHER EXTERIOR WALL SHEATHING			
33. 1/2" FIBERBOARD SHEATHING[b]	1 1/2" x 0.120", GALVANIZED ROOFING NAIL (7/16" HEAD DIAMETER)	3	6
34. 25/32" FIBERBOARD SHEATHING[b]	1 3/4" x 0.120", GALVANIZED ROOFING NAIL (7/16" HEAD DIAMETER)	3	6
WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING			
35. 3/4" AND LESS	8d COMMON (2 1/2" x 0.131") OR 6d DEFORMED (2" x 0.113") OR 6d DEFORMED (2" x 0.120")	6	12
36. 7/8" - 1"	8d COMMON (2 1/2" x 0.131") OR 8d DEFORMED (2 1/2" x 0.131") OR 8d DEFORMED (2 1/2" x 0.120")	6	12
37. 1 1/8" - 1 1/4"	10d COMMON (3" x 0.148") OR 8d DEFORMED (2 1/2" x 0.131") OR 8d DEFORMED (2 1/2" x 0.120")	6	12

FOR SI: 1 inch = 25.4mm

a. NAILS SPACED AT 6 INCHES AT INTERMEDIATE SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.
b. SPACING SHALL BE 6 INCHES ON CENTER ON THE EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS FOR NON-STRUCTURAL APPLICATIONS. PANEL SUPPORTS AT 16 INCHES (20 INCHES IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED).
c. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL.
d. FOR FASTENERS USED TO ATTACH EXTERIOR WALL COVERINGS OR IN CONTACT WITH PRESERVATIVE-TREATED AND FIRE-RETARDANT-TREATED WOOD SEE CBC SECTION 2304.10.
e. TABULATED FASTENER REQUIREMENTS APPLY WHERE THE ULTIMATE DESIGN WIND SPEED IS LESS THAN 140 MPH. FOR WOOD STRUCTURAL PANEL ROOF SHEATHING ATTACHED TO GABLE-END ROOF FRAMING AND TO INTERMEDIATE SUPPORTS WITHIN 48 INCHES OF ROOF EDGES AND RIDGES, NAILS SHALL BE SPACED AT 4 INCHES ON CENTER WHERE THE ULTIMATE DESIGN WIND SPEED IS GREATER THAN 130 MPH IN EXPOSURE B OR GREATER THAN 110 MPH IN EXPOSURE C. SPACING EXCEEDING 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS SHALL BE PERMITTED WHERE THE FASTENING IS DESIGNED PER THE AWC NDS.
f. FASTENING IS ONLY PERMITTED WHERE THE ULTIMATE DESIGN WIND SPEED IS LESS THAN OR EQUAL TO 110 MPH.
g. NAILS ARE CARBON STEEL MEETING THE SPECIFICATION OF ASTM F1667. CONNECTIONS USING NAILS OF OTHER MATERIALS, SUCH AS STAINLESS STEEL, SHALL BE DESIGNED BY ACCEPTABLE ENGINEERING PRACTICE OR APPROVED UNDER SECTION 104.11.

NAILING SCHEDULE (2022 CALIFORNIA BUILDING CODE TABLE 2304.10.2)

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER[g]	SPACING AND LOCATION
ROOF		
1. BLOCKING BETWEEN CEILING JOISTS, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	(4)-8d BOX (2 1/2" x 0.113") OR (3)-8d COMMON (2 1/2" x 0.131") OR (3)-10d BOX (3" x 0.128") OR (3)-3" x 0.131" NAILS	EACH END, TOENAIL
BLOCKING BETWEEN RAFTERS OR TRUSS NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	(2)-8d COMMON (2 1/2" x 0.131") (2)-3" x 0.131" NAILS	EACH END, TOENAIL
	(2)-16d COMMON (3 1/2" x 0.162") (3)-3" x 0.131" NAILS	END NAIL
FLAT BLOCKING TO TRUSS AND WEB FILLER	16d COMMON (3 1/2" x 0.162") @ 6" OC 3" x 0.131" NAILS @ 6" OC	FACE NAIL
2. CEILING JOISTS TO TOP PLATE	(4)-8d BOX (2 1/2" x 0.113") OR (3)-8d COMMON (2 1/2" x 0.131") OR (3)-10d BOX (3" x 0.128") OR (3)-3" x 0.131" NAILS	EACH JOIST, TOENAIL
3. CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS (NO THRUST) (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	(3)-16d COMMON (3 1/2" x 0.162") OR (4)-10d BOX (3" x 0.128") OR (4)-3" x 0.131" NAILS	FACE NAIL
4. CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT) (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	PER TABLE 2308.7.3.1	FACE NAIL
5. COLLAR TIE TO RAFTER	(3)-10d COMMON (3" x 0.148") OR (4)-10d BOX (3" x 0.128") OR (4)-3" x 0.131" NAILS	FACE NAIL
6. RAFTER OR ROOF TRUSS TO TOP PLATE (SEE SECTION 2308.7.5, TABLE 2308.7.5)	(3)-10d COMMON (3" x 0.148") OR (3)-16d BOX (3 1/2" x 0.135") OR (4)-10d BOX (3" x 0.128") OR (4)-3" x 0.131" NAILS	2 TOENAILS ON ONE SIDE AND 1 TOENAIL ON OPPOSITE SIDE OF RAFTER OR TRUSS[c]
7. ROOF RAFTERS TO RIDGE VALLEY OR HIP RAFTERS; OR ROOF RAFTER TO 2 INCH RIDGE BEAM	(2)-16d COMMON (3 1/2" x 0.162") OR (3)-16d BOX (3 1/2" x 0.135") OR (3)-10d BOX (3" x 0.128") OR (3)-3" x 0.131" NAILS	END NAIL
	(3)-10d COMMON (3 1/2" x 0.148") OR (4)-16d BOX (3 1/2" x 0.135") OR (4)-10d BOX (3" x 0.128") OR (4)-3" x 0.131" NAILS	TOENAIL
WALL		
8. STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")	24" OC FACE NAIL
	10d BOX (3" x 0.128") OR 3" x 0.131" NAILS	16" OC FACE NAIL
9. STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")	16" OC FACE NAIL
	16d BOX (3 1/2" x 0.135") OR 3" x 0.131" NAILS	12" OC FACE NAIL
10. BUILT-UP HEADER (2" TO 2" HEADER)	16d COMMON (3 1/2" x 0.162")	16" OC EACH EDGE, FACE NAIL
	16d BOX (3 1/2" x 0.135")	12" OC EACH EDGE, FACE NAIL
11. CONTINUOUS HEADER TO STUD	(4)-8d COMMON (2 1/2" x 0.131") OR (4)-10d BOX (3" x 0.128") OR (5)-8d BOX (2 1/2" x 0.113")	TOENAIL
12. TOP PLATE TO TOP PLATE	16d COMMON (3 1/2" x 0.162")	16" OC FACE NAIL
	10d BOX (3" x 0.128") OR 3" x 0.131" NAILS	12" OC FACE NAIL
13. TOP PLATE TO TOP PLATE, AT END JOINTS	(8)-16d COMMON (3 1/2" x 0.162") OR (12)-16d BOX (3 1/2" x 0.135") OR (12)-10d BOX (3" x 0.128") OR (12)-3" x 0.131" NAILS	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
14. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")	16" OC FACE NAIL
	16d BOX (3 1/2" x 0.135") OR 3" x 0.131" NAILS	12" OC FACE NAIL
15. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING AT BRACED WALL PANELS	(3)-16d BOX (3 1/2" x 0.135") OR (2)-16d COMMON (3 1/2" x 0.162") OR (3)-16d BOX (3 1/2" x 0.135") OR (4)-3" x 0.131" NAILS	16" OC FACE NAIL
16. STUD TO TOP OR BOTTOM PLATE	(4)-8d BOX (2 1/2" x 0.113") OR (4)-8d COMMON (2 1/2" x 0.131") OR (3)-16d BOX (3 1/2" x 0.135") OR (4)-10d BOX (3" x 0.128") OR (4)-3" x 0.131" NAILS OR (4)-8d BOX (2 1/2" x 0.113")	TOENAIL
	(2)-16d COMMON (3 1/2" x 0.162") OR (3)-16d BOX (3 1/2" x 0.135") OR (3)-10d BOX (3" x 0.128") OR (3)-3" x 0.131" NAILS	END NAIL
17. TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	(2)-16d COMMON (3 1/2" x 0.162") OR (3)-10d BOX (3" x 0.128") OR (3)-3" x 0.131" NAILS	FACE NAIL
18. 1" BRACE TO EACH STUD AND PLATE	(3)-8d BOX (2 1/2" x 0.113") OR (2)-8d COMMON (2 1/2" x 0.131") OR (2)-10d BOX (3" x 0.128") OR (2)-3" x 0.131" NAILS	FACE NAIL
19. 1" x 6" SHEATHING TO EACH BEARING	(3)-8d BOX (2 1/2" x 0.113") OR (2)-8d COMMON (2 1/2" x 0.131") OR (2)-10d BOX (3" x 0.128")	FACE NAIL
20. 1" x 8" AND WIDER SHEATHING TO EACH BEARING	(3)-8d COMMON (2 1/2" x 0.131") OR (3)-10d BOX (3" x 0.128")	FACE NAIL
	WIDER THAN 1"x8" (3)-10d BOX (3" x 0.128") OR (3)-3" x 0.131" NAILS	FACE NAIL

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:08 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: 1" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.05**
SHEET 106 OF 294

SANTEE COMMUNITY CENTER - GENERAL NOTES

100% CONSTRUCTION DOCUMENTS - 01/12/2024

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TABLE 2 (CBC TABLE 1705.3)
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

	INSPECTION TASKS	CONTINUOUS	PERIODIC
1.	INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	-	X
2.	REINFORCING BAR WELDING:		
	a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706;	-	X
	b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND	-	X
	c. INSPECT ALL OTHER WELDS.	X	-
3.	INSPECT ANCHORS CAST IN CONCRETE.	-	X
4.	INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.[a]		
	a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-
	b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	-	X
5.	VERIFY USE OF REQUIRED DESIGN MIX.	-	X
6.	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TEST, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-
7.	INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	-
8.	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	-	X
9.	INSPECT PRESTRESSED CONCRETE FOR:		
	a. APPLICATION OF PRESTRESSING FORCES; AND	X	-
	b. GROUTING OF BONDED PRESTRESSING TENDONS	X	-
10.	INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X
11.	VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X
12.	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X
13.	SHOTCRETE TEST ASSEMBLY, SHOOTING, TESTING, AND DISASSEMBLY OF TEST PANEL	-	X

[a] SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL INCLUDED IN THE RESEARCH REPORT FOT THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

TABLE 4 (CBC TABLE 1705.6) REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS

	INSPECTION TASK	CONTINUOUS	PERIODIC
1.	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	_	X
2.	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	_	X
3.	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	_	X
4.	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	_
5.	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	_	X

TABLE 3 (CBC SECTION 1705.4)
REQUIRED SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION

TABLE 3.1-LEVEL 2 QUALITY ASSURANCE (TMS 602 TABLE 4)

MINIMUM TEST

VERIFICATION OF *f'm* IN ACCORDANCE WITH SPECIFICATION ARTICLE 1.4 B PRIOR TO CONSTRUCTION, EXCEPT WHERE SPECIFICALLY EXEMPTED THIS CODE

	INSPECTION TASKS	CONTINUOUS	PERIODIC
1.	AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE		
	a. PROPORTIONS OF SITE-PREPARED MORTAR		X
	b. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES		X
	c. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES		X
	d. PRESTRESSING TECHNIQUE		X
	e. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	X[a]	X[b]
	f. SAMPLE PANEL CONSTRUCTION		X
2.	PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:		
	a. GROUT SPACE		X
	b. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGE		X
	c. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS		X
	d. PROPERTIES OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS		X
3.	VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:		
	a. MATERIALS AND PROCEDURES WITH APPROVED SUBMITTALS		X
	b. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION.		X
	c. SIZE AND LOCATION OF STRUCTURAL MEMBERS		X
	d. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION		X
	e. WELDING OF REINFORCEMENT	X	
	f. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40 ° F (4.4°C)) OR HOT WEATHER (TEMPERATURE ABOVE 90° F (32.2°C))		X
	g. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	X	
	h. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE		X
	i. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS.	X[a]	X[b]
4.	OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS		X

[a] REQUIRED FOR THE FIRST 5,000 SFT OF AAC MASONRY
[b] REQUIRED AFTER THE FIRST 5,000 SFT OF AAC MASONRY

TABLE 1 (CBC SECTION 1705.2)
REQUIRED SPECIAL INSPECTION OF STRUCTURAL STEEL CONSTRUCTION

TABLE 1.1 INSPECTION OF WELDING

TABLE1.1.1 (AISC 360 TABLE N5. 4-1)	INSPECTION TASKS PRIOR TO WELDING	TASK	DOC
1.	WELDING PROCEDURES SPECIFICATIONS (WPSs) AVAILABLE	O	-
2.	WELDING PROCEDURES SPECIFICATIONS (WPSs) AVAILABLE	P	-
3.	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	-
4.	MATERIAL IDENTIFICATION (TYPE, GRADE)	O	-
5.	WELDER IDENTIFICATION SYSTEM	O	-
6.	FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) A. JOINT PREPARATION B. DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) C. CLEANLINESS (CONDITION OF STEEL SURFACES) D. TACKING (TACK WELD QUALITY AND LOCATION) E. BACKING TYPE AND FIT (IF APPLICABLE)	O	-
7.	FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	-	P
8.	CONFIGURATION AND FINISH OF ACCESS HOLES	O	-
9.	FIT-UP OF FILLET WELDS A. DIMENSIONS (ALIGNMENT, GAPS AT ROOT) B. CLEANLINESS (CONDITION OF STEEL SURFACE) C. TACKING (TACK WELD QUALITY AND LOCATION)	O	-

THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE.

TABLE1.1.2 (AISC 360 TABLE N5. 4-2)	INSPECTION TASK DURING WELDING	TASK	DOC
1.	USE OF QUALIFIED WELDERS	O	-
2.	CONTROL AND HANDLING OF WELDING CONSUMABLES A. PACKAGING B. EXPOSURE CONTROL	O	-
3.	NO WELDING OVER CRACKED TACK WELDS	O	-
4.	ENVIRONMENTAL CONDITIONS A. WIND SPEED WITHIN LIMITS B. PRECIPITATION AND TEMPERATURE	O	-
5.	WPS FOLLOWED A. SETTINGS ON WELDING EQUIPMENT B. TRAVEL SPEED C. SELECTED WELDING MATERIALS D. SHIELDING GAS TYPE/FLOW RATE E. PREHEAT APPLIED F. INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.) G. PROPER POSITION (F , V, H, OH)	O	-
6.	WELDING TECHNIQUES A. INTERPASS AND FINAL CLEANING B. EACH PASS WITHIN PROFILE LIMITATIONS C. EACH PASS MEETS QUALITY REQUIREMENTS	O	-
7.	PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	-	P

TABLE1.1.3 (AISC 360 TABLE N5. 4-3)	INSPECTION TASKS AFTER WELDING	TASK	DOC
1.	WELDS CLEANED	O	-
2.	SIZE, LENGTH AND LOCATION OF WELDS	P	-
3.	WELDS MEET VISUAL ACCEPTANCE CRITERIA A. CRACK PROHIBITION B. WELD/BASE-METAL FUSION C. CRATER CROSS SECTION D. WELD PROFILES E. WELD SIZE F. UNDERCUT G. POROSITY	P	-
4.	ARC STRIKES	P	-
5.	*k*-AREA[a]	P	-
6.	WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES [b]	P	-
7.	BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	P	-
8.	REPAIR ACTIVITIES	P	-
9.	DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	-
10.	NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR	O	O

[a]WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE *k*-AREA, VISUALLY INSPECT THE WEB *k*-AREA FOR CRACKS WITHIN 3 IN. OF WELD
[b]AFTER ROLLED HEAVY SHAPES (SEE SECTION A3.1c) AND BUILT-UP HEAVY SHAPES (SEE A3.1d) ARE WELDED VISUALLY INSPECTION THE WELD ACCESS HOLE FOR CRACKS.

TABLE 1.2 INSPECTION OF BOLTING

TABLE 1.2.1 (AISC 360 TABLE N5.6-1)	INSPECTION TASKS PRIOR TO BOLTING	TASK	DOC
1.	MANUFACTURE'S CERTIFICATION AVAILABLE FOR FASTENER MATERIALS	P	-
2.	FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	O	-
3.	PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	O	-
4.	PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	-
5.	CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION , IF SPECIFIED, MEET APPLICABLE REQ'MTS	O	-
6.	PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	O	-
7.	PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS AND OTHER FASTENER COMPONENTS	O	-

TABLE 1.2.2 (AISC 360 TABLE N5.6-2)	INSPECTION TASKS DURING BOLTING	TASK	DOC
1.	FASTENER ASSEMBLIES, PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	O	_
2.	JOINT BROUGHT TO THE SNUG-TIGHT CONDITION, PRIOR TO THE PRETENSIONING OPERATION	O	_
3.	FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	_
4.	FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	_

TABLE 1.2.3 (AISC 360 TABLE N5.6-3)	INSPECTION TASKS AFTER BOLTING	TASK	DOC
1.	DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	P	-

STATEMENT OF SPECIAL INSPECTIONS (CONTINUED)

B. CONCRETE CONSTRUCTION: SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE TO CBC SECTION 1705.3 AND TABLE 2.

a. SPECIAL INSPECTIONS OF WELDING AND QUALIFICATIONS OF SPECIAL INSPECTORS FOR REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.4 FOR SPECIAL INSPECTION AND OF AWS D1.4 FOR SPECIAL INSPECTOR QUALIFICAION.

b. MATERIAL TESTS: IN THE ABSENCE OF SUFFICIENT DATA OR DOCUMENTATION PROVIDING EVIDENCE OF CONFORMANCE TO QUALITY STANDARDS FOR MATERIALS IN CHAPTERS 19 AND 20 OF ACI 318, THE GOVERNING AGENCY SHALL REQUIRE TESTING OF MATERIALS IN ACCORDANCE WITH THE APPROPRIATE STANDARDS AND CRITERIA FOR THE MATERIAL IN CHAPTERS 19 AND 20 OFACI 318.

C. STRUCTURAL MASONRY CONSTRUCTION: SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE TO TMS 402/602 AND THE FOLLOWING:

1. FOR MASONRY IN RISK CATEGORY I, II, OR III STRUCTURES SEE TABLE 3.1 - LEVEL 2 QUALITY ASSURANCE
2. FOR MASONRY IN RISK CATEGORY IV STRUCTURES SEE TABLE 3.2 - LEVEL 3 QUALITY ASSURANCE

D. WOOD CONSTRUCTION: SPECIAL INSPECTION OF WOOD CONSTRUCTION SHALL BE IN ACCORDANCE TO THE FOLLOWING:

1. FABRICATION PROCESS OF PREFABRICATED WOOD STRUCTURAL ELEMENTS AND ASSEMBLIES SHALL BE IN ACCORDANCE WITH NOTE 3 HEREIN ABOVE.

2. HIGH LOAD DIAPHRAGM (MULTIPLE ROWS OF FASTENERS):

a. INSPECT WOOD STRUCTURAL PANEL SHEATHING TO ASCERTAIN WHETHER GRADE AND THICKNESS ARE AS SHOWN ON APPROVED DOCUMENTS.
b. VERIFY THAT THE NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, THE NAIL OR STAPLE DIAMETER AND LENGTH, THE NUMBER OF FASTENER LINES, AND THE SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS AGREES WITH THE APPROVED DOCUMENTS.

E. SOILS: SPECIAL INSPECTIONS AND TESTS OF EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS SHALL BE PERFORMED IN ACCORDANCE WITH TABLE 4. THE APPROVED GEOTECHNICAL REPORT AND THE CONSTRUCTION DOCUMENTS SHALL BE USED TO DETERMINE COMPLIANCE.

1. DURING FILL PLACEMENT THE APPROVED AGENCY SHALL VERIFY THAT PROPER MATERIALS AND PROCEDURES ARE USED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT.

8. APPROVED AGENCY SHALL PERFORM SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE IN ACCORDANCE WITH CBC SECTION 1705.12 FOR THE FOLLOWING WORK.

A. INSPECTION FOR STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF AISC 341 (CHAPTER J) AND TABLE 7.1.

1. NONDESTRUCTIVE TESTING (NDT) OF WELDED JOINTS SHALL BE IN ACCORDANCE WITH AISC 341 (CHAPTER J.6), AWS D1.8/D1.8M AS FOLLOWS:

a. k-AREA NDT: WHERE WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, THE WEB SHALL BE TESTED FOR CRACKS USING MT. THE MT INSPECTION AREA SHALL INCLUDE THE k-AREA BASE METAL WITHIN 3 INCHES OF THE WELD. THE MT SHALL BE PERFORMED NO SOONER THAN 48 HOURS FOLLOWING COMPLETION OF THE WELDING.
b. CJP GROOVE WELD NDT: UT SHALL BE PERFORMED ON 100 PERCENT OF CJP GROOVE WELDS IN MATERIALS 5/16 INCH OR GREATER. UT IN MATERIAL LESS THAN 5/16 INCH THICK IS NOT REQUIRED. MT SHALL BE PERFORMED ON 25 PERCENT OF ALL BEAM-TO-COLUMN CJP GROOVE WELDS.
c. BASE METAL NDT FOR LAMELLAR TEARING AND LAMINATIONS: AFTER JOINT COMPLETION, BASE METAL THICKER THAN 1-1/2 INCHES LOADED IN TENSION IN THE THROUGH THICKNESS DIRECTION IN TEE AND CORNER JOINTS, WHERE THE CONNECTED MATERIAL IS GREATER THAN 3/4 INCH AND CONTAINS CJP GROOVE WELDS, SHALL BE UT FOR DISCONTINUITIES BEHIND AND ADJACENT TO THE FUSION LINE OF SUCH WELDS. ANY BASE METAL DISCONTINUITIES FOUND WITHIN T/4 OF THE STEEL SURFACE SHALL BE ACCEPTED OR REJECTED ON THE BASIS OF CRITERIA OF AWS D1.1 TABLE 6.2, WHERE T IS THE THICKNESS OF THE PART SUBJECTED TO THE THROUGH-THICKNESS STRAIN.
d. BEAM COPE AND ACCESS HOLE NDT: AT WELDED SPLICES AND CONNECTIONS, THERMALLY CUT SURFACES OF BEAM COPES AND ACCESS HOLES SHALL BE TESTED USING MT OR DT, WHEN THE FLANGE THICKNESS EXCEEDS 1-1/2 INCHES FOR ROLLED SHAPES, OR WHEN THE WEB THICKNESS EXCEEDS 1-1/2 INCHES FOR BUILT-UP SHAPES.
e. REDUCED BEAM SECTION (RBS) REPAIR NDT: MT SHALL BE PERFORMED ON ANY WELD AND ADJACENT AREA OF THE RBS PLASTIC HINGE REGION THAT HAS BEEN REPAIRED BY WELDING, OR ON THE BASE METAL OF THE RBS PLASTIC HINGE REGION IF A SHARP NOTCH HAS BEEN REMOVED BY GRINDING.
f. WELD TAB REMOVAL SITES: MT SHALL BE PERFORMED ON THE END OF WELDS FROM WHICH THE WELD TABS HAVE BEEN REMOVED, EXCEPT FOR CONTINUITY PLATE WELD TABS.
g. REDUCTION OF PERCENTAGE OF UT: THE REDUCTION OF PERCENTAGE OF UT IS PERMITTED TO BE REDUCED IN ACCORDANCE WITH NOTE 7.A.1.1 ABOVE, EXCEPT NO REDUCTION IS PERMITTED FOR DEMAND CRITICAL WELDS.
h. REDUCTION OF PERCENTAGE OF MT: THE AMOUNT OF MT ON CJP GROOVE WELDS IS PERMITTED TO BE REDUCED IF APPROVED BY THE ENGINEER OF RECORD AND THE GOVERNING CODE AUTHORITY. THE MT RATE FOR AN INDIVIDUAL WELDER OR WELDING OPERATOR MAY BE REDUCED TO 10 PERCENT, PROVIDED THE REJECT RATE IS DEMONSTRATED TO BE 5 PERCENT OR LESS OF THE WELDS TESTED FOR THE WELDER OR WELDING OPERATOR. A SAMPLING OF AT LEAST 20 COMPLETED WELDS FOR A JOB SHALL BE MADE FOR SUCH REDUCTION EVALUATION. REJECT RATE IS THE NUMBER OF WELDS CONTAINING REJECTABLE DEFECTS DIVIDED BY THE NUMBER OF WELDS COMPLETED. THIS REDUCTION IS NOT PERMITTED ON WELDS IN THE k-AREA, AT REPAIR SITES, WELD TAB AND BACKING REMOVAL SITES AND ACCESS HOLES.

2. OTHER INSPECTIONS OF STRUCTURAL STEEL SHALL CONFROM WITH NOTE 7.A.3. HEREINABOVE AND TABLE 1.

B. STRUCTURAL WOOD: CONTINUOUS SPECIAL INSPECTION IS REQUIRED DURING FIELD GLUING OPERATIONS OF ELEMENTS OF THE SFRS. PERIODIC INSPECTION IS REQUIRED FOR NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF ELEMENTS OF THE SFRS, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG-STRUTS, BRACES, SHEAR PANELS AND HOLD-DOWNS.

1. SPECIAL INSPECTION IS NOT REQUIRED FOR WOOD SHEAR WALLS, SHEAR PANELS AND DIAPHRAGMS, INCLUDING NAILING, BOLTING, ANCHORING AND OTHER FASTENING TO OTHER COMPONENTS OF THE SFRS, WHERE FASTENER SPACING OF THE SHEATHING IS MORE THAN 4 INCHES ON CENTER.

9. DEFINITIONS

A. CONTINUOUS SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED.
B. PERIODIC SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.
C. DOCUMENT (D) - THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE REPORT NEED NOT PROVIDE DETAILED MEASUREMENTS FOR JOINT FIT-UP, WPS SETTINGS, COMPLETED WELDS, OR OTHER INDIVIDUAL ITEMS LISTED IN THE TABLE 8. FOR SHOP FABRICATION, THE REPORT SHALL INDICATE THE PIECE MARK OF THE PIECE INSPECTED. FOR FIELD WORK, THE REPORT SHALL INDICATE THE REFERENCE GRID LINES AND FLOOR OR ELEVATION INSPECTED. WORK NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND WHETHER THE NONCOMPLIANCE HAS BEEN SATISFACTORILY REPAIRED SHALL BE NOTED IN THE INSPECTION REPORT.
D. OBSERVE (O) - THE SPECIAL INSPECTOR SHALL OBSERVE THESE FUNCTIONS ON A RANDOM, DAILY BASIS. WELDING OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATIONS.
E. PERFORM (P) - THESE INSPECTIONS SHALL BE PERFORMED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM.

10. THE SPECIAL INSPECTOR MUST BE CERTIFIED BY THE CITY OF SANTEE, IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.

11. THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY THE CITY OF SANTEE, FOR TESTING OF MATERIALS, SYSTEMS, COMPONENTS, AND EQUIPMENT.

12. THE SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE, IN ADDITION TO, AND NOT A SUBSTITUTE FOR, THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY A CITY'S BUILDING INSPECTOR.

Santee
DO MORE IN THE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

STATEMENT OF SPECIAL INSPECTIONS

1. AN APPROVED AGENCY, RETAINED BY OWNER AND SATISFACTORY TO ARCHITECT (STRUCTURAL ENGINEER) AND GOVERNING CODE AUTHORITY, SHALL PERFORM SPECIAL INSPECTIONS AND TESTS REQUIRED BY THIS CONTRACT AND APPLICABLE CODE. THESE SPECIAL INSPECTIONS AND TESTS ARE IN ADDITION TO THE INSPECTIONS REQUIRED BY CBC SECTION 110. AN APPROVED AGENCY IS AN ESTABLISHED AND RECOGNIZED AGENCY REGULARLY ENGAGED IN CONDUCTING TESTS AND/OR FURNISHING INSPECTION SERVICES, WHERE SUCH AGENCY HAS BEEN APPROVED BY THE GOVERNING CODE AUTHORITY.

2. APPROVED AGENCY SHALL KEEP RECORDS OF ALL SPECIAL INSPECTIONS AND TESTS AND SHALL FURNISH REPORTS OF SPECIAL INSPECTIONS AND TESTS TO THE GOVERNING CODE AUTHORITY AND THE ARCHITECT (STRUCTURAL ENGINEER). REPORTS SHALL INDICATE WHETHER THE WORK INSPECTED OR TESTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE GOVERNING CODE AUTHORITY AND THE ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO THE COMPLETION OF THAT PHASE OF WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND TESTS, AND CORRECTION OF DISCREPANCIES, SHALL BE SUBMITTED UPON COMPLETION OF THAT PHASE OF WORK.

3. WHERE FABRICATION OF STRUCTURAL, LOAD-BEARING OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES IS BEING CONDUCTED ON THE PREMISES OF A FABRICATOR'S SHOP, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE PERFORMED DURING FABRICATION. SPECIAL INSPECTIONS DURING FABRICATION ARE NOT REQUIRED WHERE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED BY THE GOVERNING CODE AUTHORITY TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. FABRICATOR APPROVAL SHALL BE IN ACCORDANCE TO CBC SECTION 1704.2.5.1.

4. EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND- OR SEISMIC FORCE-RESISTINGN SYSTEM, DESIGNATED SEISMIC SYSTEM, OR A WIND- OR SEISMIC FORCE-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTION SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE GOVERNING CODE AUTHORITY AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS OF INSPECTION.

5. CONTRACTOR SHALL SUBMIT MATERIAL CERTIFICATION OR LABORATORY TEST REPORTS CERTIFYING MATERIALS ARE OF IDENTIFIABLE TESTED STOCK, COMPLYING WITH PROJECT SPECIFICATIONS, TO OWNER, APPROVED AGENCY, ARCHITECT (STRUCTURAL ENGINEER) AND, UPON REQUEST, TO GOVERNING CODE AUTHORITY. IF LABORATORY TEST REPORTS CANNOT BE MADE AVAILABLE, APPROVED AGENCY WILL PERFORM TESTS AS DIRECTED BY ARCHITECT (STRUCTURAL ENGINEER). CONTRACTOR SHALL PAY FOR COSTS RELATED TO TESTS AND INSPECTIONS OF UNIDENTIFIABLE MATERIALS. MATERIALS FURNISHED WITHOUT LABORATORY TEST REPORTS, MATERIALS FOUND DEFICIENT AFTER INITIAL TESTS AND INSPECTIONS, AND/OR MATERIALS REPLACING DEFICIENT MATERIALS.

6. APPROVED AGENCY SHALL SUBMIT MATERIAL TEST REPORTS INDICATING WHETHER TESTED MATERIALS ARE IN COMPLIANCE OR NONCOMPLIANCE WITH CONTRACT DOCUMENTS TO OWNER, CONTRACTOR, ARCHITECT (STRUCTURAL ENGINEER) AND, UPON REQUEST, TO GOVERNING CODE AUTHORITY.

7. APPROVED AGENCY SHALL PERFORM SPECIAL INSPECTIONS IN ACCORDANCE WITH CBC SECTION 1705 AND WITH THIS SHEET FOR THE FOLLOWING WORK. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL TEST AND INSPECTION REQUIREMENTS.

A. STEEL CONSTRUCTION: SPECIAL INSPECTIONS AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDINGS, STRUCTURES, AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIRMENTS OF AISC 360 (CHAPTER N):

1. INSPECTION OF WELDING: OBSERVATION OF WELDING OPERATIONS AND VISUAL INSPECTION OF IN-PROGRESS AND COMPLETED WELDS SHALL BE THE PRIMARY METHOD TO CONFIRM THAT MATERIALS, PROCEDURES AND WORKMANSHIP ARE IN CONFORMANCE WITH CONSTRUCTION DOCUMENTS. ALL PROVISIONS OF AWS D.1.1/D1.1M AND TABLE 1.1 SHALL APPLY.

a. NONDESTRUCTIVE TESTING (NDT) OF WELDED JOINTS SHALL BE IN ACCORDANCE WITH AISC 360 (CHAPTER N5.5) AS FOLLOWS.
b. PROCEDURES: ULTRASONIC TESTING (UT), MAGNETIC PARTICLE TESTING (MT), PENETRANT TESTING (PT) AND RADIOGRAPHIC TESTING (RT), WHERE REQUIRED, SHALL BE PERFORMED IN ACCORDANCE WITH AWS D1.1/.D1.1M CLAUSE 6). ACCEPTANCE CRITERIA SHALL BE IN ACCORDANCE WITH AWS D1.1/D1.1M (TABLE 6.2), UNLESS OTHERWISE DESIGNATED IN THE CONTRACT DOCUMENTS.
c. CJP GROOVE WELD NDT: FOR STRUCTURES IN RISK CATEGORY III OR IV, UT SHALL BE PERFORMED ON ALL CJP GROOVE WELDS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN BUTT, T- AND CORNER JOINTS, IN MATERIALS 5/16" THICK OR GREATER. FOR STRUCTURES IN RISK CATEGORY II, UT SHALL BE PERFORMED ON 10% OF CJP GROOVE WELDS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN BUTT, T- AND CORNER JOINTS, IN MATERIALS 5/16" THICK OR GREATER.
d. ACCESS HOLE NDT: THERMALLY CUT SURFACES OF ACCESS HOLES SHALL BE TESTED USING MT OR PT, WHEN THE FLANGE THICKNESS EXCEEDS 2" FOR ROLLED SHAPES, OR WHEN THE WEB THICKNESS EXCEEDS 2" FOR BUILT-UP SHAPES. ANY CRACK SHALL BE DEEMED UNACCEPTABLE REGARLESS OF SIZE OR LOCATION.
e. WELDED JOINTS SUBJECTED TO FATIGUE: WHEN REQUIRED BY AISC 360, APPENDIX 3, TABLE A-3.1, WELDED JOINTS REQUIRING WELD SOUNDNESS TO BE ESTABLISHED BY RT OR UT INSPECTION SHALL BE TESTED AS PRESCRIBED IN SECTIONS 6.12.2 OR 6.13.2 OF AWS D1.1/D1.1M. REDUCTION IN THE RATE OF UT IS PROHIBITED

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

ABBREVIATIONS

	#	POUNDS, NUMBER
	&	AND
	<	LESS THAN
	>	GREATER THAN
	@	AT
	°	DEGREE
	±	PLUS OR MINUS
	≤	LESS THAN OR EQUAL TO
	≥	GREATER THAN OR EQUAL TO

A

A	AA	ADHESIVE ANCHOR
A	AB	ANCHOR BOLT(S)
A	ABV	ABOVE
A	ADDL	ADDITIONAL
A	ADDN	ADDITION
A	ADJ	ADJACENT, ADJUSTABLE
A	AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
A	ALT	ALTERNATE
A	ANCH	ANCHOR
A	APPROX	APPROXIMATE
A	AR	ALL AROUND
A	ARCH	ARCHITECTURAL

B

B	BAL	BALANCE
B	BC	BOTTOM CHORD
B	BE	BOUNDARY ELEMENT
B	BEL	BELOW
B	BLDG	BUILDING
B	BLKG	BLOCKING
B	BLL	BOTTOM LOWER LAYER
B	BM	BEAM
B	BN	BOUNDARY NAILING
B	BO	BOTTOM OF
B	BOBP	BOTTOM OF BASE PLATE
B	BOS	BOTTOM OF STEEL
B	BOT	BOTTOM
B	BP	BASE PLATE
B	BPL	BEARING PLATE
B	BRB	BUCKLING-RESTRAINED BRACE
B	BRBF	BUCKLING-RESTRAINED BRACED FRAME
B	BRCG	BRACING
B	BRDG	BRIDGING
B	BRG	BEARING
B	BS	BOTH SIDES
B	BSMT	BASEMENT
B	BTWN	BETWEEN
B	BU	BUILT-UP
B	BUL	BOTTOM UPPER LAYER
B	BYD	BEYOND

C

C	C	CAMBER
C	CA	COLUMN ABOVE
C	CANT	CANTILEVER
C	CB	COLUMN BELOW
C	CC	CENTER TO CENTER
C	CF	CUBIC FEET
C	CHKD	CHECKERED
C	CIP	CAST-IN-PLACE
C	CJ	CONSTRUCTION JOINT
C	CJP	COMPLETE JOINT PENETRATION
C	CL	CENETERLINE
C	CLG	CEILING
C	CLR	CLEAR
C	CLSM	CONTROL LOW STRENGTH MATERIAL
C	CMU	CONCRETE MASONRY UNIT
C	COL	COLUMN
C	CONC	CONCRETE
C	CONN	CONNECTION
C	CONST	CONSTRUCTION
C	CONT	CONTINUOUS, CONTINUITY
C	CONTR	CONTRACTOR
C	COORD	COORDINATE, COORDINATES
C	CTR	CENTER
C	CTRL JT	CONTROL JOINT
C	CVN	CHARPY V-NOTCH
C	CY	CUBIC YARD
C	CYL	CYLINDER

ABBREVIATIONS

D

D	DBA	DEFORMED BAR ANCHOR
D	DBL	DOUBLE
D	DBLR	DOUBLER
D	DEG	DEGREE
D	DEGF	DEGREE FAHRENHEIT
D	DEPR	DEPRESS, DEPRESSED, DEPRESSION
D	DET	DETAIL
D	DF-L	DOUGLAS FIR - LARCH
D	DIA	DIAMETER
D	DIAG	DIAGONAL
D	DIAPH	DIAPHRAGM
D	DIM	DIMENSION
D	DL	DEAD LOAD
D	DN	DOWN
D	DO	DITTO
D	DWG	DRAWING
D	DWL	DOWEL

E

E	(E)	EXISTING
E	EA	EACH
E	EB	EXPANSION (ANCHOR) BOLT
E	EBF	ECCENTRICALLY BRACED FRAME
E	EF	EACH FACE
E	EFF	EFFECTIVE
E	EJ	EXANSION JOINT
E	EL	ELEVATION
E	ELEC	ELECTRICAL
E	ELEV	ELEVATOR
E	EMBD	EMBEDMENT, EMBED
E	EN	EDGE NAILING
E	ENGR	ENGINEER
E	EOR	ENGINEER OF RECORD
E	EOS	EDGE OF SLAB
E	EPL	EMBEDDED PLATE
E	EQ	EQUAL
E	EQUIP	EQUIPMENT
E	ES	EACH SIDE
E	ESC	ESCALATOR
E	EW	EACH WAY
E	EWTB	EACH WAY TOP AND BOTTOM
E	EXC	EXCAVATE
E	EXP	EXPANSION
E	EXT	EXTERIOR

F

F	F	FAHRENHEIT
F	FAB	FABRICATE, FABRICATION
F	FCAW	FLUX CORED ARC WELDING
F	FDN	FOUNDATION
F	FF	FAR FACE
F	FIN	FINISH
F	FJ	FLOOR JOIST
F	FLG	FLANGE
F	FLR	FLOOR
F	FN	FIELD NAILING
F	FO	FACE OF
F	FOC	FACE OF CONCRETE
F	FOF	FACE OF FINISH
F	FOGB	FACE OF GYPSUM BOARD
F	FOS	FACE OF STUD
F	FOW	FACE OF WALL
F	FP	FIREPROOF, FIREPROOFING
F	FRMG	FRAMING
F	FS	FAR SIDE
F	FT	FOOT, FEET, FLUSH TOP
F	FTG	FOOTING
F	FUT	FUTURE

G

G	GA	GAGE, GAUGE
G	GALV	GALVANIZED
G	GEN	GENERAL
G	GFRC	GLASS FIBER REINFORCED CONCRETE
G	GLB	GLUE-LAMINATED BEAM
G	GMAW	GAS METAL ARC WELDING
G	GOL	GAGE OF ANGLE
G	GR	GRADE
G	GRTG	GRATING
G	GT	GROUND

ABBREVIATIONS

H

H	HAZ	HEATED AFFECTED ZONE
H	HCA	HEADED CONCRETE ANCHOR
H	HDB	HEADED DEFORMED BAR
H	HDG	HOT DIPPED GALVANIZED
H	HDR	HEADER
H	HGR	HANGER
H	HI, (HI)	HIGH
H	HORIZ, (H)	HORIZONTAL
H	HP	HIGH POINT
H	HR	HANDRAIL
H	HS	HIGH STRENGTH
H	HSB	HIGH STRENGTH BOLT
H	HT	HEIGHT

I

I	I.F	INSIDE FACE
I	ICC-ES	INTERNATIONAL CODE COUNCIL EVALUATION SERVICE
I	ID	INSIDE DIAMETER
I	IE	INVERT ELEVATION
I	IMF	INTERMEDIATE MOMENT FRAME
I	IN	INCH
I	INFO	INFORMATION
I	INSP	INSPECTION, INSPECTOR
I	INSU	INSULATING
I	INT	INTERIOR
I	INTER	INTERMEDIATE
I	IRMSW	INTERMEDIATE REINFORCED MASONRY SHEAR WALL

J

J	JST	JOIST
J	JT	JOINT

K

K	K	KIP (KILOPOUND)(1000 POUNDS)
K	KSF	KIP PER SQUARE FOOT
K	KSI	KIP PER SQUARE INCH

L

L	LAM	LAMINATED
L	LB	LAG BOLT, POUND
L	LG	LONG
L	LL	LIVE LOAD
L	LLBB	LONG LEG BACK TO BACK
L	LLH	LONG LEG HORIZONTAL
L	LLV	LONG LEG VERTICAL
L	LNDG	LANDING
L	LNTL	LINTEL
L	LO, (LO)	LOW
L	LONGIT	LONGITUDINAL
L	LP	LOW POINT
L	LSH	LONG SLOTTED HOLE
L	LTWT	LIGHTWEIGHT
L	LVL	LAMINATED VENEER LUMBER
L	LWC	LIGHTWEIGHT CONCRETE

M

M	MAX	MAXIMUM
M	MB	MACHINE BOLT
M	MC	MOMENT CONNECTION
M	MECH	MECHANICAL
M	MEMB	MEMBER, MEMBRANE
M	MEZZ	MEZZANINE
M	MFR	MANUFACTURE(R)
M	MIN	MINIMUM
M	MISC	MISCELLANEOUS
M	MOV	MOVABLE
M	MR	MILD REINFORCED, MILD REINFORCING
M	MT	MAGNETIC PARTICLE TESTING
M	MTL	METAL
M	MWFRS	MAIN WIND-FORCE RESISTING SYSTEM

N

N	(N)	NEW
N	NDT	NON-DESTRUCTIVE TESTING
N	NF	NEAR FACE
N	NIC	NOT IN CONTRACT
N	NIP	NOT IN PERMIT
N	NO	NUMBER, NORTH
N	NOM	NOMINAL
N	NS	NEAR SIDE
N	NTS	NOT TO SCALE
N	NWC	NORMAL WEIGHT CONCRETE

ABBREVIATIONS

O

O	O.F	OUTSIDE FACE
O	O/	OVER
O	OC	ON CENTER
O	OCBF	ORDINARY CONCENTRICALLY BRACED FRAME
O	OD	OUTSIDE DIAMETER
O	OH	OPPOSITE HAND
O	OMF	ORDINARY MOMENT FRAME
O	OPNG	OPENING
O	OPP HD	OPPOSITE HAND
O	ORCSW	ORDINARY REINFORCED CONCRETE SHEAR WALL
O	ORMSW	ORDINARY REINFORCED MASONRY SHEAR WALL
O	OSB	ORIENTED STRAND BOARD
O	OVS	OVERSIZED
O	OZ	OUNCE

P

P	P/C	PRECAST
P	PAF	POWDER ACTUATED FASTENER
P	PAR	PARALLEL
P	PC	PIECE, PILECAP
P	PCF	POUNDS PER CUBIC FOOT
P	PERP	PERPENDICULAR
P	PJ	POUR JOINT
P	PJP	PARTIAL JOINT PENETRATION
P	PL	PLATE
P	PLATF	PLATFORM
P	PLCS	PLACES
P	PLF	POUNDS PER LINEAR FOOT
P	PLMB	PLUMBING
P	PLWD	PLYWOOD
P	POT	POINT OF TANGENCY
P	PQR	PROCEDURE QUALIFICATION RECORD
P	PREFAB	PREFABRICATED
P	PRKG	PARKING
P	PROJ	PROJECTION
P	PS	PRESTRESS(ED)
P	PSF	POUNDS PER SQUARE FOOT
P	PSI	POUNDS PER SQUARE INCH
P	PSL	PARALLEL STRAND LUMBER
P	PT	POST-TENSION(ED), LIQUID PENETRANT TESTING
P	PTDF	PRESSURE TREATED DOUGLAS FIR
P	PWJ	PLYWOOD WEB JOIST

R

R	PAF	POWER ACTUATED FASTENER
R	R	RADIUS, RISER
R	RAD	RADIANS
R	RBS	REDUCED BEAM SECTION
R	REF	REFERENCE
R	REINF	REINFORCING
R	REMV	REMOVABLE, REMOVE
R	REQD	REQUIRED
R	RET	RETURN
R	RF	ROOF
R	RJ	ROOF JOIST
R	ROTN	ROTATION
R	RT	RADIOGRAPHIC TESTING
R	RTNG	RETAINING

S

S	SA	SCREW ANCHOR
S	SAD	SEE ARCHITECTURAL DRAWING(S)
S	SAW	SUBMERDGED ARC WELDING
S	SCBF	SPECIAL CONCENTRICALLY BRACED FRAME
S	SCHED	SCHEDULE
S	SCL	STRUCTURAL COMPOSITE LUMBER
S	SECT	SECTION
S	SEOR	STRUCTURAL ENGINEER OF RECORD
S	SEP	SEPARATION
S	SF	SQUARE FEET
S	SHT	SHEET
S	SHTHG	SHEATHING
S	SIM	SIMILAR
S	SL	SLOPE
S	SLBB	SHORT LEG BACK TO BACK
S	SLRS	SEISMIC LOAD RESISTING SYSTEM
S	SLV	SLEEVE
S	SMAW	SHIELDED METAL ARC WELDING
S	SMF	SPECIAL MOMENT FRAME
S	SMS	SHEET METAL SCREW

ABBREVIATIONS

S

S	SO	SOUTH
S	SOF	SOFFIT
S	SOG	SLAB-ON-GRADE
S	SOMD	SLAB ON METAL DECK
S	SPEC	SPECIFICATIONS, SPECIAL
S	SPSW	SPECIAL PLATE SHEAR WALL
S	SQ	SQUARE
S	SRCSW	SPECIAL REINFORCED CONCRETE SHEAR WALL
S	SRMSW	SPECIAL REINFORCED MASONRY SHEAR WALL
S	SS	STAINLESS STEEL
S	SSH	SHORT SLOTTED HOLE
S	STA	STATION
S	STAG	STAGGER
S	STD	STANDARD
S	STIF	STIFFENER
S	STIR	STIRRUP
S	STL	STEEL
S	STMF	SPECIAL TRUSS MOMENT FRAME
S	STRUCT	STRUCTURAL
S	SW	STUD WELDING
S	SWBC	SHEAR WALL BOUNDARY COLUMN
S	SYMM	SYMMETRY

T

T	T	TREAD, TOP
T	T&B	TOP AND BOTTOM
T	T.O	TOP OF
T	T/	TOP OF
T	TAR	TYPICAL ALL AROUND
T	TC	TOP CHORD
T	TEMP	TEMPORARY, TEMPERATURE
T	THD	THREAD
T	THK	THICK, THICKNESS
T	THRU	THROUGH
T	TLL	TOP LOWER LAYER
T	TOBS	TOP OF BUILT-UP SLAB
T	TOC	TOP OF CONCRETE
T	TOD	TOP OF STEEL DECK
T	TOF	TOP OF FOOTING
T	TOG	TOP OF GRATING
T	TOPC	TOP OF PILE CAP
T	TOS	TOP OF STEEL
T	TOW	TOP OF WALL
T	TUL	TOP UPPER LAYER
T	TYP	TYPICAL

U

U	UNO	UNLESS NOTED OTHERWISE
U	UT	ULTRASONIC TESTING

V

V	VERT, (V)	VERTICAL
V	VIF	VERIFY IN FIELD

W

W	W/	WITH
W	W/O	WITHOUT
W	WD	WOOD
W	WF	WIDE FLANGE
W	WL	WORK LINE
W	WP	WORK POINT
W	WPS	WELD PROCEDURE SPECIFICATIONS
W	WSP	WOOD STRUCTURAL PANEL
W	WT	WEIGHT
W	WWR	WELDED WIRE REINFORCEMENT

DETAIL SECTION

DETAIL CALLOUT OR PARTIAL PLAN CALLOUT

FULL HEIGHT WALL SECTION

DETAIL CALLOUT

PARTIAL HEIGHT BUILDING SECTION

DETAIL CALLOUT

FULL HEIGHT BUILDING SECTION

FRAME ELEVATION

TOC EL +10'-0"

SPOT ELEVATION

BUILDING ELEVATION

EXTENT ARROWS

DIFFERENCE IN ELEVATION

SLOPE ARROW

MATCHLINE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:08 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 12" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	TEAM	TMB

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

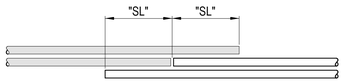
DRAWING NO. **S0.07**
SHEET 108 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

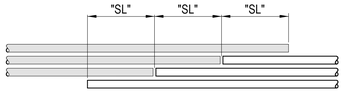
SANTEE COMMUNITY CENTER - ABBREVIATIONS

Please Recycle

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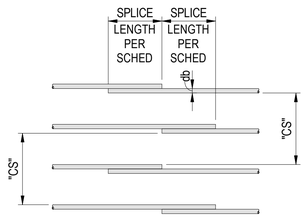
2 BAR BUNDLE SPLICE DETAIL



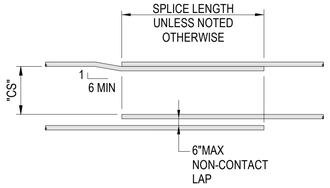
3 BAR BUNDLE SPLICE DETAIL

NOTES:
1. BARS SHALL BE BUNDLED WITH NO MORE THAN 2 BARS IN SAME PLANE
2. "SL" INDICATES SPLICE LENGTH AT BUNDLED BARS. SEE REINFORCING SPLICE NOTE 5.

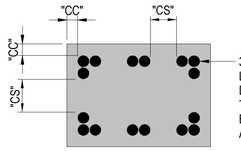
TYPICAL BUNDLED LAP SPLICES



TYPICAL STAGGERED LAP SPLICING DETAIL



TYPICAL LAP SPLICE DETAIL



TYPICAL BAR CONCRETE COVER & CLEAR SPACING DIAGRAM

REINFORCING SPLICE NOTES:

1. SCHEDULED SPLICE LENGTHS ARE IN ACCORDANCE WITH ACI 318-11 AND APPLY TO REBAR Fy=60 KSI. LENGTHS ARE FROM CHAPTER 25 (NON-SEISMIC ELEMENTS) AND CHAPTER 18 (SEISMIC ELEMENTS).
2.

CATEGORY	DESCRIPTION
1	2db ≤ CC AND 4db ≤ CS
2	[db ≤ CC < 2db & 2db ≤ CS] OR [db ≤ CC & 2db ≤ CS < 4db]
3	1/2db ≤ CC < db OR db ≤ CS < 2db
CC INDICATES CONCRETE COVER, CS INDICATES BAR CLEAR SPACING.	

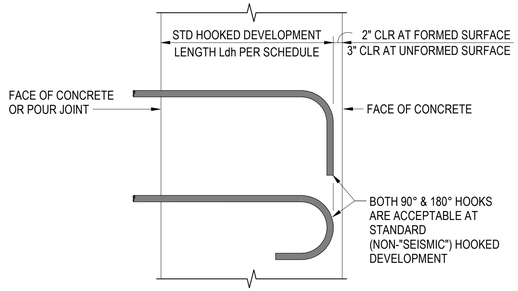
3. IF CC < 1/2db OR CS < db CONTACT SEOR FOR REQUIRED SPLICE LENGTH.
4. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE POURED BELOW BARS.
5. FOR BUNDLED BARS, AN EFFECTIVE BAR DIAMETER (dbe) SHALL BE USED FOR DETERMINING COVER AND SPACING LIMITATIONS:
   a. FOR 2 BAR BUNDLE dbe = 1.414db
   b. FOR 3 BAR BUNDLE dbe = 1.732db
   c. FOR 4 BAR BUNDLE dbe = 2.000db
6. WHERE BARS OF DIFFERENT SIZES ARE LAP SPLICED, LAP SPLICE LENGTH SHALL BE THE LARGER OF Ld (STRAIGHT BAR DEVELOPMENT) FOR LARGER BAR AND LAP SPLICE LENGTH OF SMALLER BAR.
7. SPLICES LENGTHS MAY BE REDUCED 23% IF SPECIFICALLY NOTED ON STRUCT DRAWINGS AS CLASS "A" SPLICE.
8. APPLY THE FOLLOWING MULTIPLIERS TO SCHEDULED SPLICE LENGTHS FOR EACH INSTANCE BELOW WHICH APPLIES:
   a. FOR REBAR YIELD STRENGTHS OTHER THAN 60 KSI, MULTIPLY SPLICE LENGTHS IN SCHEDULE BY RATIO OF ACTUAL YIELD STRENGTH / 60,000.
   b. MULTIPLY DEVELOPMENT LENGTH IN SCHEDULE OF LONGITUDINAL BARS IN THE "CRITICAL SEISMIC ZONE" AS INDICATED ON SHEAR WALL ELEVATIONS BY 1.25.
   c. FOR 3-BAR BUNDLES, MULTIPLY SPLICE LENGTHS IN SCHEDULE BY 1.20. FOR 4-BAR BUNDLES, MULTIPY SPLICE LENGTHS IN SCHEDULE BY 1.33. ENTIRE BUNDLE SHALL NOT BE LAP SPLICED.
   d. FOR LIGHTWEIGHT CONCRETE, MULTIPLY SPLICE LENGTHS IN SCHEDULE BY 1.33.
   e. FOR EPOXY COATED BARS WITH CC < 3db OR CS < 6db, MULTIPLY SPLICE LENGTHS IN SCHEDULE BY 1.50. FOR OTHER EPOXY COATED BARS, MULTIPLY SPLICE LENGTHS IN SCHEDULE BY 1.20.
   f. FOR CONCRETE STRENGTH IN BETWEEN STRENGTHS INDICATED IN THE SCHEDULE, USE DEVELOPMENT LENGTH FOR THE LOWER CONCRETE STRENGTH.

SPLICE LENGTH SCHEDULE IN INCHES
(APPLICABLE TO REBAR W/ 60 KSI YIELD STRENGTH)

NORMAL WEIGHT CONCRETE (f'c PSI)		3000 PSI						4000 PSI						5000 PSI					
CATEGORY		1		2		3		1		2		3		1		2		3	
BAR SIZE	BAR DIAMETER (db)	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS
#4	0.500	23	18	38	29	56	43	20	15	33	25	49	37	18	14	29	23	44	34
#5	0.625	28	22	47	36	70	54	25	19	41	31	61	47	22	17	36	28	54	42
#6	0.750	34	26	56	43	84	65	29	23	49	37	73	56	26	20	44	34	65	50
#7	0.875	49	38	81	63	122	94	43	33	71	54	106	81	38	29	63	49	95	73
#8	1.000	56	43	93	72	139	107	49	37	81	62	121	93	44	34	72	56	108	83
#9	1.128	63	49	105	81	157	121	55	42	91	70	136	105	49	38	81	63	122	94
#10	1.270	71	55	118	91	177	136	62	47	102	79	153	118	55	43	92	71	137	106
#11	1.410	79	61	131	101	196	151	68	53	114	87	170	131	61	47	102	78	152	117

2 / S0.11 TYPICAL REINFORCING SPLICE LENGTH SCHEDULE
NOT TO SCALE

Santee
SO HERE'S HOW EASY!
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



STANDARD (NON-"SEISMIC") HOOKED DEVELOPMENT

NOTES:

A. ALL HOOKED BARS SHALL EXTEND TO THE FAR FACE OF CONCRETE, AS MUCH AS PRACTICAL, WITH 2" MINIMUM END COVER AND WITH DEVELOPMENT NOT LESS THAN LENGTHS INDICATED IN SCHEDULE INCLUDING APPROPRIATE MULTIPLIERS.

B. PROVIDE 2 1/2" MINIMUM CONCRETE SIDE COVER.

HOOKED DEVELOPMENT Ldh

STRAIGHT DEVELOPMENT LENGTH SCHEDULE (Ld) IN INCHES
(APPLICABLE TO REBAR W/ 60 KSI YIELD STRENGTH)

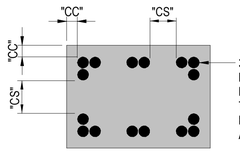
NORMAL WEIGHT CONCRETE (f'c PSI)		3000 PSI								4000 PSI								5000 PSI							
CATEGORY		1		2		3		SEISMIC (SEE NOTE 6)		1		2		3		SEISMIC (SEE NOTE 6)		1		2		3		SEISMIC (SEE NOTE 6)	
BAR SIZE	BAR DIAMETER (db)	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS	TOP	OTHERS
#4	0.500	18	14	29	22	43	33	28	22	15	12	25	19	37	29	24	19	14	12	23	17	34	26	22	17
#5	0.625	22	17	36	28	54	42	35	27	19	15	31	24	47	36	30	23	17	13	28	22	42	32	27	21
#6	0.750	26	20	43	33	65	50	42	32	23	18	37	29	56	43	36	28	20	16	34	26	50	39	32	25
#7	0.875	38	29	63	48	94	72	48	37	33	25	54	42	81	63	42	32	29	23	49	38	73	56	38	29
#8	1.000	43	33	72	55	107	83	55	43	37	29	62	48	93	72	48	37	34	26	56	43	83	64	43	33
#9	1.128	49	38	81	62	121	93	62	48	42	33	70	54	105	81	54	42	38	29	63	48	94	72	48	37
#10	1.270	55	42	91	70	136	105	70	54	47	37	79	61	118	91	61	47	43	33	71	54	106	81	54	42
#11	1.410	61	47	101	78	151	116	78	60	53	41	87	67	131	101	67	52	47	36	78	60	117	90	60	47
#14	1.693	73	56	121	93	181	140	-	-	63	49	105	81	157	121	-	-	57	44	94	72	141	108	-	-
#18	2.257	97	75	161	124	242	186	-	-	84	65	140	108	209	161	-	-	75	58	125	96	187	144	-	-

HOOKED DEVELOPMENT LENGTH SCHEDULE (Ldh) IN INCHES
(APPLICABLE TO REBAR W/ 60 KSI YIELD STRENGTH)

NORMALWEIGHT CONCRETE (f'c PSI)		3000 PSI		4000 PSI		5000 PSI		6000 PSI		7000 PSI		8000 PSI	
BAR SIZE	BAR DIAMETER (db)	STANDARD	SEISMIC (SEE NOTE 7)	STANDARD	SEISMIC (SEE NOTE 7)	STANDARD	SEISMIC (SEE NOTE 7)	STANDARD	SEISMIC (SEE NOTE 7)	STANDARD	SEISMIC (SEE NOTE 7)	STANDARD	SEISMIC (SEE NOTE 7)
#4	0.500	8	9	7	8	6	6	6	6	6	6	6	6
#5	0.625	10	11	9	10	8	9	7	8	7	7	6	7
#6	0.750	12	13	10	11	9	10	9	9	8	9	8	8
#7	0.875	14	15	12	13	11	12	10	11	9	10	9	10
#8	1.000	16	17	14	15	12	14	11	12	11	12	10	11
#9	1.128	18	20	15	17	14	15	13	14	12	13	11	12
#10	1.270	20	22	17	19	16	17	14	16	13	15	12	14
#11	1.410	22	24	19	21	17	19	16	17	15	16	14	15
#14	1.693	38	-	33	-	29	-	27	-	25	-	23	-
#18	2.257	50	-	43	-	39	-	35	-	33	-	31	-

CONC-GENL-0001

1 / S0.11 TYPICAL REINFORCING STRAIGHT AND HOOKED DEVELOPMENT LENGTH SCHEDULE
NOT TO SCALE



TYPICAL BAR CONCRETE COVER & CLEAR SPACING DIAGRAM

REINFORCING DEVELOPMENT NOTES:

1. SCHEDULED DEVELOPMENT LENGTHS ARE IN ACCORDANCE WITH ACI 318-14 AND APPLY TO REBAR Fy=60 KSI. LENGTHS ARE FROM CHAPTER 25 (NON-SEISMIC ELEMENTS) AND CHAPTER 18 (SEISMIC ELEMENTS).
2.

CATEGORY	DESCRIPTION
1	2db ≤ CC AND 4db ≤ CS
2	[db ≤ CC < 2db & 2db ≤ CS] OR [db ≤ CC & 2db ≤ CS < 4db]
3	1/2db ≤ CC < db OR db ≤ CS < 2db
SEISMIC	SEE NOTES 6 & 7
CC INDICATES CONCRETE COVER, CS INDICATES BAR CLEAR SPACING.	

3. IF CC < 1/2db OR CS < db CONTACT SEOR FOR REQUIRED DEVELOPMENT LENGTH.
4. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE POURED BELOW BARS.
5. FOR BUNDLED BARS, AN EFFECTIVE BAR DIAMETER (dbe) SHALL BE USED FOR DETERMINING COVER AND SPACING LIMITATIONS:
   a. FOR 2 BAR BUNDLE dbe = 1.414db
   b. FOR 3 BAR BUNDLE dbe = 1.732db
   c. FOR 4 BAR BUNDLE dbe = 2.000db
6. "SEISMIC" STRAIGHT DEVELOPMENT LENGTH Ld IN SCHEDULE APPLIES TO STRAIGHT BARS TERMINATING IN OR PASSING THROUGH CONFINED CORES OF SPECIAL MOMENT FRAME COLUMNS.
7. "SEISMIC" HOOKED DEVELOPMENT LENGTH Ldh IN SCHEDULE APPLIES TO BARS W/ STD 90° HOOKS LOCATED WITHIN A CONFINED CORE OF SPECIAL MOMENT FRAME COLUMNS.
8. APPLY THE FOLLOWING MULTIPLIERS TO SCHEDULED DEVELOPMENT LENGTHS FOR EACH INSTANCE BELOW WHICH APPLIES:
   a. FOR REBAR YIELD STRENGTHS OTHER THAN 60 KSI, MULTIPLY DEVELOPMENT LENGTHS Ld & Ldh IN SCHEDULE BY RATIO OF ACTUAL YIELD STRENGTH / 60,000.
   b. MULTIPLY DEVELOPMENT LENGTH IN SCHEDULE OF LONGITUDINAL BARS IN THE "CRITICAL SEISMIC ZONE" AS INDICATED ON SHEAR WALL ELEVATIONS BY 1.25.
   c. FOR 3-BAR BUNDLES, MULTIPLY DEVELOPMENT LENGTHS Ld & Ldh IN SCHEDULE BY 1.20. FOR 4-BAR BUNDLES, MULTIPY DEVELOPMENT LENGTHS Ld & Ldh IN SCHEDULE BY 1.33.
   d. FOR LIGHTWEIGHT CONCRETE, MULTIPLY STRAIGHT DEVELOPMENT LENGTH Ld IN SCHEDULE BY 1.33. FOR LIGHTWEIGHT CONCRETE, MULTIPLY HOOKED DEVELOPMENT LENGTH Ldh IN SCHEDULE BY 1.33 (1.25 FOR "SEISMIC" CONDITIONS AS DEFINED IN NOTE 7).
   e. FOR EPOXY COATED BARS WITH CC < 3db OR CS < 6db, MULTIPLY STRAIGHT DEVELOPMENT LENGTH Ld IN SCHEDULE BY 1.50. FOR STRAIGHT DEVELOPMENT FOR OTHER EPOXY COATED BARS, MULTIPLY STRAIGHT DEVELOPMENT LENGTH Ld IN SCHEDULE BY 1.20. FOR EPOXY COATED BARS, MULTIPLY HOOKED DEVELOPMENT LENGTH Ldh IN SCHEDULE BY 1.20.
   f. DEVELOP ALL DIAGONAL COUPLING BEAM REBARS BY MULTIPLYING DEVELOPMENT LENGTHS Ld AND Ldh IN SCHEDULE BY 1.25.
   g. FOR CONCRETE STRENGTH IN BETWEEN STRENGTHS INDICATED IN THE SCHEDULE, USE DEVELOPMENT LENGTH FOR THE LOWER CONCRETE STRENGTH.

INTERWEST A KIMLEY-HORN COMPANY
Approved
08/01/2025 3:22:08 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK CONC-GENL-0002

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/4" = 1'-0"	JP/DP/VR	Author	SI/SI/MP
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. S0.11
SHEET 109 OF 294

SANTEE COMMUNITY CENTER - TYPICAL REINFORCING STEEL DETAILS

100% CONSTRUCTION DOCUMENTS - 01/12/2024

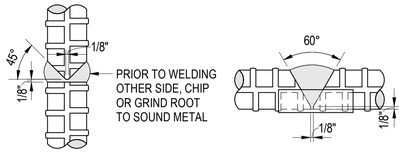
Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

Please Recycle

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # BC**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug** 2**2**, 202**5**



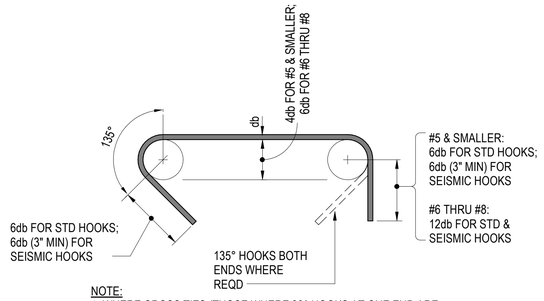
VERTICAL BAR HORIZONTAL BAR

NOTES:

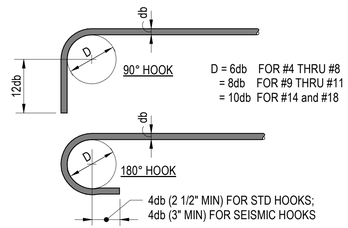
1. AS AN ALTERNATE TO LAP SPLICE, BUTT WELD MAY BE USED AS INDICATED ABOVE, PROVIDED THEY ARE STAGGERED @24" MINIMUM.
2. AN APPROVED TESTING LABORATORY SHALL PROVIDE A PREQUALIFICATION TENSION TEST FOR SAMPLES ON EVERY SIZE OF BAR BEING WELDED.
3. MATERIALS, CONDITIONS AND WELDING PROCEDURES UTILIZED SHALL COMPLY WITH THE CURRENT APPLICABLE BUILDING CODE AND THE REQUIREMENTS OF THE GOVERNING INSPECTION AGENCY.
4. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL COSTS INCURRED IN OBTAINING APPROVAL.

2 / S0.12 TYP REINFORCING BUTT WELDS DETAIL (ALTERNATE TO SPLICES)
3/4" = 1'-0"

INTERWEST
Approved
08/01/2025 3:22:08 PM



NOTE:
1. WHERE CROSS TIES (THOSE WHERE 90° HOOKS AT ONE END ARE PERMITTED) ENGAGE SAME LONGITUDINAL BAR, CONSECUTIVE CROSS TIES SHALL HAVE THEIR 90° HOOKS ALTERNATING END FOR END ALONG LONGITUDINAL BAR.



HOOKS FOR TIES, STIRRUPS AND HOOPS

HOOKS FOR BARS OTHER THAN TIES, STIRRUPS AND HOOPS

1 / S0.12 TYPICAL REINFORCING STEEL STANDARD AND SEISMIC HOOK DETAILS
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/4" = 1'-0"	JP/DP/VR	Author	SI/SI/MP
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

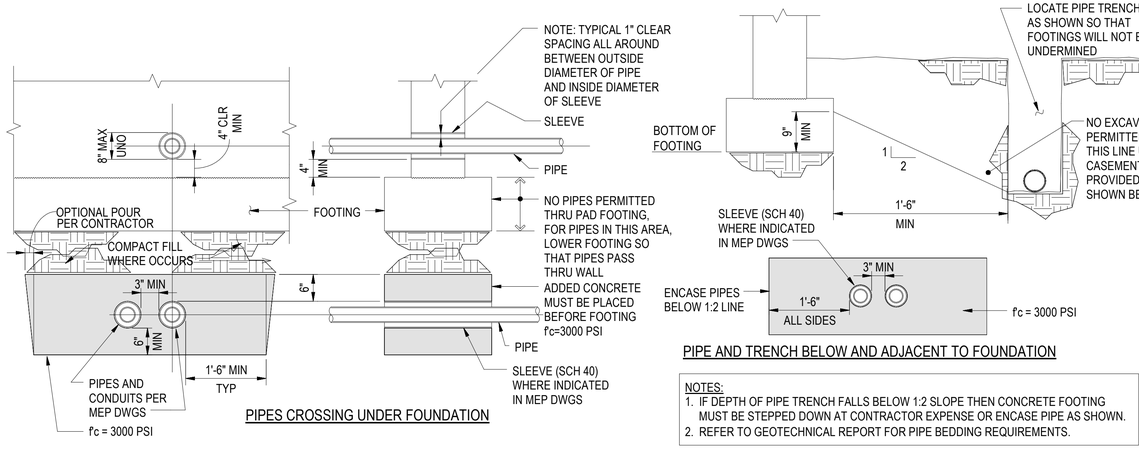
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

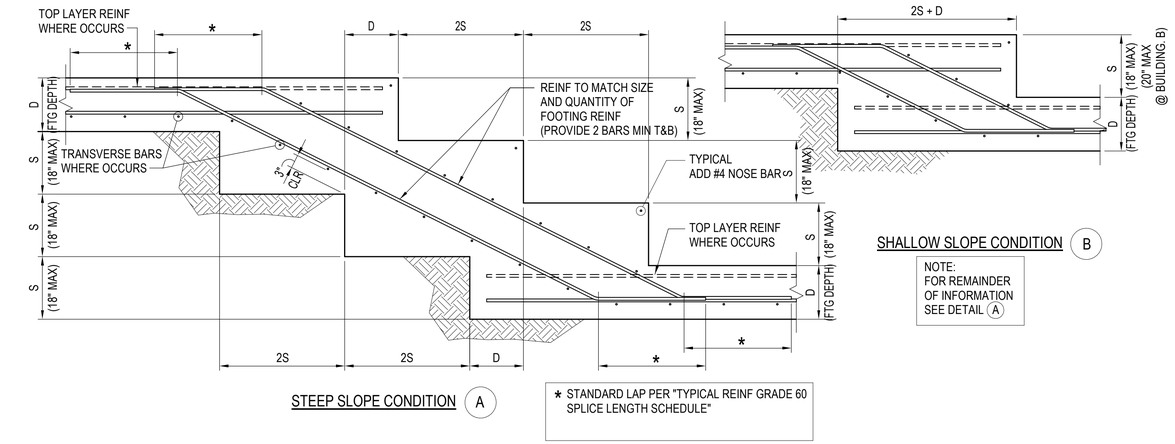
DRAWING NO.: **S0.12**
SHEET 110 OF 294

Please Recycle



NOTES:
1. IF DEPTH OF PIPE TRENCH FALLS BELOW 1:2 SLOPE THEN CONCRETE FOOTING MUST BE STEPPED DOWN AT CONTRACTOR EXPENSE OR ENCASE PIPE AS SHOWN.
2. REFER TO GEOTECHNICAL REPORT FOR PIPE BEDDING REQUIREMENTS.

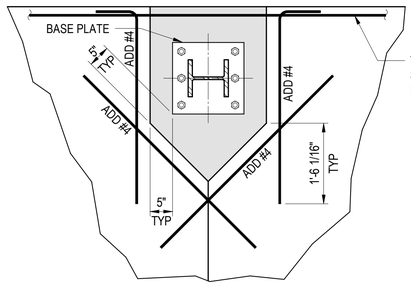
4 S0.13 TYPICAL PIPES THRU OR TRENCHES ADJACENT TO FOUNDATION
NOT TO SCALE

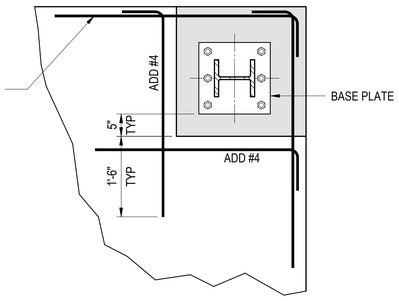


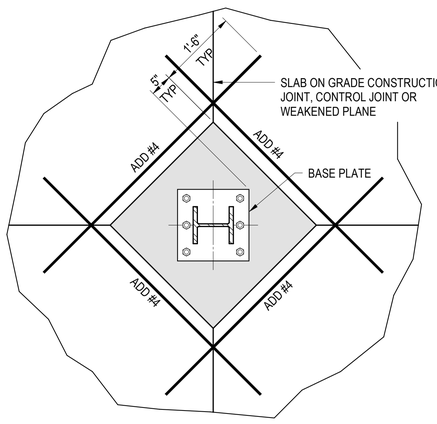
* STANDARD LAP PER "TYPICAL REINF GRADE 60 SPLICE LENGTH SCHEDULE"

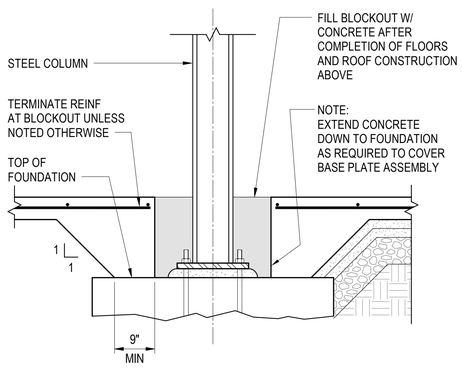
CONC-FNDN-0003

3 S0.13 TYPICAL STEPPED FOOTING DETAILS
NOT TO SCALE



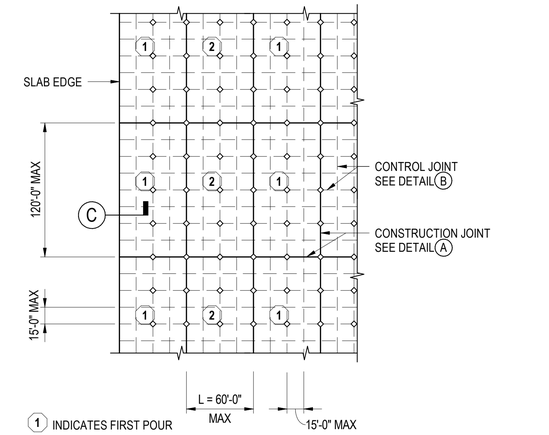






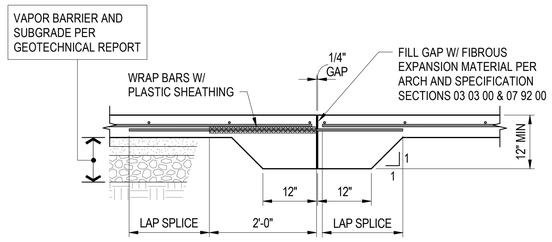
CONC-SOGD-0003

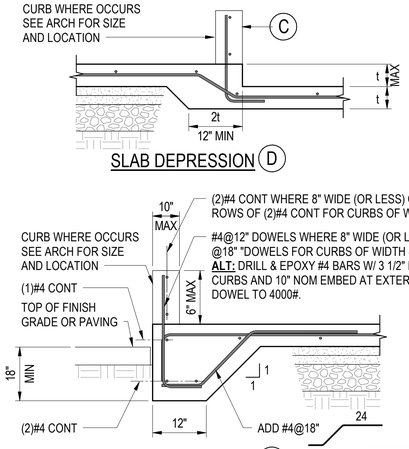
2 S0.13 TYPICAL BLOCKOUTS IN CONCRETE SLAB ON GRADE AT STEEL COLUMNS
NOT TO SCALE

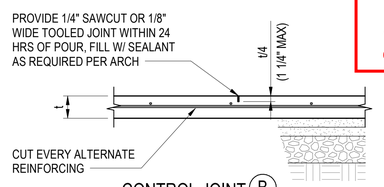


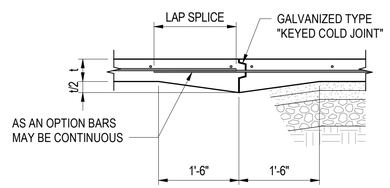
NOTES:
1. LOCATE CONSTRUCTION JOINTS ON CL OF COLUMNS AND UNDER PARTITIONS AS PRACTICAL AS POSSIBLE.
2. PROVIDE CONTROL JOINTS AT CL OF COLUMNS IF NO CONSTRUCTION JOINTS OCCUR.
3. CONTRACTOR TO SUBMIT A JOINTING PLAN TO ARCHITECT & SEOR FOR REVIEW.

SLAB POUR METHOD LAYOUT F









CONC-SOGD-0001

1 S0.13 TYPICAL CONCRETE SLAB ON GRADE DETAILS
NOT TO SCALE

Santee — SO HIGH • SUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: ASadre
Date: **Aug 22, 2025**

INTERWEST — A TetraTech Company
Approved
08/01/2025 3:22:08 PM

REGISTERED PROFESSIONAL ENGINEER — ROBERT H. RANDALL — No. S4892 — EXP. 12/31/26 — STRUCTURAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/4" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.13** SHEET 111 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

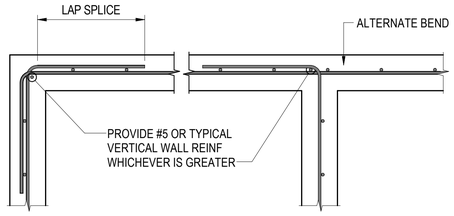
SANTEE COMMUNITY CENTER - TYPICAL CONCRETE DETAILS

Please Recycle

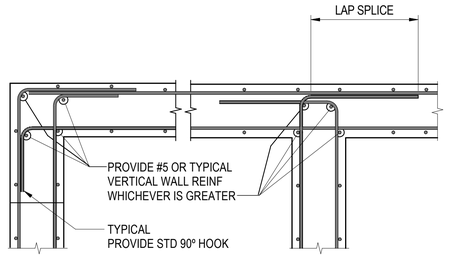
Santee
LO MEJOR A UNA HORA DE TODO

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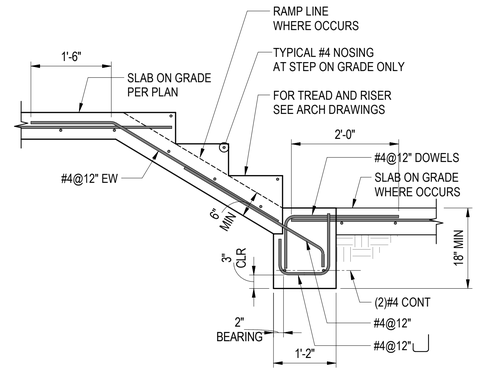
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



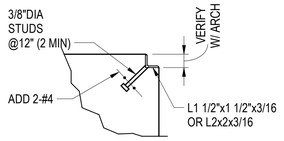
SINGLE CURTAIN



DOUBLE CURTAINS

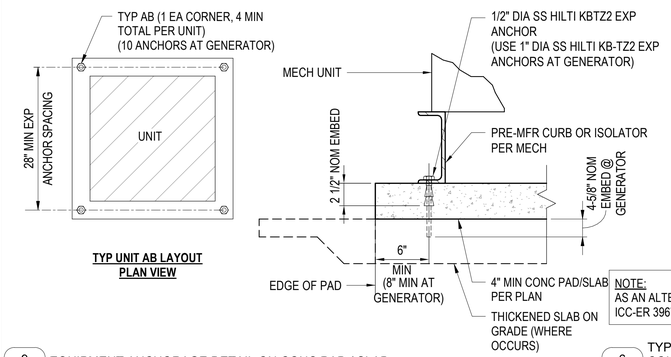


2 / S0.14 TYPICAL CONCRETE STEPS OR RAMP ON GRADE DETAIL
NOT TO SCALE

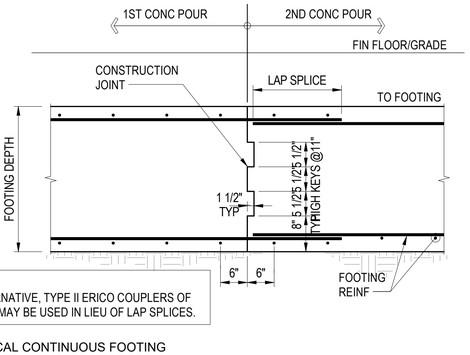


DETAIL (1)

4 / S0.14 TYPICAL CONCRETE WALL REINFORCING AT INTERSECTION DETAILS
NOT TO SCALE

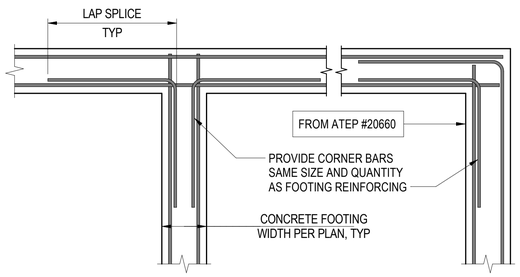


9 / S0.14 EQUIPMENT ANCHORAGE DETAIL ON CONC PAD / SLAB
NOT TO SCALE



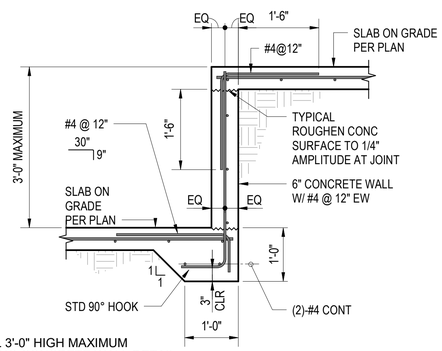
NOTE:
AS AN ALTERNATIVE, TYPE II ERICO COUPLERS OF ICC-ER 3967 MAY BE USED IN LIEU OF LAP SPLICES.

6 / S0.14 TYPICAL CONTINUOUS FOOTING CONSTRUCTION JOINT DETAIL
NOT TO SCALE

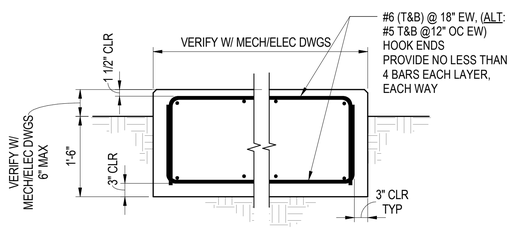


PLAN VIEW

8 / S0.14 TYPICAL WALL FOOTING REINFORCING AT CORNERS AND INTERSECTION DETAILS
NOT TO SCALE

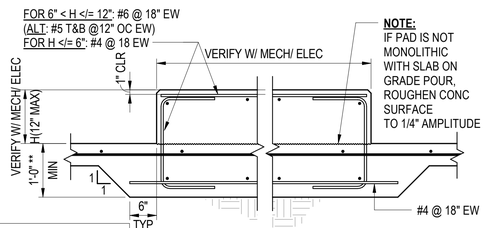


5 / S0.14 TYPICAL 3'-0" HIGH MAXIMUM RETAINING CONCRETE WALL DETAIL
NOT TO SCALE



B ISOLATED EQUIPMENT PAD

NOTE:
REFER TO **9** / **S0.14** FOR TYP EQUIPMENT ANCHORAGE

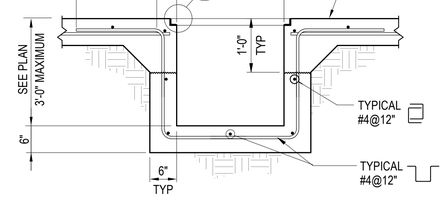


NOTE:
IF PAD IS NOT MONOLITHIC WITH SLAB ON GRADE POUR, ROUGHEN CONC SURFACE TO 1/4" AMPLITUDE

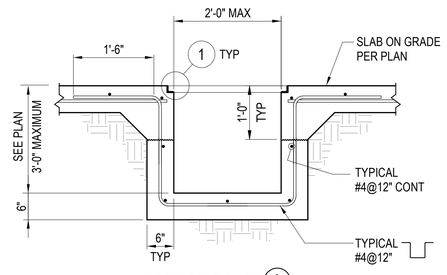
**1'-2" MIN AT GENERATOR (12200# MAX WT)

A EQUIPMENT PAD AT SLAB ON GRADE

3 / S0.14 TYPICAL EQUIPMENT PAD AT SLAB ON GRADE DETAIL
NOT TO SCALE



SUMP PIT (B)



TRENCH DRAIN (A)

NOTES:
1. VERIFY ALL DIMENSIONS WITH THE ARCHITECT.
2. SEE GEOTECHNICAL REPORT FOR SUB-SURFACE PREPARATION.

1 / S0.14 TYPICAL TRENCH DRAIN AND SUMP PIT DETAILS
NOT TO SCALE

INTERWEST
Approved
08/01/2025 3:22:08 PM

CONC-DRAN-0002

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER		CIP 2018-31	S0.14
			SHEET 112 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

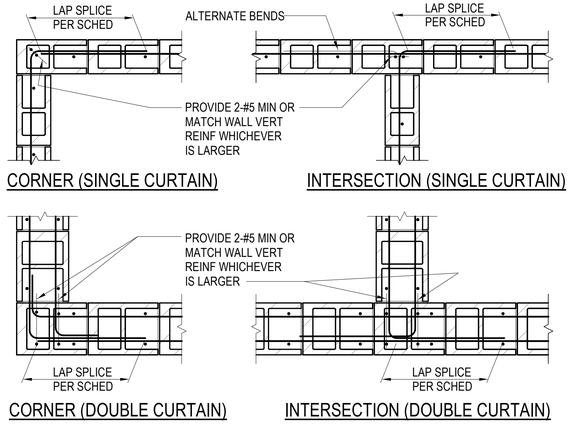
SANTEE COMMUNITY CENTER - TYPICAL CONCRETE DETAILS

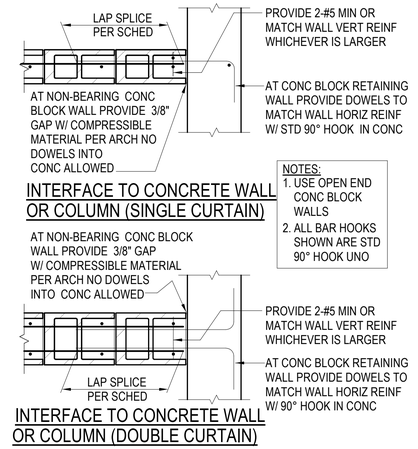
If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

Santee
DO MORE • DUE EAST

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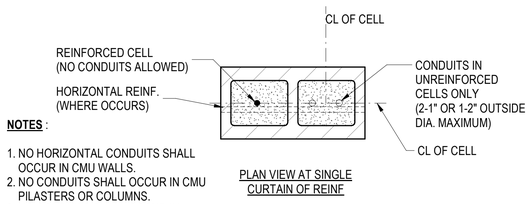
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: Asadre
Date: Aug 22, 2025





CMUW-GENL-0001 (REV-1)

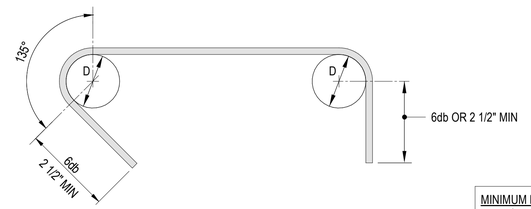
3 / S0.21 TYPICAL MASONRY WALL AT INTERSECTIONS DETAIL
NOT TO SCALE



NOTES :

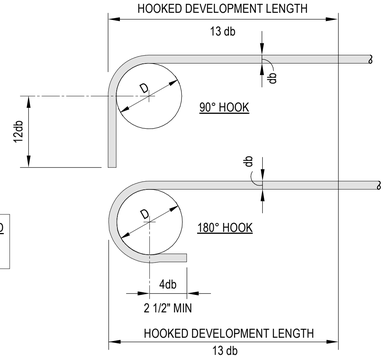
1. NO HORIZONTAL CONDUITS SHALL OCCUR IN CMU WALLS.
2. NO CONDUITS SHALL OCCUR IN CMU PILASTERS OR COLUMNS.
3. NO CONDUITS SHALL OCCUR IN CELLS W/REINFORCING STEEL.

5 / S0.21 CONDUITS IN CMU WALLS
NOT TO SCALE



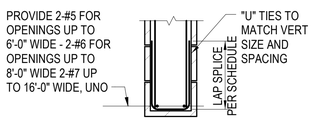
STANDARD HOOKS FOR TIES AND STIRRUPS
#5 AND SMALLER

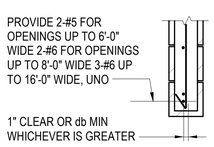
MINIMUM DIAMETERS OF BEND D
6 db - #8 OR SMALLER
8 db - #9

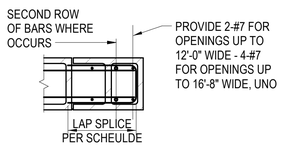


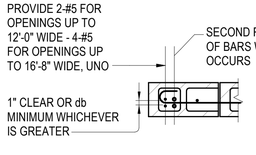
STANDARD HOOKS FOR BARS

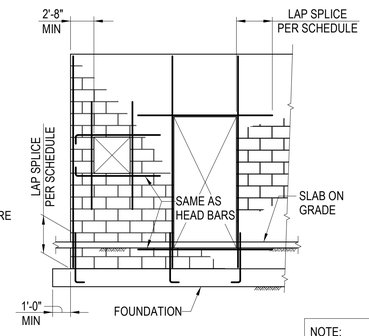
2 / S0.21 TYPICAL STANDARD HOOK BEND AND HOOKED DEVELOPMENT LENGTH DETAILS IN MASONRY DETAIL
NOT TO SCALE











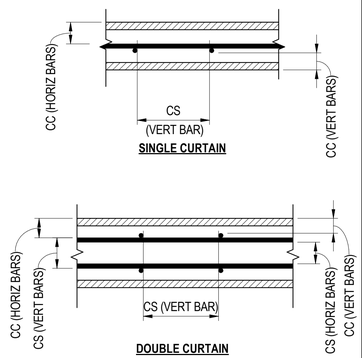
NOTE:
USE OPEN END BLOCK TYPICAL

CMUW-GENL-0004

4 / S0.21 TYPICAL MASONRY WALL AT OPENINGS AND WALL ENDS DETAIL
NOT TO SCALE

STRAIGHT DEVELOPMENT / LAP SPLICE LENGTH SCHEDULE (IN INCHES)											
MIN MASONRY COMPRESSIVE STRENGTH (f'm=2000 PSI)		MINIMUM (CC, CS) IN INCHES									
BAR SIZE	BAR DIAMETER (db)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
#4	0.500	30	24	24	24	24	24	24	24	24	24
#5	0.625	45	35	30	30	30	30	30	30	30	30
#6	0.750	54	54	52	43	37	36	36	36	36	36
#7	0.875	63	63	63	58	50	44	42	42	42	42
#8	1.000	72	72	72	72	72	66	59	53	48	48
#9	1.128	82	82	82	82	82	82	74	67	61	56

NOTES:
1. CC INDICATES CLEAR COVER.
2. CS INDICATES BAR CLEAR SPACING.
3. db INDICATES BAR DIAMETER.
4. INDICATES LENGTHS GOVERNED BY 9db.
5. ALL LENGTHS INDICATED ARE IN INCHES.
6. 72db MAX, 48db MIN.
7. IF ACTUAL CC (OR CS) FALLS BETWEEN THAT SHOWN IN SCHEDULE, DEVELOPMENT/SPLICE LENGTH TO BE BASED ON SMALL CC (OR CS).
8. DEVELOPMENT/LAP LENGTH SCHEDULE ABOVE TO ALSO APPLY TO HIGH-STRENGTH CMU (f'c = 3,000 PSI).



1 / S0.21 TYPICAL REINF STRAIGHT DEVELOPMENT LENGTH/LAP SPLICE LENGTH SCHEDULE FOR MASONRY
NOT TO SCALE

INTERWEST
A RATELLE COMPANY
Approved
08/01/2025 3:22:09 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PAUL DARRICO PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

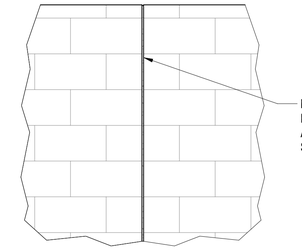
CITY W.O. NO. CIP 2018-31

DRAWING NO. S0.21
SHEET 113 OF 294

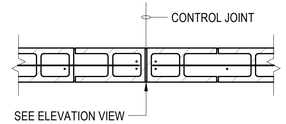
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100% CONSTRUCTION DOCUMENTS - 01/12/2024



ELEVATION

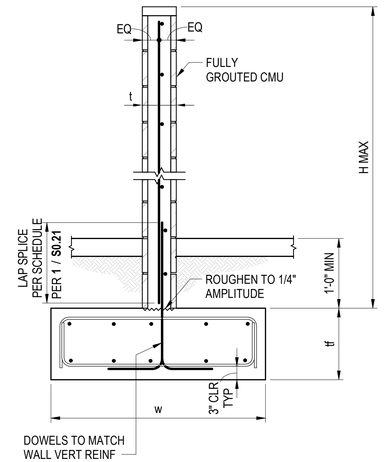


NOTES:
1. LOCATE CONTROL JOINTS PER ARCH DRAWINGS. (25'-0" MAX)
2. ALL HORIZ REINF TO BE CONT THROUGH JOINTS.

PLAN VIEW

2 / S0.22 TYPICAL VERTICAL CONTROL JOINT IN MASONRY WALL DETAIL
NOT TO SCALE

INTERWEST
A RATIFY COMPANY
Approved
08/01/2025 3:22:09 PM



Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASandre
Date: Aug 22, 2025

WALL & FOOTING REINFORCEMENT SCHEDULE						
MAX H	WALL		FOOTING			REMARKS
	t	REINFORCING	w	tf	REINFORCING	
7'-4"	8"	#5(V)@16" #4(H)@16"	4'-0"	1'-6"	(5)-#5 (T&B) LONG #5 (T&B)@16" SHORT	f'm = 2000 PSI
10'-6"	8"	#6(V)@16" #4(H)@16"	5'-0"	1'-6"	(6)-#5 (T&B) LONG #5 (T&B)@16" SHORT	f'm = 2000 PSI

NOTE:
1. WHERE MASONRY WALL FOOTING TIES INTO COLUMN FOOTING, EXTEND MASONRY WALL FOOTING REINFORCING TO THE FAR END OF THE COLUMN FOOTING AND HOOK REINFORCING ENDS.

1 / S0.22 TYPICAL FREE STANDING MASONRY WALL / TRASH ENCLOSURE WALL DETAIL
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: 3/4" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

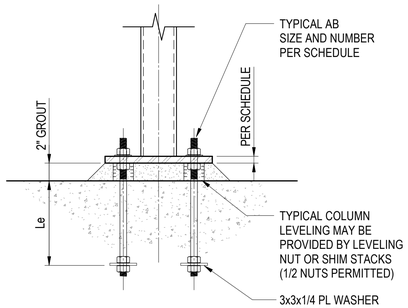
CITY W.O. NO.: CIP 2018-31

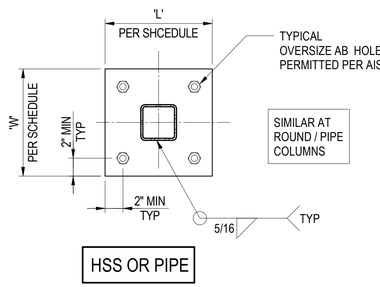
DRAWING NO.: **S0.22**
SHEET 114 OF 294

SANTEE COMMUNITY CENTER - TYPICAL MASONRY DETAILS

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

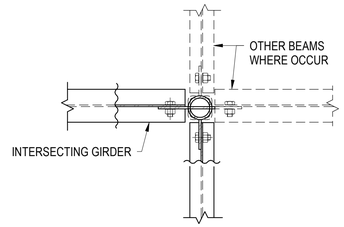
Please Recycle



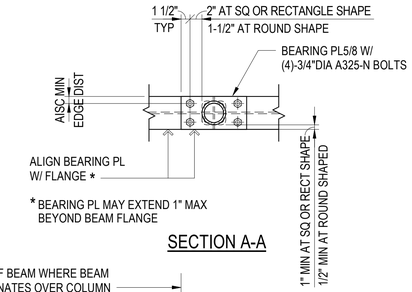


6 / S0.31 TYPICAL NON-FRAME COLUMN BASE PLATE DETAILS
NOT TO SCALE

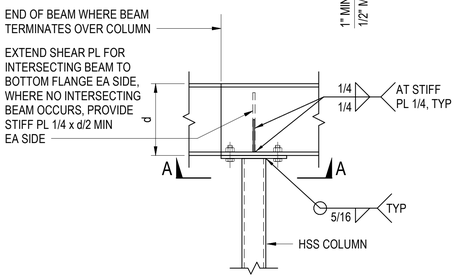
SCHEDULE					
COLUMN SIZE	BASE PLATE (A36) (L x W x t)	ANCHOR BOLTS (F1554 GR 36)			REMARKS
		No	DIA	Le	
HSS 4x4	12x12x5/8	4	3/4	8" MIN	
ROUND HSS 5x	13x13x5/8	4	3/4	8" MIN	
HSS 5x5	13x13x5/8	4	3/4	8" MIN	
HSS 6x6	14x14x5/8	4	3/4	8" MIN	
HSS 8x6	16x14x3/4	4	3/4	8" MIN	
HSS 6x5	14x13x5/8	4	3/4	8" MIN	
HSS 9x5	17x13x3/4	4	3/4	8" MIN	
HSS 5x5 SBP	13x13x1	8	3/4	12" MIN	SEE DETAIL 5 / S0.32



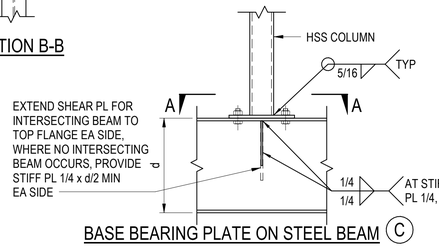
SECTION B-B



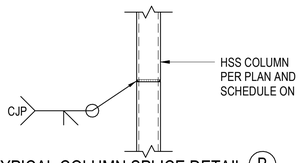
SECTION A-A



TOP BEARING PLATE CONNECTION (D)

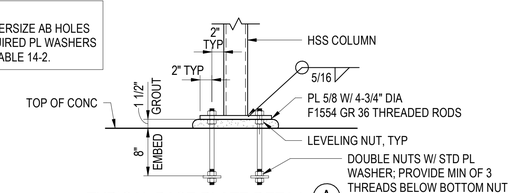


BASE BEARING PLATE ON STEEL BEAM (C)



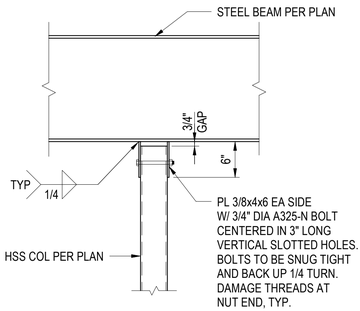
TYPICAL COLUMN SPLICE DETAIL (B)

NOTES:
PROVIDE STD HOLES. OVERSIZE AB HOLES ARE PERMITTED W/ REQUIRED PL WASHERS AS SPECIFIED AISC-360 TABLE 14-2.

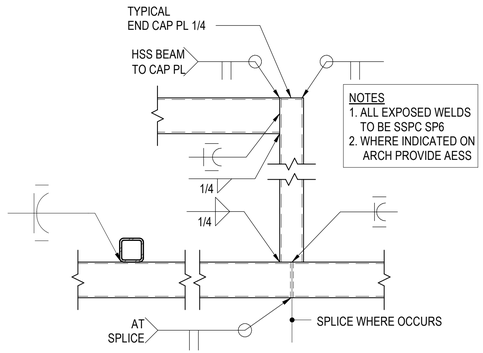


TYPICAL BASE PLATE DETAIL (A)

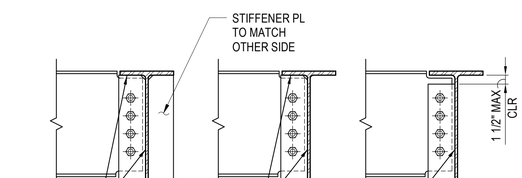
5 / S0.31 TYPICAL HSS / PIPE COLUMN CONNECTIONS
NOT TO SCALE



4 / S0.31 TYPICAL HSS COLUMN TOP SLIPPED CONNECTION
NOT TO SCALE

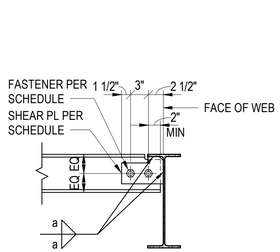


3 / S0.31 TYPICAL HSS TO HSS CONNECTION DETAIL
NOT TO SCALE

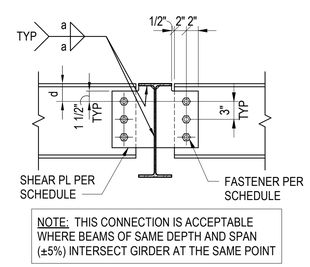


TYPICAL BEAM STIFFENER SHEAR PLATE DETAILS (D)

NOTES:
1. MINIMUM WIDTH OF STIFFENER SHALL EXTEND TO THE EDGE OF BEAM FLANGE
2. FOR REMAINDER OF INFORMATION, SEE TYPICAL BEAM CONNECTION DETAIL A



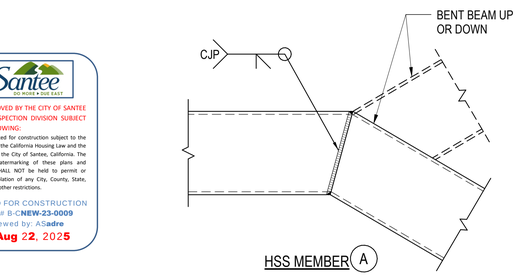
Wx & Cx CONNECTION (C)



NOTE: THIS CONNECTION IS ACCEPTABLE WHERE BEAMS OF SAME DEPTH AND SPAN (±5%) INTERSECT GIRDER AT THE SAME POINT

TYPICAL SYMMETRIC BEAM
ALTERNATE CONNECTION (B)

1 / S0.31 TYPICAL NON-FRAME BEAM CONNECTION SCHEDULE AND DETAILS
NOT TO SCALE

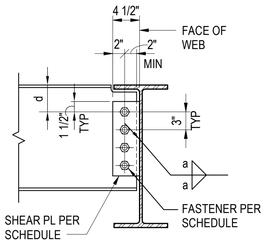


2 / S0.31 TYPICAL BEAM BROKEN BACK CONNECTIONS
NOT TO SCALE

BEAM CONNECTION SCHEDULE *

BEAM SIZE	SHEAR PLATE (A36)				LRFD CAPACITY IN KIPS
	THICKNESS (IN)	WELD "a"	FASTENER (A325-N HSB, UNO)	DISTANCE "d"	
W6x, C6x	3/8	1/4	2-3/4"Ø	-	18.4
W8x, C8x, HSS8x	3/8	1/4	2-3/4"Ø	2 1/2"	18.4
W10x, C10x,	3/8	1/4	2-3/4"Ø	3 1/2"	18.4
W12x, C12x MC12x, HSS12x	3/8	5/16	3-7/8"Ø	3"	48.4
W14x	3/8	5/16	3-7/8"Ø	4"	48.4
W16x	3/8	5/16	4-7/8"Ø	3 1/2"	74.6
W18x	3/8	5/16	4-7/8"Ø	4 1/2"	74.6
W21x	3/8	5/16	5-7/8"Ø	4 1/2"	100.7
W24x	3/8	5/16	6-7/8"Ø	4 1/2"	126.7
CB36x	3/8	5/16	9-7/8"Ø	4 1/2"	209.8

NOTE:
PROVIDE ONE SIZE LARGER DIAMETER PRETENSIONED "SC" SLIP CRITICAL TYPE BOLTS AT "SLRS" BEAM CONNECTIONS OR WHERE INDICATED THUS "SC" ON PLAN. THE CONNECTION SURFACE SHALL BE CLASS "A" FAYING SURFACE.



TYPICAL BEAM CONNECTION (A)

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A McShane Company
Approved
08/01/2025 3:22:09 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - TYPICAL STEEL DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER		CIP 2018-31	S0.31
			SHEET 115 OF 294

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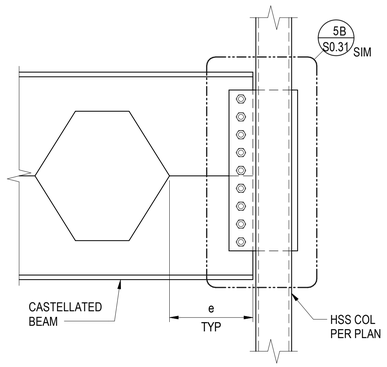
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Santee
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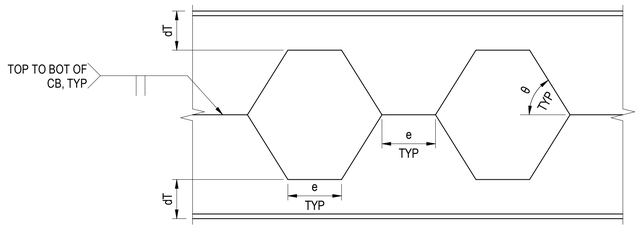
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

NOTE:
NAILER ABOVE CASTELLATED BEAM NOT SHOWN FOR CLARITY. SEE **2** / **S0.73** FOR NAILER DETAIL.



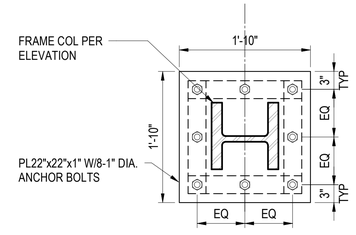
END OF CASTELLATED BEAM



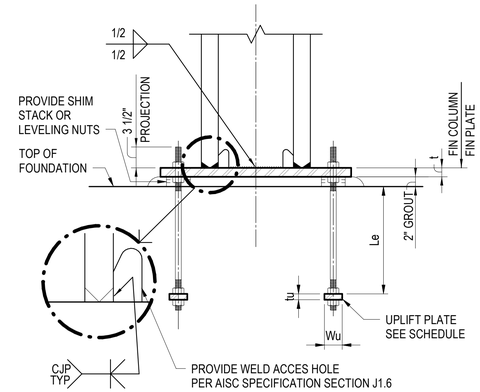
CENTER OF CASTELLATED BEAM

PROVIDE CB36X84 CASTELLATED BEAM FROM W24X84 WITH THE FOLLOWING SPECIFICATIONS:
dT = 6.625"
θ = 58°
e = 14"

4 / S0.32 CASTELLATED BEAM DETAIL
NOT TO SCALE



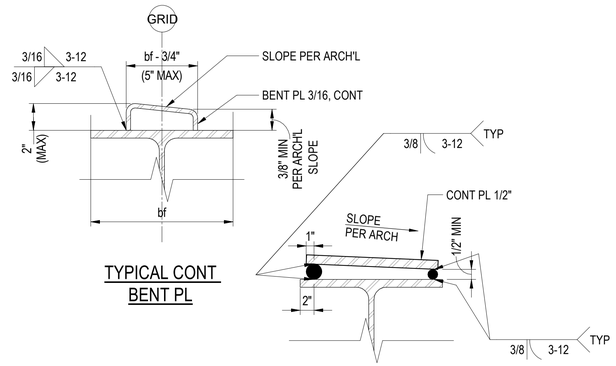
PLAN VIEW (B)



SCHEDULE						
COLUMN SIZE	BASE PLATE (A572 GR.50) (L x W x t)	ANCHOR BOLTS (F1554 GR55)			UPLIFT PLATE (A572 GR 50) (Lu x Wu x tu)	REMARKS
		No	DIA	L_e		
W10x	22"x22"x1"	8	1	1'-6"	NOT REQ'D	

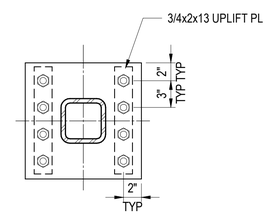
STEL-SMF-0001c

2 / S0.32 STAIR LANDING COLUMN BASE PLATE SCHEDULE AND DETAIL
NOT TO SCALE



TYPICAL CONT BENT PL

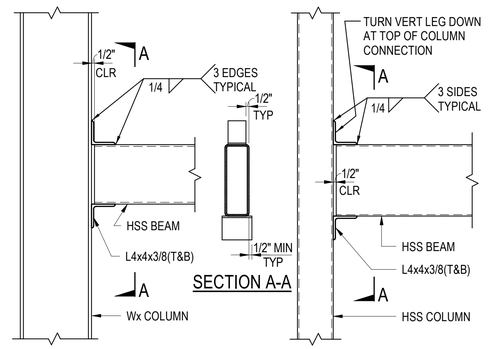
ALTERNATE TO CONT BENT PL



SBP **HSS 5x5 COLUMN**

5 / S0.32 BASE PLATE DETAIL
NOT TO SCALE

3 / S0.32 TYPICAL SLOPED DECK SUPPORT AT STEEL BEAM DETAIL
NOT TO SCALE



HSS BEAM TO W COLUMN HSS BEAM TO HSS COLUMN

STEL-HBEM-0001

1 / S0.32 TYPICAL HSS BEAM TO COLUMN CONNECTIONS
NOT TO SCALE

INTERWEST
A SATELLITE COMPANY
Approved
08/01/2025 3:22:09 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

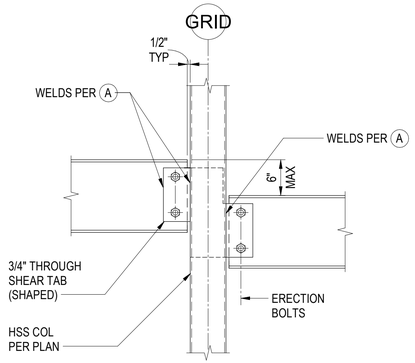
DRAWING NO. **S0.32**
SHEET 116 OF 294

SANTEE COMMUNITY CENTER - TYPICAL STEEL DETAILS

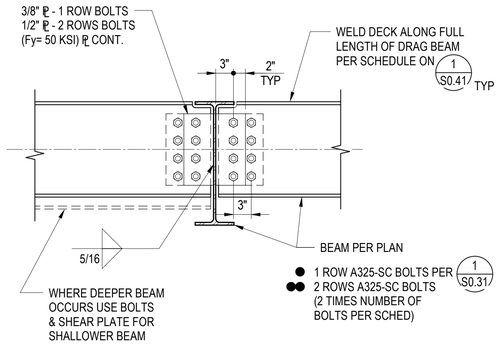
Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

100% CONSTRUCTION DOCUMENTS - 01/12/2024



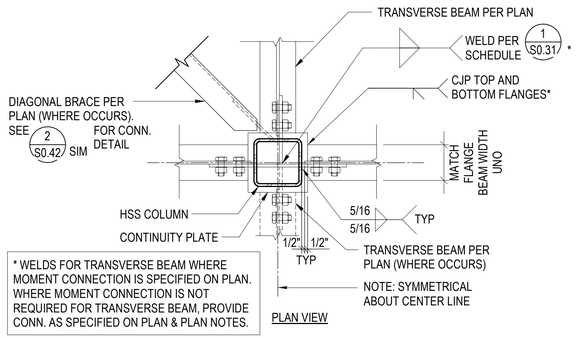
AT CONTINOUS COLUMN (BEAM OFFSET) C



BEAM TO BEAM INDICATES THIS ON PLAN

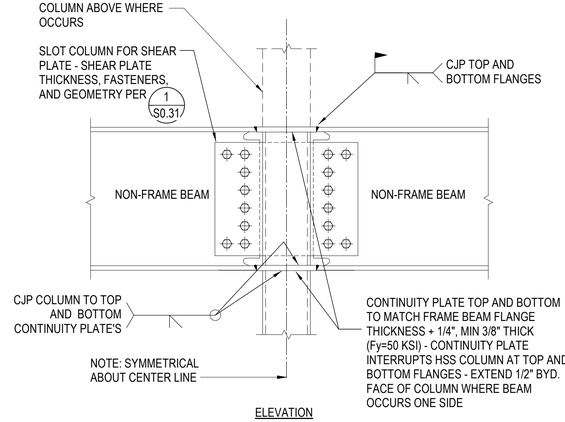
4 S0.33 TYPICAL BOLTED BEAM TO BEAM DRAG CONNECTION DETAIL
NOT TO SCALE

NOTES:
1. PROVIDE THESE NON-FRAME MOMENT CONNECTIONS WHERE DENOTED ON PLAN THUS ▶ 1 S0.31
2. SEE DETAIL 1 S0.31 FOR SHEAR PLATE THICKNESS (PL 1/2 MIN GR50 KSI) GEOMETRY, SHEAR PLATE WELDING AND QUANTITY OF FASTENERS EXCEPT USE 1" DIA A490-SC BOLTS IN LIEU OF BEARING TYPE BOLTS



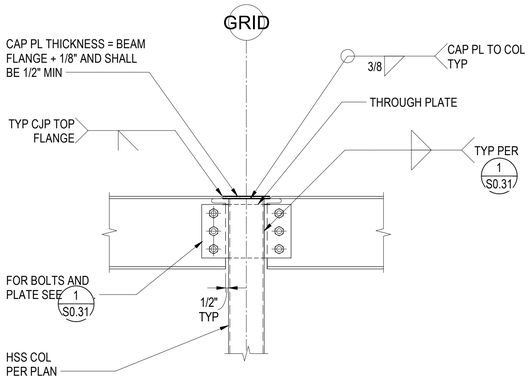
* WELDS FOR TRANSVERSE BEAM WHERE MOMENT CONNECTION IS SPECIFIED ON PLAN. WHERE MOMENT CONNECTION IS NOT REQUIRED FOR TRANSVERSE BEAM, PROVIDE CONN. AS SPECIFIED ON PLAN & PLAN NOTES.

PLAN VIEW

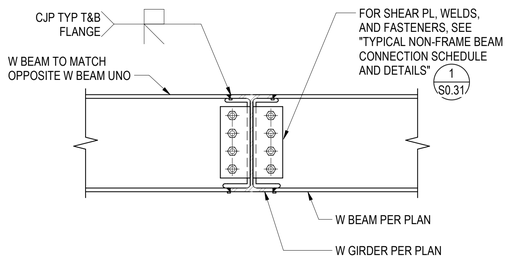


ELEVATION

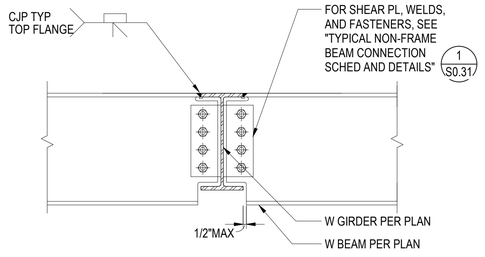
2 S0.33 TYPICAL NON-FRAME BEAM TO HSS COLUMN MOMENT CONNECTION
NOT TO SCALE



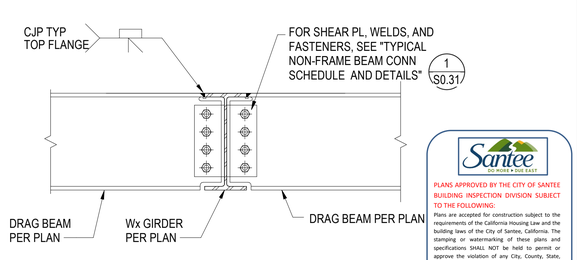
AT TOP OF COLUMN B



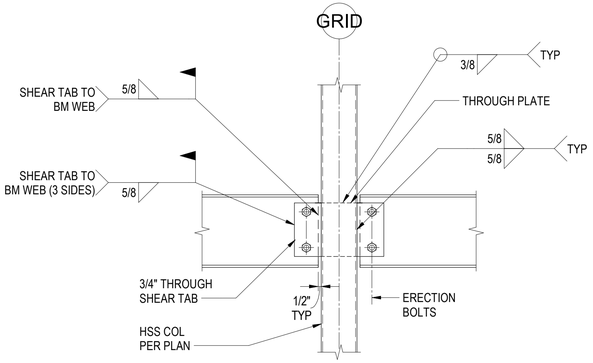
W GIRDER AND W BEAM WITH EQUAL DEPTH B



AT W BEAM DEEPER THAN W GIRDER C

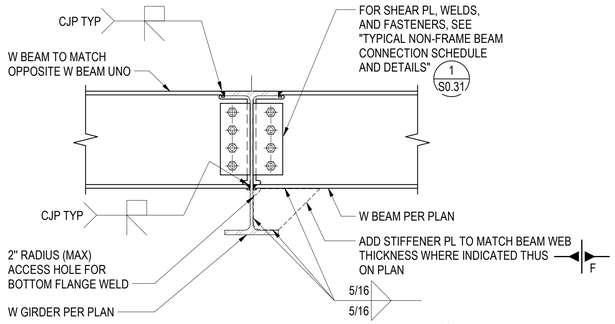


W GIRDER AND W BEAM WITH EQUAL DEPTH B



AT CONTINOUS COLUMN A

BEAM TO COL INDICATES THUS ON PLAN

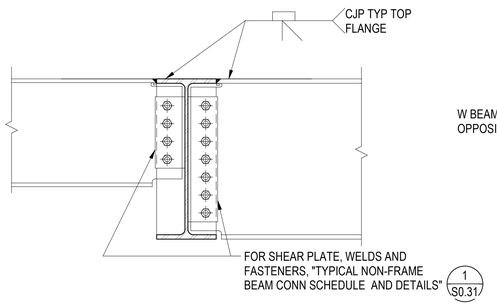


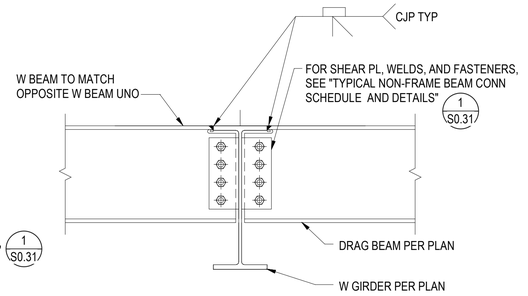
W GIRDER AND W BEAM WITH DIFFERENT DEPTHS A

BEAM TO BEAM MOMENT CONNECTION, INDICATED THUS ON PLAN

TYPICAL AT ALL DRAG BEAMS:

WELD DECK ALONG FULL LENGTH OF BEAM PER SCHEDULE ON 1 S0.41





W GIRDER AND W BEAMS WITH DIFFERENT DEPTH D

W GIRDER AND W BEAM WITH DIFFERENT DEPTHS A

OPTIONAL ALTERNATE CONNECTION DETAILS

5 S0.33 TYPICAL DRAG BEAM CONNECTION AT HSS COLUMN
NOT TO SCALE

3 S0.33 TYPICAL BEAM TO BEAM MOMENT CONNECTIONS
NOT TO SCALE

1 S0.33 BEAM TO BEAM DRAG CONNECTION INDICATE THUS ON ◁▷ PLAN
NOT TO SCALE

Santee
GO RIDGE • DUS EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASandre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:09 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: 1" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

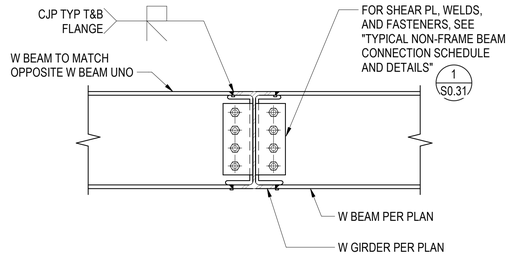
DRAWING NO.: **S0.33**
SHEET 117 OF 294

SANTEE COMMUNITY CENTER - TYPICAL STEEL DETAILS

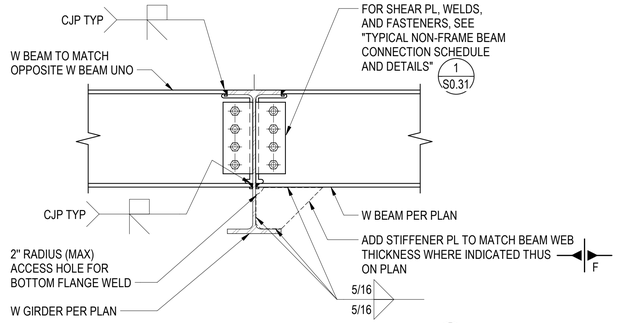
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100% CONSTRUCTION DOCUMENTS - 01/12/2024



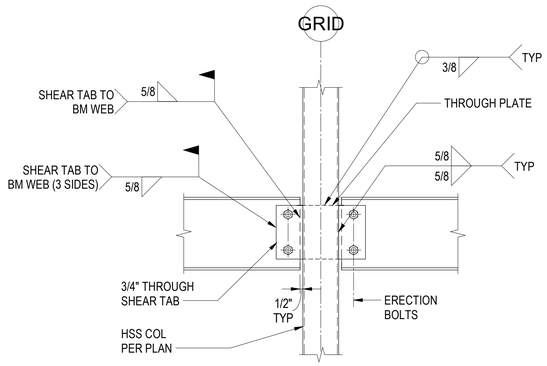
W GIRDER AND W BEAM WITH EQUAL DEPTH (B)



W GIRDER AND W BEAM WITH DIFFERENT DEPTHS (A)

BEAM TO BEAM MOMENT CONNECTION, INDICATED THUS ON PLAN

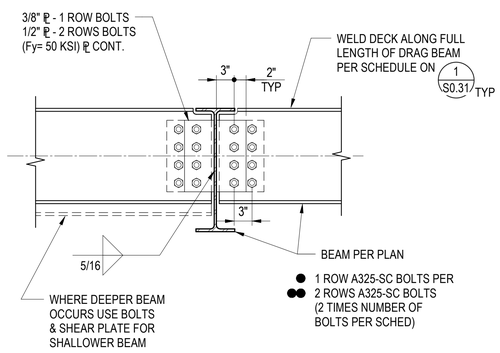
OPTIONAL ALTERNATE CONNECTION DETAILS



AT CONTINOUS COLUMN

BEAM TO COL INDICATES THUS ON PLAN

5 / S0.34 TYPICAL DRAG BEAM CONNECTION AT HSS COLUMN
NOT TO SCALE

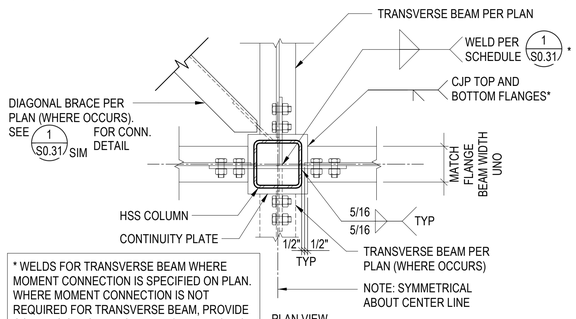


BEAM TO BEAM INDICATES THIS ON PLAN

3 / S0.34 TYPICAL BOLTED BEAM TO BEAM DRAG CONNECTION DETAIL
NOT TO SCALE

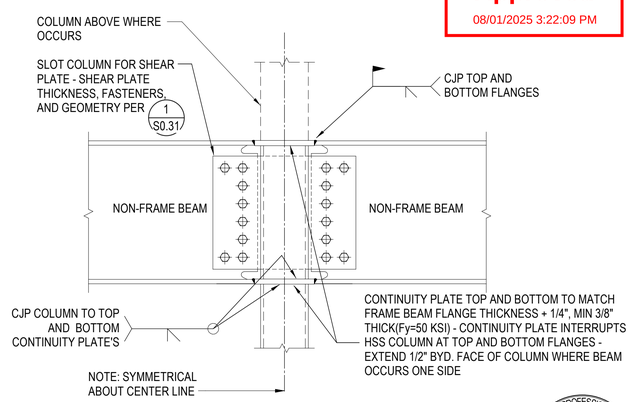
2 / S0.34 BEAM TO BEAM DRAG CONNECTION INDICATE THUS ON ——◁—— PLAN
NOT TO SCALE

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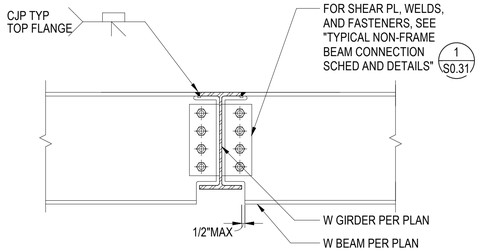
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PLAN VIEW

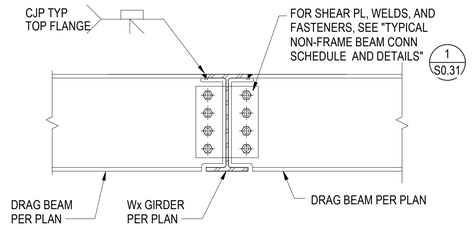


ELEVATION

1 / S0.34 TYPICAL NON-FRAME BEAM TO HSS COLUMN MOMENT CONNECTION
NOT TO SCALE



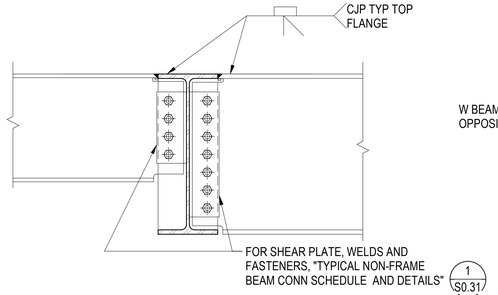
AT W BEAM DEEPER THAN W GIRDER (C)

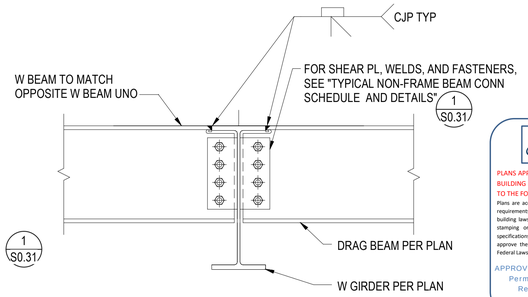


W GIRDER AND W BEAM WITH EQUAL DEPTH (B)

TYPICAL AT ALL DRAG BEAMS:

WELD DECK ALONG FULL LENGTH OF BEAM PER SCHEDULE ON
1
S0.41





W GIRDER AND W BEAMS WITH DIFFERENT DEPTH (D)

W GIRDER AND W BEAM WITH DIFFERENT DEPTHS (A)

Santee
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Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:09 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

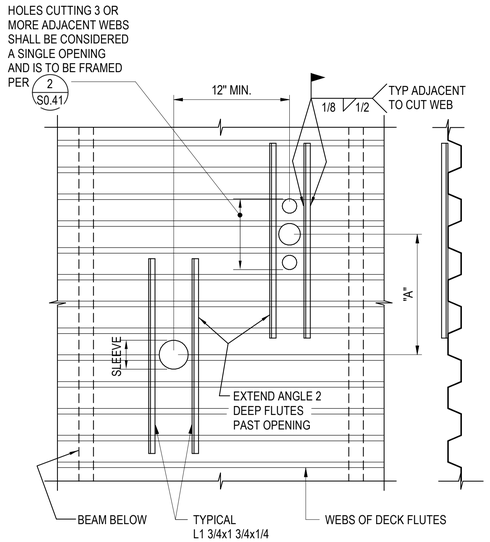
DRAWING NO.: **S0.34**
SHEET 118 OF 294

SANTEE COMMUNITY CENTER - TYPICAL STEEL DETAILS

Please Recycle

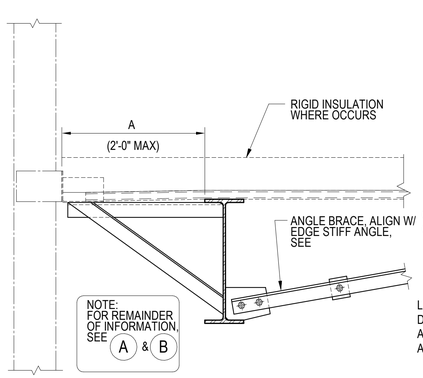
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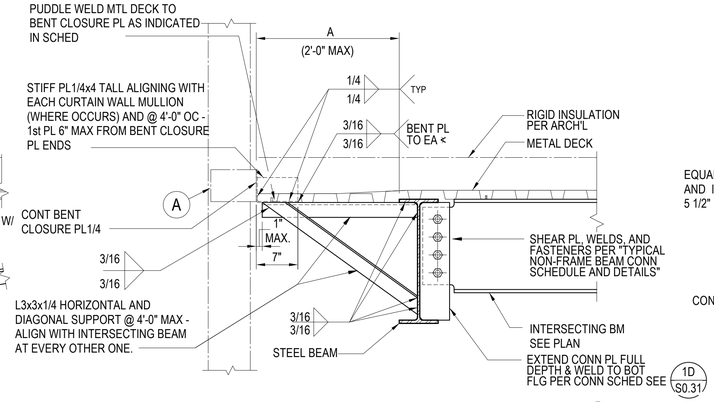


NOTES:
1. DO NOT CUT MORE THAN 2 ADJACENT WEB FLUTES.
2. HOLES THAT ARE BETWEEN WEBS OF HIGH FLUTES AND DO NOT CUT ANY WEBS NEED NO REINFORCING.
3. ANGLES SHALL BE PLACED ON TOP OF DECK.
4. ANGLES SHALL EXTEND AT LEAST 2 DEEP FLUTES PAST THE DECK OPENING EDGE (TYPICAL).
5. IF DIMENSION "A" IS LESS THAN 32", THE OPENING GROUP WILL BE CONSIDERED AS A SINGLE HOLE, AND MUST BE REINFORCED AS REQUIRED FOR THE LARGER OPENING PER 2 S0.41

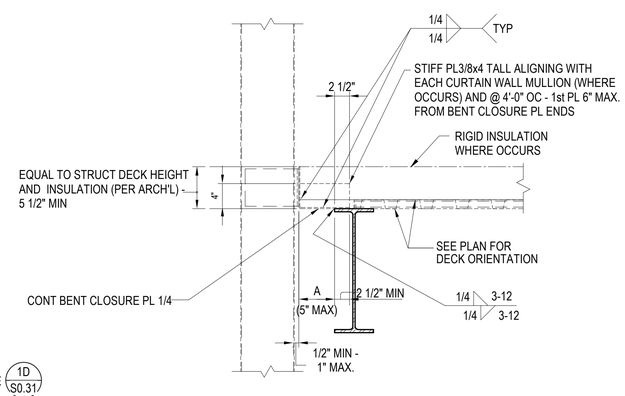
5 S0.41 TYPICAL BARE METAL DECK SLEEVE DETAIL
NOT TO SCALE



DECK PERPENDICULAR TO SLAB EDGE (A > 5") C



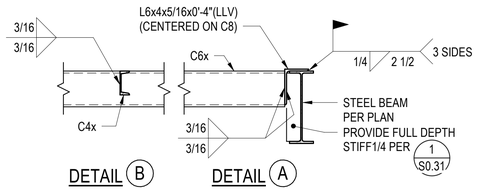
DECK PARALLEL TO SLAB EDGE (A > 5") B

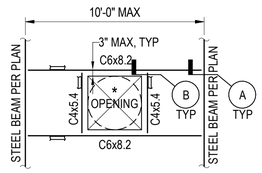


TYPICAL CONDITION (A ≤ 5") A

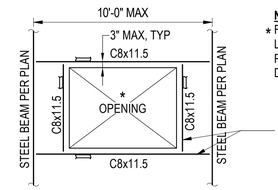
STEL-DECK-0013

3 S0.41 TYPICAL BARE METAL DECK (NO CONCRETE FILL) AT EXTERIOR DECK EDGE DETAILS
NOT TO SCALE





3'-0" x 3'-0" MAXIMUM OPENING



10'-0" x 8'-0" MAXIMUM OPENING

NOTE:
* FOR EXACT SIZE & LOCATION OF OPENING REFER TO ARCH/MECH DRAWINGS

TYPICAL
FOR SHEAR PL SIZE, WELDS & FASTENERS, SEE "TYPICAL NON-FRAME BEAM CONNECTION DETAILS & SCHEDULE" 1 S0.31

2 S0.41 TYPICAL METAL DECK OPENING AT ROOF DETAILS
NOT TO SCALE

METAL DECK CONSTRUCTION SCHEDULE

MARK	METAL DECKING			SLAB DESCRIPTION	METAL DECKING WELDING			MAXIMUM UNSHORED SPAN (CLEAR SPAN BETWEEN SUPPORTS)			HOURLY FIRE RATING	REMARKS
	TYPE	GAUGE	TOTAL SLAB "t"		PERPENDICULAR TO SUPPORT	PARALLEL TO SUPPORT	SEAMS	SINGLE	DOUBLE	TRIPLE		
D1	VERCO PLB-36 DECK	18	1 1/2"	ROOFING OVER RIGID INSULATION OVER METAL DECK	(4)-5/8" DIA ARC SPOT WELD PER 36" SHEET (4 PER SHEET)	5/8" DIA ARC SPOT WELD @ 12"	VSC2 @ 18"	9'-0"	12'-0"	11'-0"	NOT RATED	GALVANIZED COATING CONFORMING TO ASTM A653 CLASS G60

1 S0.41 TYPICAL METAL DECK CONSTRUCTION SCHEDULE
NOT TO SCALE

NOTES:
1. NO DUCTS, ELECTRICAL OR OTHERWISE SHALL OCCUR IN FILL, UNLESS NOTED OTHERWISE.
2. PROVIDE VERCO METAL DECKING AND ACCESSORIES IN CONFORMANCE WITH IAPMO ER-2018.
3. VSC2 = VERCO SIDE LAP CONNECTION WITH PUNCHLOCK II SYSTEM.
4. DECKING SHALL BE CONTINUOS OVER TWO (2) SPANS MIN.AND THREE (3) OR MORE WHEREVER APPLICABLE.



D1

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CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
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DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
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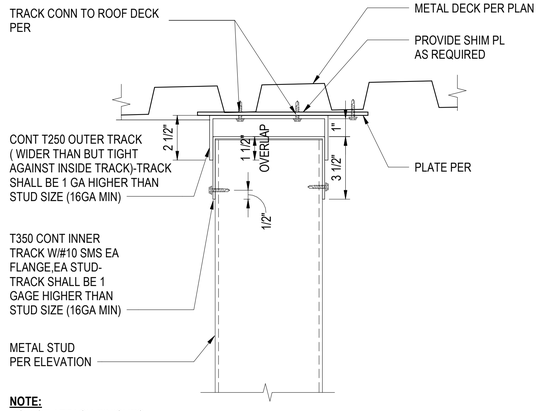
CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
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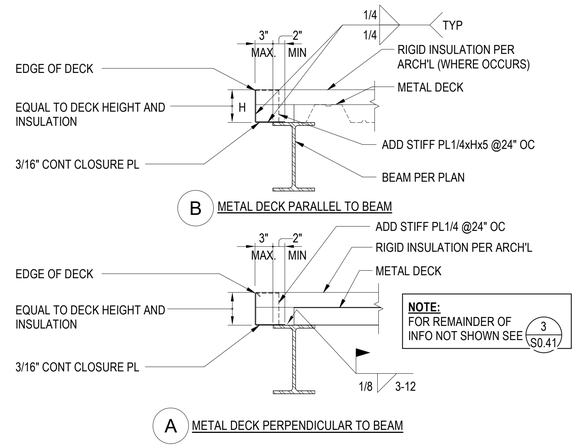
DRAWING NO. **S0.41**
SHEET 119 OF 294

SANTEE COMMUNITY CENTER - TYPICAL METAL DECK AND STEEL DETAILS

Please Recycle

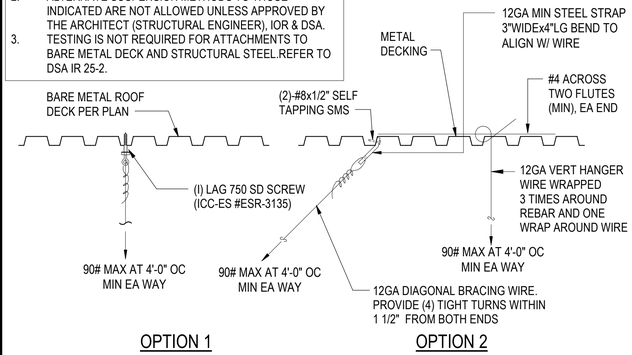


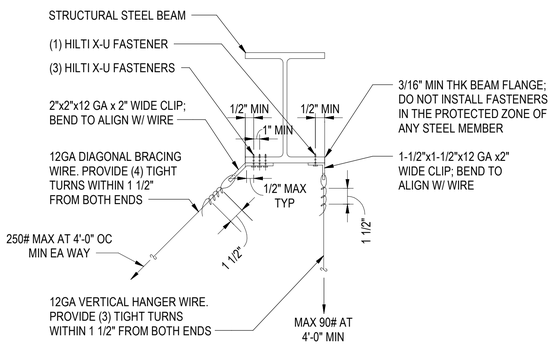
5 S0.42 TYPICAL CURTAIN WALL/METAL STUD ATTACHMENT DETAIL NOT TO SCALE

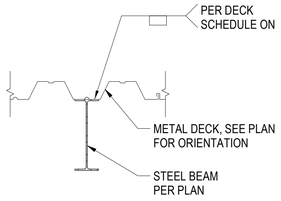


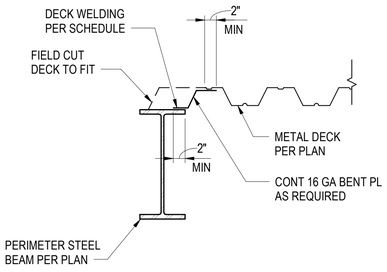
3 S0.42 TYPICAL BARE METAL DECK (NO CONC FILL) AT INTERIOR DECK EDGE DETAILS NOT TO SCALE

NOTES:
1. REFER TO ARCHITECTURAL DWGS AND DSA IR 25-2 FOR ADDITIONAL INFORMATION.
2. ALTERNATE SUSPENSION METHODS TO THOSE INDICATED ARE NOT ALLOWED UNLESS APPROVED BY THE ARCHITECT (STRUCTURAL ENGINEER), IOR & DSA.
3. TESTING IS NOT REQUIRED FOR ATTACHMENTS TO BARE METAL DECK AND STRUCTURAL STEEL.REFER TO DSA IR 25-2.





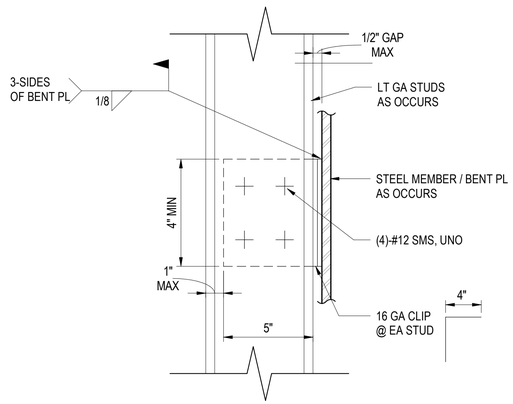


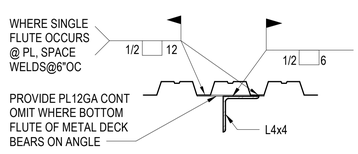


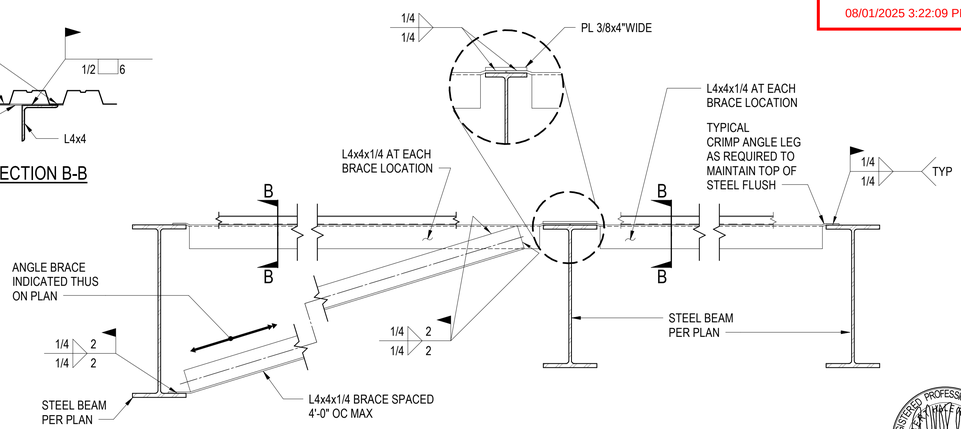
7 S0.42 TYPICAL CEILING HANGER AND SWAY WIRE TO ROOF NOT TO SCALE

4 S0.42 TYPICAL METAL DECK ATTACHMENT NOT TO SCALE

2 S0.42 METAL DECK PARALLEL TO PERIMETER BEAM / GIRDER NOT TO SCALE







6 S0.42 METAL STUD RIGID CONNECTION NOT TO SCALE

1 S0.42 TYPICAL ANGLE BRACE AT BARE METAL DECK DETAILS NOT TO SCALE

Santee — CA PRIDE & EXCELLENCE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A SafeBuilt Company
Approved
08/01/2025 3:22:09 PM

REGISTERED PROFESSIONAL ENGINEER — CHRISTOPHER R. HIKER — No. S4892 — EXP. 12/31/26 — STRUCTURAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

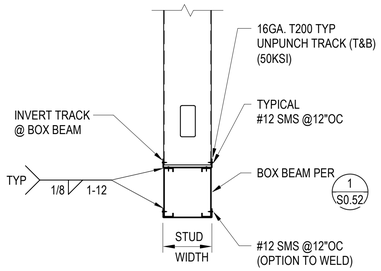
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

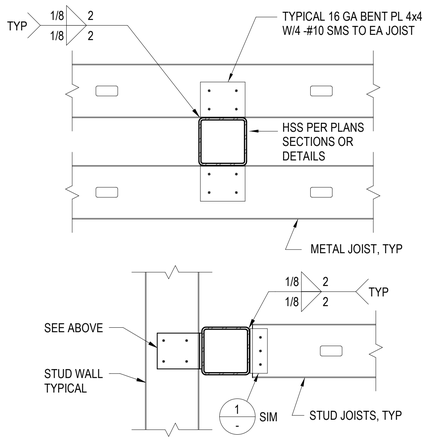
DRAWING NO.: **S0.42**
SHEET 120 OF 294

SANTEE COMMUNITY CENTER - TYPICAL METAL DECK AND STEEL DETAILS

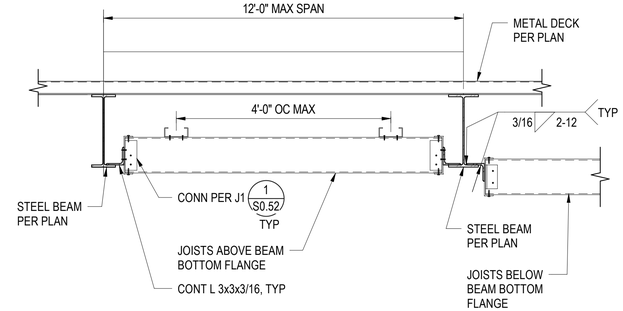
Please Recycle



8 / S0.51 LINTEL SECTION
NOT TO SCALE



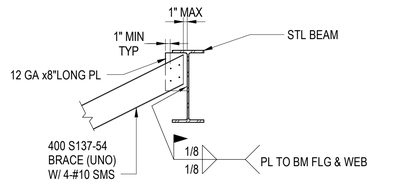
6 / S0.51 TYPICAL METAL STUD RIGID CONN TO HSS
NOT TO SCALE



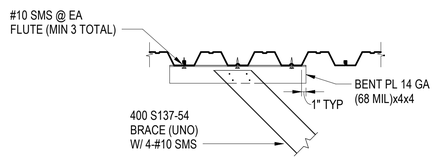
NOTE: REFER TO 1 / S0.52 FOR TRACK AND STUD INFORMATION

3 / S0.51 SOFFIT CONNECTION TO BEAM FLANGES
NOT TO SCALE

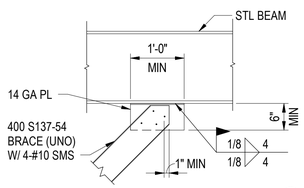
Santee
DO MORE • DOE EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C:NEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



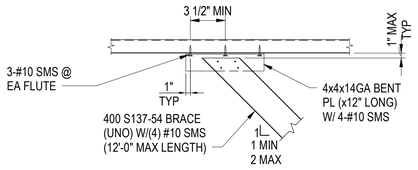
BRACE PERPENDICULAR TO STEEL BEAM (D)



BRACE PERPENDICULAR TO DECK (C)

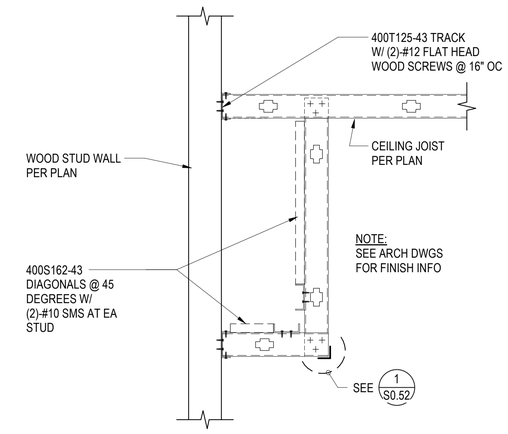


BRACE PARALLEL TO STEEL BEAM (B)

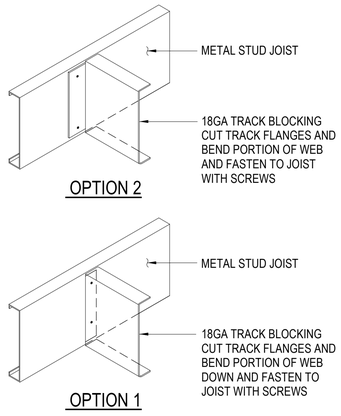


BRACE PARALLEL TO DECK (A)

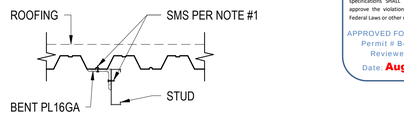
9 / S0.51 TYPICAL METAL STUD WALL BRACE WALL
NOT TO SCALE



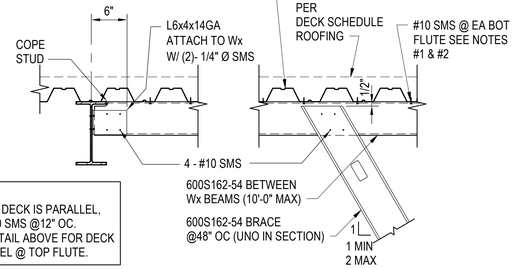
7 / S0.51 HANGING SOFFIT DETAIL AT WOOD STUD WALL
NOT TO SCALE



5 / S0.51 TYPICAL JOIST BLOCKING DETAILS
NOT TO SCALE



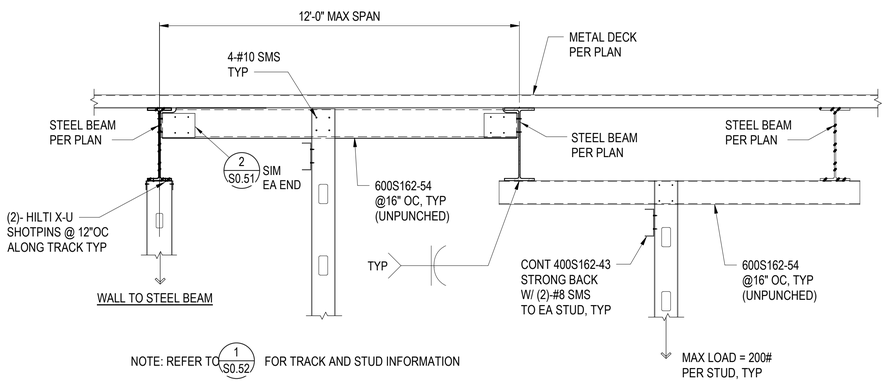
STUD AT DECK TOP FLUTE



NOTES:
1. WHERE DECK IS PARALLEL, USE #10 SMS @12" OC.
2. SEE DETAIL ABOVE FOR DECK PARALLEL @ TOP FLUTE.

METL-JOST-0002

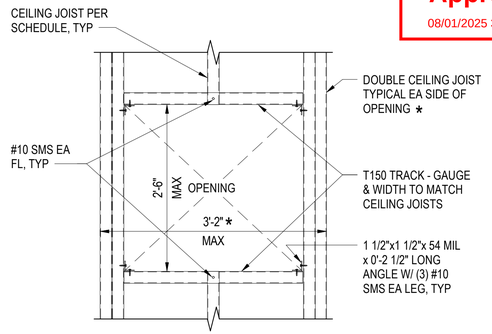
2 / S0.51 BRACE AT BARE METAL DECK
NOT TO SCALE



NOTE: REFER TO 1 / S0.52 FOR TRACK AND STUD INFORMATION

4 / S0.51 TYPICAL METAL STUD HANGING SOFFIT CONNECTION TO BARE METAL DECK
NOT TO SCALE

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:09 PM



* NOTE:
IF FRAMED OPENING IS LESS THAN 16" WIDE, PROVIDE SINGLE CEILING JOIST EA SIDE OF OPENING.

1 / S0.51 TYPICAL JOIST FRAMING AT CEILING OPENING LESS THAN 30 WIDE
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

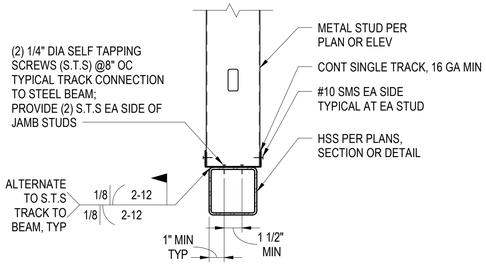
CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.51**
SHEET 121 OF 294

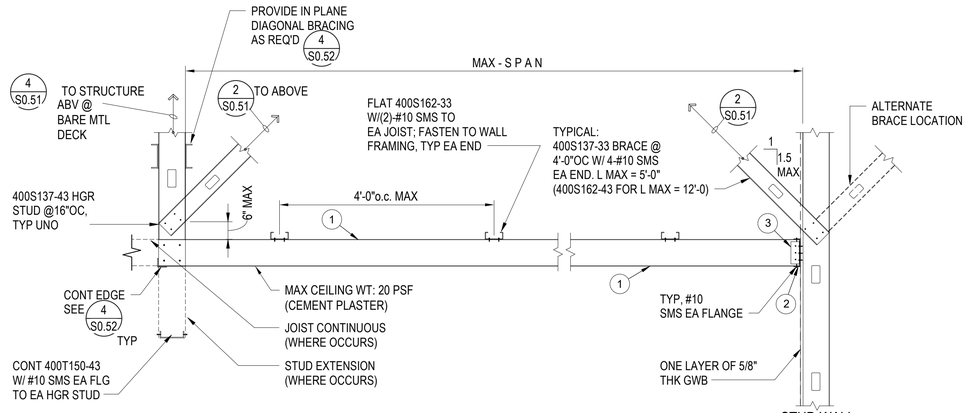
SANTEE COMMUNITY CENTER - TYPICAL METAL STUD DETAILS

Please Recycle



NOTE:
SIMILAR CONDITION OCCURS AT SILL HSS BEAM TO STUD TRACK

5 / S0.52 TYPICAL STUD TRACK TO HSS BEAM
NOT TO SCALE



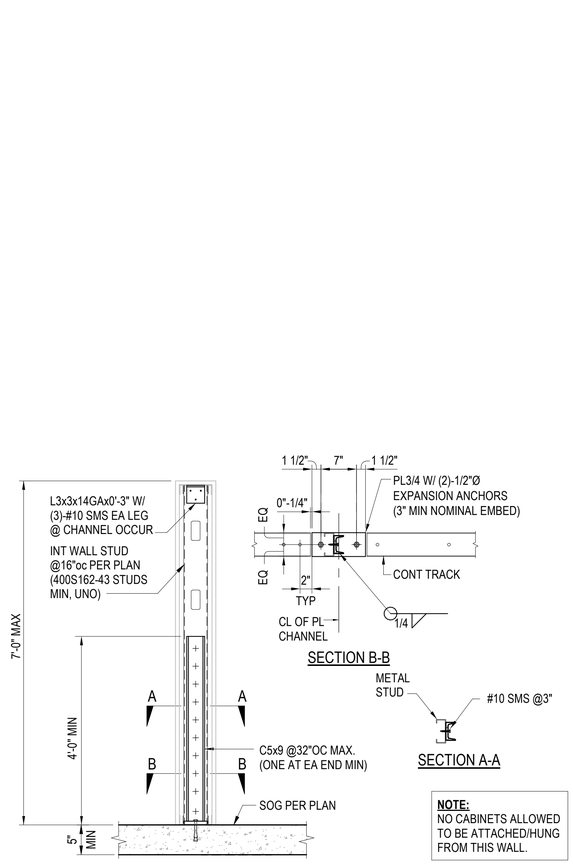
SOFFIT CONDITION

STUD WALL CONDITION

JOIST MARK PER PLAN	MAX SPAN (BETWEEN SUPPORTS)	1 JOIST (UNPUNCHED)	2 LEDGER TRACK	3 CLIP ANGLE
J1	6'-0"	400S162-43 @16"	400T150-54 W/ (2)-#12 TO EA STUD	18 GA (43 MIL)x2"x2"x3" LONG W/ (2)-#10 EA LEG
J2	12'-0"	600S162-54 @16"	600T150-68 W/ (3)-#12 TO EA STUD	16 GA (54 MIL) x2"x2"x5" LONG W/ (3)-#10 EA LEG

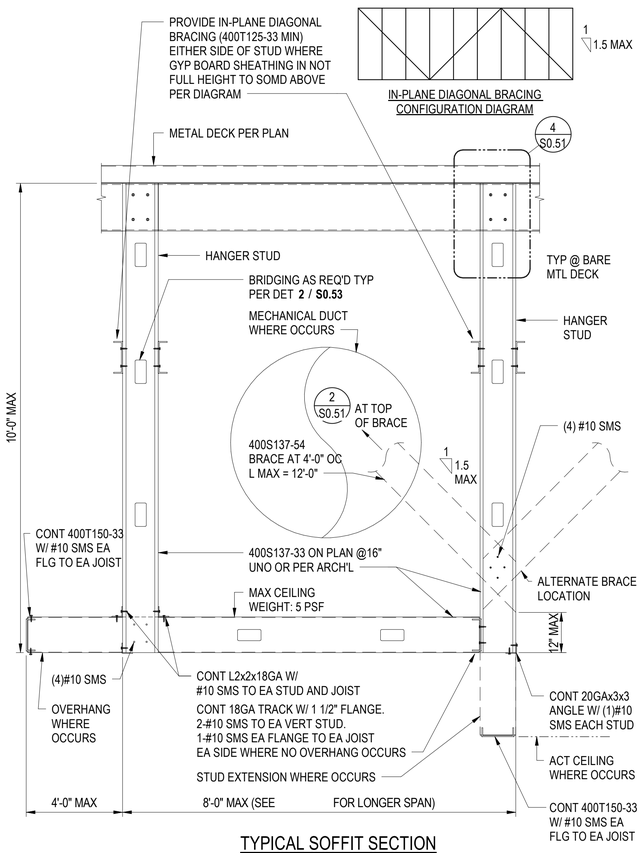
NOTES:
1. LOCATE CEILING JOISTS TO EITHER SIDE OF RECESSED LIGHTING (AS REQUIRED) AT STUD WALL SUPPORTED CEILING FRAMING LOCATIONS.
2. FOR CEILING OPENINGS LESS THAN 2'-6" WIDE, SEE TYPICAL DETAIL 1 / S0.51
3. HAT CHANNELS MAY BE REQUIRED AT SLOPED EXTERIOR SOFFITS; REFER TO ARCH DETAILS.

3 / S0.52 TYPICAL WALL SUPPORTED EXTERIOR METAL STUD CEILING DETAIL
NOT TO SCALE



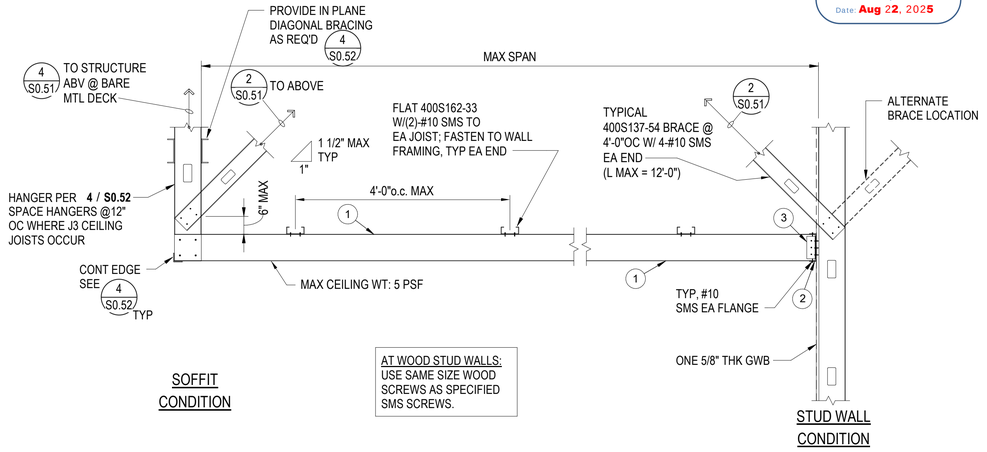
NOTE:
NO CABINETS ALLOWED TO BE ATTACHED/HUNG FROM THIS WALL.

6 / S0.52 PARTIAL HEIGHT WALL SECTION
NOT TO SCALE



TYPICAL SOFFIT SECTION

4 / S0.52 TYPICAL HANGING METAL STUD SOFFIT FRAMING DETAIL
NOT TO SCALE



SOFFIT CONDITION

AT WOOD STUD WALLS:
USE SAME SIZE WOOD SCREWS AS SPECIFIED SMS SCREWS.

STUD WALL CONDITION

JOIST MARK PER PLAN	MAX SPAN (BETWEEN SUPPORTS)	1 JOIST (UNPUNCHED)	2 LEDGER TRACK	3 CLIP ANGLE
J1	12'-0"	400S162-33 @ 16"	400T150-43 W/ (2)-#12 TO EA STUD	18 GA x2"x2"x3" LONG W/ (2)-#10 EA LEG
J2	16'-0"	600S162-33 @ 16"	600T150-43 W/ (3)-#12 TO EA STUD	18 GA x2"x2"x5" LONG W/ (3)-#10 EA LEG
J3	21'-0"	600S162-43 @ 12"	600T150-43 W/ (3)-#12 TO EA STUD	18 GA x2"x2"x5" LONG W/ (3)-#10 EA LEG
B1 (BOX BEAM)	8'-0"	2-600S162-43 (SEE 1/S0.42 FOR SECTION CONN)	600T150-43 W/ (3)-#12 TO EA STUD	EA SIDE OF BOX BEAM: 18 GA x2"x2"x5" LONG W/ (3)-#10 EA LEG

NOTES:
1. LOCATE CEILING JOISTS TO EITHER SIDE OF RECESSED LIGHTING (AS REQUIRED) AT STUD WALL SUPPORTED CEILING FRAMING LOCATIONS.
2. FOR CEILING OPENINGS LESS THAN 2'-6" WIDE, SEE TYPICAL DETAIL 1 / S0.51

1 / S0.52 TYPICAL WALL SUPPORTED METAL STUD CEILING DETAIL
NOT TO SCALE

Santee — GO WILD • GOOD ELLS

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST — A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:09 PM

REGISTERED PROFESSIONAL ENGINEER — ROBERT H. RANDALL — No. S4892 — EXP. 12/31/26 — STRUCTURAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.52**
SHEET 122 OF 294

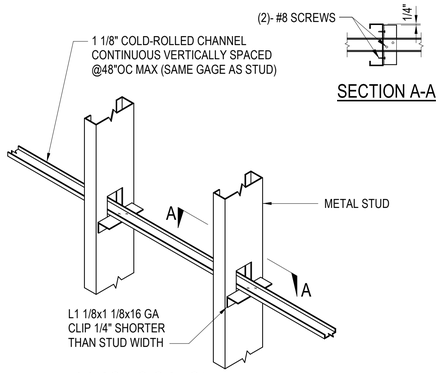
100% CONSTRUCTION DOCUMENTS - 01/12/2024

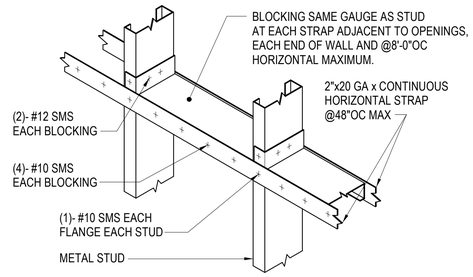
SANTEE COMMUNITY CENTER - TYPICAL METAL STUD DETAILS

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

100% CONSTRUCTION DOCUMENTS - 01/12/2024

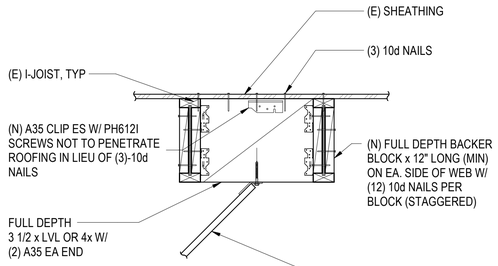




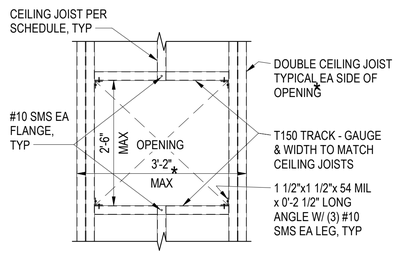
NOTE:
REQUIRED WHERE RIGID WALL FINISH DOES NOT CONTINUE FULL HEIGHT OF EITHER OR BOTH SIDES OF STUDS

2 / S0.53 TYPICAL LATERAL BRIDGING AT METAL STUDS
NOT TO SCALE

Santee
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Reviewed by: ASadre
Date: Aug 22, 2025

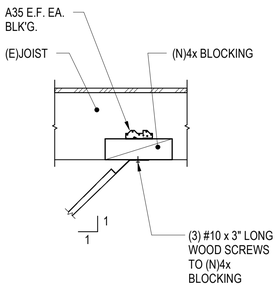


5 / S0.53 BRACE ATTACHMENT @ WOOD I-JOIST /BLK'G DETAIL
NOT TO SCALE

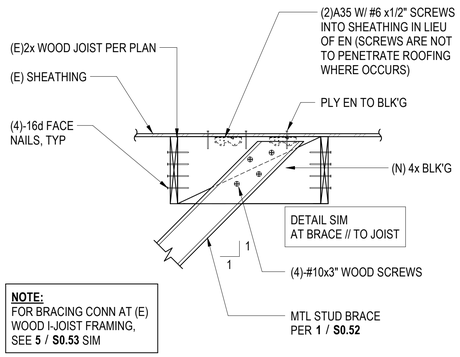


★**NOTE:**
IF FRAMED OPENING IS LESS THAN 16" WIDE, PROVIDE SINGLE CEILING JOIST EA SIDE OF OPENING.

3 / S0.53 TYPICAL JOIST FRAMING AT CEILING OPENING LESS THAN 30" WIDE
NOT TO SCALE

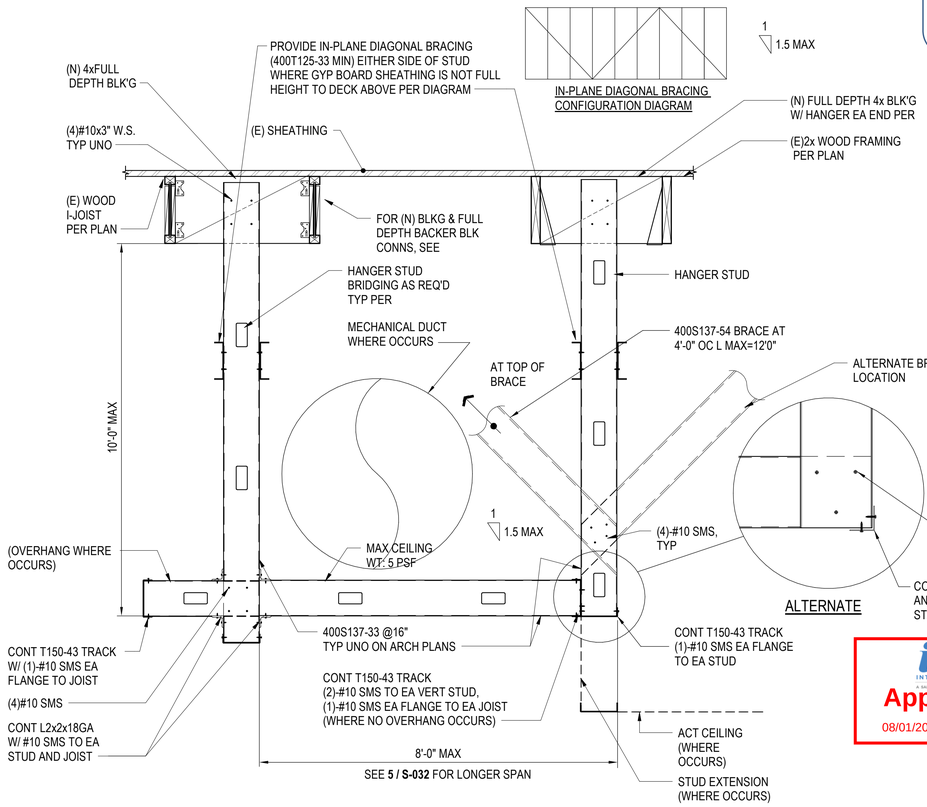


STUD BRACE TO ROOF FRAMING



NOTE:
FOR BRACING CONN AT (E) WOOD I-JOIST FRAMING, SEE 5 / S0.53 SIM

4 / S0.53 TYPICAL STUD BRACE CONN
NOT TO SCALE



IN-PLANE DIAGONAL BRACING CONFIGURATION DIAGRAM

1 / S0.53 TYPICAL SOFFIT SECTION
NOT TO SCALE

INTERWEST
Approved
08/01/2025 3:22:09 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.53**
SHEET 123 OF 294

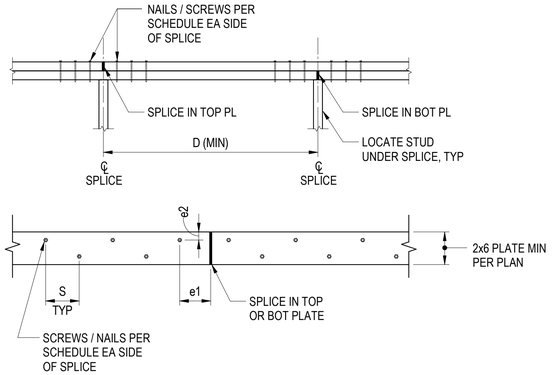
SANTEE COMMUNITY CENTER - TYPICAL METAL STUD DETAILS

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

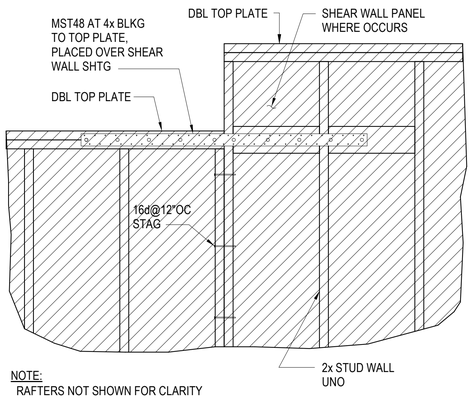
100% CONSTRUCTION DOCUMENTS - 01/12/2024



	FASTENER	ASD CAPACITY OF TOP PLATE	D (MIN)	e1	e2	S	NOTES
1	(10)-16d COMMON	2260#	4'-0"	3"	1.5"	2"	
2	(18)-16d COMMON	4068#	4'-0"	3"	1.5"	2"	
3	(14)-SIMPSON SDWH19300DB	6384#	5'-0"	3"	1.5"	2"	
4	(20)-SIMPSON SDWH19300DB	8910#	6'-0"	3"	1.5"	2"	
5	(32)-SIMPSON SDWH19300DB	14,592	6'-0"	3"	1.5"	2"	PROVIDE 2.0E LVL TOP PLATES

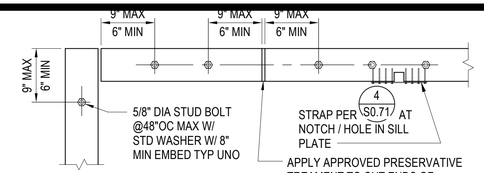
NOTE:
1. SEE IAPMO - 0192 FOR SIMPSON SDWH19300DB
2. TOP PLATE SPLICE SHOULD BE MINIMUM "D" AWAY FROM THE ENDS OF TOP PLATES. AND LOCATION OF HD
3. USE 1 DETAIL UNLESS NOTED OTHERWISE ON PLANS.

7 / S0.71 TYPICAL TOP PLATES SPLICE DETAIL (UNLESS DETAILED OTHERWISE) NOT TO SCALE

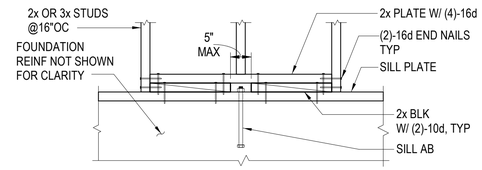


NOTE:
RAFTERS NOT SHOWN FOR CLARITY

6 / S0.71 PARTIAL WALL ELEVATION AT CHANGE IN PLATE HEIGHT NOT TO SCALE



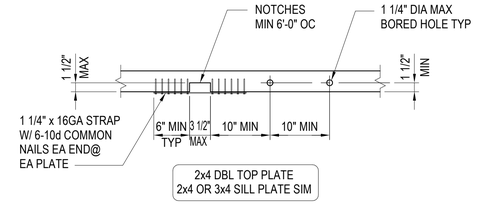
PLAN

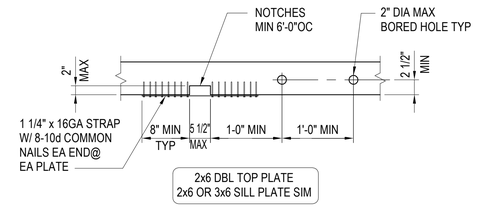


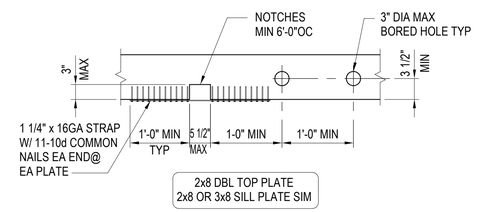
NOTE:
1. SEE 1/S1.11 FOR REQUIREMENT AT SHEAR WALLS
2. PRESSURE TREAT ALL SILLS BEARING ON CONCRETE OR CMU.

ELEVATION

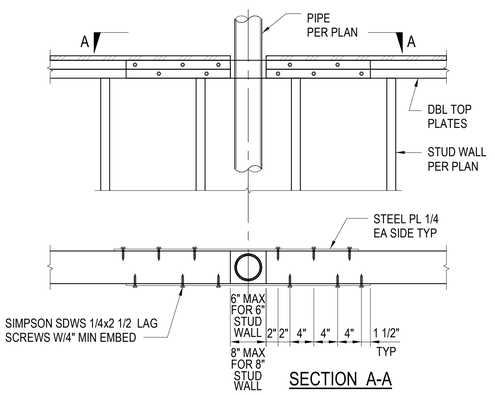
5 / S0.71 TYP SILL PLATE AT FOUNDATION NOT TO SCALE





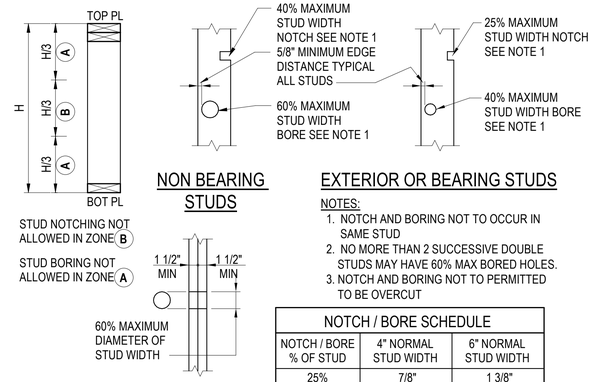


4 / S0.71 TYP DETAIL FOR PENETRATIONS IN TOP OR BOTTOM PLATE MEMBER NOT TO SCALE



SECTION A-A

3 / S0.71 TYPICAL TOP PLATE SPLICE DETAIL AT PIPE PENETRATIONS NOT TO SCALE



NON BEARING STUDS

DOUBLE BEARING STUDS

EXTERIOR OR BEARING STUDS

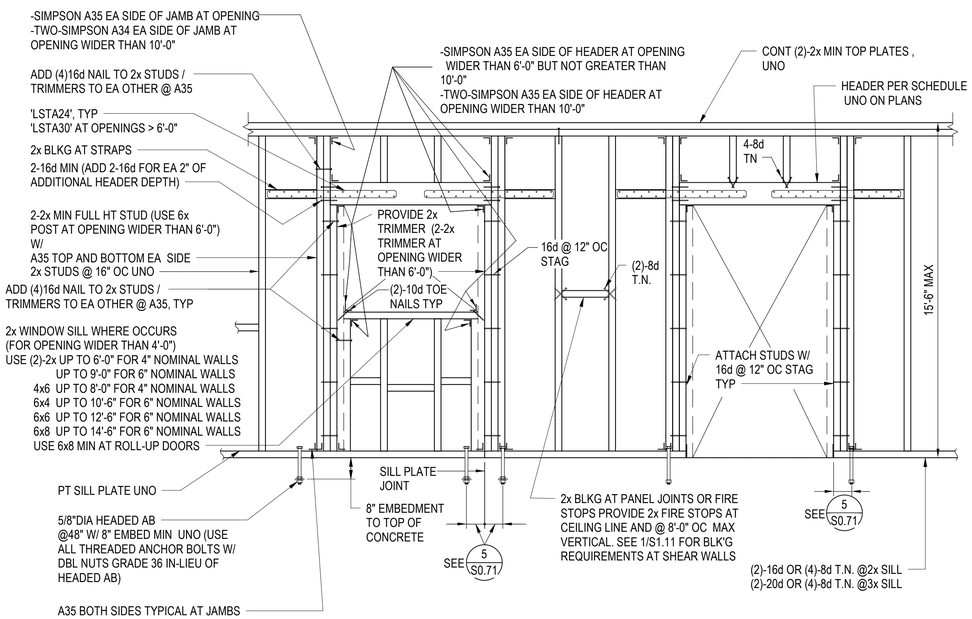
NOTES:
1. NOTCH AND BORING NOT TO OCCUR IN SAME STUD
2. NO MORE THAN 2 SUCCESSIVE DOUBLE STUDS MAY HAVE 60% MAX BORED HOLES.
3. NOTCH AND BORING NOT TO PERMITTED TO BE OVERCUT

NOTCH / BORE SCHEDULE		
NOTCH / BORE % OF STUD	4" NORMAL STUD WIDTH	6" NORMAL STUD WIDTH
25%	7/8"	1 3/8"
40%	1 3/8"	2 1/8"
60%	2"	3 1/4"

2 / S0.71 TYPICAL STUD WALL NOTCHING AND BORING NOT TO SCALE

HEADER SCHEDULE		
MAXIMUM OPENING WIDTH	MIN NOMINAL HEADER "D"	
	NON-BEARING	BEARING
4'-0"	4"	6"
6'-0"	6"	8"
8'-0"	8"	10"
10'-0"	10"	12"
12'-0"	12"	14"

NOTES:
1. FOR BALANCE OF NAILING, SEE CBC TABLE 2304.9.1 AND DETAILS
2. SEE DETAILS 7 / S0.71 FOR TOP PLATE SPLICE IN SHEAR WALLS.
3. FASTENERS AND ANCHOR BOLTS IN PRESSURE TREATED AND FIRE-RETARDANT WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL (CBC 2304.9.5)
4. ALL WALLS SUPPORTING ANY TYPE OF LOAD, i.e. JOISTS OR LOADS ABOVE, SHALL BE CONSIDERED AS LOAD BEARING.
5. SEE 1 / S0.81 FOR ADDITIONAL REQUIREMENTS AT SHEAR WALLS



1 / S0.71 TYPICAL STUD WALL CONSTRUCTION NOT TO SCALE

Santee — DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A NAVIGANT COMPANY
Approved
08/01/2025 3:22:09 PM

REGISTERED PROFESSIONAL ENGINEER — ROBERT H. RANDALL — No. S4892 — EXP. 12/31/26 — STRUCTURAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1" = 1'-0"	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.		
	RCE NO. S4892	DATE 04/30/2025	EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

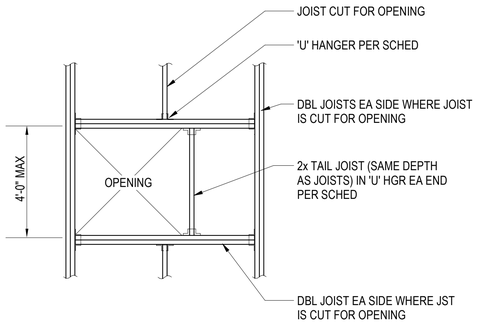
CITY W.O. NO. CIP 2018-31

DRAWING NO. S0.71
SHEET 124 OF 294

SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

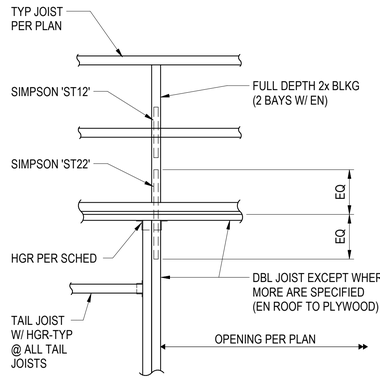
Please Recycle



NOTE:

1. NO MORE THAN 2 JOISTS SHALL BE CUT AT AN OPENING.
2. PROVIDE ROOF EDGE NAILING TO ALL EDGES OF OPENINGS

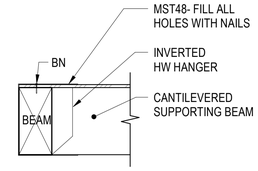
9 S0.72 TYPICAL FRAMING OPENING DETAIL
NOT TO SCALE



PLAN VIEW

WOOD-GENL-0004

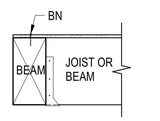
7 S0.72 JOIST SUPPORT AT OPENINGS
NOT TO SCALE



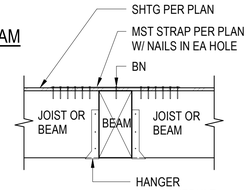
SIMPSON HANGER SCHED	
JOIST	HANGER
2x JOIST	SIMPSON U
DOUBLE JOISTS	SIMPSON HU
4x BEAM	SIMPSON HU
6x BEAM	SIMPSON GLT

* OR SEE PLAN

CANTILEVERED SUPPORTING BEAM



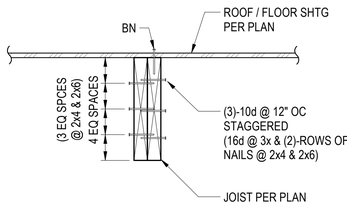
END CONDITION (B)



TYPICAL CONDITION (A)

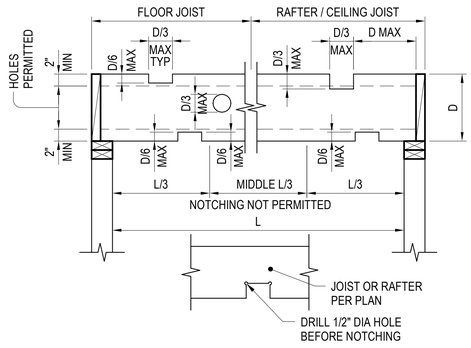
5 S0.72 TYPICAL JOIST OR BEAM TO FLUSH BEAM CONNECTION HANGER SCHEDULE
NOT TO SCALE

WOOD-BEAM-0009



AT 2x8 JOISTS AND DEEPER

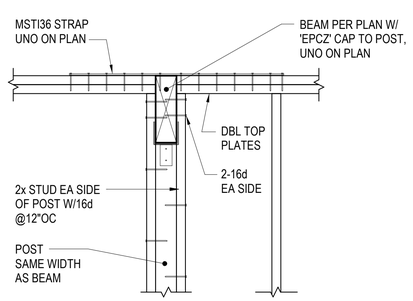
3 S0.72 TYPICAL DOUBLE JOIST CONNECTION
NOT TO SCALE



NOTES:

1. MULTIPLE NOTCHES AND HOLES NOT TO OCCUR IN SAME CROSS SECTION.
2. ALL HOLES SHALL BE DRILLED.
3. D/3 MAX NOTCH IS PERMITTED AT THE TOP OF RAFTER / CEILING JOIST.
4. TAPERED CORNERS RECOMMENDED IN ENGINEERED WOOD PRODUCTS.

2 S0.72 TYPICAL JOIST AND RAFTER NOTCHING AND BORING
NOT TO SCALE



CONDITION B

CONDITION A

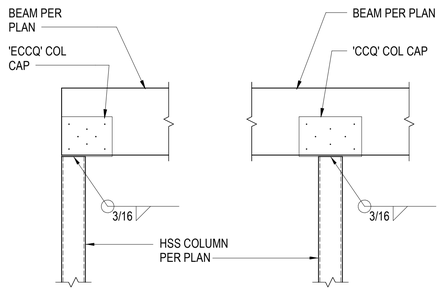
8 S0.72 TYPICAL WOOD DROP BEAM PERPENDICULAR TO WALL
NOT TO SCALE

(C) PLAN VIEW
CONDITION @ ROUND HSS

NOTE:
1. PROVIDE WOOD FILLER @ I - JOIST AS REQUIRED.

(B) CONDITION AT CONTINUOUS HSS

6 S0.72 TYPICAL WOOD BEAM TO HSS COLUMN CONNECTION
NOT TO SCALE



END CONDITION

INTERIOR CONDITION

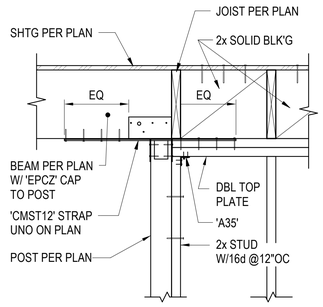
NOTE: SEE (8 S0.72) WHERE POST IS LOCATED INSIDE A WALL.

(A) CONDITION AT TOP OF HSS COL

WOOD-STEL-0008

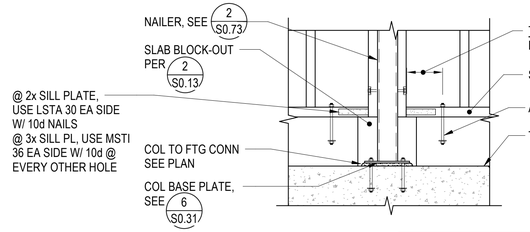
4 S0.72 TYPICAL WOOD BEAM PARALLEL TO WALL
NOT TO SCALE

DROP CONDITION



FLUSH CONDITION

1 S0.72 TYPICAL STUD WALL ADJACENT TO STEEL COLUMN
NOT TO SCALE



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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:10 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY LR | DRAWN BY JPR | CHECKED BY LR

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.72**
SHEET 125 OF 294

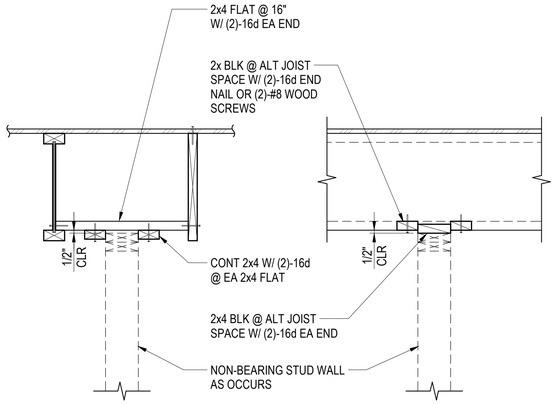
SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

100% CONSTRUCTION DOCUMENTS - 01/12/2024

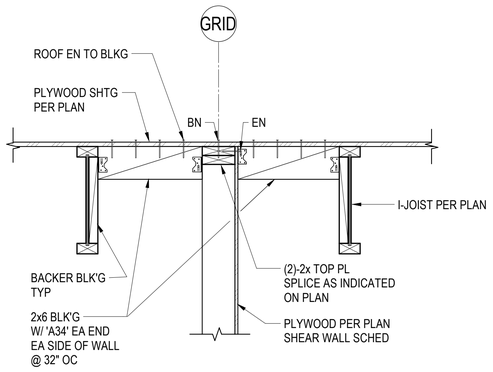
Please Recycle

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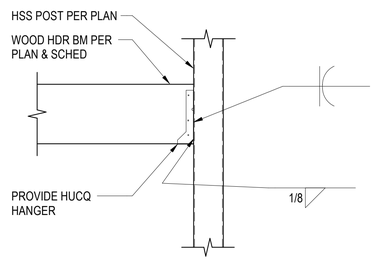
100% CONSTRUCTION DOCUMENTS - 01/12/2024



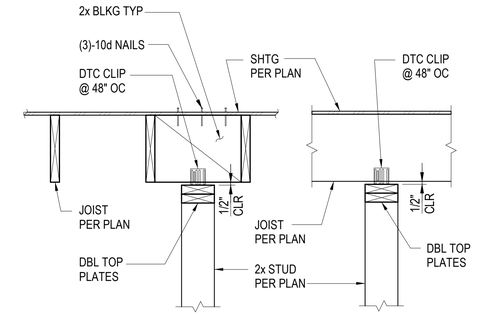
12 S0.73 TYPICAL NON-BEARING WALL ATTACHMENT
NOT TO SCALE



9 S0.73 TYP INT STUD BEARING WALL PARALLEL TO JOIST @ ROOF
NOT TO SCALE

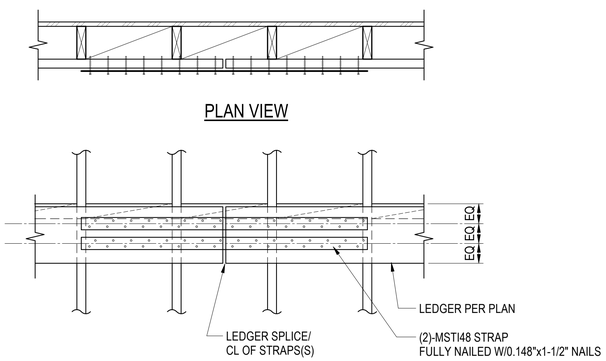


6 S0.73 WOOD HEADER BEAM TO HSS COL
NOT TO SCALE

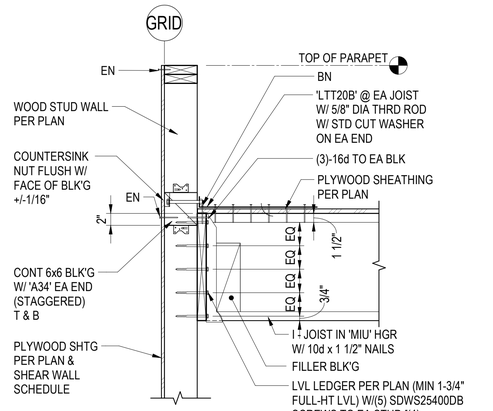


PARALLEL TO JOISTS PERPENDICULAR TO JOISTS

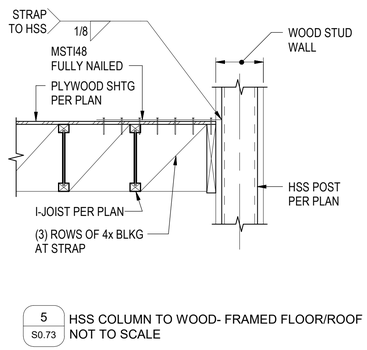
3 S0.73 TYPICAL NON-BEARING WALL
TO FRAMING AT TOP OF WALL
NOT TO SCALE



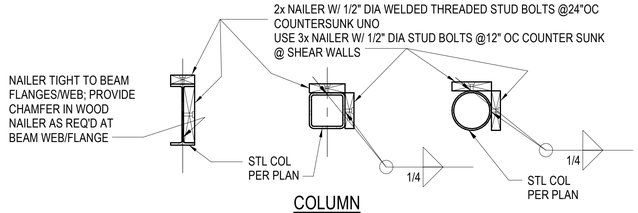
11 S0.73 TYPICAL ROOF LEDGER SPLICE DETAIL
NOT TO SCALE



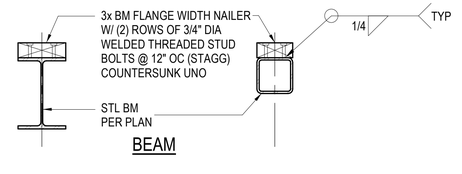
8 S0.73 TYPICAL EXTERIOR STUD WALL
PERPENDICULAR TO JOIST @ ROOF
NOT TO SCALE



5 S0.73 HSS COLUMN TO WOOD- FRAMED FLOOR/ROOF
NOT TO SCALE



COLUMN

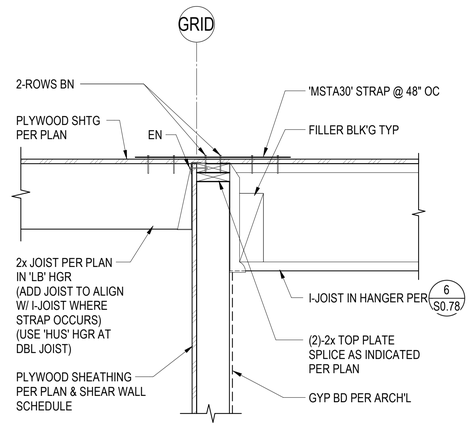


BEAM

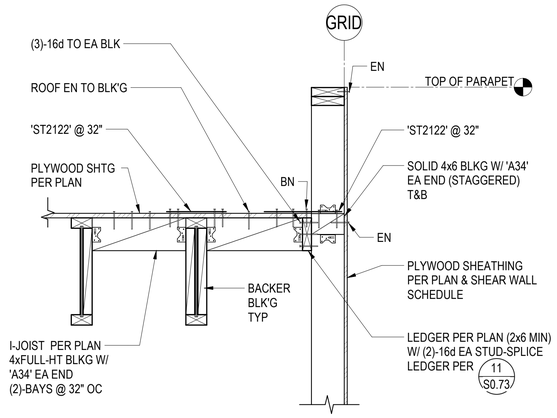
2 S0.73 TYPICAL STEEL BEAM AND
COLUMN NAILER DETAILS
NOT TO SCALE

HANGER SCHEDULE (UNO ON PLAN)		
MEMBER	HANGER TYPE	REMARKS
2x JOIST	SIMPSON "LUS" HANGER	SIMPSON "LB" AT NAILERS
DOUBLE JOIST	SIMPSON "HUS" HANGER	-
GLB	SIMPSON "HW" HANGER	UNO ON PLAN

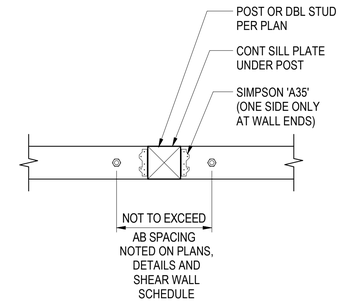
NOTE:
1. COUNTERSINK NUT FOR STUD BOLTS JUST ENOUGH SO TOP OF NUT IS FLUSH WITH BOTTOM OF SHEATHING +/-1/16".
2. FOR NAILER INFO SEE 2 S0.73



10 S0.73 TYPICAL INTERIOR STUD WALL
PERPENDICULAR TO JOIST @ ROOF
NOT TO SCALE

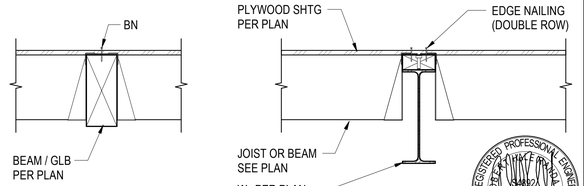


7 S0.73 TYP EXTERIOR STUD WALL PARALLEL
TO JOIST @ ROOF
NOT TO SCALE



PLAN AT POST OR DBL. STUD W/ A35'S

4 S0.73 TYPICAL POST AT SILL PLATE
NOT TO SCALE



1 S0.73 TYPICAL JOIST HANGER SCHEDULE (AT BEAM)
NOT TO SCALE

Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:10 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

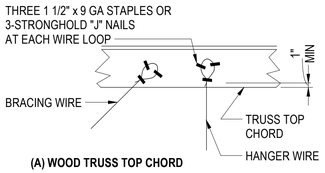
DRAWING NO. S0.73
SHEET 126 OF 294

SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

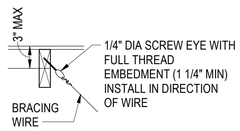
Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

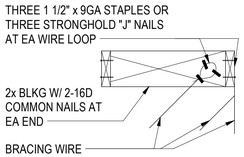
ACCEPTABLE DETAILS - WIRE CONNECTIONS TO WOOD FRAMING



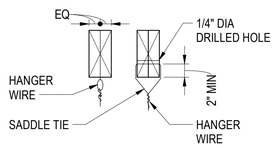
(A) WOOD TRUSS TOP CHORD



(B) WOOD TRUSS TOP CHORD



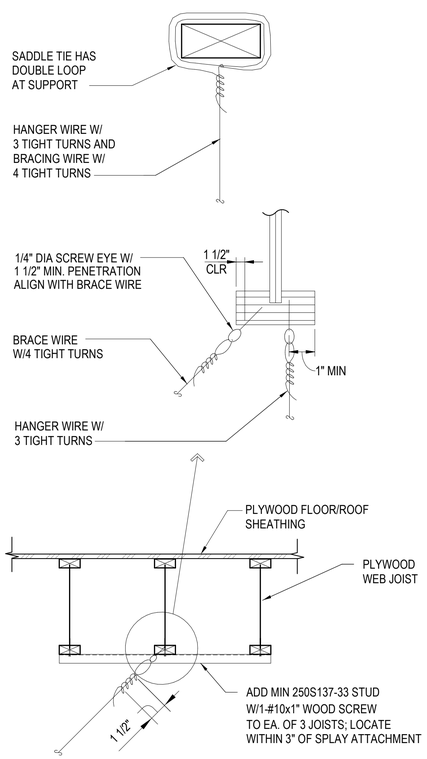
(C) WOOD TRUSS CHORD OR BLOCK



(D) AT BOTTOM TRUSS CHORD

AT WOOD TRUSS (SIM AT WOOD JOISTS)

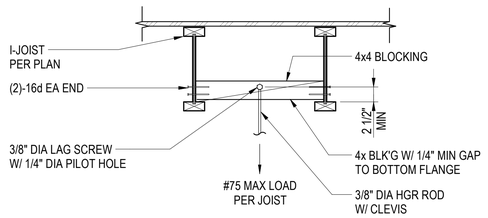
NOTE:
ALTERNATIVE SUSPENSION METHODS TO THOSE INDICATED ARE NOT ALLOWED UNLESS APPROVED BY THE ARCHITECT (STRUCTURAL ENGINEER) BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT

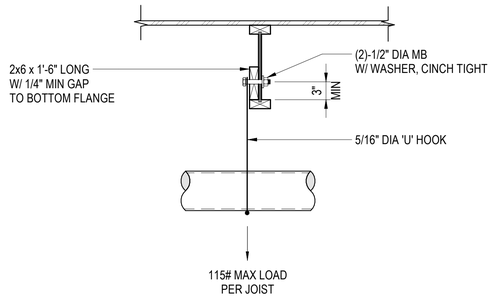


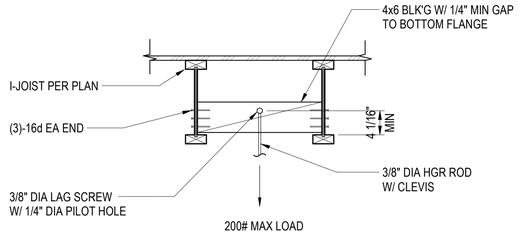
AT PLYWOOD WEB I-JOIST

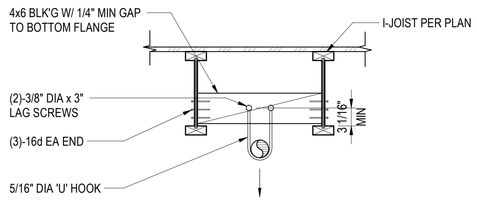
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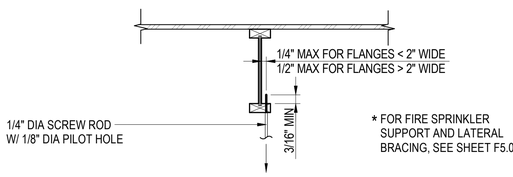
5 / S0.74 TYPICAL SUSPENDED CEILING HANGER AND SWAY WIRE TO FLOOR OR ROOF
NOT TO SCALE





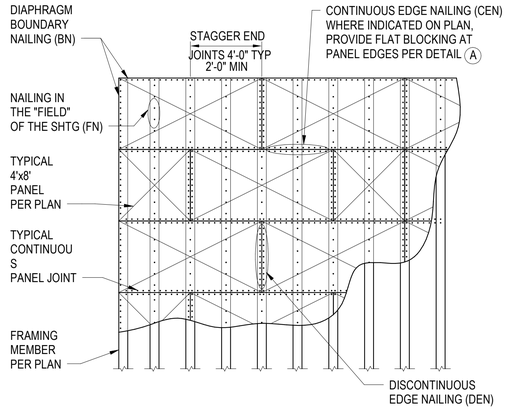






* FOR FIRE SPRINKLER SUPPORT AND LATERAL BRACING, SEE SHEET F5.01

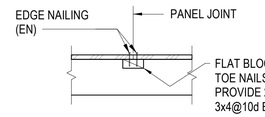
4 / S0.74 SUSPENDED LOAD DETAILS
NOT TO SCALE



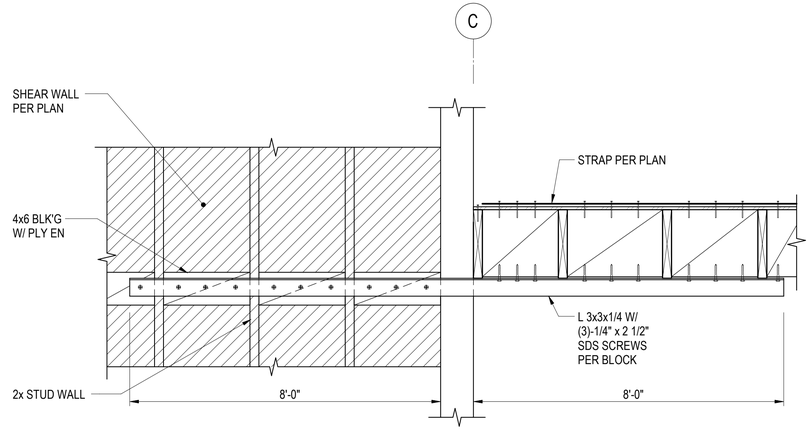
3 / S0.74 TYPICAL PLYWOOD DIAPHRAGM CONSTRUCTION
NOTE: NOT TO SCALE

WOOD STRUCTURAL PANEL (WSP)

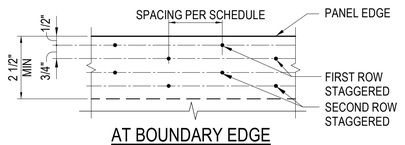
1. RUN LONG DIMENSION OF WSP PERPENDICULAR TO FRAMING MEMBERS.
2. NAILING SIZE AND SPACING AS NOTED ON PLAN.
3. NAILS SHALL HAVE A MINIMUM 3/8" EDGE DISTANCE.
4. NOT USED
5. NOT USED
6. USE BOUNDARY NAILING AT FRAME & DRAG BEAMS.
7. PROVIDE EDGE NAILING TO INTERIOR BRACING SUPPORT.
8. WSP SHALL BE GRADE PER NIST PS1-09 AND SHALL BE INTERIOR
   TYPE SHEATHING C-D GRADE (STRUCT. I) WITH EXTERIOR GLUE.
9. EACH SHEET SHALL HAVE A MINIMUM AREA OF 8 SQUARE FEET WITH A MINIMUM DIMENSION OF 2 FEET.



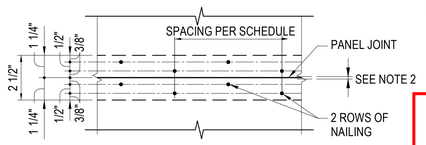
BLOCKED DIAPHRAGM A



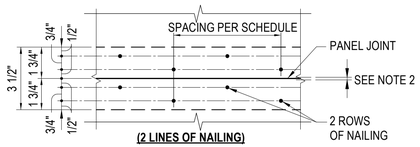
2 / S0.74 DRAG CONNECTION - CANOPY 01
NOT TO SCALE



AT BOUNDARY EDGE



AT 3" NOMINAL FRAMING MEMBER



AT 4" NOMINAL FRAMING MEMBER

NOTE:
1. WHEN DIAPHRAGM NAIL SPACING IS LESS THAN OR EQUAL TO 2 1/2" - NAILS IN A ROW SHALL BE STAGGERED AS SHOWN AND FRAMING AT BOUNDARIES OR PANEL EDGES SHALL BE NOMINAL MINIMUM PER AWC SDPWS - 08 TABLE 4.2A.
2. SPACE PANEL END AND EDGE JOINT 1/8". REDUCE SPACING BETWEEN LINES OF NAILS AS NECESSARY TO MAINTAIN MIN 3/8" FASTENER EDGE MARGINS, MIN SPACING BETWEEN LINES IS 3/8".

1 / S0.74 TYPICAL DIAPHRAGM PANEL NAILING WHERE NAILING SPACING IS LESS THAN 3" OC
NOT TO SCALE

Santee
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HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES | CITY W.O. NO. CIP 2018-31 | DRAWING NO. S0.74
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
SHEET 127 OF 294

SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

100% CONSTRUCTION DOCUMENTS - 01/12/2024

Please Recycle

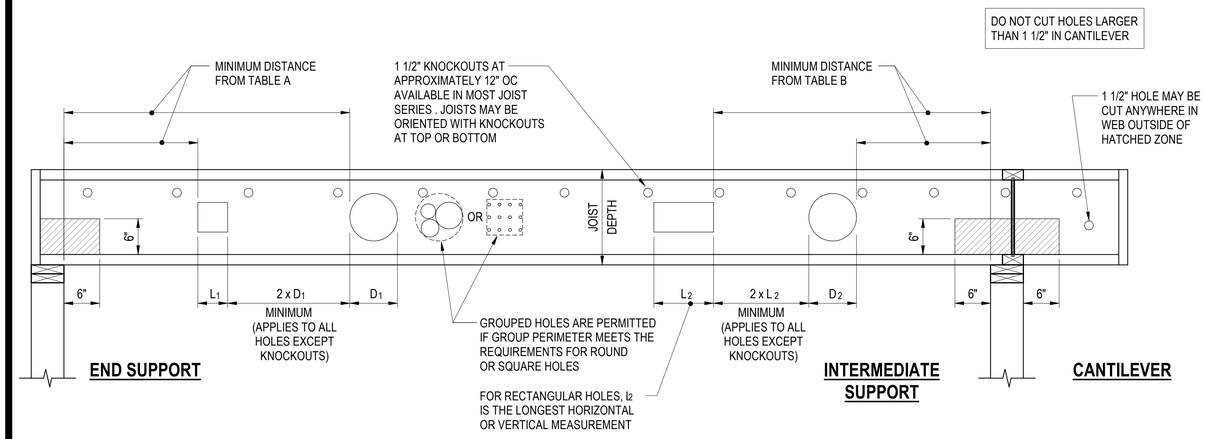


TABLE A - END SUPPORT

MINIMUM DISTANCE FROM EDGE OF HOLE TO INSIDE FACE OF NEAREST END SUPPORT

JOIST DEPTH	JOIST SERIES	ROUND HOLE SIZE						
		2"	4"	6"	8"	10"	12"	14"
		SQUARE OR RECTANGULAR HOLE SIZE						
		1.25"	2.5"	4"	5"	6"	7"	8.5"
18"	I-45 / I-65	1'-0"	1'-0"	2'-6"	3'-6"	4'-6"	6'-0"	9'-0"
20"	I-90HS	2'-0"	4'-0"	6'-0"	8'-0"	9'-6"	11'-6"	14'-0"

TABLE B - INTERMEDIATE OR CANTILEVER SUPPORT

MINIMUM DISTANCE FROM EDGE OF HOLE TO INSIDE FACE OF NEAREST INTERMEDIATE OR CANTILEVER SUPPORT

JOIST DEPTH	JOIST SERIES	ROUND HOLE SIZE						
		2"	4"	6"	8"	10"	12"	14"
		SQUARE OR RECTANGULAR HOLE SIZE						
		1.25"	2.5"	4"	5"	6"	7"	8.5"
18"	I-45 / I-65	1'-0"	1'-0"	1'-0"	2'-6"	5'-0"	8'-0"	12'-0"
20"	I-90HS	2'-0"	5'-0"	7'-6"	10'-6"	13'-6"	16'-0"	19'-6"

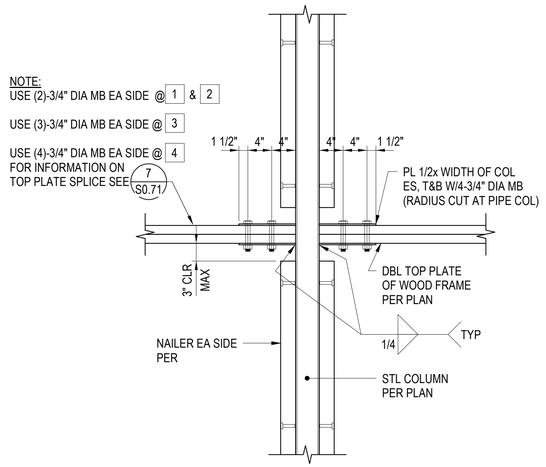
GENERAL NOTES:

1. TABLES ARE BASED ON MAXIMUM ALLOWABLE UNIFORM LOADS. "SHADED CELLS" INDICATE 2000 lb CONCENTRATED LOAD SPREAD OVER TWO JOISTS HAS NOT BEEN CONSIDERED. USE "REDSPEC" SOFTWARE OR CONTACT YOUR REDBUILT TECHNICAL REPRESENTATIVE IF CONCENTRATED LOAD CHECK IS REQUIRED.
2. HOLES MAY BE LOCATED VERTICALLY ANYWHERE IN THE WEB. LEAVE 1/8" OF WEB (MINIMUM) AT TOP AND BOTTOM OF HOLE. **DO NOT CUT JOIST FLANGES.**
3. **DO NOT CUT HOLES IN CANTILEVER WITHOUT CONSULTING YOUR REDBUILT REPRESENTATIVE.**
4. KNOCKOUTS ARE LOCATED IN WEB AT APPROXIMATELY 12" ON-CENTER, THEY DO NOT AFFECT HOLE PLACEMENT.
5. INTERPOLATION BETWEEN HOLE SIZES SHOWN IN THE TABLES IS ALLOWED.

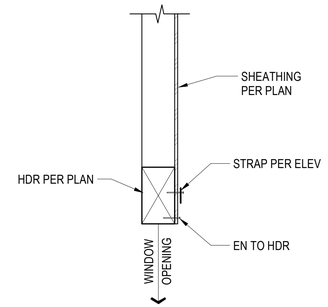
HOW TO USE TABLES A AND B:

1. DETERMINE THE HOLE SHAPE AND SIZE. FOR RECTANGULAR HOLES, USE THE LARGEST DIMENSION. SIZES SHOWN IN THE TABLES ARE HOLE SIZES, NOT DUCT SIZES.
2. DETERMINE THE RED-I JOIST SERIES AND DEPTH.
3. DETERMINE THE TYPE OF SUPPORT ON EACH SIDE OF THE HOLE. IF THE RED-I JOIST IS CONTINUOUS OVER A SUPPORT, USE BOTH TABLES.
4. FIND THE TABLE CELL AT THE INTERSECTION OF THE RED-I JOIST AND THE HOLE.
5. THE MEASUREMENT SHOWN IS THE MINIMUM DISTANCE FROM THE EDGE OF THE HOLE TO THE INSIDE FACE OF THE SUPPORT.
6. MAINTAIN THE MINIMUM REQUIRED DISTANCE FROM **BOTH** SUPPORTS.

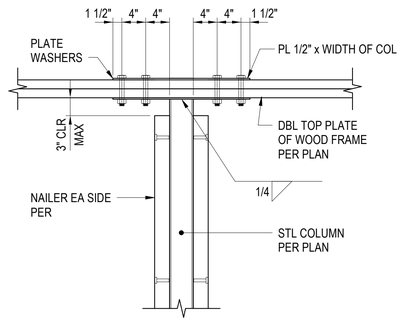
7 / S0.75 RED I-JOIST ALLOWABLE HOLES
NOT TO SCALE



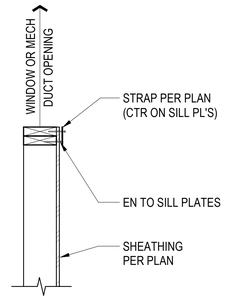
CONDITION COLUMN THRU PLATE



3 / S0.75 STRAP AT HEADER DETAIL
NOT TO SCALE



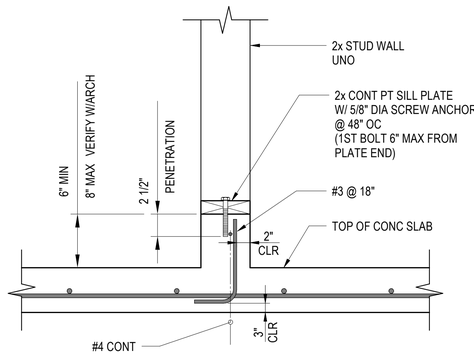
CONDITION TOP OF COLUMN



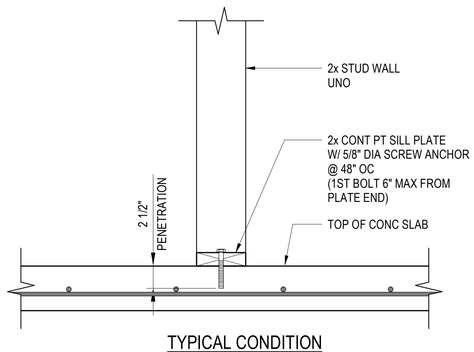
WOOD-SCOL-0003

5 / S0.75 TYPICAL HSS COLUMN AT DOUBLE TOP PLATE
NOT TO SCALE

2 / S0.75 STRAP AT SILL DETAIL
NOT TO SCALE



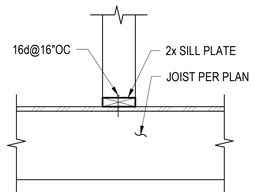
CONDITION WHERE CURB IS REQUIRED AT SHOWER AND TOILET ROOMS



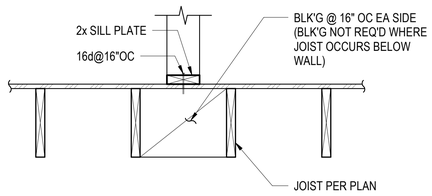
TYPICAL CONDITION

WOOD-FNDN-0006

6 / S0.75 TYPICAL NON-BEARING WALL TO CONC SLAB ON GRADE(WHERE NO SHEAR WALL OCCURS)
NOT TO SCALE

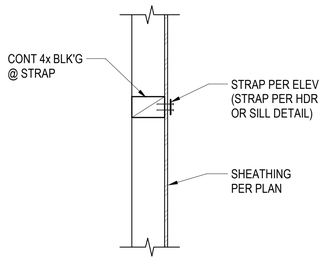


PERPENDICULAR TO JOIST



PARALLEL TO JOIST

4 / S0.75 TYPICAL NON-BEARING WALL TO WOOD FLOOR
NOT TO SCALE



1 / S0.75 STRAP AT CONT BLOCKING DETAIL
NOT TO SCALE

Approved
08/01/2025 3:22:10 PM

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SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
LR	JPR	LR

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REVIEWED 08/26/2025
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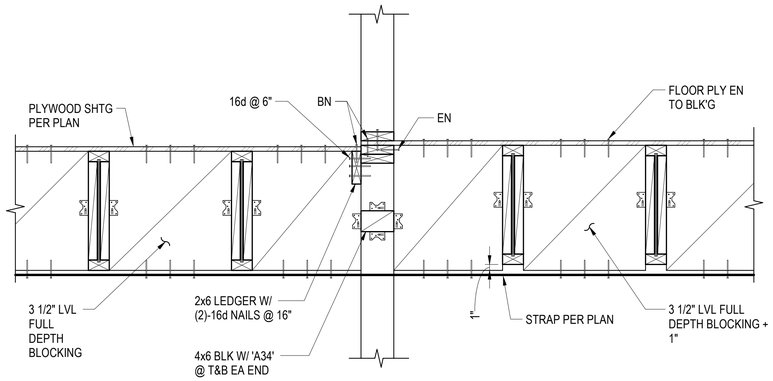
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.75**
SHEET 128 OF 294

SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

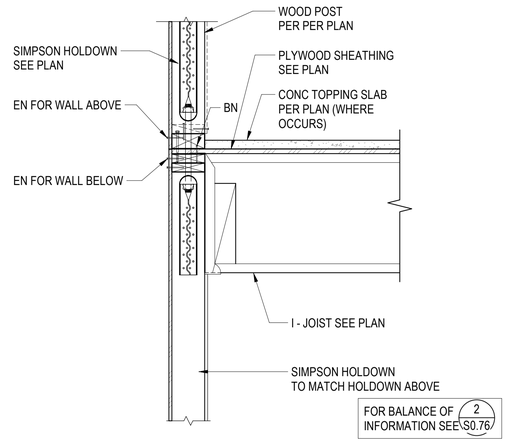
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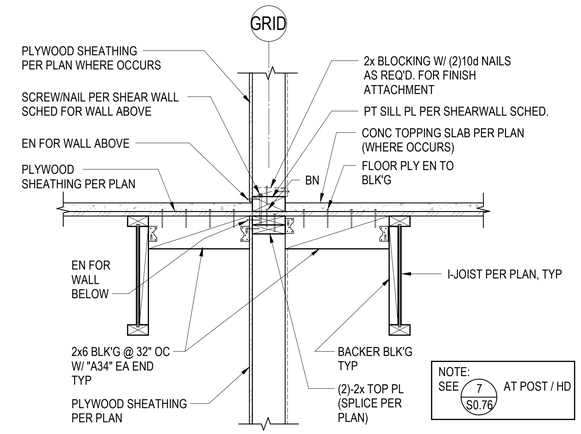


Santee
SO MUCH TO SEE EAST

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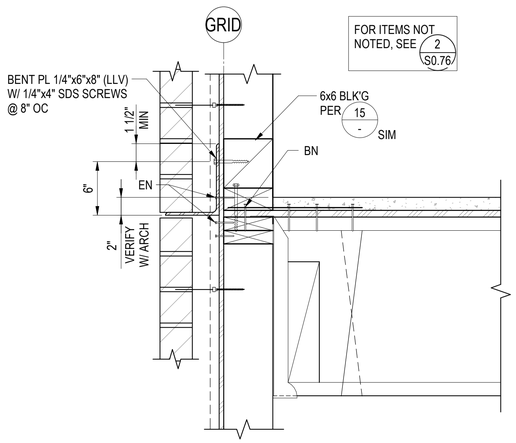


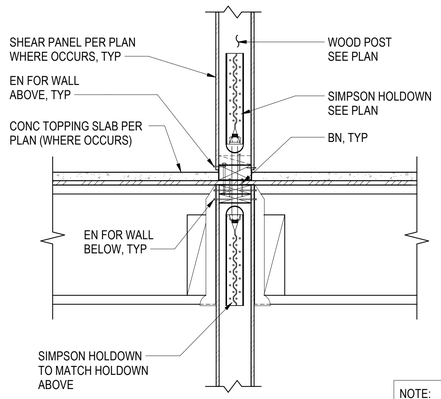


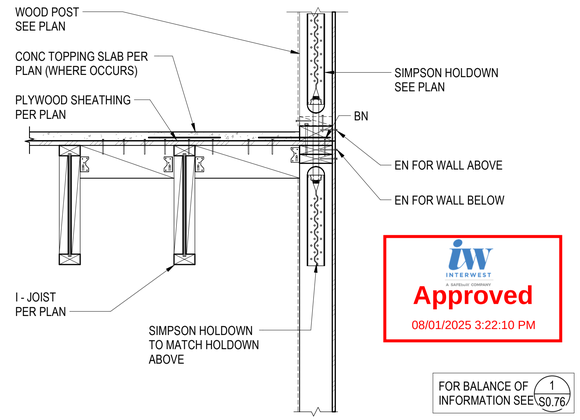
9 / S0.76 DRAG @ DEPRESSED FLOOR DETAIL
NOT TO SCALE

6 / S0.76 TYPICAL EXTERIOR SHEAR WALL PERPENDICULAR TO FLOOR JOISTS - HOLDOWN DETAIL
NOT TO SCALE

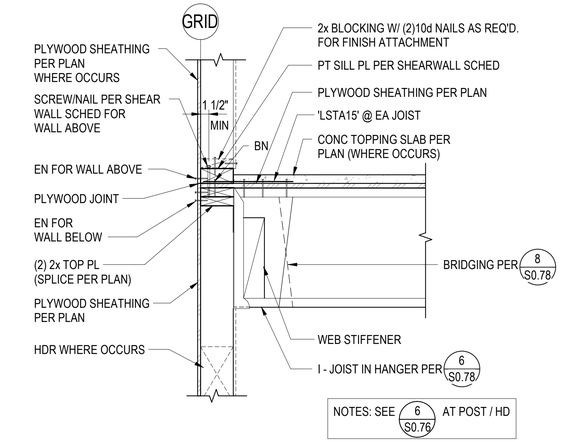
3 / S0.76 TYP INT STUD WALL PARALLEL TO JOIST @ FLOOR
NOT TO SCALE



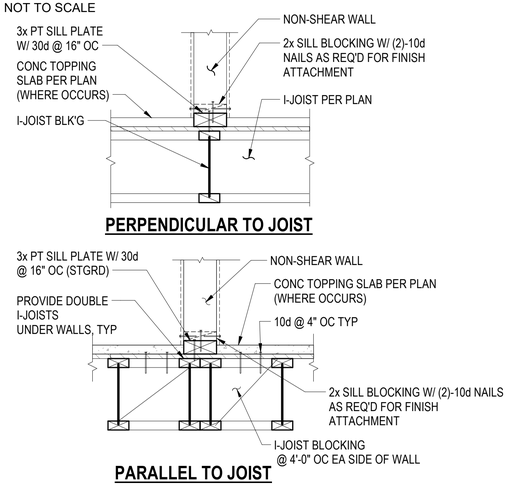




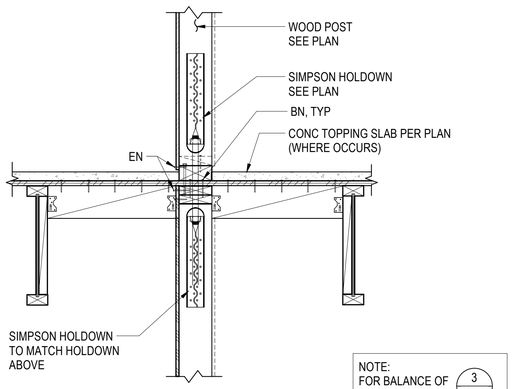
Approved
INTERWEST
A SAFEbuilt COMPANY
08/01/2025 3:22:10 PM



11 / S0.76 LEDGER SUPPORT AT FLOOR
NOT TO SCALE

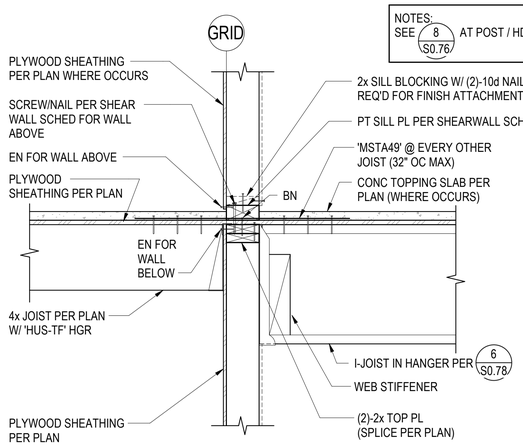


10 / S0.76 TYPICAL PARTITION WALL AT WOOD FLOOR
NOT TO SCALE

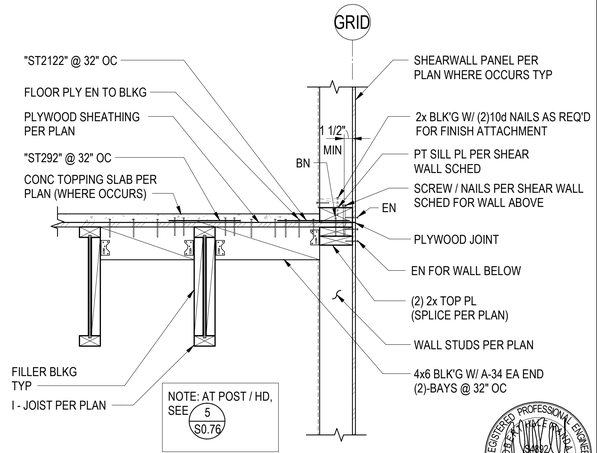


8 / S0.76 TYPICAL INTERIOR SHEAR WALL PERPENDICULAR TO FLOOR JOISTS - HOLDOWN DETAIL
NOT TO SCALE

7 / S0.76 TYPICAL INTERIOR SHEAR WALL PARALLEL TO JOIST - HOLDOWN DETAIL
NOT TO SCALE



4 / S0.76 TYPICAL INTERIOR STUD WALL PERPENDICULAR TO JOIST @ FLOOR
NOT TO SCALE



REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

1 / S0.76 TYP EXTERIOR STUD WALL PARALLEL TO JOIST @ FLOOR
NOT TO SCALE

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.76**
SHEET 129 OF 294

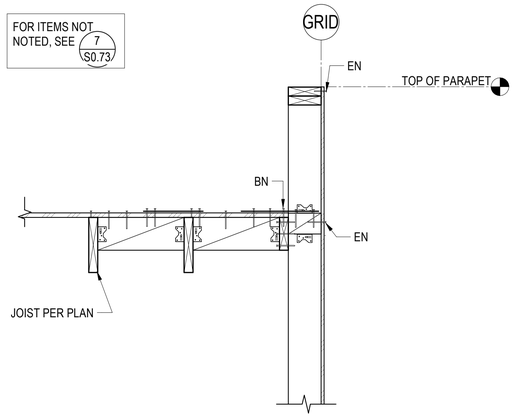
100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

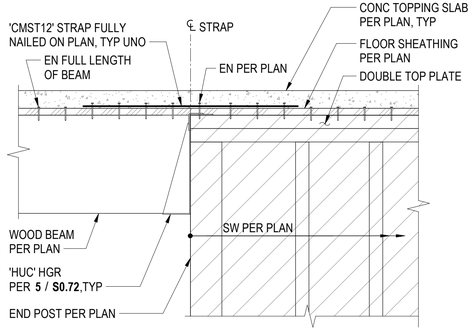
Please Recycle

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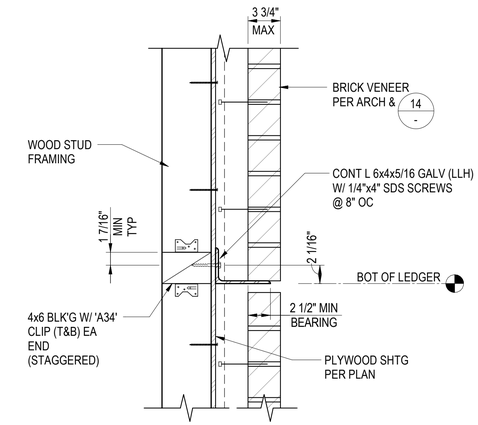
100% CONSTRUCTION DOCUMENTS - 01/12/2024



9 S0.77 EXTERIOR WALL AT PARAPET
NOT TO SCALE

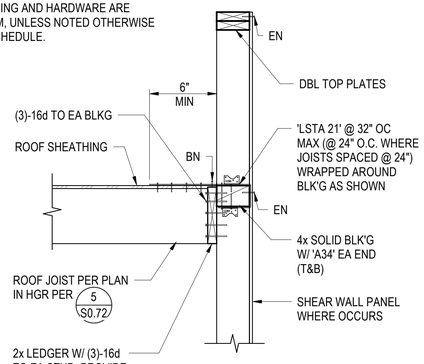


6 S0.77 DRAG DETAIL AT END OF WALL
NOT TO SCALE



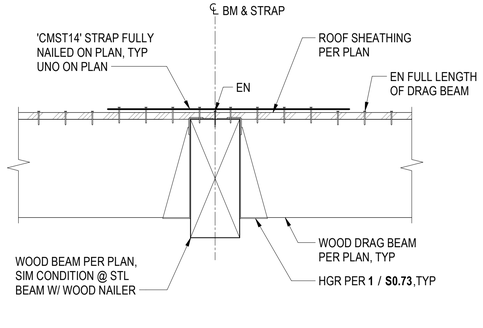
3 S0.77 TYPICAL BRICK VENEER LEDGER SUPPORT CONNECTION AT STUD WALL
NOT TO SCALE

NOTE:
ALL PLATES, BLOCKING AND HARDWARE ARE SHOWN AS MINIMUM, UNLESS NOTED OTHERWISE ON SHEAR WALL SCHEDULE.

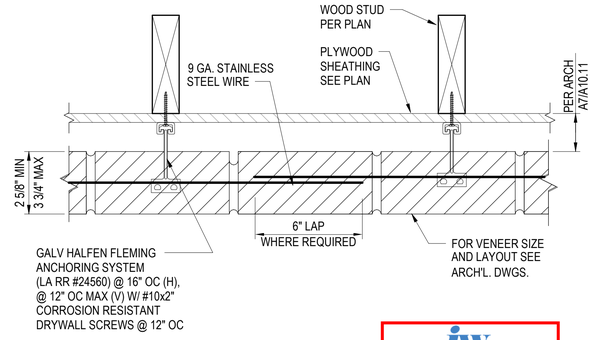


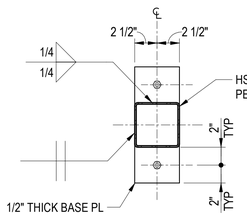
WOOD-SLFL-0011

8 S0.77 TYPICAL EXTERIOR STUD WALL PARAPET PERPENDICULAR TO ROOF JOIST
NOT TO SCALE



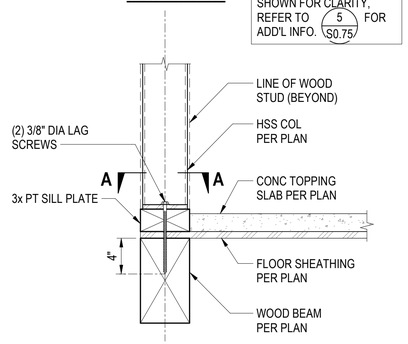
5 S0.77 DRAG DETAIL AT BEAM
NOT TO SCALE



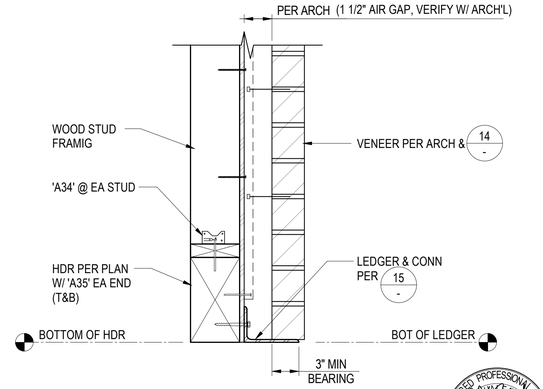


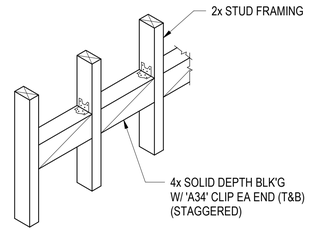
SECTION A-A

NOTE: WOOD NAILERS NOT SHOWN FOR CLARITY, REFER TO 5 S0.75 FOR ADD'L INFO.



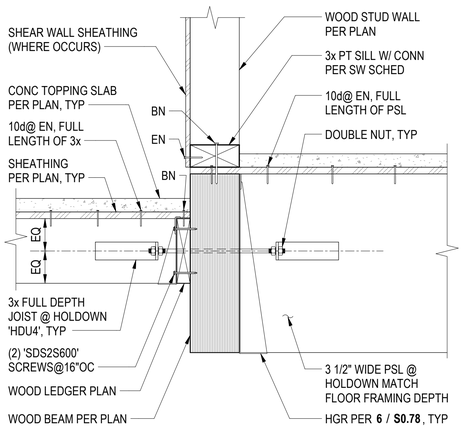
2 S0.77 TYPICAL VENEER TO WOOD STUD CONNECTION
NOT TO SCALE





EQUIPMENT WEIGHT UNDER 100 LBS (AND FIXTURES)

10 S0.77 BACKING FOR WALL SUPPORTED ITEMS
NOT TO SCALE



AT WOOD BEAM

7 S0.77 TENSION TIES @ EXTERIOR DECK DETAIL
NOT TO SCALE

4 S0.77 HSS COL AT SECOND FLOOR BEAM
NOT TO SCALE

1 S0.77 TYPICAL AT HEADER VENEER SUPPORT
NOT TO SCALE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST A NATIONAL COMPANY
Approved
08/01/2025 3:22:10 PM

REGISTERED PROFESSIONAL ENGINEER ★ PAUL H. RANDALL ★ S4892 ★ EXP. 12/31/26 ★ STRUCTURAL ★ STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

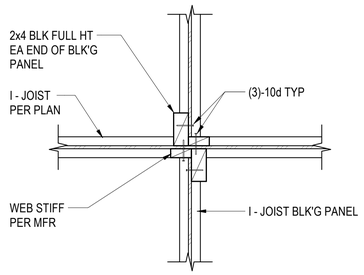
CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

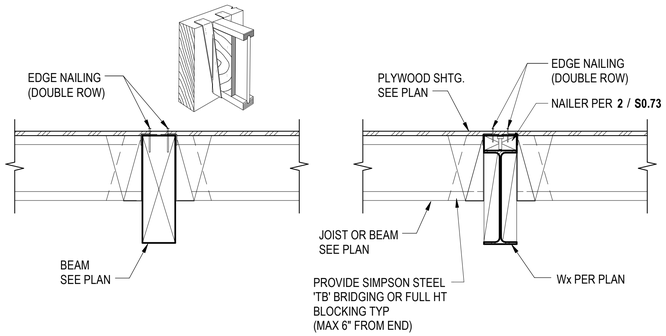
DRAWING NO. **S0.77**
SHEET 130 OF 294

SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

Please Recycle

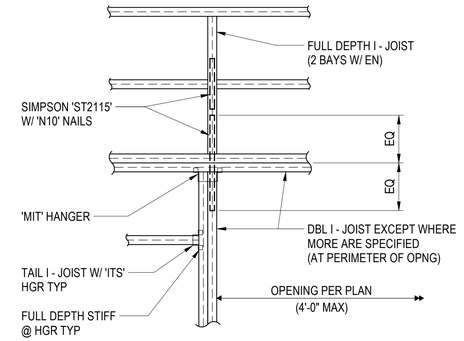


PLAN VIEW



HANGER SCHEDULE		
MEMBER	HANGER TYPE	REMARKS
I - JOIST	SIMPSON "HIT" HANGER	U.N.O. ON PLAN
DBL I - JOIST	SIMPSON "B" HANGER	U.N.O. ON PLAN
GLB	SIMPSON "HW" HANGER	U.N.O. ON PLAN

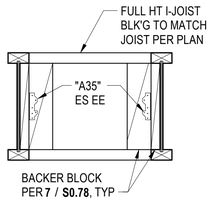
NOTE:
COUNTERSINK NUT FOR STUD BOLTS JUST ENOUGH SO TOP OF NUT IS FLUSH WITH BOTTOM OF SHEATHING +/-1/16".



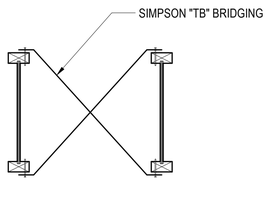
PLAN VIEW

9 / S0.78 BLOCKING PANEL TO I-JOIST CONNECTION
NOT TO SCALE

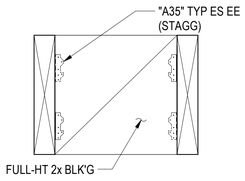
NOTE: PROVIDE BLOCKING/BRIDGING PER PLAN NOTED WITH THE SYMBOL



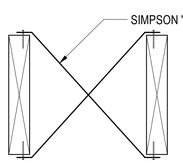
I - JOIST BLOCKING



I - JOIST BRIDGING



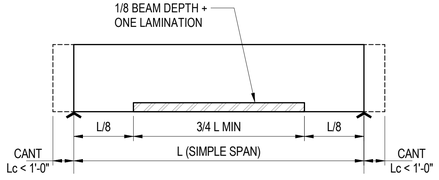
SAWN LUMBER BLOCKING



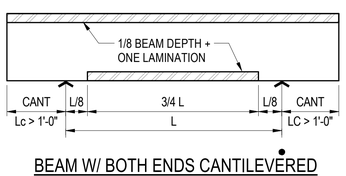
SAWN LUMBER BRIDGING

8 / S0.78 TYPICAL BLOCKING / BRIDGING DETAILS
NOT TO SCALE

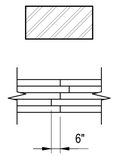
6 / S0.78 TYPICAL I - JOIST/BEAM HANGER SCHEDULE (AT WOOD BEAM)
NOT TO SCALE



SIMPLE SPAN BEAM
UNIFORM LOAD



BEAM W/ BOTH ENDS CANTILEVERED



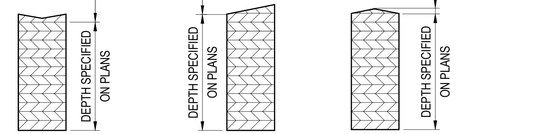
CROSS HATCHED AREA:
PORTION(S) OF BEAM WHERE THERE SHALL BE 6" MIN END JOINT SPACING IN ADJACENT.

LAMINATIONS: PER VOLUNTARY PRODUCT STANDARDS PS 56
ANSI A 190.1 - 2012 ASTM D3737

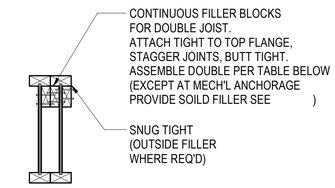
5 / S0.78 SPACING OF END JOINTS IN LAMINATIONS IN GLU-LAM BEAMS
NOT TO SCALE

3 / S0.78 I-JOIST SUPPORT AT OPENINGS
NOT TO SCALE

NOTE:
ALL STRUCT GLU-LAM TIMBER SHALL BE CONT INSPECTED DURING FABRICATION BY A GLUE FABRICATION INSPECTOR SPECIALLY APPROVED FOR THAT PURPOSE BY THE GOVERNING CODE AUTHORITY. AN AITC CERTIFICATE WILL NOT MEET THIS REQUIREMENT.



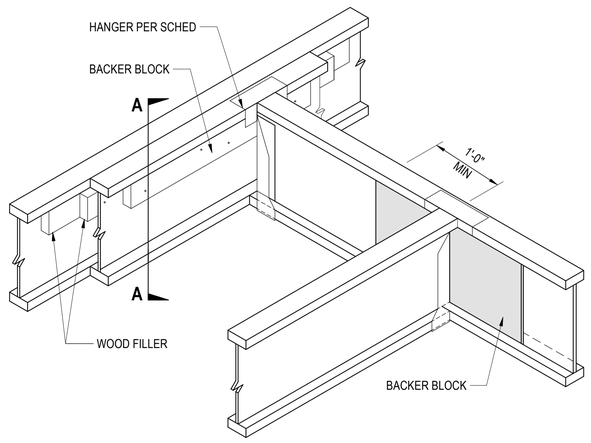
2 / S0.78 SHAPED GLU-LAM BEAMS
NOT TO SCALE

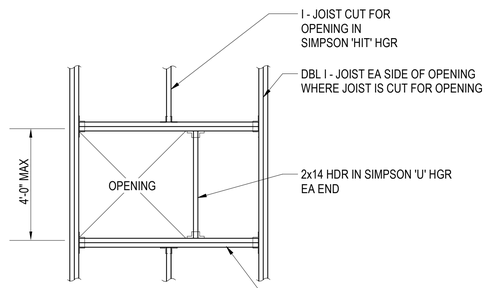


SECTION A-A

CONTINUOUS FILLER FOR DOUBLE JOIST				
JOIST SERIES	WOOD FILLER	FASTENERS (PER FILLER)	BACKER BLOCK *	FASTENERS (PER BLOCK)
I-90 OR I-90HS	(2)- 1 1/2"x3 1/2"	12d (0.131"x3 1/4" 2-ROWS @ 6" OC	1 1/2"x7 1/4"	(12)-10d
I-65	(2)- 1"x3 1/2" PWD OR OSB	12d (0.131"x3 1/4" 2-ROWS @ 6" OC	1"x5 1/2"	(12)-10d
* MINIMUM DEPTH OF ALL JOISTS FILLERS TO BE 3 1/2"				
** AT OUTSIDE FILLER USE 1 PIECE (12" MINIMUM LENGTH WITH (6) NAILS MINIMUM)				

7 / S0.78 DOUBLE I - JOIST FILLER & BACKER DETAIL
NOT TO SCALE

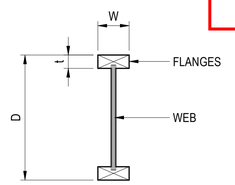




NOTE:
1) NO MORE THAN 2 - TJI'S SHALL BE CUT AT AN OPENING.
2) PROVIDE ROOF EDGE NAILING TO ALL EDGES OF OPENINGS.

WOOD-GENL-0004

4 / S0.78 TYPICAL I - JOIST FRAMING @ OPENING GREATER THAN 24"
NOT TO SCALE



I - JOIST PROPERTIES (OR BLK'G)

DEPTH D	FLANGE t x W	SERIES	ALLOWABLE SHEAR *	ALLOWABLE MOMENT *	EI
18"	1.5x2.5	I-65	3080 lbs	10,380 (FT - LBS)	1205 x 10^6 (in^2 - lbs)
20"	2.5x3.5	I-90HS	3250 lbs	28,695 (FT - LBS)	3195 x 10^6 (in^2 - lbs)

FLANGE MATERIAL: LAMINATED VENEER LUMBER (LVL)
WEB MATERIAL: ORIENTED STRAND BOARD (OSB)

* TABULATED VALUES SHOWN ARE 100% OF ICC-ESR-#2994

1 / S0.78 WOOD I - JOIST PROFILE
NOT TO SCALE

Santee
GO HERE • DO EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A Spartan Company
Approved
08/01/2025 3:22:10 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.78** SHEET 131 OF 294

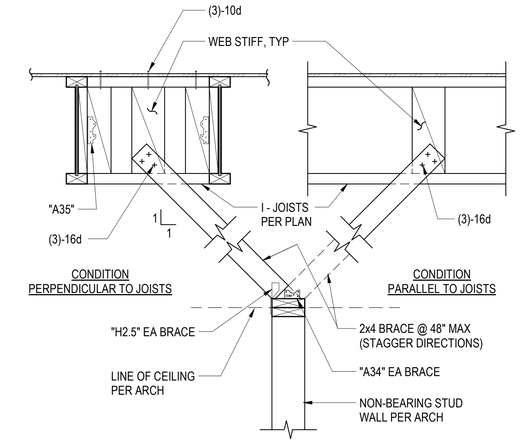
100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - TYPICAL I - JOIST DETAILS

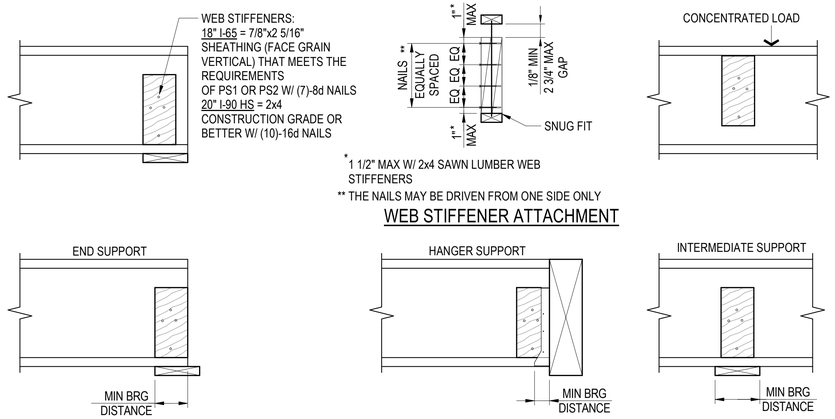
Please Recycle

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:10 PM



2 S0.79 TYPICAL NON-BEARING WALL BRACING
NOT TO SCALE



1 S0.79 WEB STIFFENER AT CONCENTRATED LOAD
NOT TO SCALE

NOTES:
1. WEB STIFFENERS SHALL BE INSTALLED AT BEARING POINTS.
2. WEB STIFFENERS SHALL BE INSTALLED AT POINTS OF CONCENTRATED LOADS GREATER THAN 1500 POUNDS.
3. WEB STIFFENERS ARE TO BE INSTALLED ON EACH SIDE OF THE WEB, AS SHOWN, WITH NAILS EQUALLY SPACED VERTICALLY.
4. A GAP SHALL BE LEFT AT THE TOP OF WEB STIFFENERS AS SHOWN AT ALL BEARING CONDITIONS. IN THE CASE OF CONCENTRATED LOADS, WEB STIFFENERS ARE REQUIRED AS SHOWN AND THE GAP SHALL BE AT THE BOTTOM.
5. WEB STIFFENER MATERIAL SHALL BE SHEATING MEETING THE REQUIREMENTS OF PS-1 OR PS-2 WITH THE FACE GRAIN PARALLEL TO THE LONG AXIS OF THE STIFFENER.
6. SOME HANGERS REQUIRE WEB STIFFENERS TO COMPLY WITH NAILING REQUIREMENTS THROUGH SIDE PLATES.
7. IF WEB STIFFENERS ARE NOT USED IN HANGER SUPPORT, THE SIDES OF THE HANGER SHALL EXTEND UP TO LATERALLY SUPPORT THE TOP FLANGE.
8. WEB STIFFENER SIZE AND GRADE PER WEB I - JOIST MANUFACTURER'S RECOMMENDATIONS.

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

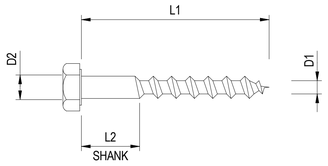
CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.79** SHEET 132 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - TYPICAL I - JOIST DETAILS

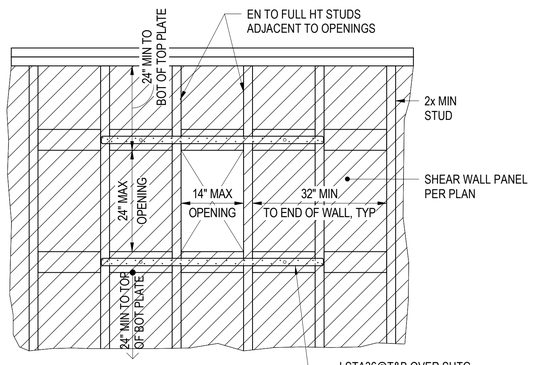
Please Recycle



INSTALLATION SEQUENCE

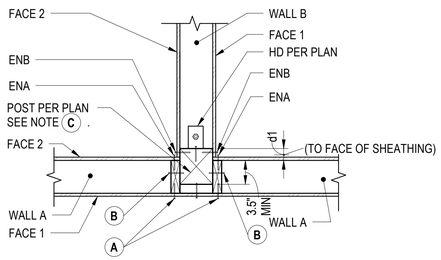
1. DRILL LEAD HOLE 60 - 70% OF D2 FOR DISTANCE OF L1.
2. DRILL CLEARANCE HOLE OF DIAMETER D2 FOR DISTANCE OF L2.
3. THREADED PORTION SHALL BE INSATLLED IN LEAD HOLE BY TURNING WITH WRENCH. DRIVING WITH HAMMER SHALL NOT BE PERMITTED.
4. RETIGHTEN SCREWS BEFORE FINAL CLOSING IN.

5 / S0.81 LAG SCREW INSTALLATION PROCEDURE
NOT TO SCALE

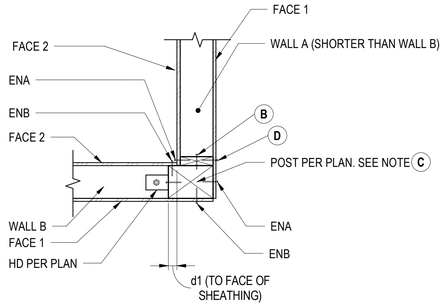


NOTE:
1. MIN DISTANCE BETWEEN ADJACENT OPENINGS SHALL BE 48"
2. NO MORE THAN 1 OPENING IS ALLOWED IN A WALL 10'-0" LONG
3. NO MORE THAN 2 OPENING ARE ALLOWED IN ANY SHEAR WALL

4 / S0.81 TYPICAL ELEVATION AT SMALL OPENING IN SHEAR WALL
NOT TO SCALE



Y INTERSECTION CONDITION



X CORNER CONDITION

ENA = EDGE NAILING AS SCHEDULE FOR WALL A, WHERE OCCURS
ENB = EDGE NAILING AS SCHEDULE FOR WALL B, WHERE OCCURS

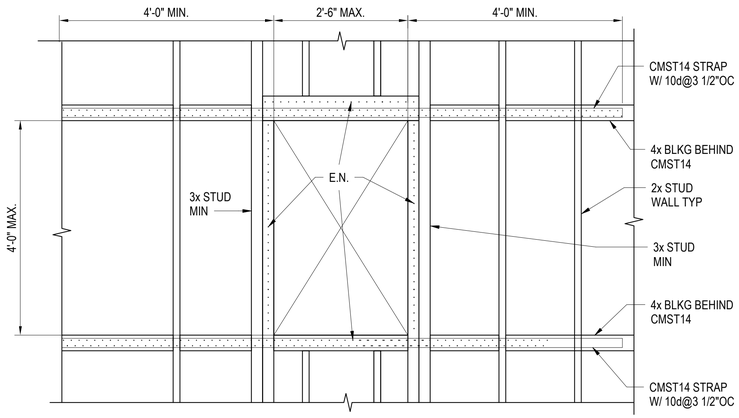
A 10d @ 6"OC EA STUD. OMIT IF THERE IS NO WALL A, FACE 1 TYP.

B IF WALL A DOES NOT HAVE SHEATHING ON FACE 2, USE 2x STUD WITH 10d NAILS @ 6"OC STAGGERED
IF ENA IS 3" OR MORE, USE 2x STUD WITH 16d NAILS AT SPACING TO MATCH ENA
IF ENA IS 2" OR LESS, USE 3x STUD WITH (2) STAGGERED ROWS OF SIMPSON SDWS OR SDWH SCREWS @ 8"OC (4"OC AVERAGE SPACING)

C MIN SIZE OF POST SHALL BE AS SHOWN ON PLANS / SCHEDULE. ENLARGE SIZE AS REQUIRED TO ACHIEVE THE FOLLOWING:
. d1 = 1 1/2" MIN IF ENB SPACING IS 3" OR MORE
. d1 = 2 1/2" MIN IF ENB SPACING IS 2" OR LESS

D 10d @ 6"OC

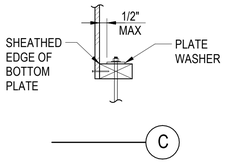
3 / S0.81 TYPICAL SHEAR WALL STUD WALL FRAMING AT INTERSECTIONS (PLAN VIEW)
NOT TO SCALE

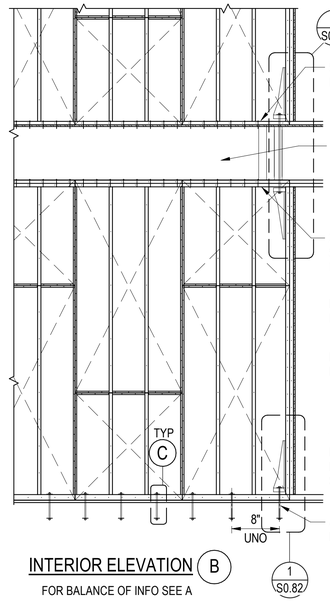


* PRIOR TO USING DETAIL - NOTIFY SEOR

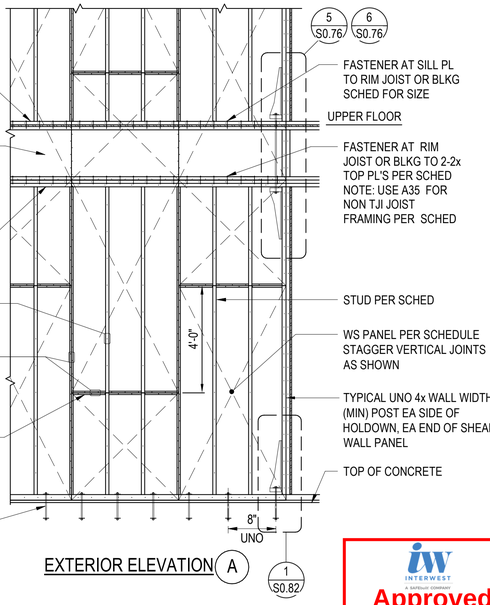
2 / S0.81 TYPICAL FRAMING AT SHEAR WALL OPENINGS
NOT TO SCALE

WOOD-SHWL-0004





INTERIOR ELEVATION B
FOR BALANCE OF INFO SEE A



EXTERIOR ELEVATION A

WOOD STRUCTURE (WS) PANEL SHEAR WALL SCHEDULE

SHEAR WALL MARK	NO. OF SIDES OF SHTG	ASD DESIGN SHEAR	STRUCT'L I WSP THICKNESS	SILL PLATE SIZE (6)	STUD AND BLK'G SIZE AT ADJOINING PANEL EDGES (5)	ANCHORS AT SILL PLATE TO CONCRETE SLAB OR WALL (13)	WS PANEL NAILING (3)	FASTENER AT (7) & (8) SILL PL TO RIM JOIST OR BLOCKING MIN PENETRATIONS SHOWN ARE INTO JOIST / OR BLOCK / TOP PL	A35/LTP-4 AT RIM JOIST OR BLOCKING TO DBL TOP PLATE	REMARKS
A	1	340 PLF	1/2"	2x6	2x6	5/8" DIA @ 32" OC AB W/ 1/4"x3"x4 1/2" WASHER PL	10d @ 6" OC EDGE NAILING (EN) 10d @ 12" OC FIELD NAILING (FN)	SIMPSON SDWS: 1/4 DIA W/ 2 3/4" MIN PENET @ 12" OC	16" OC	
B	1	510 PLF	1/2"	3x6	3x6	5/8" DIA @ 16" OC AB W/ 1/4"x3"x4 1/2" WASHER PL	10d @ 4" OC EDGE NAILING (EN) 10d @ 12" OC FIELD NAILING (FN)	SIMPSON SDWS: 1/4" DIA W/ 2 3/4" MIN PENET @ 12" OC	9" OC	
C	1	665 PLF	1/2"	3x6	3x6	5/8" DIA @ 16" OC AB W/ 1/4"x3"x4 1/2" WASHER PL	10d @ 3" OC EDGE NAILING (EN) 10d @ 12" OC FIELD NAILING (FN)	SIMPSON SDWS: 1/4" DIA W/ 2 3/4" MIN PENET @ 8" OC	6" OC	
D	1	870 PLF	1/2"	3x6	3x6	5/8" DIA @ 16" OC AB W/ 1/4"x3"x4 1/2" WASHER PL	10d @ 2" OC EDGE NAILING (EN) 10d @ 12" OC FIELD NAILING (FN)	SIMPSON SDWS: 1/4" DIA W/ 2 3/4" MIN PENET @ 8" OC	BOTH SIDES @ 12" OC (STAG)	
E	2	1020 PLF	1/2"	3x6	3x6	5/8" DIA @ 16" OC AB W/ 1/4" WASHER PL	10d @ 4" OC EDGE NAILING (EN) 10d @ 12" OC FIELD NAILING (FN)	SIMPSON SDWS: 1/4" DIA W/ 2" MIN PENET @ 6" OC - STAGGERED	BOTH SIDES @ 9" OC (STAG)	
F	2	1320 PLF	1/2"	3x6	3x6	3/4" DIA @ 16" OC AB W/ 5/16" WASHER PL	10d @ 3" OC EDGE NAILING (EN) 10d @ 12" OC FIELD NAILING (FN)	SIMPSON SDWS: (2) ROWS 1/4" DIA W/ 2 3/4" MIN PENET @ 8" OC (4" SPACING BETWEEN ROWS 1 7/16" MIN EDGE DISTANCE)	BOTH SIDES @ 6" OC (STAG)	
G	2	1740 PLF	1/2"	3x6	3x6	3/4" DIA @ 12" OC AB W/ 5/16" WASHER PL	10d @ 2" OC EDGE NAILING (EN) 10d @ 12" OC FIELD NAILING (FN)	SIMPSON SDWS: (2) ROWS 1/4" DIA W/ 2 3/4" MIN PENET @ 8" OC (4" SPACING BETWEEN ROWS 1 7/16" MIN EDGE DISTANCE)	BOTH SIDES @ 6" OC (STAG)	

SHEAR WALL SCHEDULE NOTES:

1. FOR REMAINDER OF INFORMATION SEE ROUGH CARPENTRY AND TIMBER SPECIFICATIONS NOTES SECTION OF GENERAL NOTES.
2. LOCATE FIRST ANCHOR BOLT 9" MAXIMUM FROM ENDS OF SILL PLATE.
3. ALLOWABLE SHEAR WALL CAPACITIES GREATER THAN 350 PLF REQUIRE:
   (A) 3x FRAMING MEMBERS AT BOTTOM SILL PLATE AND ADJOINING HORIZONTAL AND VERTICAL PANEL EDGES.
   (B) NAILS SHALL BE PLACED NOT LESS THAN 3/8 INCH FROM EDGES OF 2x FRAMING MEMBERS AND NOT LESS THAN 1/2 INCH FROM PANEL EDGES FOR 3x.
   (C) STRUCTURAL OBSERVATION BY A LICENCED ENGINEER OR ARCHITECT.
4. ALL PLYWOOD SHALL BE STR1 4 PLY MINIMUM AND HAVE A PLYWOOD INDEX OF 32/16.
5. INCLUDES ALL FRAMING MEMBERS RECEIVING EDGE NAILING FROM ABUTTING PANELS.
6. USE 3x SILL PLATE @ FOUNDATION.
7. LAG SCREW PENETRATION SHALL BE PROVIDED AS SHOWN ON DETAILS.
   (A) LAG SCREW INSTALLATION PER 5 / S0.81
8. A) NAILS SHALL BE STAGGERED AT ADJACENT HORIZONTAL AND VERTICAL PANEL EDGES WHERE 10d NAILS ARE PLACED 4 INCHES OR LESS ON CENTER.
   B) ALL LAG SCREWS/NAILS INTO TJI BLOCKING TOP FLANGE SHALL BE STAGGERED EITHER SIDE OF JOIST WEB. SEE FASTENER STAGGER (WHERE OCCURS).



SPACING PER SCHED

9. ALL PLYWOOD EDGES SHALL BE BLOCKED WITH 3x MEMBERS
10. ALL NAILS APPLIED TO PRESSURE TREATED SILL SHALL BE GAVANIZED.
11. LAG SCREWS ONLY ALLOWED INTO FACE OF LVL FLANGE OF TJI BLOCKING. LAG SCREWS SHALL NOT BE USED INTO EDGE OF LSL RIM JOIST OR BLOCKING.
12. SPECIAL INSPECTION IS REQUIRED FOR ALL SHEAR WALLS.
13. THE HOLE IN THE PLATE WASHER SHALL BE PERMITTED TO BE DIAGONALLY SLOTTED WITH A WIDTH OF UP TO 3/16" LARGER THAN THE BOLT DIAMETER AND A SLOT LENGTH NOT TO EXCEED 1 3/4", PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE PLATE WASHER AND THE NUT. THE PLATE WASHER SHALL EXTEND TO WITHIN 1/2" OF THE EDGE OF THE BOTTOM PLATE ON THE SIDE(S) WITH SHEATHING. SEE DETAIL C.

1 / S0.81 TYPICAL SHEAR WALL SCHEDULE AND ELEVATION
NOT TO SCALE

WOOD-SHWL-0001

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A DIFFERENCE COMPANY
Approved
08/01/2025 3:22:10 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

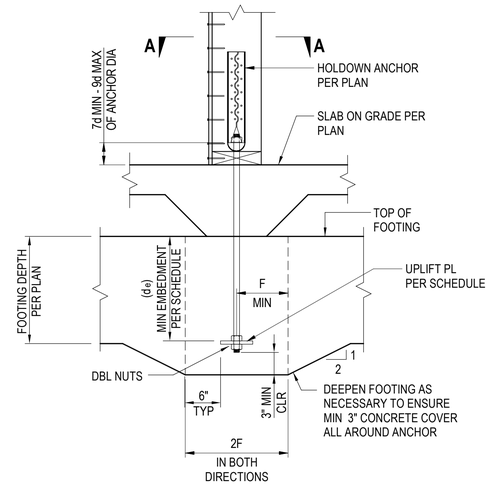
CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.81**
SHEET 133 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - TYPICAL SHEAR WALL DETAILS

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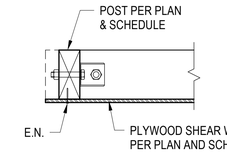
SECTION

Santee
DO MORE • BID FAST

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug** 2**2**, 202**5**

iw INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:10 PM



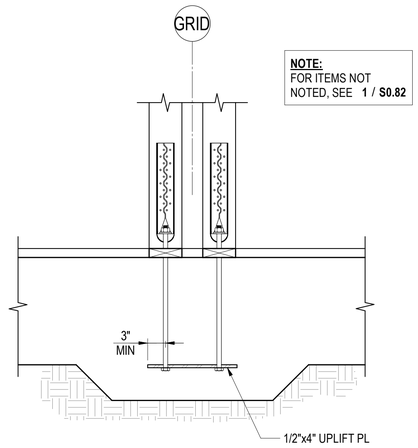
NOTE:
1. INSPECTION IS REQUIRED FOR ANCHOR BOLT PLACEMENT PRIOR TO POURING CONCRETE.
2. FOR HOLDOWN AT SECOND FLOOR SEE DETAILS ON SHEET**S0.76**

PLAN VIEW A-A

INSTALLATION REQUIREMENTS FOR SIMPSON "HDU" HOLDOWNS:

INSTALL EACH HOLDOWN TAKING INTO ACCOUNT EACH OF THE FOLLOWING PRECAUTIONARY MEASURES DESIGNED TO LIMIT SHEAR WALL DEFLECTION:

A. LIMIT AMOUNT OF OVERSIZED HOLE IN WOOD MEMBER FOR ANCHOR BOLT TO 1/32" GREATER THAN BOLT DIAMETER.
B. ENSURE BOLT HOLES ARE DRILLED PERPENDICULAR TO MEMBER.
C. ENSURE NUT IS TIGHTENED PRIOR TO PLACING SHEATHING OR FINISH. INSPECTOR TO VERIFY. DO NOT OVERTIGHTEN WHICH MAY SPLIT WOOD MEMBERS. SPLIT MEMBERS SHALL BE REMOVED and REPLACED. ACCEPTABLE TORQUE AT ANCHOR BOLT NUTS IS FINGER-TIGHT PLUS 1/2 TURN.
D. PROVIDE STEEL NYLON LOCKING NUT OR A THREAD ADHESIVE ON ANCHOR BOLT TO RESTRAIN NUT.



2 / S0.82 UPLIFT PLATE AT DOUBLE WALL
NOT TO SCALE

SIMPSON HOLDOWN SCHEDULE

SIMPSON HOLDOWN	ANCHOR BOLT DIA (ASTM F1554 GRADE 36)	UPLIFT PLATE	MINIMUM EMBEDMENT (d_e)	SCREWS OR BOLT SIZE AND QUANTITY TO POST	ALLOW HDU CAPACITY (KIPS)	F (in)
HDU2	5/8"	1/2" x 4" SQ.	8"	(6)-SDS 1/4" x 2 1/2"	3.08	10
HDU5	5/8"	1/2" x 4" SQ.	8"	(14)-SDS 1/4" x 2 1/2"	5.65	10
HHDQ11	1"	5/8" x 4" SQ.	12"	(24)-SDS 1/4" x 2 1/2"	11.81	16
HDU14	1"	5/8" x 4" SQ.	12"	(36)-SDS 1/4" x 2 1/2"	14.45	16
HD19	1 1/4"	3/4" x 4" SQ.	14"	(5)-1" DIA MB	19.07	21

1 / S0.82 TYPICAL HOLDOWN SCHEDULE AND DETAIL
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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HORIZ: 1" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

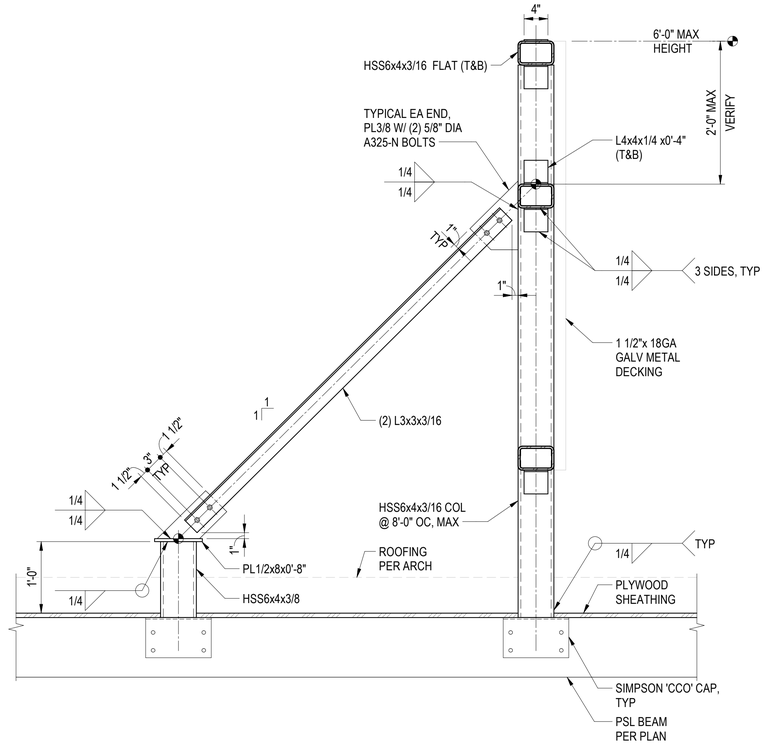
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.82**

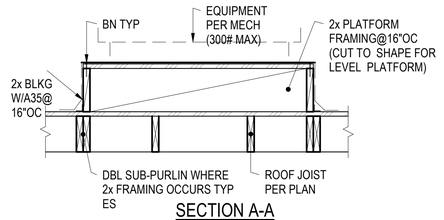
SHEET 134 OF 294

SANTEE COMMUNITY CENTER - TYPICAL SHEAR WALL DETAILS

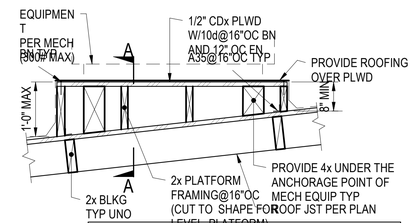
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4 S0.91 TYPICAL MECHANICAL SCREEN WALL SUPPORT DETAIL
NOT TO SCALE

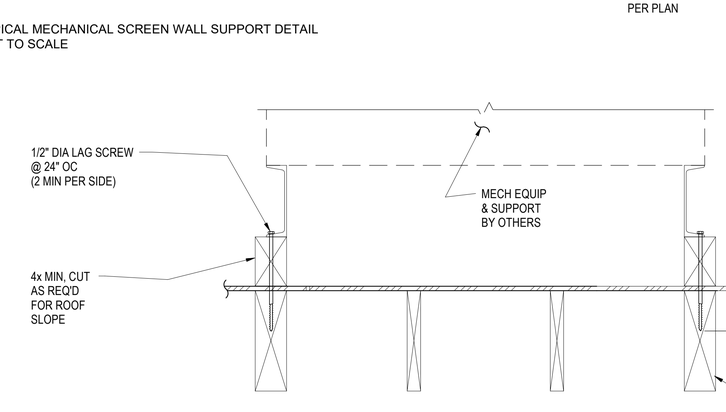


SECTION A-A



NOTES:
1. SEE PLANS FOR WEIGHTS.
2. FOR PLATFORM REQUIREMENTS COORDINATE W MECH.

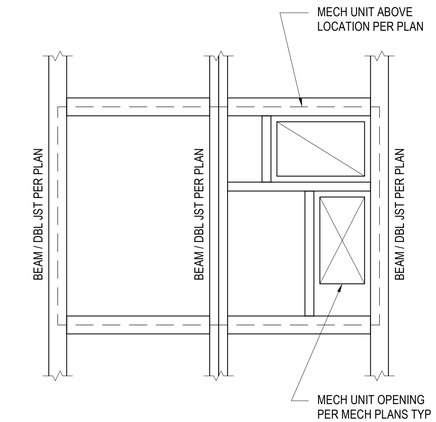
2 S0.91 TYPICAL MECHANICAL UNIT ANCHORAGE DETAIL
NOT TO SCALE



TYPICAL CONDITION

CONDITION AT DBL I - JOIST

3 S0.91 TYPICAL MECHANICAL UNIT PLATFORM DETAIL
NOT TO SCALE



NOTE
1. PROVIDE EDGE NAILING OF ROOF DIAPHRAGM TO ALL EDGES OF OPENINGS.
2. PROVIDE HANGER PER SCHEDULE.

1 S0.91 TYPICAL ROOF FRAMING AT MECHANICAL UNIT AT OPEN ROOF
NOT TO SCALE

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Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A RATHSUM COMPANY
Approved
08/01/2025 3:22:10 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

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REVIEWED 08/26/2025
BY PROJECT ENGINEER

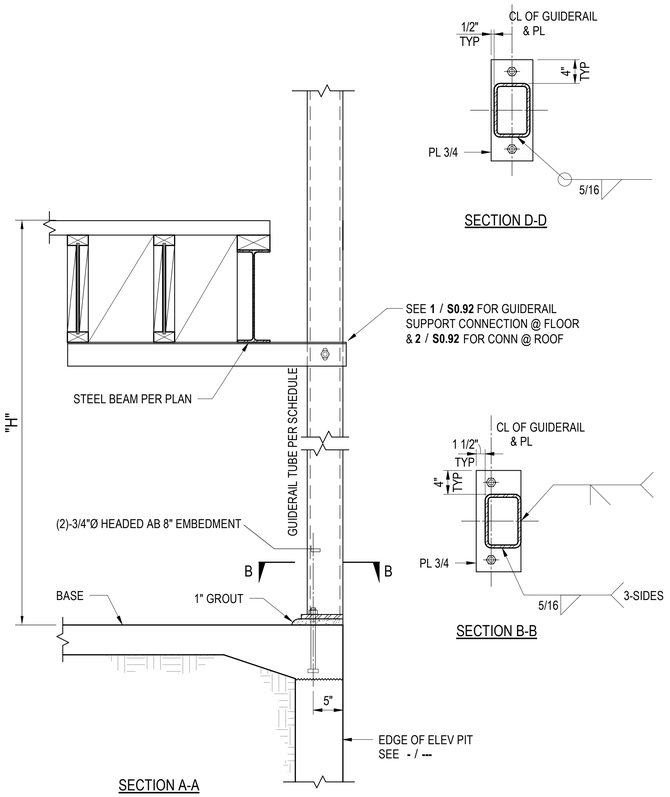
CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
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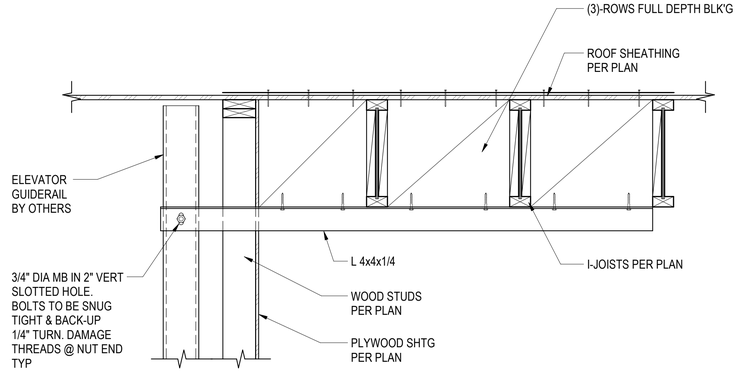
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.91**
SHEET 135 OF 294

SANTEE COMMUNITY CENTER - MISCELLANEOUS DETAILS

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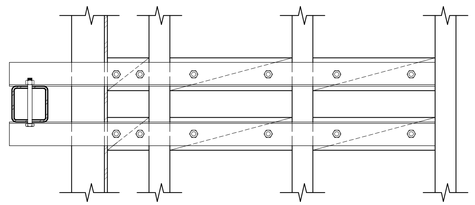




2 / S0.92 ELEVATOR GUIDERAIL SUPPORT @ ROOF
NOT TO SCALE

Santee
DO MORE • DUE EAST
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Reviewed by: ASadre
Date: Aug 22, 2025

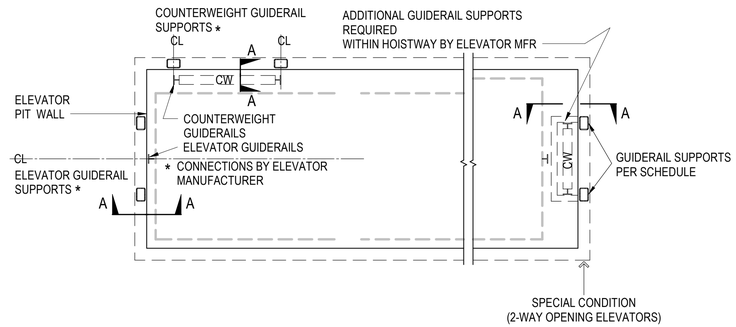
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08/01/2025 3:22:10 PM



HEIGHT "H"	HSS STEEL SUPPORT SIZE	
	3500# CAR	2000# CAR
16'-0" MAX	(2) HSS 6x6x1/2	(2) HSS 6x6x1/2

ELEVATOR AND COUNTERWEIGHT GUIDERAIL SUPPORT SCHEDULE

NOTE:
1. LONG DIMENSION OF TUBE IS PARALLEL TO SHAFT WALL

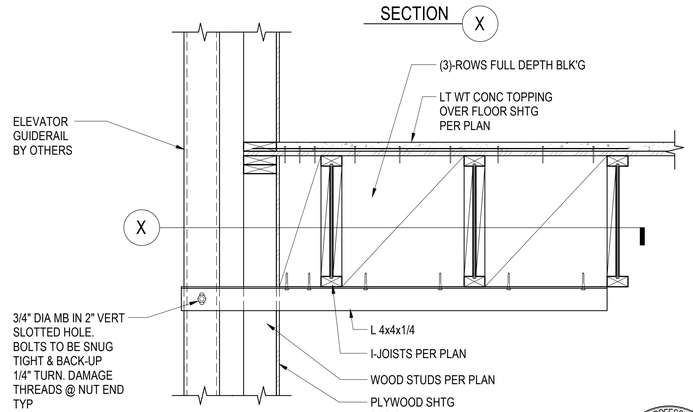


* WHERE FLOOR HT >14'. CONTRACTOR TO COORDINATE LOCATION OF GUIDERAIL SUPPORTS W/ SELECTED ELEVATOR MFR.

SCHEMATIC ELEVATOR PLAN AT BASE (KEY PLAN)

3 / S0.92 TYPICAL ELEVATOR GUIDERAIL AND COUNTERWEIGHT GUIDERAIL SUPPORT DETAIL
NOT TO SCALE

SECTION X



1 / S0.92 ELEVATOR GUIDERAIL SUPPORT @ FLOOR
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. 4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

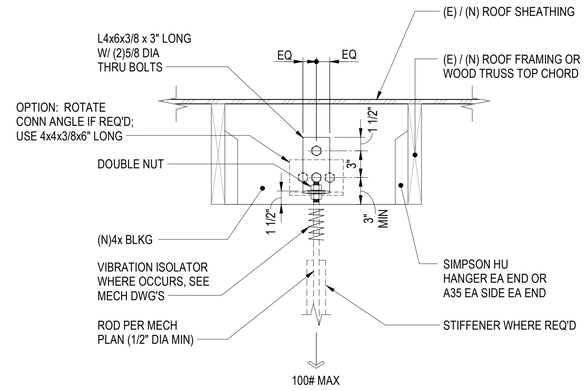
CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.92**
SHEET 136 OF 294

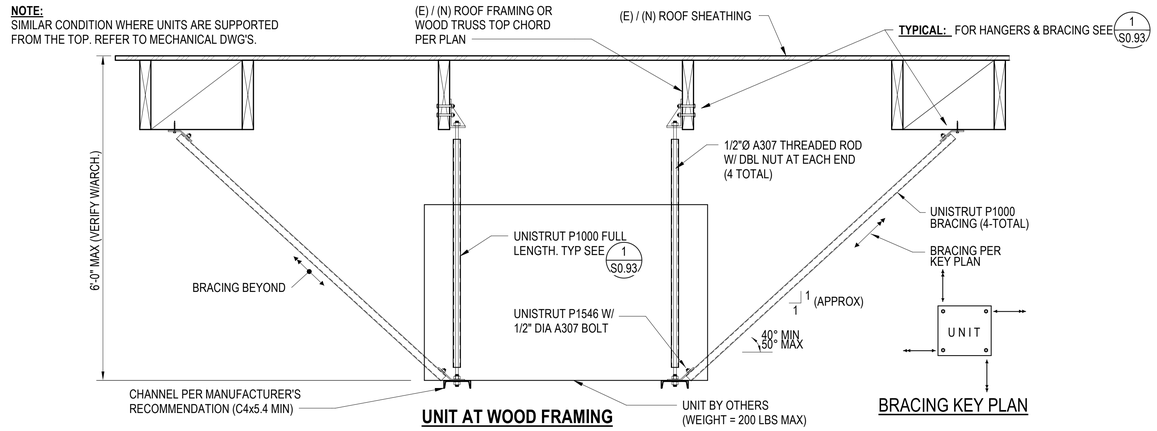
SANTEE COMMUNITY CENTER - MISCELLANEOUS DETAILS

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3 / S0.93 HANGER ROD DETAIL
NOT TO SCALE

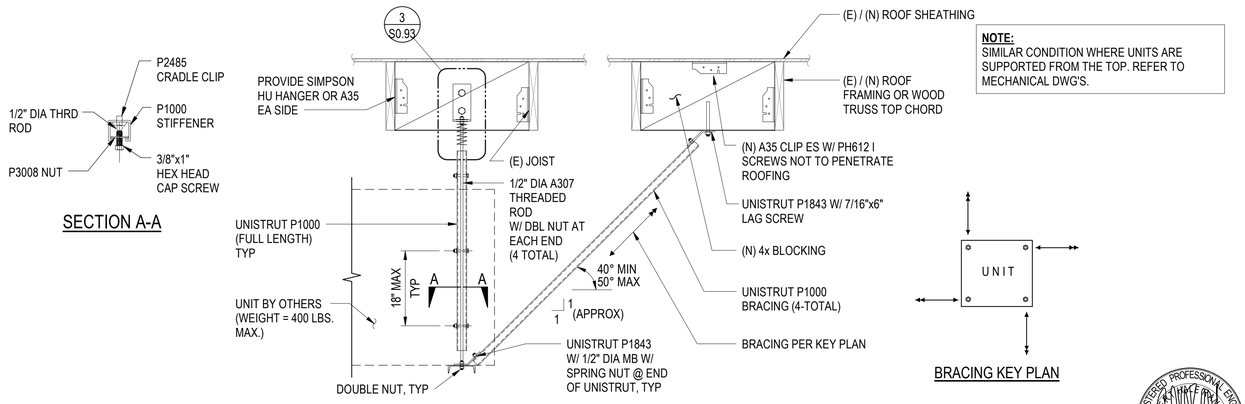
NOTE:
SIMILAR CONDITION WHERE UNITS ARE SUPPORTED FROM THE TOP. REFER TO MECHANICAL DWG'S.



UNIT AT WOOD FRAMING

BRACING KEY PLAN

2 / S0.93 TYPICAL SUSPENDED MECHANICAL UNIT SUPPORT DETAIL AT WOOD ROOF JOISTS/TRUSS TOP CHORDS
NOT TO SCALE



NOTE:
SIMILAR CONDITION WHERE UNITS ARE SUPPORTED FROM THE TOP. REFER TO MECHANICAL DWG'S.

BRACING KEY PLAN

1 / S0.93 TYPICAL SUSPENDED MECHANICAL UNIT SUPPORT DETAIL BETWEEN WOOD ROOF JOISTS/TRUSS TOP CHORDS
NOT TO SCALE

Santee
SO MUCH • SUCH EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A TAHOEBUILT COMPANY
Approved
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REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: As indicated
VERT:

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Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

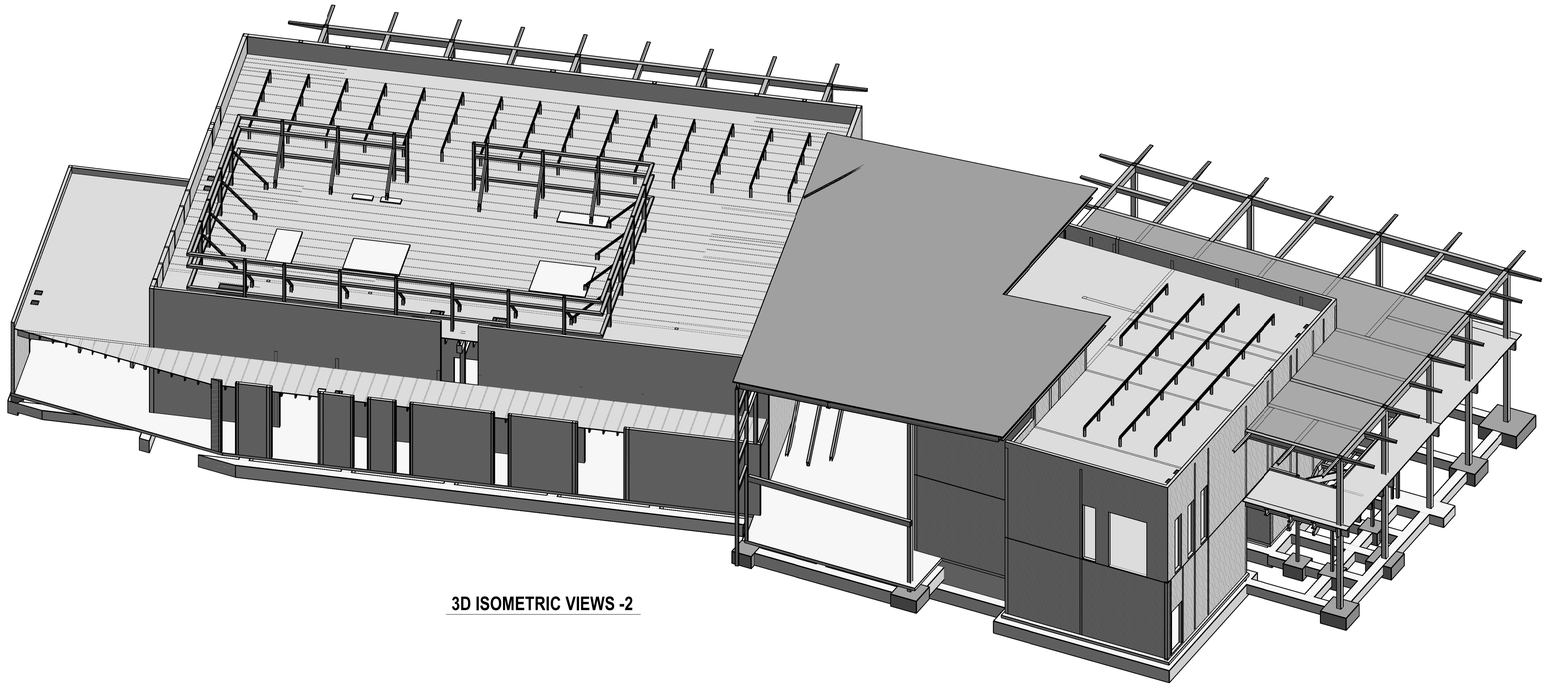
DRAWING NO.: **S0.93**
SHEET 137 OF 294

SANTEE COMMUNITY CENTER - MISCELLANEOUS DETAILS

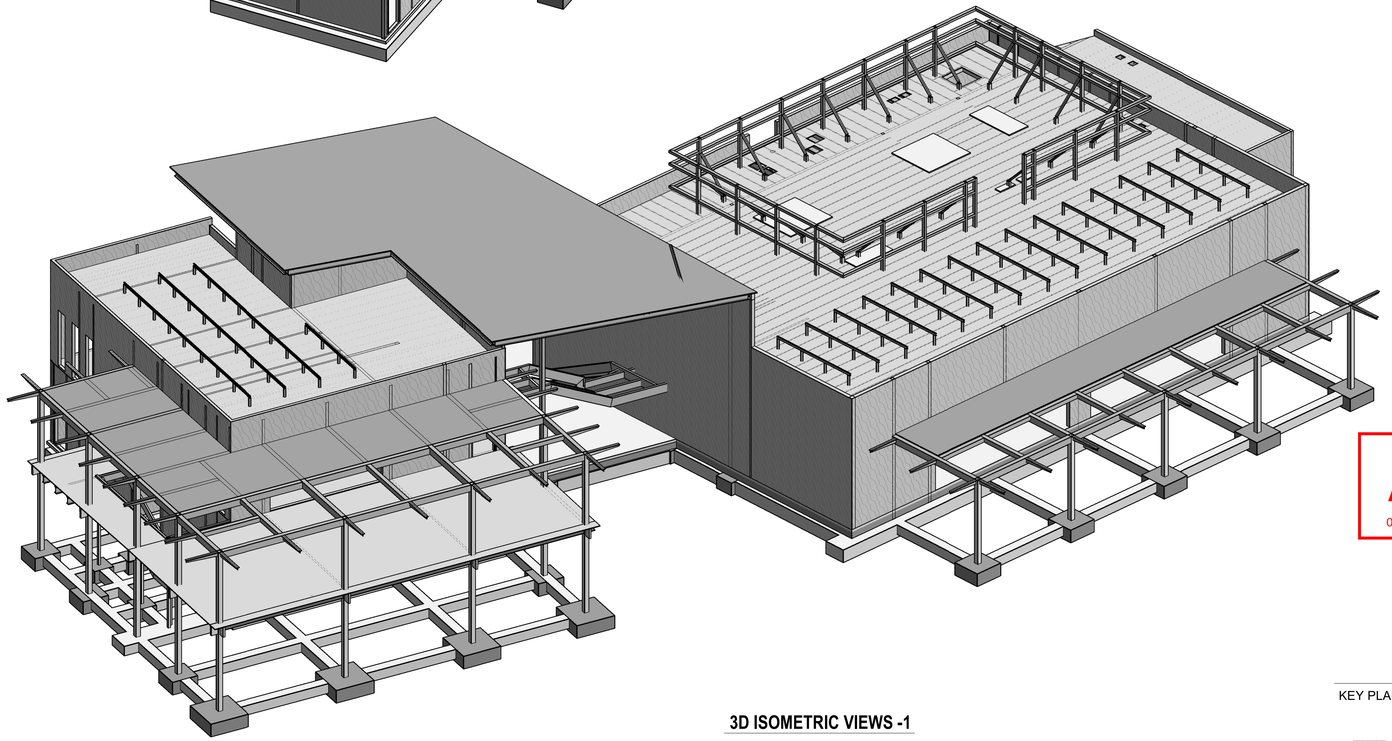
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3D ISOMETRIC VIEWS -2



3D ISOMETRIC VIEWS -1

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

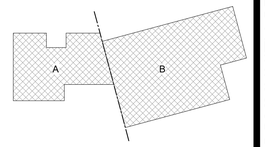
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

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REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

KEY PLAN:



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ:
VERT:

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Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PAUL DARRICO PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S1.01**

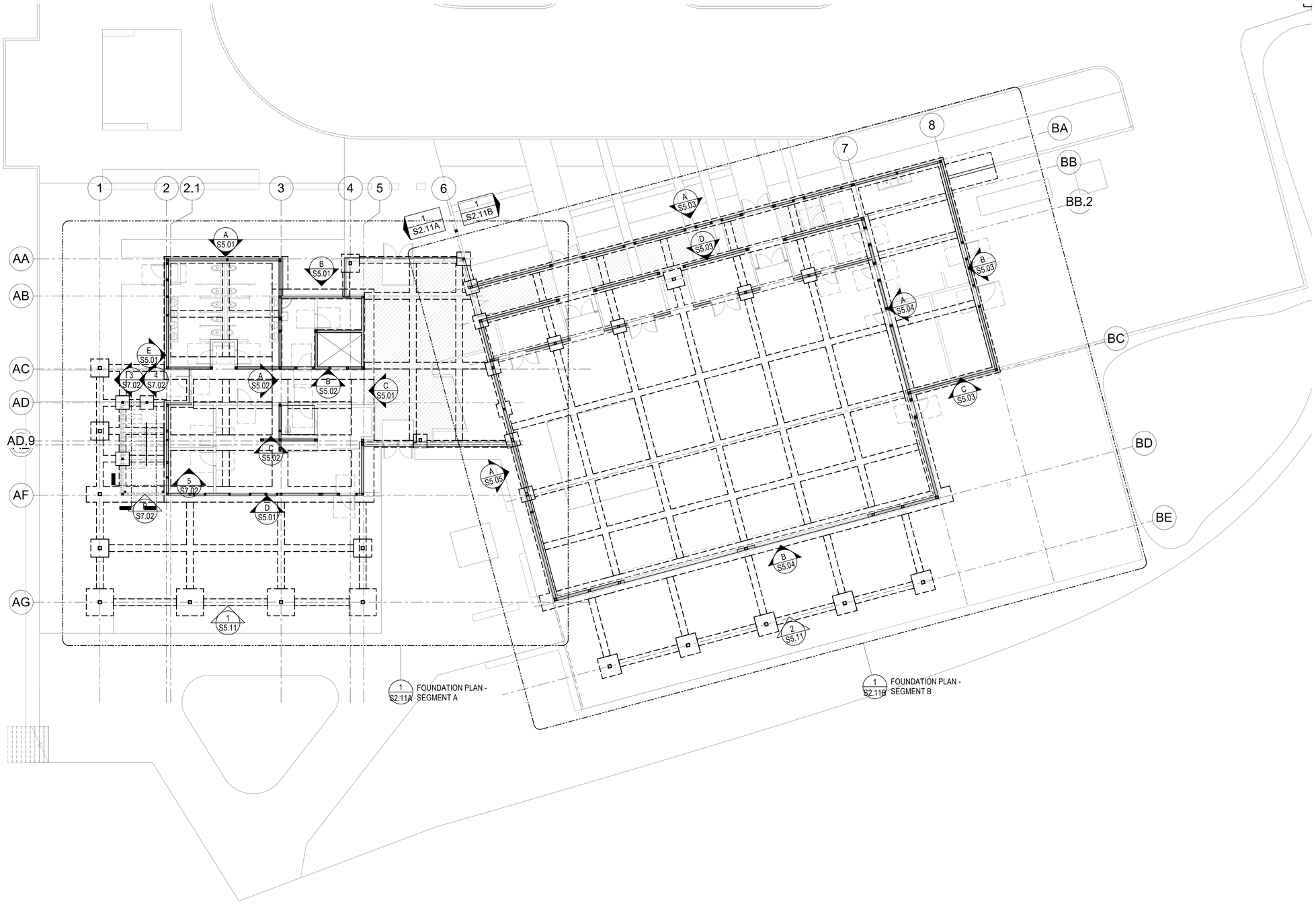
SHEET 138 OF 294

SANTEE COMMUNITY CENTER - 3D ISOMETRIC VIEWS

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1 S2.11A FOUNDATION PLAN - SEGMENT A

1 S2.11B FOUNDATION PLAN - SEGMENT B

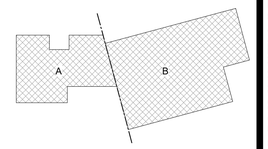
1 S1.11 FIRST FLOOR / FOUNDATION PLAN - OVERALL
3/32" = 1'-0"

Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug** 2**2**, 202**5**

INTERWEST
A SAFEBUILT COMPANY
Approved
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REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

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CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

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BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

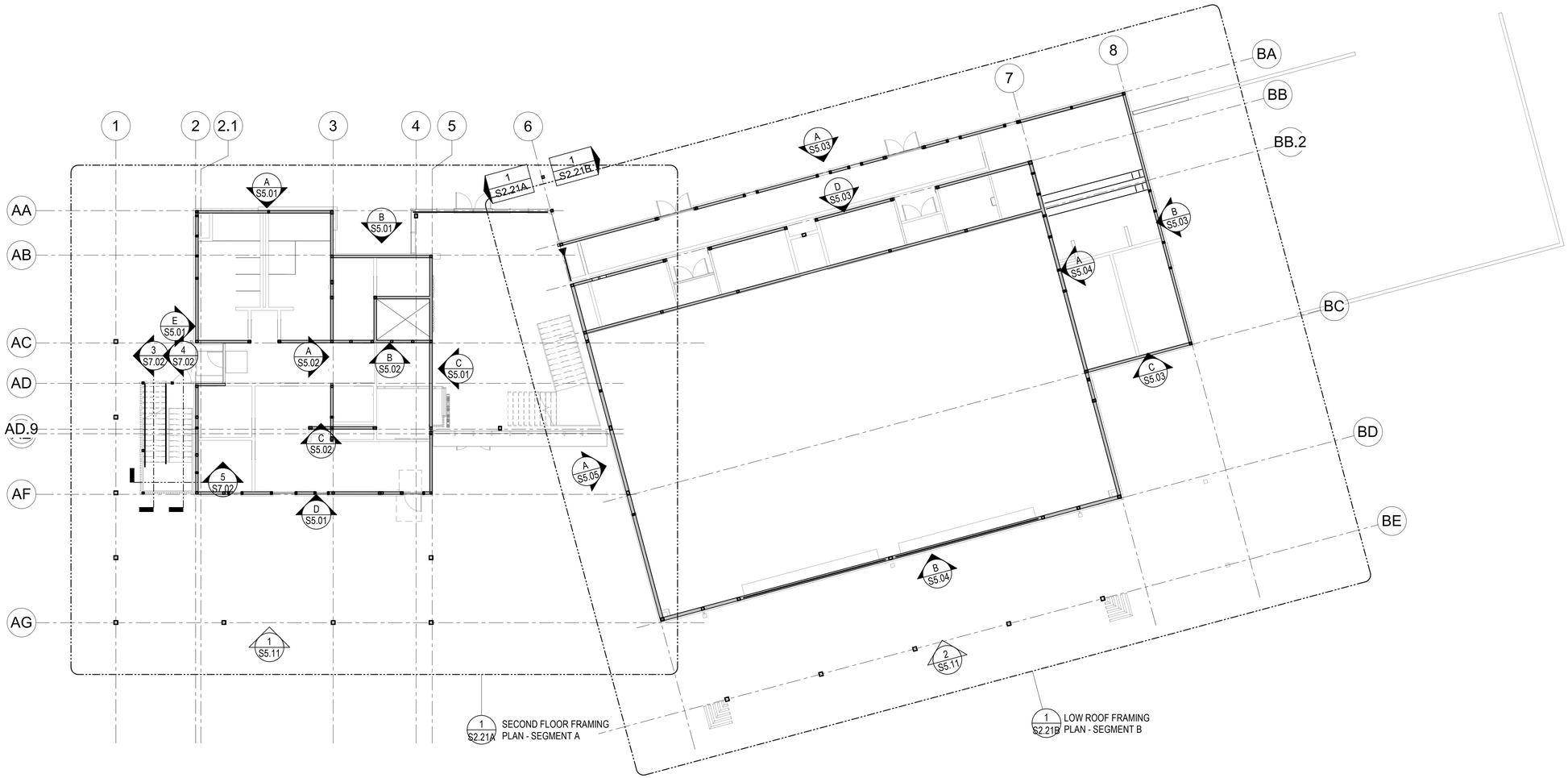
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SHEET 139 OF 294

SANTEE COMMUNITY CENTER - OVERALL FOUNDATION PLAN

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1 S2.21A SECOND FLOOR FRAMING PLAN - SEGMENT A

1 S2.21B LOW ROOF FRAMING PLAN - SEGMENT B

1 S1.21 SECOND FLOOR / LOW ROOF FRAMING PLAN- OVERALL
3/32" = 1'-0"

Notes:

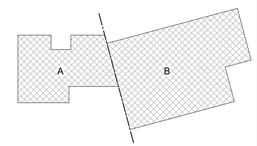
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Date: **Aug 22, 2025**

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REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/25
STRUCTURAL
STATE OF CALIFORNIA

KEY PLAN:



SANTEE COMMUNITY CENTER - OVERALL 2ND FLOOR FRAMING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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INSPECTOR:						
DATE COMPLETED						

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HORIZ: 3/32" = 1'-0"	Designer	Author	Checker
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	RCE NO. 54892 EXPIRES 12/31/2026		

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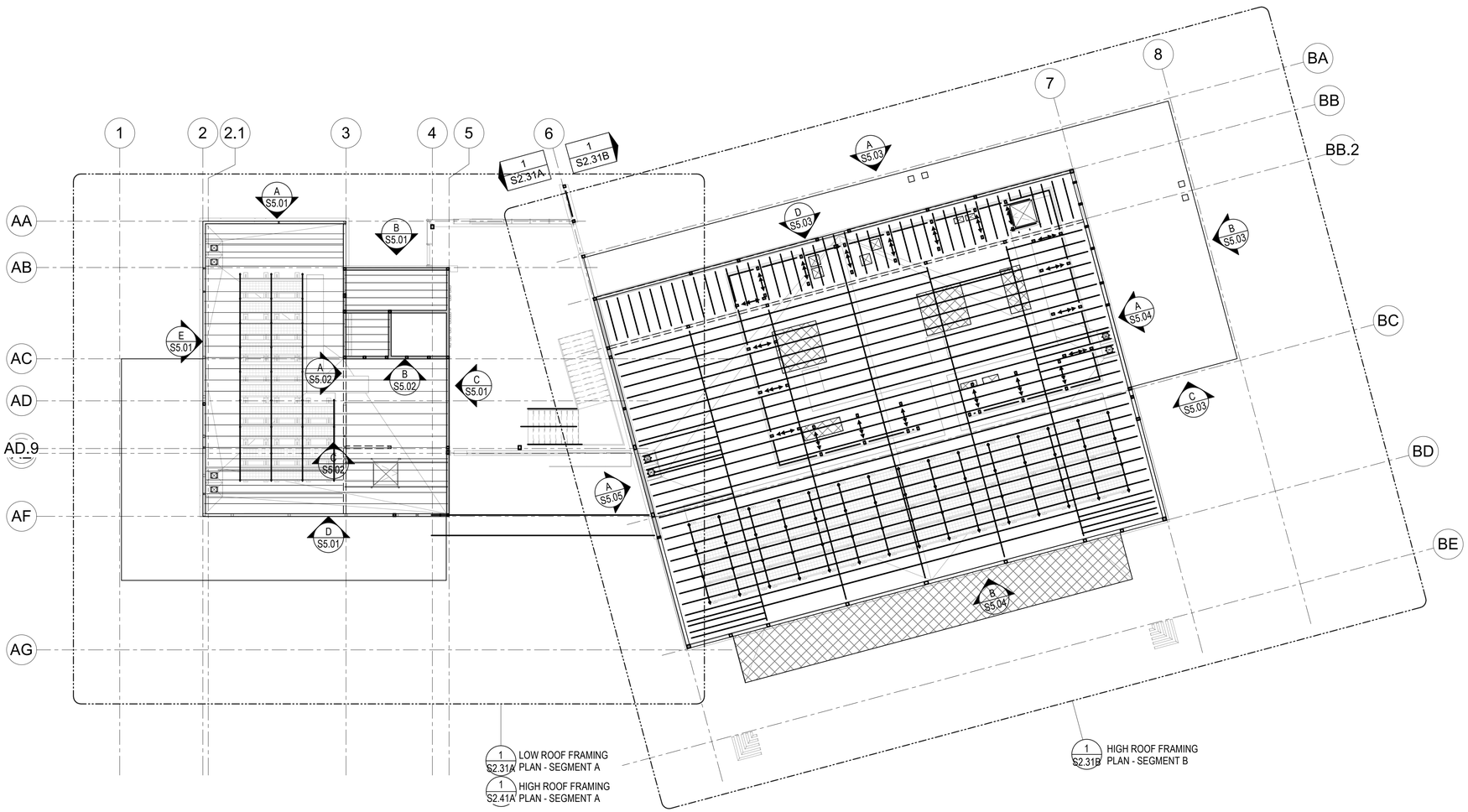
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S1.21**
	SHEET 140 OF 294

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1 S2.31A LOW ROOF FRAMING PLAN - SEGMENT A

1 S2.41A HIGH ROOF FRAMING PLAN - SEGMENT A

1 S2.31B HIGH ROOF FRAMING PLAN - SEGMENT B

1 S1.31 HIGH ROOF FRAMING PLAN - OVERALL
3/32" = 1'-0"

100% CONSTRUCTION DOCUMENTS - 01/12/2024

Notes:

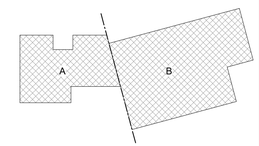
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Permit # B-CNEW-23-0009
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REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

KEY PLAN:



SANTEE COMMUNITY CENTER - OVERALL ROOF FRAMING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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HORIZ: 3/32" = 1'-0"
VERT:

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PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. 54892 EXPIRES 12/31/2026

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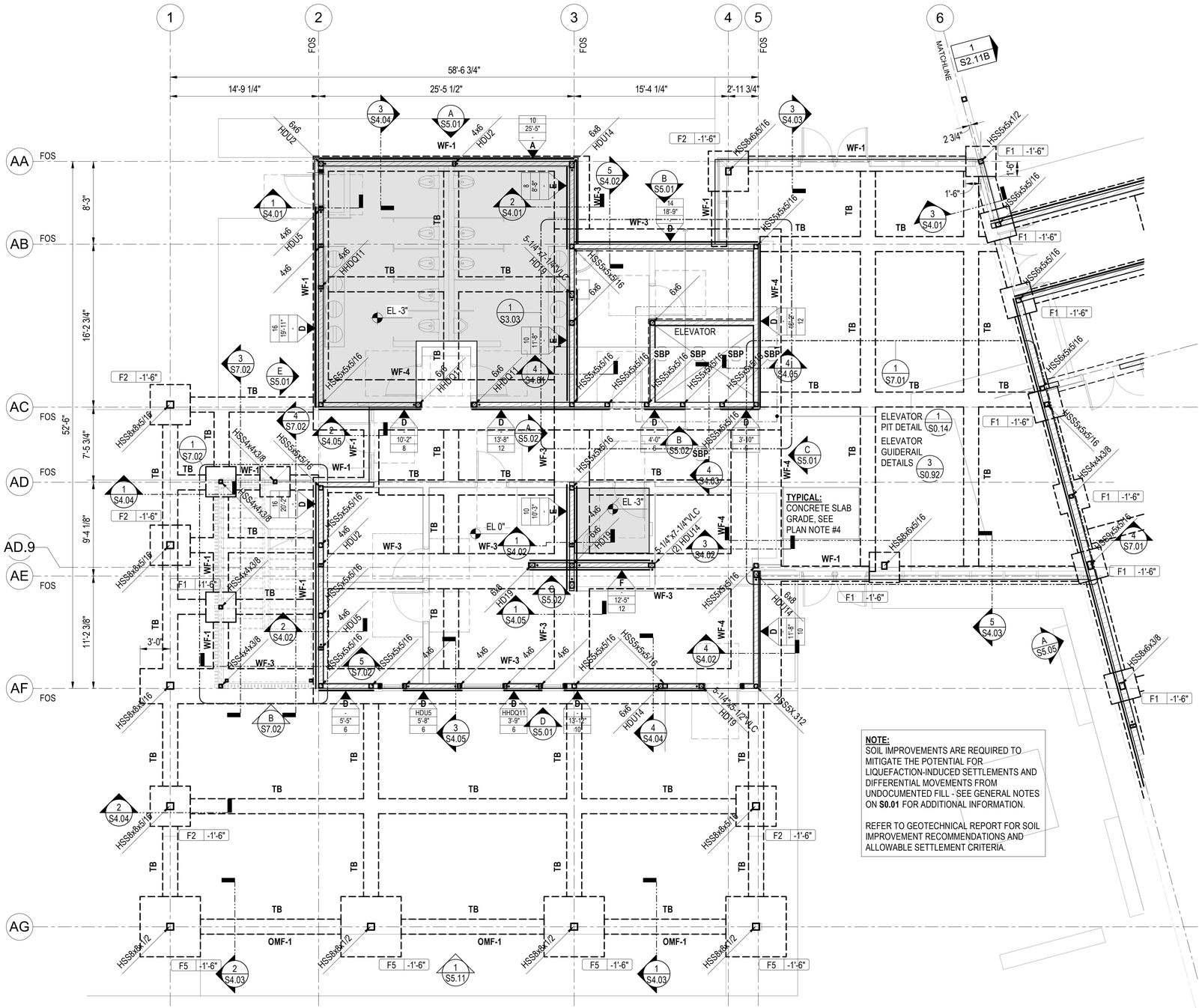
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IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S1.31**
SHEET 141 OF 294

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1 S2.11A FOUNDATION PLAN - SEGMENT A
3/16" = 1'-0"

FOUNDATION PLAN NOTES

1. FOR GENERAL NOTES SEE **S0.0X** SERIES SHEETS, FOR TYPICAL DETAILS SEE **S0.1X** THROUGH **S0.9X** SERIES SHEETS.
2. SEE ARCHITECTURAL DWGS FOR REMAINDER OF DIMENSIONS & ELEVATIONS NOT SHOWN ON STRUCT DWGS. VERIFY ALL DIMENSIONS & ELEVATIONS W/ ARCHITECTURAL DWGS PRIOR TO START OF WORK.
3. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, SLAB EDGE LOCATIONS, ETC., AND FOR WALL OVERALL DIMENSIONS, LOCATIONS OF OPENINGS, ETC., NOT INDICATED ON STRUCTURAL DRAWINGS.
4. TYPICAL SLAB ON GRADE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:
   A. 5" CONCRETE SLAB W/ #4 @ 18" OC EACH WAY AT CENTER OF SLAB OVER.
   B. 15 MIL VAPOR BARRIER OVER 6" OF FREE DRAINING CLEAN (WASHED) 3/4" DIA CRUSHED ROCK OVER
   C. COMPACTED, NON-EXPANSIVE MATERIAL PER GEOTECHNICAL REPORT.
5. PROVIDE CONSTRUCTION JOINTS AND WEAKENED PLANE JOINTS (INDICATED AS CJ AND PW, RESPECTIVELY) IN SLAB ON GRADE AS SHOWN ON DETAIL **1 / S0.13** (LOCATE PER ARCHITECTURAL DRAWINGS).
6. ALL FOOTINGS SHALL BE CENTERED ON WALLS OR COLUMNS UNLESS NOTED OTHERWISE.
7. ALL COLUMNS SHALL BE CENTERED ON GRID LINES UNLESS NOTED OTHERWISE.
8. PROVIDE SHEAR WALL SHEATHING WITH "TYPE A" NAILING AT THE FOLLOWING CONDITIONS:
   A. ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALL PER PLAN; WHERE AN EXTERIOR WALL IS DESIGNATED AS SHEAR WALL FOR ONLY A PORTION OF THE WALL LENGTH, ADDITIONAL "TYPE A" SHEAR WALL SHEATHING IS REQUIRED ON THE REMAINDER OF THE WALL, INCLUDING ABOVE AND BELOW OPENING, PARAPETS, ETC.
   B. ALL INTERIOR WALLS AS REQUIRED FOR ALIGNMENT OF WALL FINISHES; ADDITIONAL SHEAR WALL SHEATHING ONLY REQUIRED ON THE SIDES OF THE WALLS WHERE REQUIRED SHEAR WALL SHEATHING OCCURS.
9. TYPICAL WOOD STUDS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLAN

SHEAR WALL:	2x6 @ 16" AT ALL EXTERIOR WALL, UNO ON PLAN 2x6 @ 16" AT INTERIOR WALL UNO ON PLAN
EXTERIOR WALL:	2x6 @ 16" UNO
INTERIOR BEARING WALL:	2x6 @ 16" AND LARGER AS INDICATED BY ARCH
INTERIOR NON-BEARING WALL:	2x4 @ 16" FOR HEIGHTS UP TO 10' OR 2x6 @ 16" AND LARGER AS INDICATED BY ARCH. 2x8 VERSA-STUD 1.8E 2400 @ 16" FOR HEIGHTS > 17'-0".

10. HOLDOWN CONNECTORS SHALL BE TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING.
11. TOP OF STRUCTURE SLAB ELEVATION SHALL BE + /- 0'-0" RELATIVE TO ARCH FLOOR DATUM ELEVATION; UNLESS OTHERWISE THUS IN PLAN.
12. ALL NAILS ARE COMMON NAILS.
13. ALL HARDWARE IS BY "SIMPSON" TYPICAL OR APPROVED EQUAL.
14. ALL FOUNDATION EXCAVATIONS MUST BE OBSERVED AND APPROVED BY THE PROJECT GEOTECHNICAL CONSULTANT PRIOR TO PLACING OF REINFORCEMENT STEEL.
15. SLAB ON GRADE SHALL POUR DOWN TO TOP OF FOOTINGS AT INTERIOR CONDITIONS SEE **3 / S3.01**
16. ALL STEEL AT EXTERIOR CONDITIONS BELOW GRADE SHALL HAVE A MINIMUM OF 3" CONCRETE COVER, SEE **4 / S3.01**.
17. REFER TO GENERAL NOTES FOR CRITERIA ON SOIL IMPROVEMENTS.
18. PRIOR TO THE CONTRACTOR REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE SOILS ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT
   A. THE BUILDING PAD WAS PREPARED IN ACCORDANCE WITH THE SOILS REPORT.
   B. THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED.
   C. THE FOUNDATION EXCAVATIONS COMPLY WITH THE INTENT OF THE SOILS REPORT.

FOUNDATION LEGENDS

- HSS — INDICATES STEEL COLUMN. FOR BASE PLATE SEE **6 / S0.31** UNO. FOR NAILERS SEE **2 / S0.73**
- S - - - S — INDICATES STEP FOOTING, SEE DETAIL **3 / S0.13**
- INDICATES RAISED OR DEPRESSED SLAB, COORDINATE W/ MECH/ELECT DWGS/ARCH **1D / S0.13**
- FX | - — INDICATES FOOTING MARK SEE SCHEDULE **1 / S3.02**
- INDICATES TOP OF FOOTING ELEVATION RELATIVE TO THE LOWEST ADJACENT TOP OF CONCRETE SLAB OR FINISHED GRADE ELEVATION. WHERE NOT INDICATED, TOP OF FOOTING TO BE 1'-6" FROM LOWEST ADJACENT TOP OF SLAB OR FINISHED GRADE ELEVATION. REFER TO CIVIL DRAWINGS.
- A | HD | 12'-0" | 5 — INDICATES SHEAR WALL MARK FOR PLYWOOD SHEAR WALL; INDICATES SHEAR WALL TYPE PER SCHEDULE **1 / S0.81**; INDICATES HOLDOWN TYPE EACH END OF SHEAR WALL; INDICATES SHEAR WALL DESIGN LENGTH; INDICATES MIN NUMBER OF ANCHOR BOLTS, SEE **1 / S0.81**
- INDICATES HOLDOWN LOCATION. FOR HOLDOWN SEE **1 / S0.82**
- OR POST HDU5 — INDICATES WOOD POST (HOLDOWN WHERE REQUIRED AT SPECIFIC LOCATION)
- **WF-1** — INDICATES WALL FOOTING, SEE DETAIL **5 / S3.01**
- **TB** — INDICATES TIE BEAM, SEE DETAIL **4 / S3.02** & **5 / S3.02**
- XX / XX / XXX# — INDICATES MECHANICAL UNIT TYP - SEE "M" SERIES DRAWINGS; INDICATES MECHANICAL UNIT NUMBER; INDICATES MAXIMUM DESIGN WEIGHT
- INDICATES MEP UNITS. SEE TYPICAL CONC HOUSEKEEPING PAD DETAIL **3 / S0.14** WHERE NOTED IN MEP DWGS.
- VLC — VERSA-LAM 1.8 2650 COLUMN (SEE GENERAL NOTES ON **S0.04**)

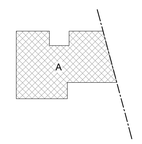
Santee — SO MUCH TO SEE, SO LET IT BE

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST — A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:11 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER — CHRISTOPHER R. HAKE — 24812 — EXP. 12/31/26 — STRUCTURAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S2.11A**
SHEET 142 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - FOUNDATION PLAN - SEGMENT A

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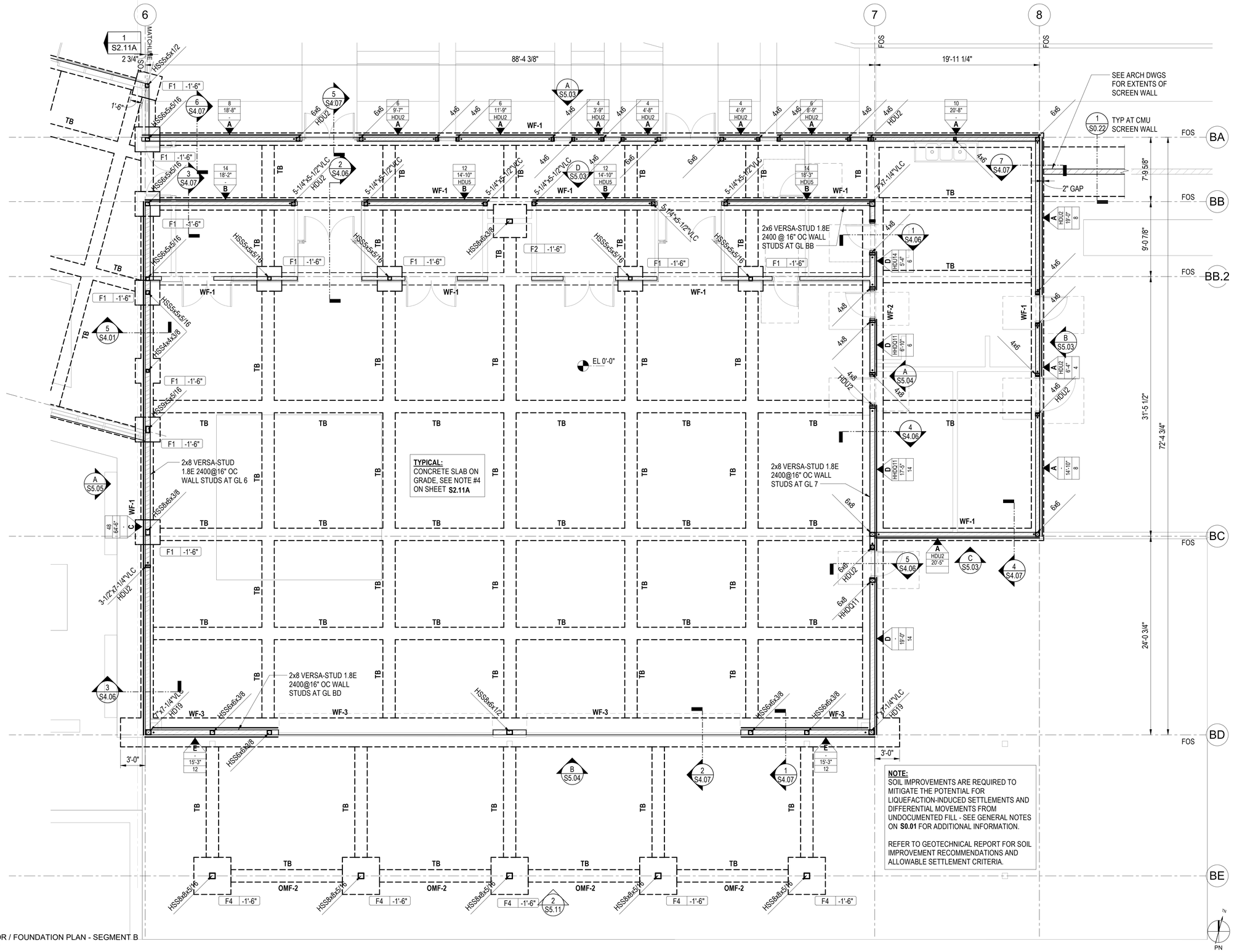
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SANTEE COMMUNITY CENTER - FOUNDATION PLAN - SEGMENT B

PLAN NOTES:

1. REFERS TO **S2.11A** FOR FOUNDATION PLAN NOTES AND LEGEND.



1 S2.11B FIRST FLOOR / FOUNDATION PLAN - SEGMENT B
3/16" = 1'-0"

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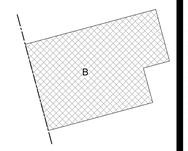
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:11 PM

REGISTERED PROFESSIONAL ENGINEER — ROBERT H. RANDALL — No. S4892 — EXP. 12/31/26 — STRUCTURAL — STATE OF CALIFORNIA

KEY PLAN:



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

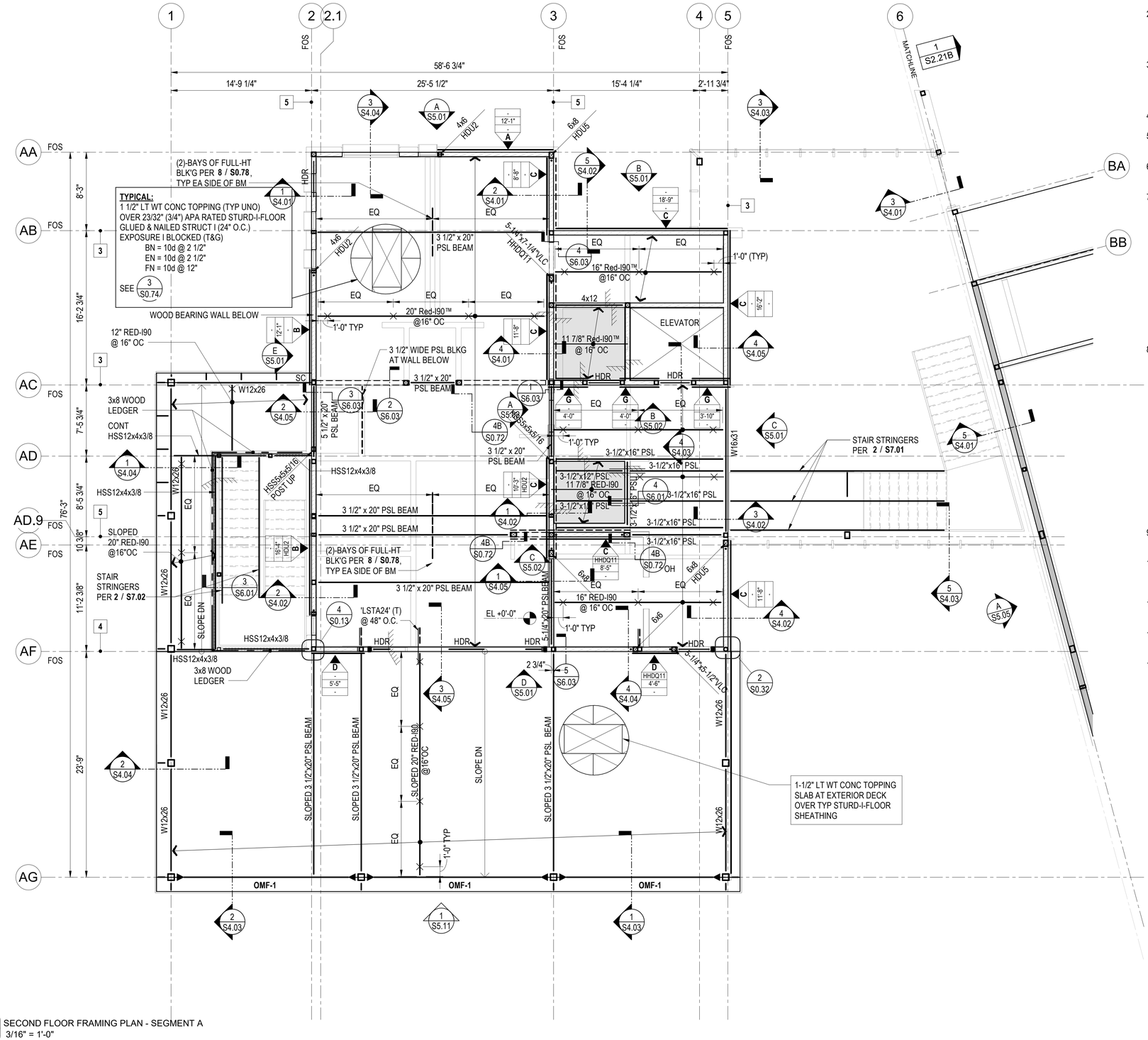
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S2.11B**
	SHEET 143 OF 294

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1 S2.21A SECOND FLOOR FRAMING PLAN - SEGMENT A
3/16" = 1'-0"

FLOOR FRAMING NOTES

1. FOR GENERAL NOTES SEE **S0.0X** SERIES SHEETS. FOR TYPICAL DETAILS SEE **S0.1X** THROUGH **S0.9X** SERIES SHEETS.
2. SEE ARCHITECTURAL DWGS FOR REMAINDER OF DIMENSIONS & ELEVATIONS NOT SHOWN ON STRUCT DWGS. VERIFY ALL DIMENSIONS & ELEVATION W/ ARCHITECTURAL DWGS PRI0R TO START WORK.
3. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, ETC. AND FOR WALL OVERALL DIMENSIONS, LOCATION OF OPENINGS, ETC. NOT INDICATED ON STRUCTURAL DRAWINGS.
4. SPACE BEAMS EQUALLY BETWEEN COLUMNS & GIRDERS UNO.
5. ALL STEEL EXPOSED TO WEATHER SHALL BE GALVANIZED PER STRUCTURAL STEEL GENERAL NOTE #8 ON **S0.01**.
6. FOR ALL EXPOSED STEEL AND CONNECTIONS, REFER TO ARCHITECTURAL DRAWINGS FOR AESS CLASSIFICATION.
7. PROVIDE SHEAR WALL SHEATHING WITH "TYPE A" NAILING AT THE FOLLOWING CONDITIONS:
   A. ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALL PER PLAN; WHERE AN EXTERIOR WALL IS DESIGNATED AS SHEAR WALL FOR ONLY A PORTION OF THE WALL LENGTH, ADDITIONAL "TYPE A" SHEAR WALL SHEATHING IS REQUIRED ON THE REMAINDER OF THE WALL, INCLUDING ABOVE AND BELOW OPENING, PARAPETS, ETC.
   B. ALL INTERIOR WALLS AS REQUIRED FOR ALIGNMENT OF WALL FINISHES; ADDITIONAL SHEAR WALL SHEATHING ONLY REQUIRED ON THE SIDES OF THE WALLS WHERE REQUIRED SHEAR WALL SHEATHING OCCURS.
8. TYPICAL WOOD STUDS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLAN

SHEAR WALL:	2x6 @ 16" AT ALL EXTERIOR WALL, UNO 2x6 @ 16" AT INTERIOR WALL UNO
EXTERIOR WALL:	2x6 @ 16" UNO
INTERIOR BEARING WALL:	2x6 @ 16" AND LARGER AS INDICATED BY ARCH
INTERIOR NON-BEARING WALL:	2x4 @ 16" FOR HEIGHTS UP TO 10' OR 2x6 @ 16" AND LARGER AS INDICATED BY ARCH. 2x8 VERSA-STUD 1.8E 2400 @ 16" FOR HEIGHTS > 17'-0".

9. HOLDOWN CONNECTORS SHALL BE TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING.
10. DIAPHRAGM NAILING TO BE INSPECTED BEFORE COVERING, FACE GRAIN OF PLYWOOD SHALL BE PERPENDICULAR TO SUPPORT.
11. ALL HARDWARE ARE BY "SIMPSON" TYPICAL OR APPROVED EQUAL.
12. ALL SAWN WOOD FRAMING EXPOSED TO WEATHER SHALL BE P.T.D.F.
13. ALL NAILS ARE COMMON NAILS, UNO.

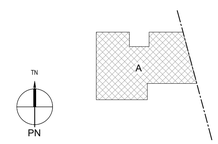
Santee
DO MORE • DIE EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:11 PM

FRAMING LEGENDS

EL X'-X"	TOP OF STRUCT SLAB ELEVATION OTHER THAN DATUM - VERIFY W/ ARCHITECTURAL DRAWINGS.
HSS POST UP	NON-FRAME STEEL COLUMN MARK FOR COLUMN OCCURRING ABOVE - SEE **5** / **S0.31** , UNO.
	CHANGE IN TOP OF STRUCT SLAB ELEVATION - VERIFY DROP DISTANCES (WHERE INDICATED) W/ ARCHITECTURAL DWGS
D1	METAL DECK CONSTRUCTION MARK - ARROWS DENOTE DECK SPAN DIRECTION - SEE SCHEDULE **1** / **S0.41**.
c=X"	CAMBER AS INDICATED.
SC	INDICATE USE OF SLIP CRITICAL BOLTS FOR CONNECTION.
	BEAM STIFFENER SHEAR PLATE CONN MARK - SEE **1** / **S0.31**
LO HI	INDICATES DIAGONAL ANGLE BRACE
	DRAG BEAM CONNECTION MARK - SEE **1** / **S0.33**
	DRAG BEAM TO COLUMN CONNECTION MARK - SEE **5** / **S0.33**
	BEAM TO COLUMN NON-FRAME MOMENT CONNECTION MARK - SEE **2** / **S0.33** - CANTILEVER BEAM SIZE (IF NOT SHOWN) TO MATCH BACKSPAN BEAM SIZE UNO.
	BEAM TO BEAM NON-FRAME MOMENT CONNECTION MARK - SEE **3** / **S0.33** - CANTILEVER BEAM SIZE (IF NOT SHOWN) TO MATCH BACKSPAN BEAM SIZE UNO.
	BEAM TO BEAM CONNECTION - SEE **4** / **S0.33** W/ SLIP-CRITICAL BOLTS (A325-SC)
CB36x84	INDICATES CASTELLATED STEEL BEAM (Fy=50 KSI) - SEE **4** / **S0.32** FOR CUTOUT SHAPE & DIMENSIONS.
	INDICATES OPENING IN FRAMING - SEE DETAIL **9** / **S0.72** & **4** / **S0.78**, UNO.
	INDICATES RAISED OR DEPRESSED SLAB, COORDINATE W/ ARCH MECH/ELECT DWGS/ARCH
	INDICATES EXTENT OF METAL DECK AT EXTERIOR CANOPY, SEE PLAN FOR DETAILS.
	INDICATES BEARING AND/OR SHEAR WALL BELOW.
HDR	INDICATES HEADER PER SCHEDULE SEE DETAIL **1** / **S0.71**
CMST	INDICATES SIMPSON CMST STRAP, UNO (T) INDICATES STRAP TO BE PLACED ON TOP OF SHEATHING (B) INDICATES STRAP TO BE PLACED ON BOTTOM OF MEMBER (S) INDICATES STRAP TO BE PLACED ON SIDE OF MEMBER
XX XX XXX#	INDICATES MECHANICAL UNIT TYP - SEE "M" SERIES DRAWINGS INDICATES MECHANICAL UNIT NUMBER INDICATES MAXIMUM DESIGN WEIGHT
	INDICATES MECH UNITS. SEE TYPICAL MECHANICAL OPENING FRAMING LAYOUT ON **S0.91**. PROVIDE DOUBLE JOIST AT MECH UNIT UNO.
1	INDICATES TOP PLATE SPLICE PER **7** / **S0.71** USE 1 AT ALL SHEAR AND BEARING WALLS UNLESS NOTED OTHERWISE.
	INDICATES LVL LEDGER PER PLAN - SPLICE W/ (2) MSTI48 TYP, UNO PER **11** / **S0.73**
A HD 12'-0" 5	INDICATES SHEAR WALL MARK FOR PLYWOOD SHEAR WALL. INDICATES SHEAR WALL TYPE PER SCHEDULE **1** / **S0.81** INDICATES HOLDOWN TYPE EACH END OF SHEAR WALL . INDICATES SHEAR WALL DESIGN LENGTH INDICATES MIN NUMBER OF ANCHOR BOLTS, SEE **1** / **S0.81**
	INDICATES HOLDOWN LOCATION. FOR HOLDOWN SEE **1** / **S0.82**
OR POST HDU5	INDICATES WOOD POST (HOLDOWN WHERE REQUIRED AT SPECIFIC LOCATION).
	INDICATES STEEL X- BRIDGING OR FULL HT BLOCKING PER **8** / **S0.78**, TYP.
VLC	VERSA-LAM 1.8 2650 COLUMN (SEE GENERAL NOTES ON **S0.04**)

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S2.21A**
SHEET 144 OF 294

SANTEE COMMUNITY CENTER - 2ND FLOOR FRAMING PLAN - SEGMENT A

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PLAN NOTES:

1. REFER TO **S2.21A** FOR TYPICAL FRAMING PLAN NOTES AND LEGEND.

TYPICAL:
15/32" APA RATED SHEATHING STRUCT I
(32/16) EXPOSURE I BLOCKED, TYP
BN = 10d @ 2 1/2"
EN = 10d @ 2 1/2"
FN = 10d @ 12"
SEE 3 S0.74

108'-3 5/8"
88'-4 3/8"
19'-11 1/4"
HSS BEAM PER ELEV **A** / **S5.05**
HSS12x6x1/2 (LOW)
2x8 @24" OC
2x8 LEDGER
TYP
12"x12" MAX ROOF DRAIN OPENING, SEE NOTE #15
LSTA15 (T)
MSTI36 (S)
4x8 BM
4x12
6x12 BM
DRAG BEAM
4x BLK'G CENTERED ABOUT STRAP
(2)-ROWS OF FULL-HT BLK'G PER **8** / **S0.78**
EQ 6'-9" EQ
11-7/8" Red-I45™ @24" OC
1'-0" TYP
TYP UNO
EF 1 58#
1-3/4"x11 7/8" LVL LEDGER
OPEN
2x6 LEDGER
SEE **S2.31B** FOR HIGH ROOF FRAMING PLAN
HSS6x6x3/8 POST UP
HSS18x6x1/2
HSS12x8x3/8
HSS12x6x3/8
HSS8x8x1/4
PRE-MANUF LOUVERS BY OTHERS, SAD FOR LOCATIONS
OMF-2
TAPERED WT8x15.5 TYP
D1
7'-9 5/8"
9'-0 7/8"
31'-5 1/2"
72'-4 3/4"
24'-0 3/4"
17'-1"
10'

1 S2.21B LOW ROOF FRAMING PLAN - SEGMENT B
3/16" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:11 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL 34892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

KEY PLAN:

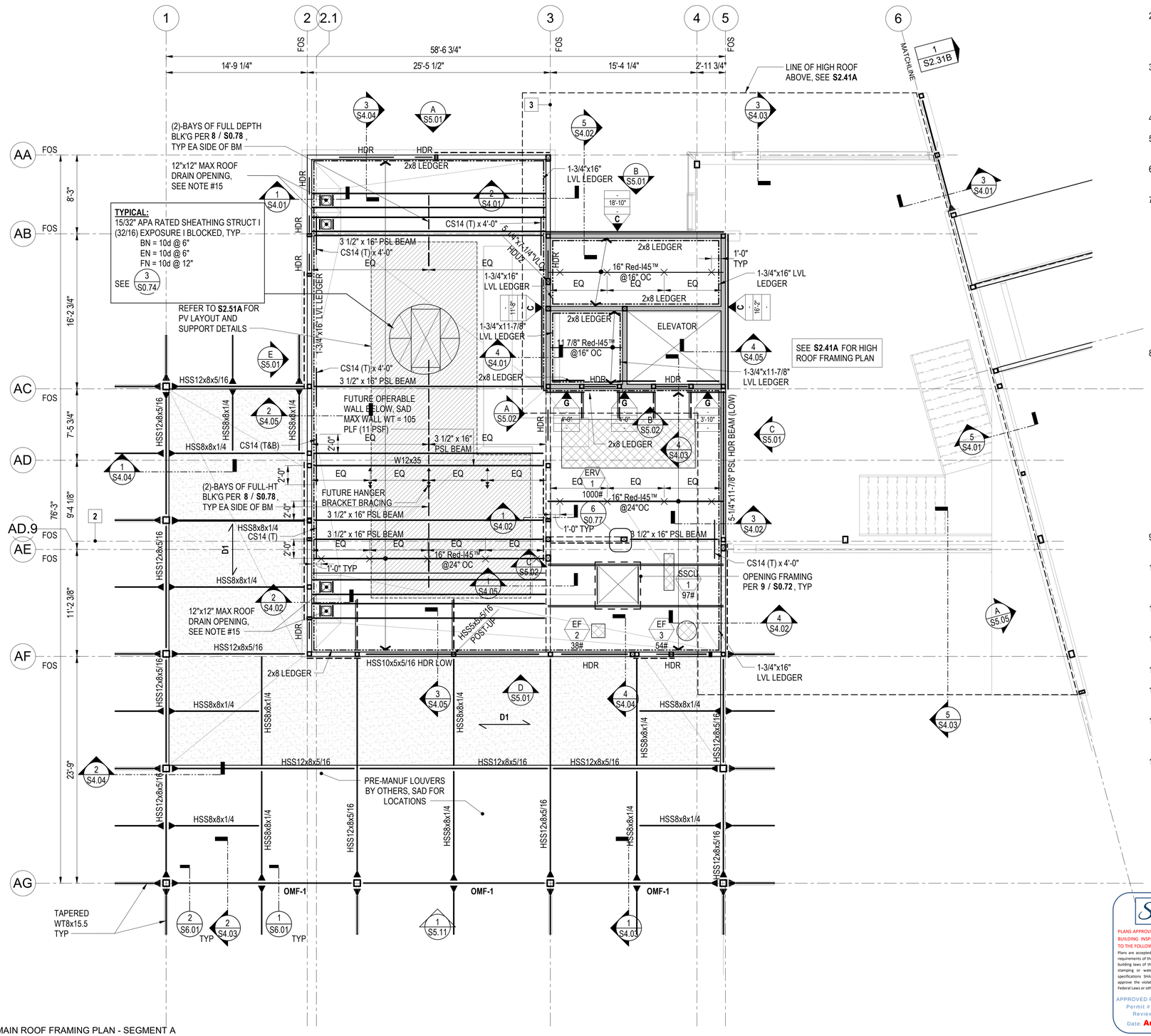
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED 08/26/2025	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:							HORIZ: 3/16" = 1'-0"	Designer	Author	Checker	BY	IMPROVEMENT PLANS FOR:		CIP 2018-31	**S2.21B**
INSPECTOR:							VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025			PROJECT ENGINEER	**SANTEE COMMUNITY CENTER**			SHEET 145 OF 294
DATE COMPLETED								RCE NO. S4892 EXPIRES 12/31/2026							

SANTEE COMMUNITY CENTER - LOW ROOF FRAMING PLAN - SEGMENT B

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1 S2.31A MAIN ROOF FRAMING PLAN - SEGMENT A
3/16" = 1'-0"

ROOF FRAMING NOTES

1. FOR GENERAL NOTES SEE **S0.0X** SERIES SHEETS. FOR TYPICAL DETAILS SEE **S0.1X** THROUGH **S0.9X** SERIES SHEETS.
2. SEE ARCHITECTURAL DWGS FOR REMAINDER OF DIMENSIONS & ELEVATIONS NOT SHOWN ON STRUCT DWGS. VERIFY ALL DIMENSIONS & ELEVATION W/ ARCHITECTURAL DWGS PRIOR TO START WORK.
3. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, ETC. AND FOR WALL OVERALL DIMENSIONS, LOCATION OF OPENINGS, ETC. NOT INDICATED ON STRUCTURAL DRAWINGS.
4. SPACE BEAMS EQUALLY BETWEEN COLUMNS & GIRDERS UNO.
5. ALL STEEL EXPOSED TO WEATHER SHALL BE GALVANIZED PER STRUCTURAL STEEL GENERAL NOTE #8 ON **S0.01**.
6. FOR ALL EXPOSED STEEL AND CONNECTIONS, REFER TO ARCHITECTURAL DRAWINGS FOR AESS CLASSIFICATION.
7. PROVIDE SHEAR WALL SHEATHING WITH "TYPE A" NAILING AT THE FOLLOWING CONDITIONS:
   A. ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALL PER PLAN; WHERE AN EXTERIOR WALL IS DESIGNATED AS SHEAR WALL FOR ONLY A PORTION OF THE WALL LENGTH, ADDITIONAL "TYPE A" SHEAR WALL SHEATHING IS REQUIRED ON THE REMAINDER OF THE WALL, INCLUDING ABOVE AND BELOW OPENING, PARAPETS, ETC.
   B. ALL INTERIOR WALLS AS REQUIRED FOR ALIGNMENT OF WALL FINISHES; ADDITIONAL SHEAR WALL SHEATHING ONLY REQUIRED ON THE SIDES OF THE WALLS WHERE REQUIRED SHEAR WALL SHEATHING OCCURS.
8. TYPICAL WOOD STUDS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLAN

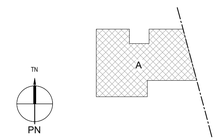
SHEAR WALL:	2x6 @ 16" AT ALL EXTERIOR WALL, UNO 2x6 @ 16" AT INTERIOR WALL UNO
EXTERIOR WALL:	2x6 @ 16" UNO
INTERIOR BEARING WALL:	2x6 @ 16" AND LARGER AS INDICATED BY ARCH
INTERIOR NON-BEARING WALL:	2x4 @ 16" FOR HEIGHTS UP TO 10' OR 2x6 @ 16" AND LARGER AS INDICATED BY ARCH. 2x8 VERSA-STUD 1.8E 2400 @ 16" FOR HEIGHTS > 17'-0".

9. HOLDOWN CONNECTORS SHALL BE TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING.
10. DIAPHRAGM NAILING TO BE INSPECTED BEFORE COVERING, FACE GRAIN OF PLYWOOD SHALL BE PERPENDICULAR TO SUPPORT.
11. ALL HARDWARE ARE BY "SIMPSON" TYPICAL OR APPROVED EQUAL.
12. ALL SAWN WOOD FRAMING EXPOSED TO WEATHER SHALL BE P.T.D.F.
13. ALL NAILS ARE COMMON NAILS, UNO.
14. REFER TO SHEETS **S2.51A** & **S2.51B** FOR OVERALL PV LAYOUT PLAN.
15. REFER TO DETAIL **4** / **A10.41** & **7** / **A10.41** FOR ROOF DRAIN DETAILS. 12"x12" MAX OPENING ALLOWED AT EA DRAIN. PROVIDE ROOF JOIST PER PLAN ALL-AROUND OPENING W/ EN.
16. SEE PLAN FOR ZONE OF FUTURE PHOTOVOLTAIC PANELS AND FRAMING (TOTAL WT = 6 PSF MAX). NO DIRECT ATTACHMENT TO PLYWOOD SHEATHING, ONLY TO FRAMING. DISTANCE FROM PANELS TO ROOFING 24" MAX.

FRAMING LEGEND

- EL X'-X" — TOP OF STRUCT SLAB ELEVATION OTHER THAN DATUM - VERIFY W/ ARCHITECTURAL DRAWINGS.
- HSS POST UP — NON-FRAME STEEL COLUMN MARK FOR COLUMN OCCURRING ABOVE - SEE **5** / **S0.31** , UNO.
- CHANGE IN TOP OF STRUCT SLAB ELEVATION - VERIFY DROP DISTANCES (WHERE INDICATED) W/ ARCHITECTURAL DWGS
- D1 — METAL DECK CONSTRUCTION MARK - ARROWS DENOTE DECK SPAN DIRECTION - SEE SCHEDULE **1** / **S0.41**.
- c=X" — CAMBER AS INDICATED.
- SC — INDICATE USE OF SLIP CRITICAL BOLTS FOR CONNECTION.
- BEAM STIFFENER SHEAR PLATE CONN MARK - SEE **1** / **S0.31**. PROVIDE SLIP-CRITICAL BOLTS (A325-SC), WHERE INDICATED AS "SC" ON PLAN.
- LO HI — INDICATES DIAGONAL ANGLE BRACE
- DRAG BEAM CONNECTION MARK - SEE **1** / **S0.33**
- DRAG BEAM TO COLUMN CONNECTION MARK - SEE **5** / **S0.33**
- BEAM TO COLUMN NON-FRAME MOMENT CONNECTION MARK - SEE **2** / **S0.33** - CANTILEVER BEAM SIZE (IF NOT SHOWN) TO MATCH BACKSPAN BEAM SIZE UNO.
- BEAM TO BEAM NON-FRAME MOMENT CONNECTION MARK - SEE **3** / **S0.33** - CANTILEVER BEAM SIZE (IF NOT SHOWN) TO MATCH BACKSPAN BEAM SIZE UNO.
- BEAM TO BEAM CONNECTION - SEE **4** / **S0.33** W/ SLIP-CRITICAL BOLTS (A325-SC)
- CB36x84 — INDICATES CASTELLATED STEEL BEAM (Fy=50 KSI) - SEE **4** / **S0.32** FOR CUTOUT SHAPE & DIMENSIONS.
- INDICATES OPEING IN FRAMING - SEE DETAIL **9** / **S0.72** & **4** / **S0.78**, UNO.
- INDICATES RAISED OR DEPRESSED SLAB, COORDINATE W/ ARCH MECH/ELECT DWGS/ARCH
- INDICATES EXTENT OF METAL DECK AT EXTERIOR CANOPY, SEE PLAN FOR DETAILS.
- INDICATES BEARING AND/OR SHEAR WALL BELOW.
- HDR — INDICATES HEADER PER SCHEDULE SEE DETAIL **1** / **S0.71**
- CMST — INDICATES SIMPSON CMST STRAP FULLY NAILED, UNO
  (T) INDICATES STRAP TO BE PLACED ON TOP OF SHEATHING
  (B) INDICATES STRAP TO BE PLACED ON BOTTOM OF MEMBER
  (S) INDICATES STRAP TO BE PLACED ON SIDE OF MEMBER
- XX — INDICATES MECHANICAL UNIT TYP - SEE "M" SERIES DRAWINGS
- XX — INDICATES MECHANICAL UNIT NUMBER
- XXX# — INDICATES MAXIMUM DESIGN WEIGHT
- INDICATES MECH UNITS. SEE TYPICAL MECHANICAL OPENING FRAMING LAYOUT ON **S0.91**. PROVIDE DOUBLE JOIST AT MECH UNIT UNO.
- 1 — INDICATES TOP PLATE SPLICE PER **7** / **S0.71**
  USE 1 AT ALL SHEAR AND BEARING WALLS UNLESS NOTED OTHERWISE.
- INDICATES LVL LEDGER PER PLAN - SPLICE W/ (2) MSTI48 TYP, UNO PER **11** / **S0.73**
- A — INDICATES SHEAR WALL MARK FOR PLYWOOD SHEAR WALL.
- HD — INDICATES SHEAR WALL TYPE PER SCHEDULE **1** / **S0.81**
- 12'-0" — INDICATES HOLDOWN TYPE EACH END OF SHEAR WALL .
- 5 — INDICATES SHEAR WALL DESIGN LENGTH
- INDICATES MIN NUMBER OF ANCHOR BOLTS, SEE **1** / **S0.81**
- INDICATES HOLDOWN LOCATION. FOR HOLDOWN SEE **1** / **S0.82**
- OR POST HDU5 — INDICATES WOOD POST (HOLDOWN WHERE REQUIRED AT SPECIFIC LOCATION).
- INDICATES STEEL X- BRIDGING OR FULL HT BLOCKING PER **8** / **S0.78** , TYP.
- INDICATES FUTURE PV AREA, SEE PLAN NOTE #16.

KEY PLAN:



Santee — PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING
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08/01/2025 3:22:11 PM

REGISTERED PROFESSIONAL ENGINEER — ROBERT H. RANDALL — No. S4892 — EXP. 12/31/26 — STRUCTURAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS
CONTRACTOR:				
INSPECTOR:				
DATE COMPLETED				

BENCH MARK

SCALE — HORIZ: As indicated — VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. — DATE 04/30/2025
RCE NO. S4892 — EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S2.31A**
SHEET 146 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - MAIN ROOF FRAMING PLAN - SEGMENT A

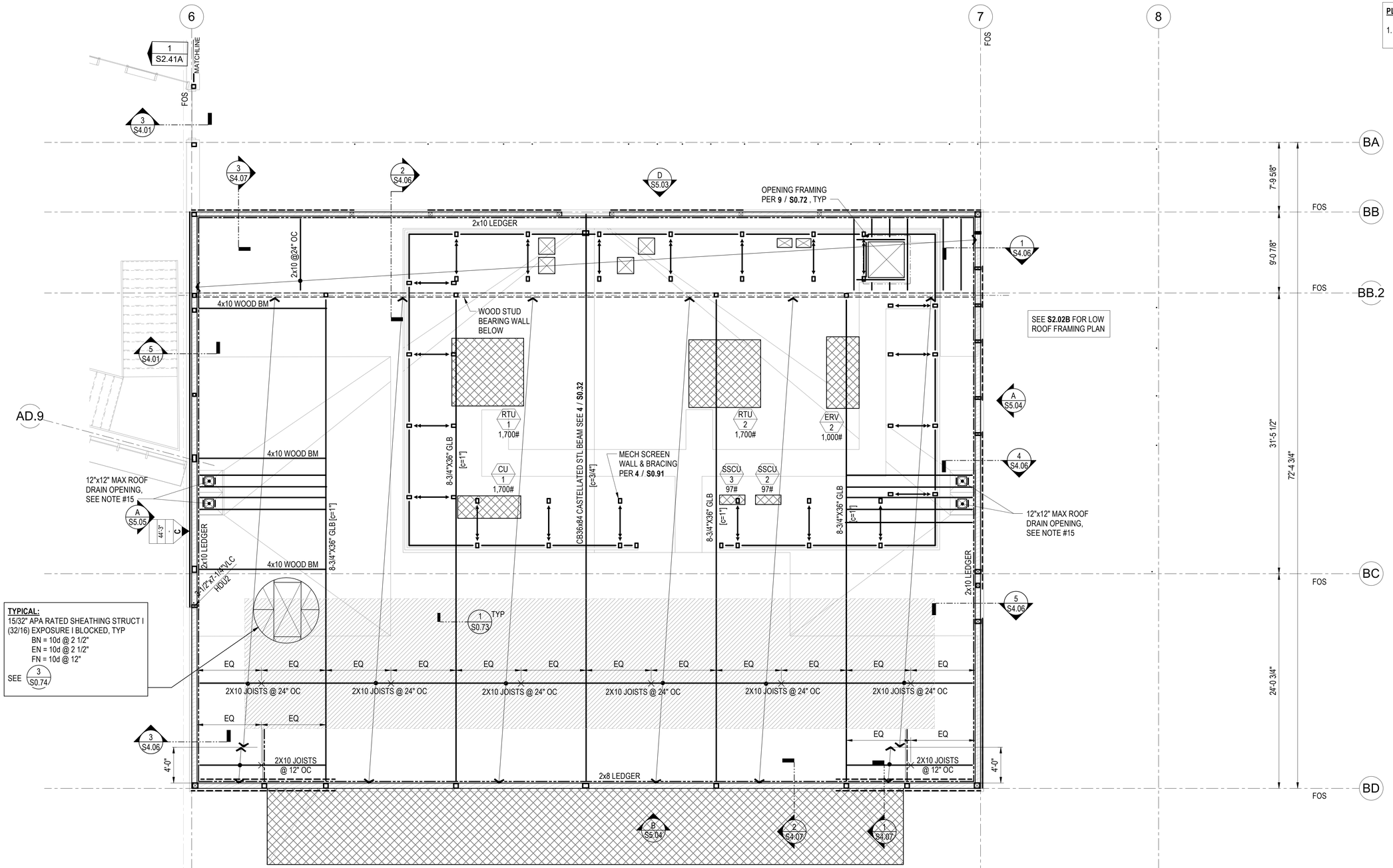
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100% CONSTRUCTION DOCUMENTS - 01/12/2024

PLAN NOTES:

1. REFER TO **S2.31A** FOR TYPICAL ROOF FRAMING PLAN NOTES AND LEGEND.



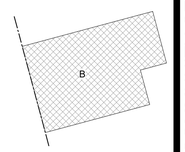
1 S2.31B HIGH ROOF FRAMING PLAN - SEGMENT B
3/16" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:11 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

KEY PLAN:



PN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

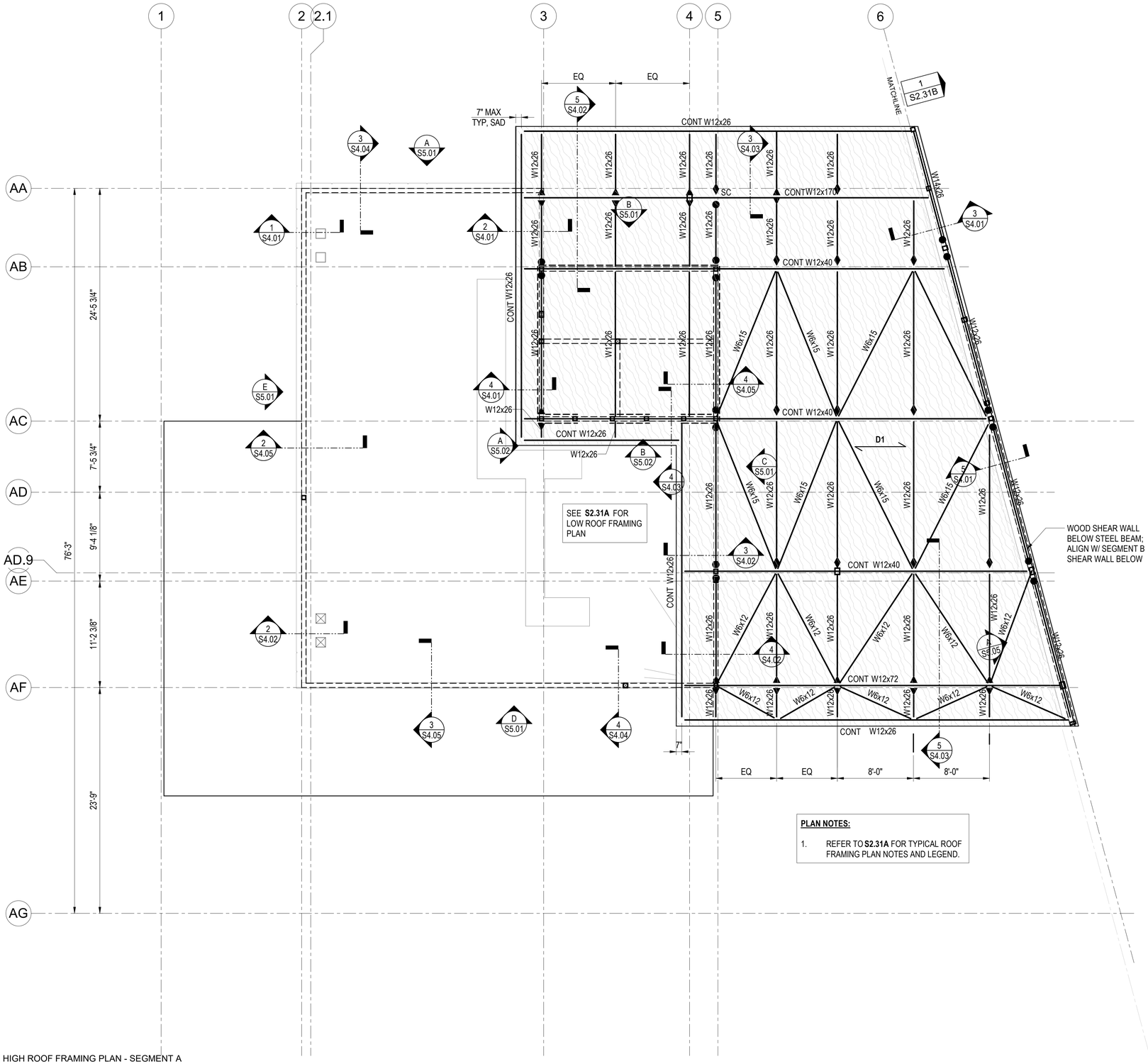
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S2.31B**
	SHEET 147 OF 294

SANTEE COMMUNITY CENTER - MAIN ROOF FRAMING PLAN - SEGMENT B

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PLAN NOTES:

1. REFER TO **S2.31A** FOR TYPICAL ROOF FRAMING PLAN NOTES AND LEGEND.

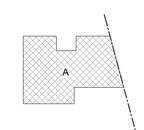
1 S2.41A HIGH ROOF FRAMING PLAN - SEGMENT A
3/16" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST A SAFEbuilt COMPANY
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KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

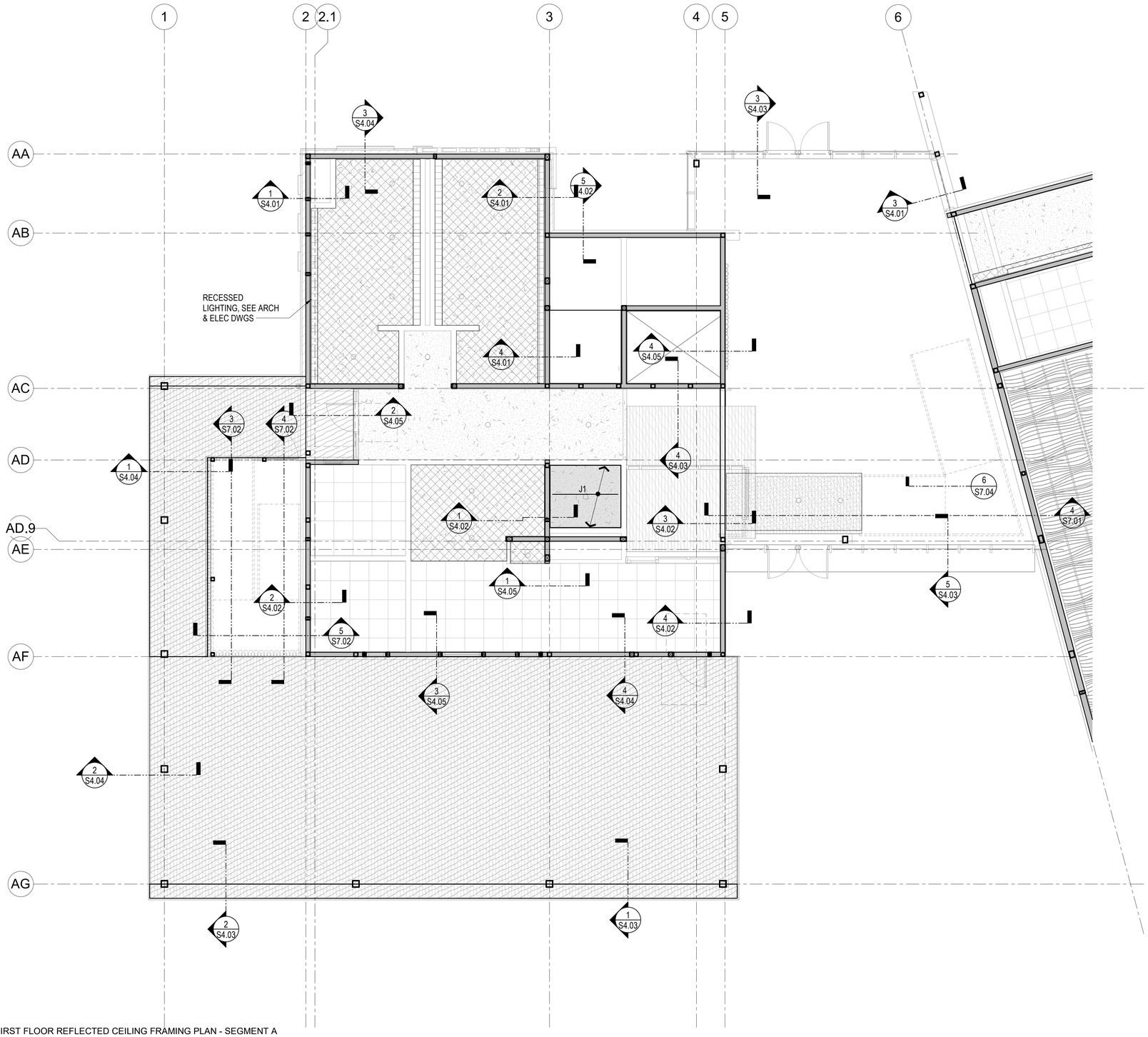
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S2.41A**
	SHEET 148 OF 294

SANTEE COMMUNITY CENTER - HIGH ROOF FRAMING PLAN - SEGMENT A

Please Recycle

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1 S2.61A FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A
3/16" = 1'-0"

CEILING FRAMING PLAN NOTES & LEGEND:

1. INDICATES AREA TO RECEIVE CEILING JOIST FRAMING. REFER TO TYPICAL FRAMING DETAILS & SCHEDULE ON **1** / **S0.52**
2. INDICATES SPAN DIRECTION OF JOIST. JOIST, SEE NOTE #3.
3. "J" INDICATES LIGHT GAUGE METAL JOIST BASED ON SPAN TYPE PER SCHEDULE SEE **1** / **S0.52**
4. INDICATES AREA TO RECEIVE INTERIOR SOFFIT FRAMING REFER TO TYPICAL CEILING DETAIL **1** / **S0.52** . PROVIDE HANGER AS SPECIFIED.
5. INDICATES AREA TO RECEIVE SOFFIT FRAMING PER **3** / **S0.51** . PROVIDE HANGER AS SPECIFIED.
6. INDICATES AREA TO RECEIVE SOFFIT FRAMING DIRECTLY ATTACHED TO STEEL BEAMS. REFER TO TYPICAL EXTERIOR CEILING DETAIL **3** / **S0.51**.
7. INDICATES AREA TO RECEIVE CEILING SUPPORT FRAMING UNDER EXTERIOR DECK PER **11** / **S6.01**.
8. INDICATES RECESSED LIGHTING, SEE ARCH/ELEC DWGS FOR ATTACHMENT DETAILS.

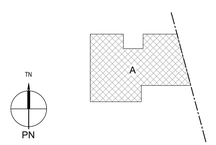
Santee DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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Reviewed by: AS**adre**
Date: **Aug 22, 2025**

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KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
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DATE COMPLETED						

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HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S2.61A**
SHEET 149 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

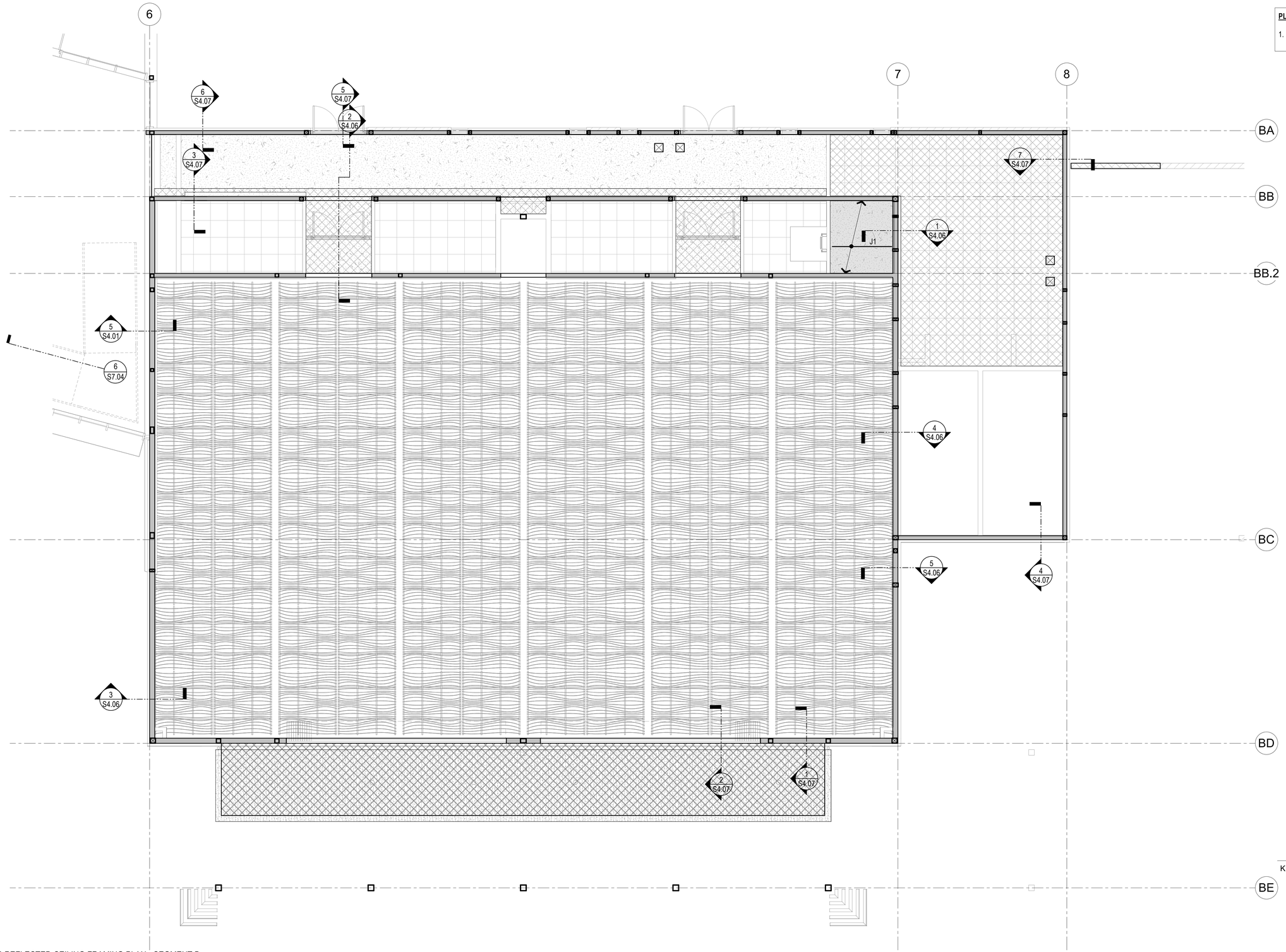
SANTEE COMMUNITY CENTER - FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A

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PLAN NOTES:

1. REFER TO **S2.61A** FOR TYPICAL CEILING FRAMING PLAN NOTES AND LEGEND.



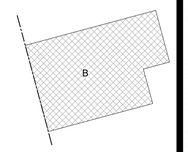
1 / S2.61B FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT B
3/16" = 1'-0"

Santee
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
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REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

KEY PLAN:



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
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	RCE NO. S4892	EXPIRES 12/31/2026	

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BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S2.61B**
SHEET 150 OF 294

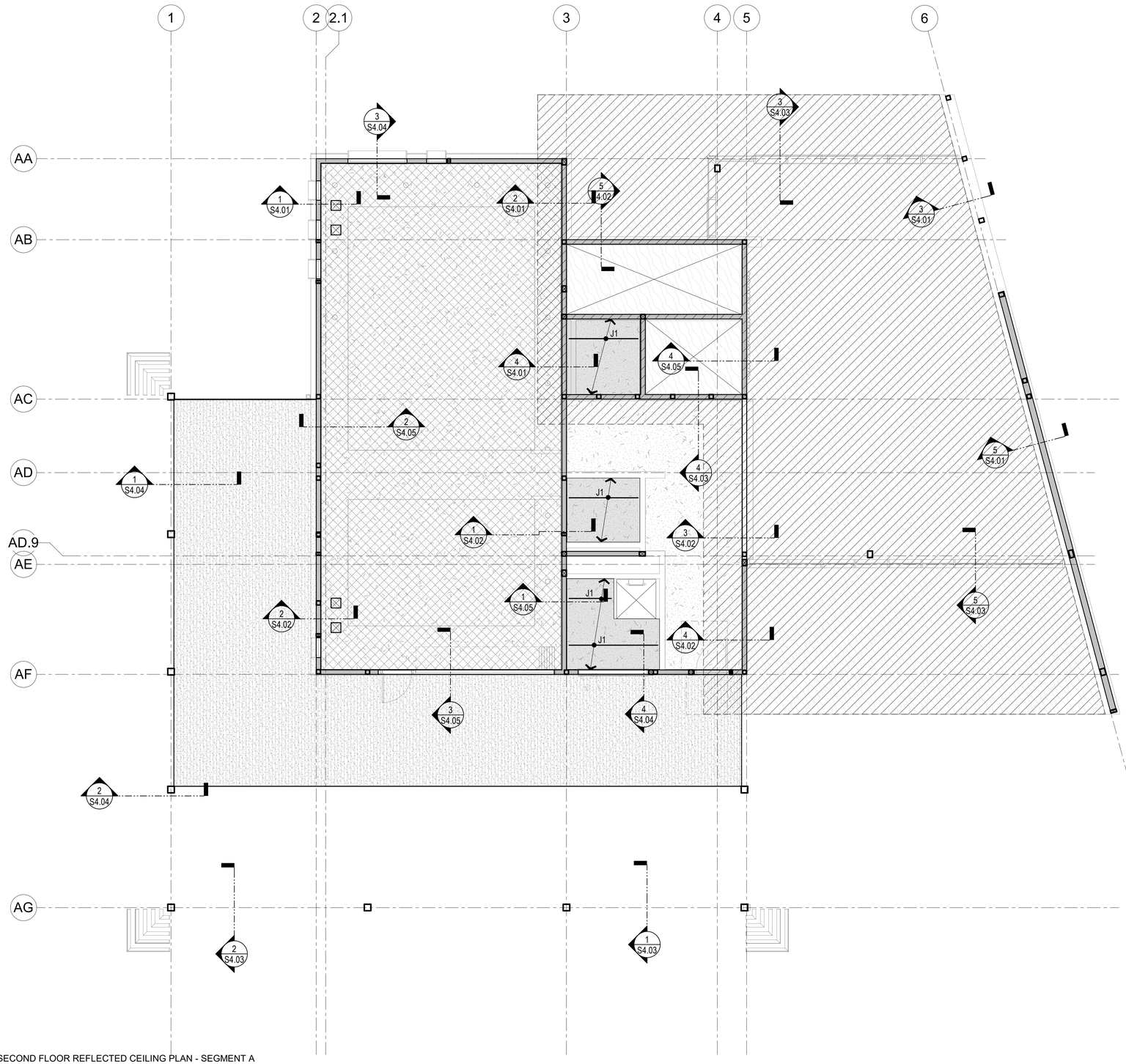
SANTEE COMMUNITY CENTER - FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT B

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PLAN NOTES:

1. REFER TO **S2.61A** FOR TYPICAL CEILING FRAMING PLAN NOTES AND LEGEND.

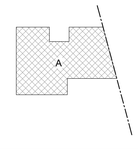


1 / S2.62A SECOND FLOOR REFLECTED CEILING PLAN - SEGMENT A
3/16" = 1'-0"

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
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Date: Aug 22, 2025

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Approved
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CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
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DATE COMPLETED						

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HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S2.62A**
SHEET 151 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - SECOND FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A

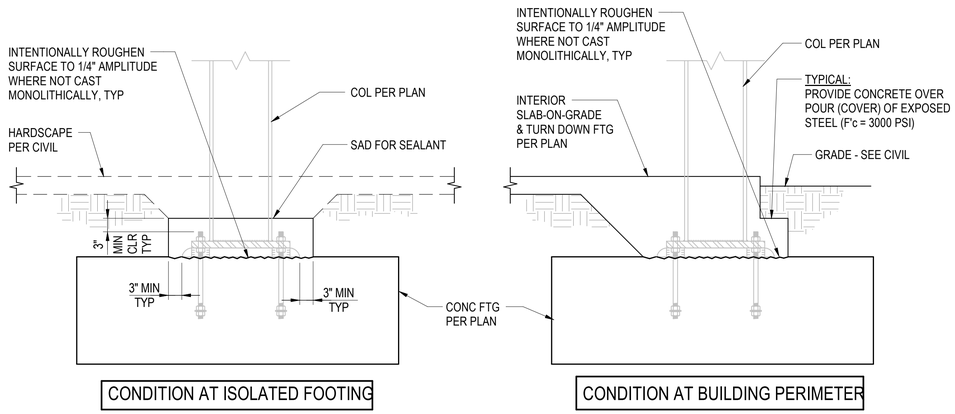
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WALL FOOTING SCHEDULE

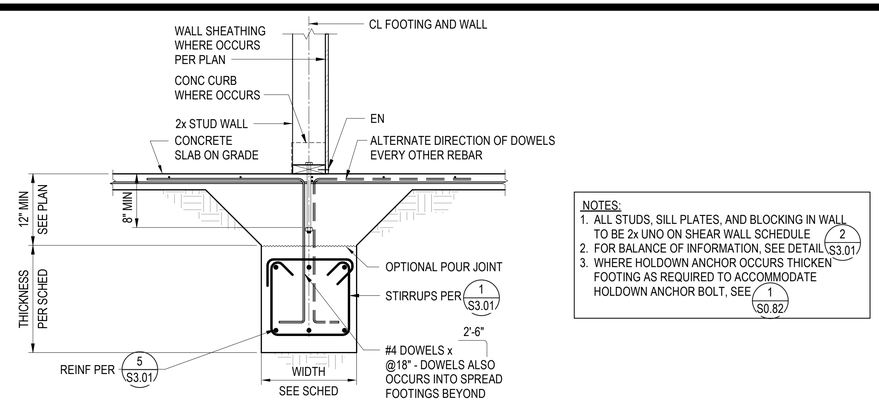
MARK	WIDTH	DEPTH	REINFORCING		REMARKS
			BOTTOM	TOP	
WF-1	1'-6"	2'-0"	(2)-#5	(2)-#5	REINF PER **1** / **S3.01**@ EXT WALL REINF PER **3** / **S3.01**@ INT WALL
WF-2	2'-6"	2'-0"	(3)-#6	(3)-#6	REINF PER **1** / **S3.01**@ EXT WALL REINF PER **3** / **S3.01**@ INT WALL
WF-3	3'-6"	2'-0"	(5)-#6	(5)-#6	REINF PER **1** / **S3.01**@ EXT WALL REINF PER **3** / **S3.01**@ INT WALL
WF-4	5'-0"	2'-0"	(8)-#7	(8)-#7	REINF PER **1** / **S3.01**@ EXT WALL REINF PER **3** / **S3.01**@ INT WALL

NOTES:
1. "ld"=STRAIGHT DEVELOPMENT LENGTH PER "TYPICAL STRAIGHT AND HOOKED DEVELOPMENT LENGTH SCHEDULE".
2. PROVIDE STANDARD HOOK WHERE A STRAIGHT BAR WITH "ld" CANNOT BE PROVIDED.

5 / S3.01 TYPICAL GRADE BEAM SCHEDULE
3/4" = 1'-0"

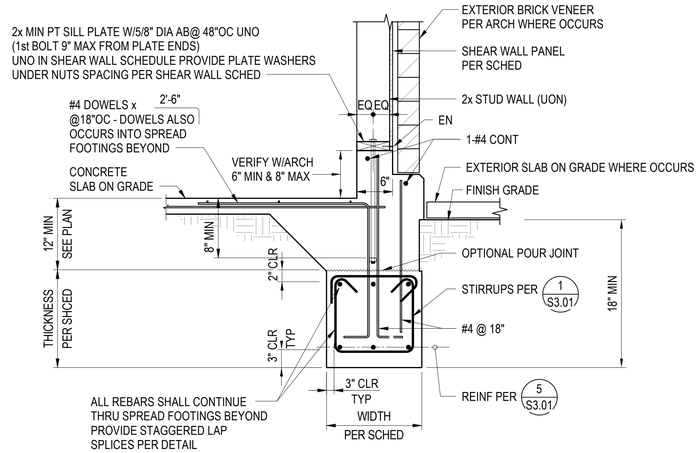


4 / S3.01 COLUMN BASE PLATE OVERPOUR PROTECTION AT EXTERIOR FOOTINGS
3/4" = 1'-0"



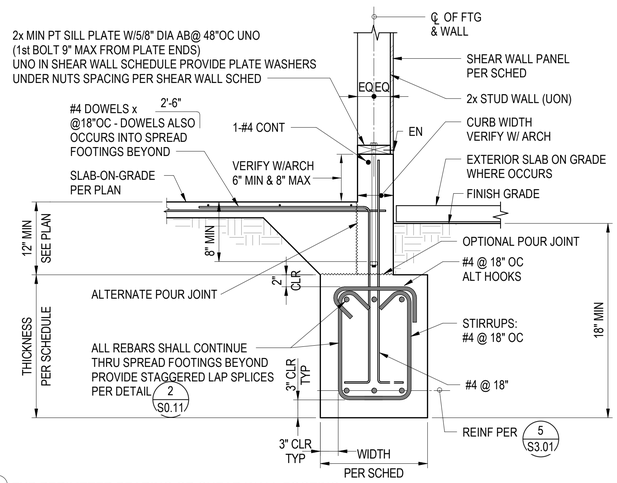
NOTES:
1. ALL STUDS, SILL PLATES, AND BLOCKING IN WALL TO BE 2x UNO ON SHEAR WALL SCHEDULE
2. FOR BALANCE OF INFORMATION, SEE DETAIL 2 / S3.01
3. WHERE HOLDOWN ANCHOR OCCURS THICKEN FOOTING AS REQUIRED TO ACCOMMODATE HOLDOWN ANCHOR BOLT, SEE 1 / S0.82

3 / S3.01 TYPICAL INTERIOR BEARING OR SHEAR WALL AT FOOTING
1" = 1'-0"



NOTES:
1. ALL STUDS, SILL PLATES, AND BLOCKING IN WALL TO BE 2x UNO ON SHEAR WALL SCHEDULE
2. WHERE HOLDOWN ANCHOR OCCURS THICKEN FOOTING AS REQUIRED TO ACCOMMODATE HOLDOWN ANCHOR BOLT, SEE 1 / S0.82

2 / S3.01 TYP PERIMETER BEARING OR SHEAR WALL AT FOOTING
1" = 1'-0"



NOTES:
1. ALL STUDS, SILL PLATES, AND BLOCKING IN WALL TO BE 2x UNO ON SHEAR WALL SCHEDULE
2. WHERE HOLDOWN ANCHOR OCCURS THICKEN FOOTING AS REQUIRED TO ACCOMMODATE HOLDOWN ANCHOR BOLT, SEE 1 / S0.82

1 / S3.01 TYP PERIMETER BEARING OR SHEAR WALL FOOTING
1" = 1'-0"

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:12 PM

WOOD-FNDN-0001

REGISTERED PROFESSIONAL ENGINEER — ROBERT H. RANDALL — No. S4892 — EXP. 12/31/26 — STRUCTURAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

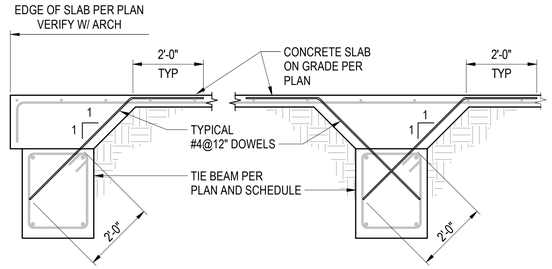
DRAWING NO. **S3.01**
SHEET 152 OF 294

SANTEE COMMUNITY CENTER - FOUNDATION SCHEDULE AND DETAILS

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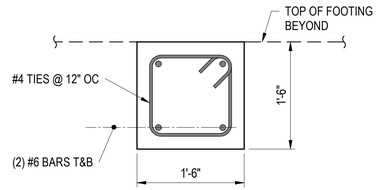
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5 / S3.02 TYPICAL SLAB ON GRADE TO TIE BEAM CONNECTION DETAIL
3/4" = 1'-0"

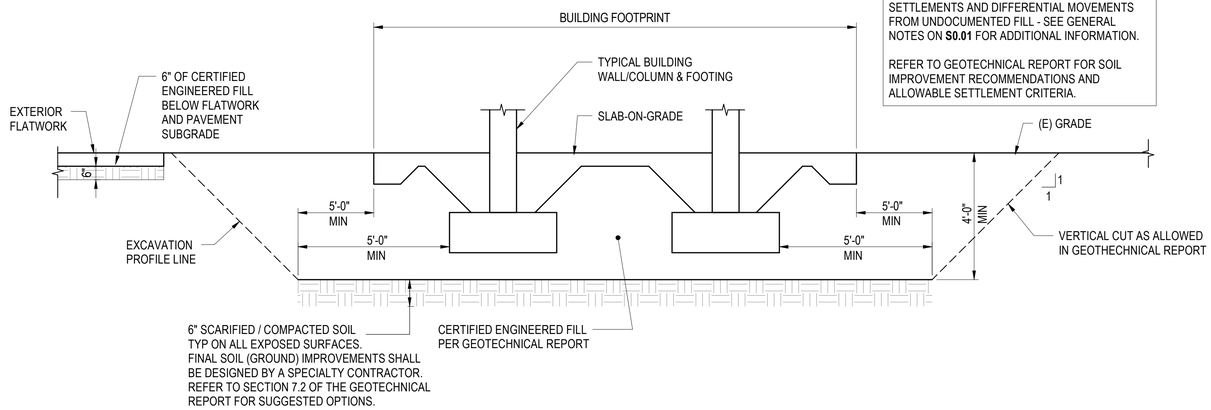
NOTES:
1. SEE **5** / **S3.02** FOR CONNECTION TO SLAB ABOVE, WHERE OCCURS.
2. ALL REBARS SHALL CONTINUE THRU SPREAD FOOTINGS BEYOND. PROVIDE STAGGERED LAP SPLICES PER DETAIL. 2 / S0.11



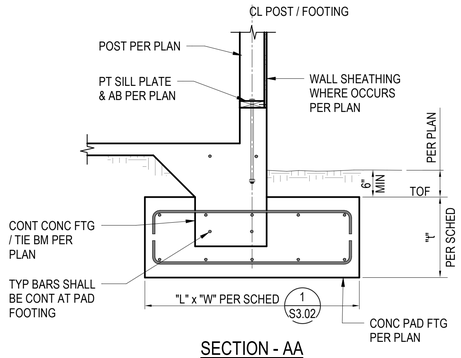
4 / S3.02 TYPICAL TIE BEAM
1" = 1'-0"

NOTE:
SOIL IMPROVEMENTS ARE REQUIRED TO MITIGATE THE POTENTIAL FOR LIQUIFACTION-INDUCED SETTLEMENTS AND DIFFERENTIAL MOVEMENTS FROM UNDOCUMENTED FILL - SEE GENERAL NOTES ON **S0.01** FOR ADDITIONAL INFORMATION.

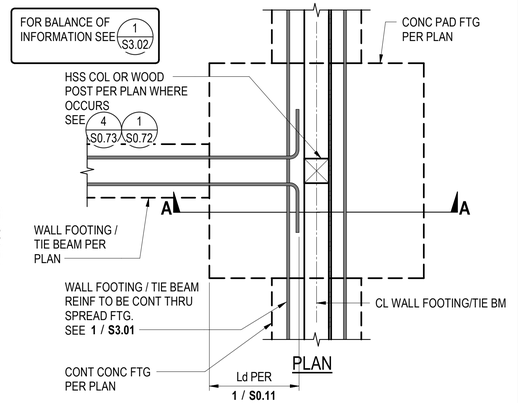
REFER TO GEOTECHNICAL REPORT FOR SOIL IMPROVEMENT RECOMMENDATIONS AND ALLOWABLE SETTLEMENT CRITERIA.



3 / S3.02 TYPICAL EXCAVATION PROFILE
3/8" = 1'-0"



SECTION - AA

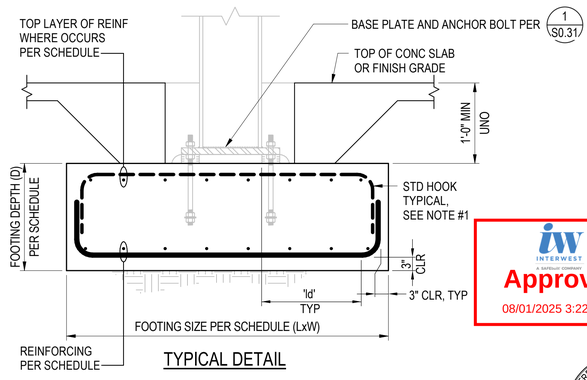


2 / S3.02 TYPICAL SPREAD FOOTING AT EXTERIOR CONTINUOUS FOOTING
3/4" = 1'-0"

SPREAD FOOTING SCHEDULE

MARK	DEPTH (D)	SIZE (LxW)	REINFORCING				REMARKS
			BOTTOM		TOP		
			SHORT	LONG	SHORT	LONG	
F1	24"	3'-0"x3'-0"	(5)-#6	(5)-#6	-	-	
F2	24"	4'-0"x4'-0"	(6)-#6	(6)-#6	-	-	
F3	24"	5'-0"x5'-0"	(7)-#6	(7)-#6	-	-	NOT USED
F4	24"	4'-6"x4'-6"	(6)-#6	(6)-#6	(6)-#6	(6)-#6	
F5	24"	6'-0"x6'-0"	(8)-#6	(8)-#6	(8)-#6	(8)-#6	

NOTES:
1. "ld"=STRAIGHT DEVELOPMENT LENGTH PER "TYPICAL STRAIGHT AND HOOKED DEVELOPMENT LENGTH SCHEDULE".
2. PROVIDE STANDARD HOOK WHERE A STRAIGHT BAR WITH "ld" CANNOT BE PROVIDED.



TYPICAL DETAIL

1 / S3.02 TYPICAL SPREAD FOOTING AND GRADE BEAM SCHEDULE AND DETAIL
3/4" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:12 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S3.02**
SHEET 153 OF 294

SANTEE COMMUNITY CENTER - FOUNDATION DETAILS

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

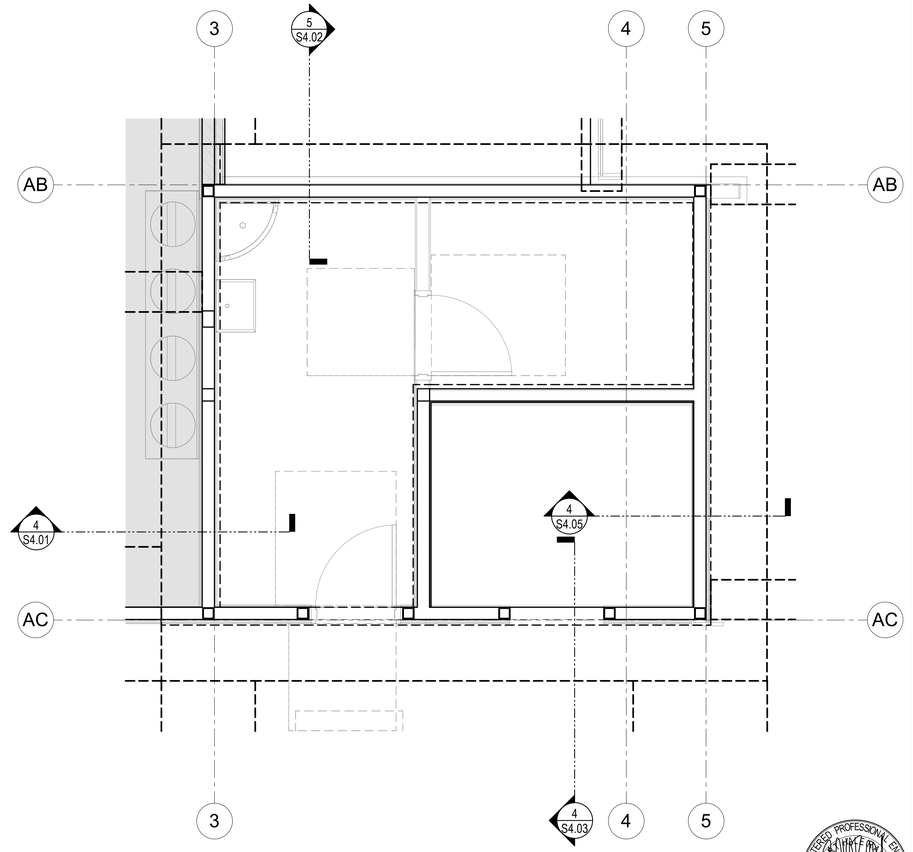
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Santee
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PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug** 2**2**, 202**5**

INTERWEST
A BATTALION COMPANY
Approved
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1 / S3.03 ENLARGED FOUNDATION PLAN
3/8" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/8" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

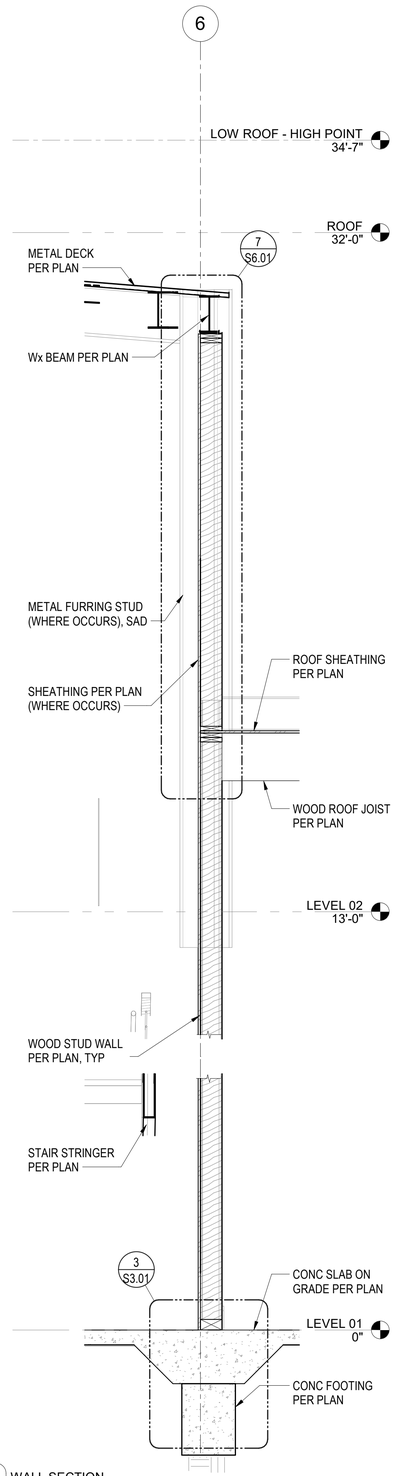
DRAWING NO.: **S3.03**
SHEET 154 OF 294

SANTEE COMMUNITY CENTER - ENLARGED FOUNDATION PLAN AND SECTIONS

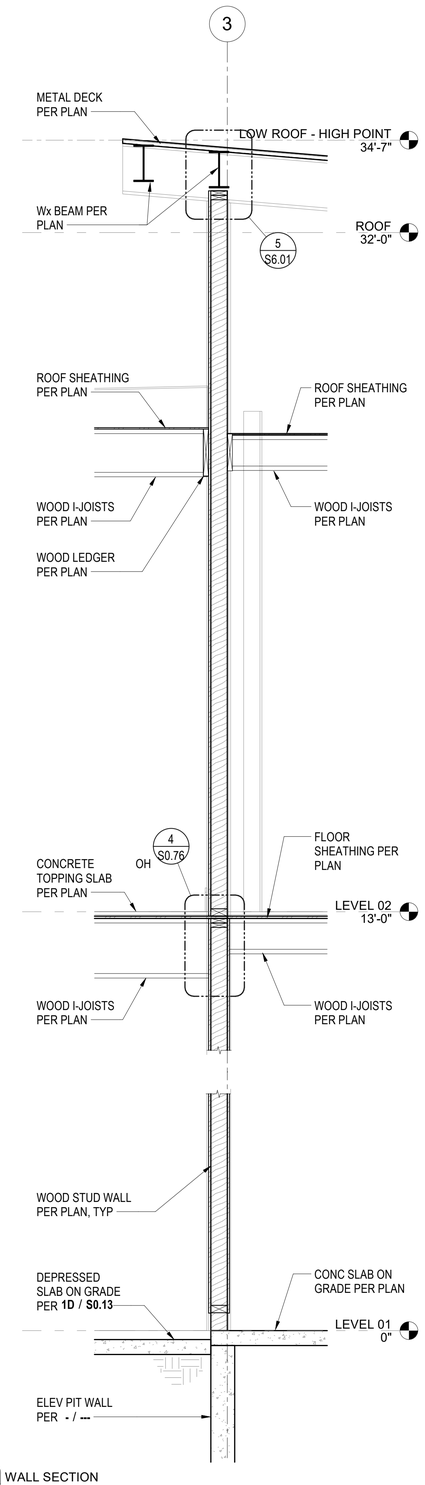
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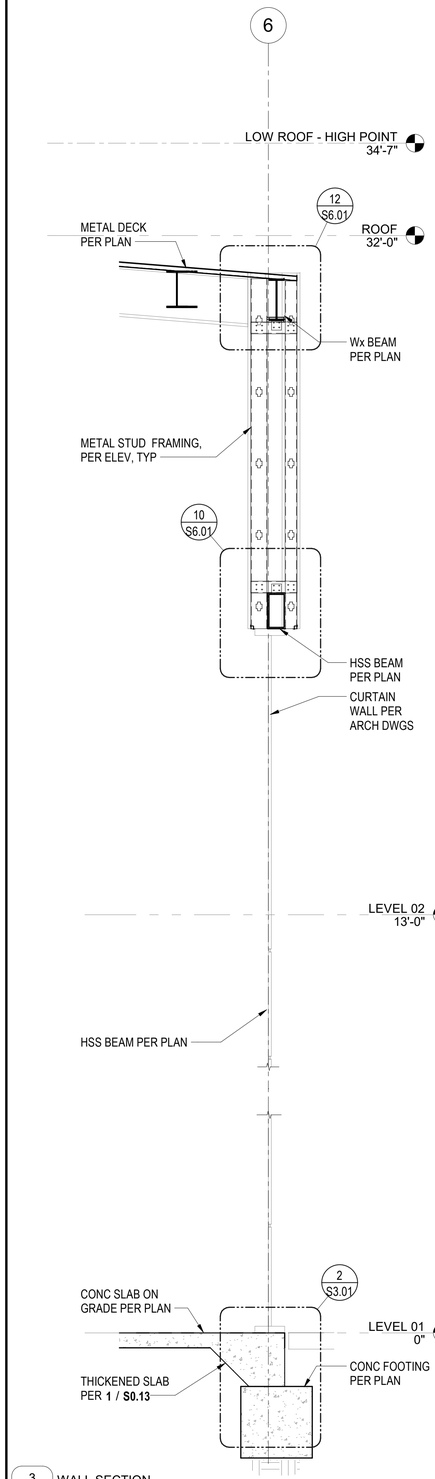
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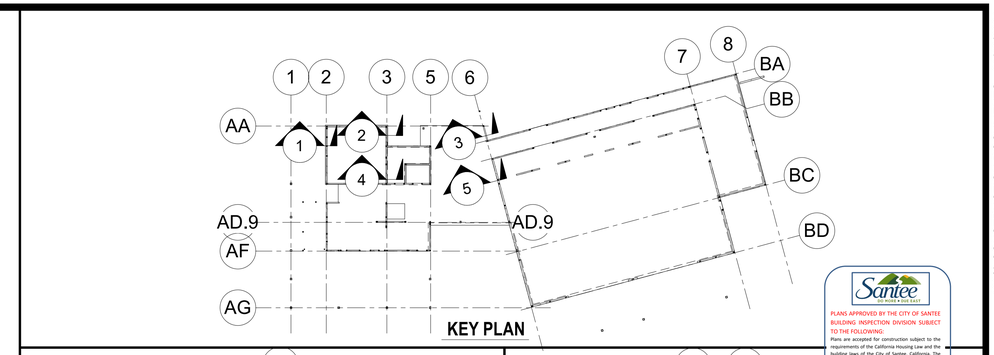
5 S4.01 WALL SECTION
1/2" = 1'-0"

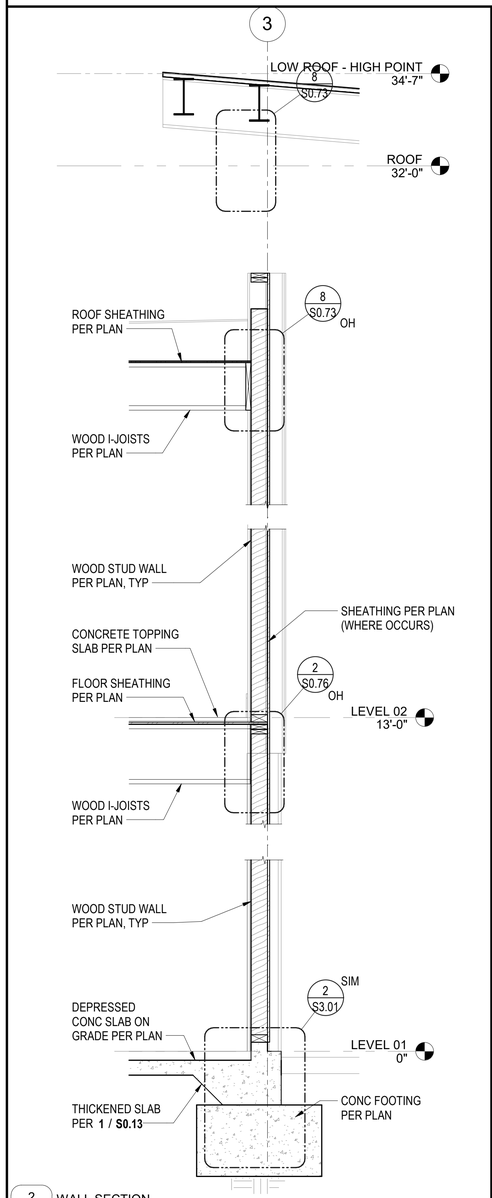


4 S4.01 WALL SECTION
1/2" = 1'-0"

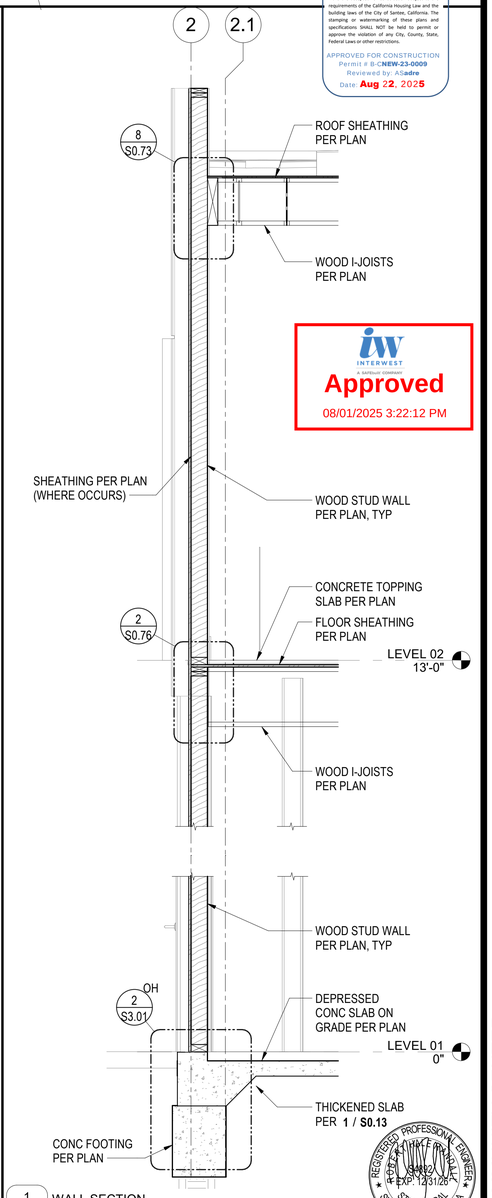


3 S4.01 WALL SECTION
1/2" = 1'-0"





2 S4.01 WALL SECTION
1/2" = 1'-0"



1 S4.01 WALL SECTION
1/2" = 1'-0"

Santee
PLANS APPROVED BY THE CITY OF SANTEE
BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: KAadre
Date: Aug 22, 2025

INTERWEST
A TAPESTRY COMPANY
Approved
08/01/2025 3:22:12 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
S4892
EXP: 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

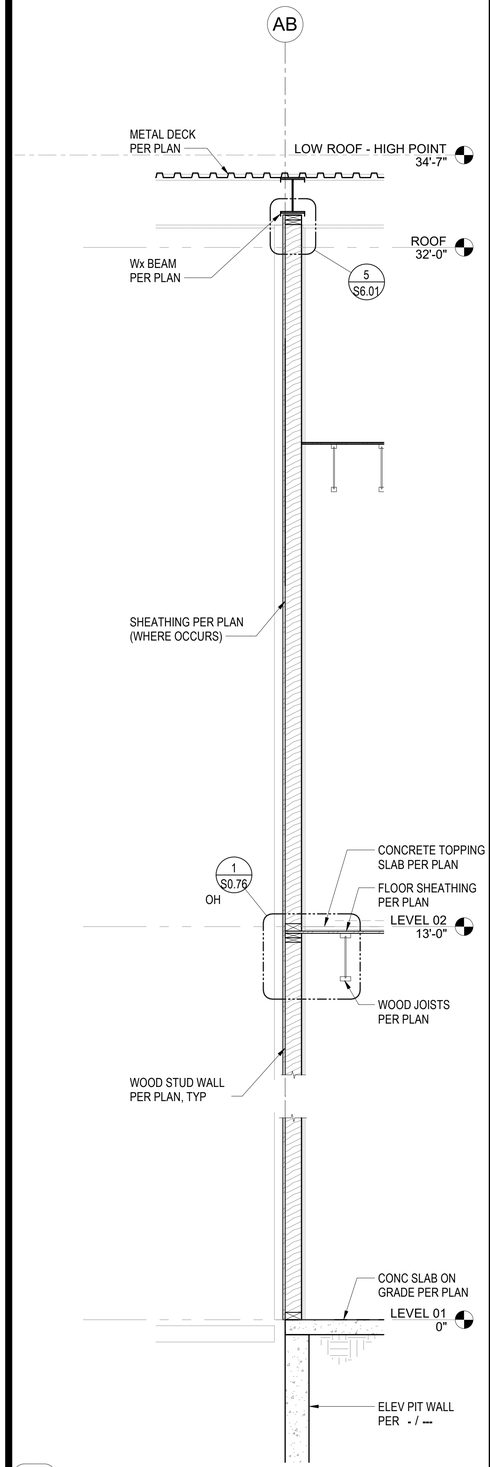
DRAWING NO.: **S4.01**
SHEET 155 OF 294

SANTEE COMMUNITY CENTER - WALL SECTIONS

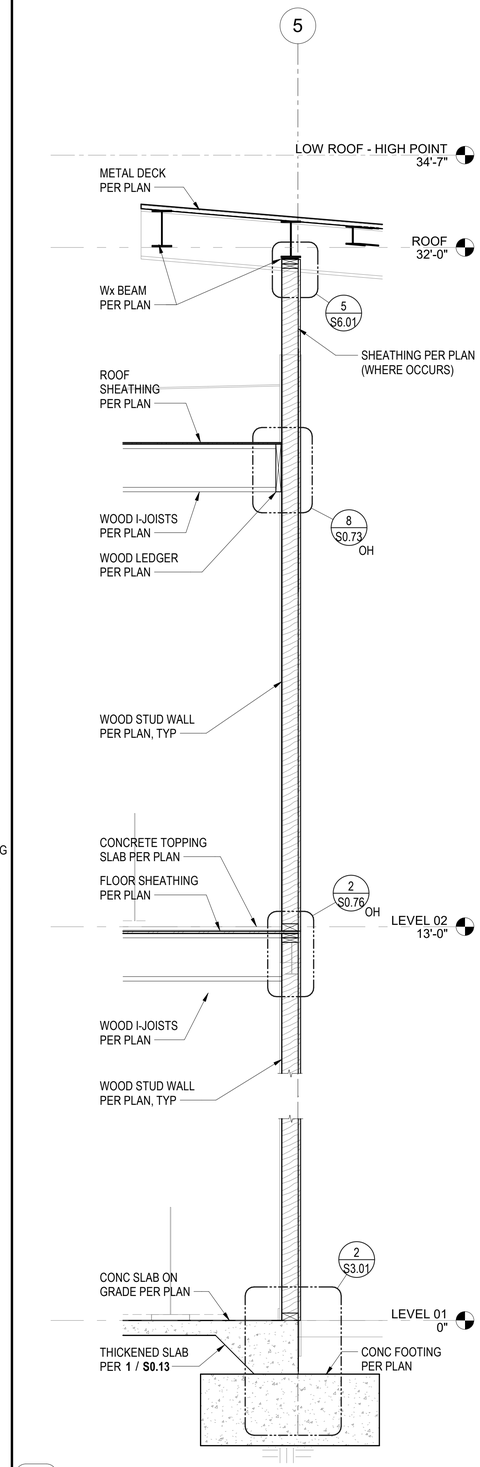
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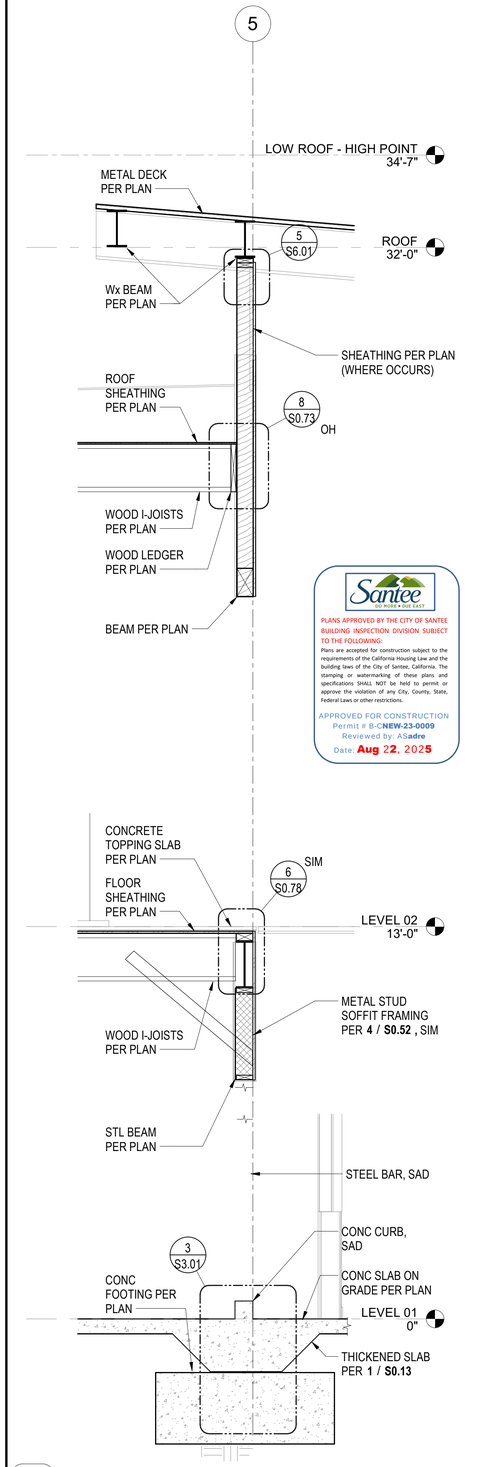
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5 S4.02 WALL SECTION
1/2" = 1'-0"

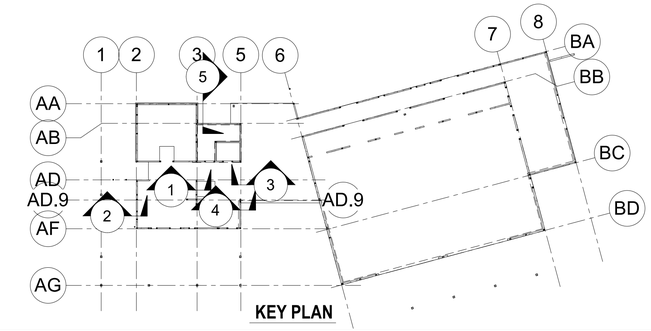


4 S4.02 WALL SECTION
1/2" = 1'-0"

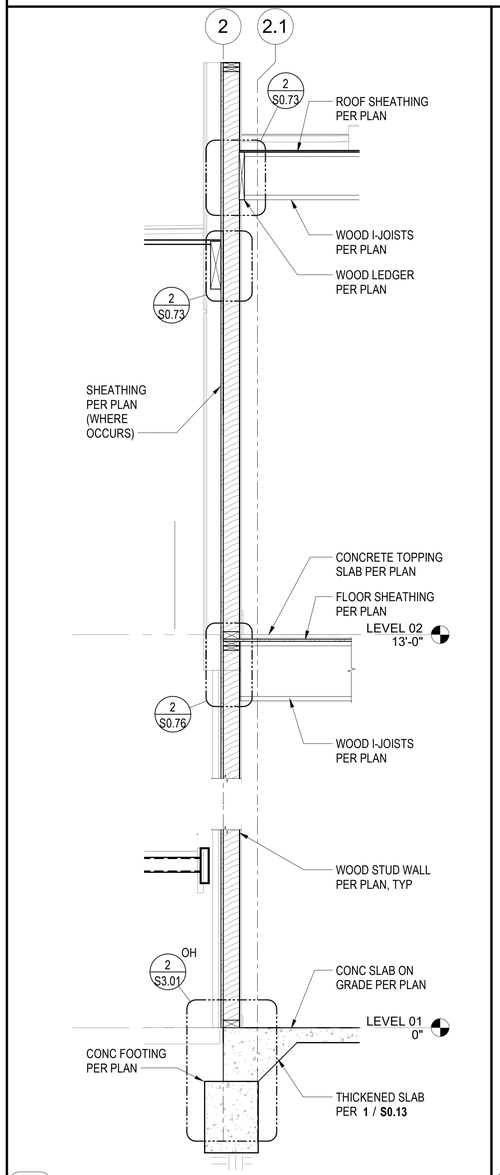


3 S4.02 WALL SECTION
1/2" = 1'-0"

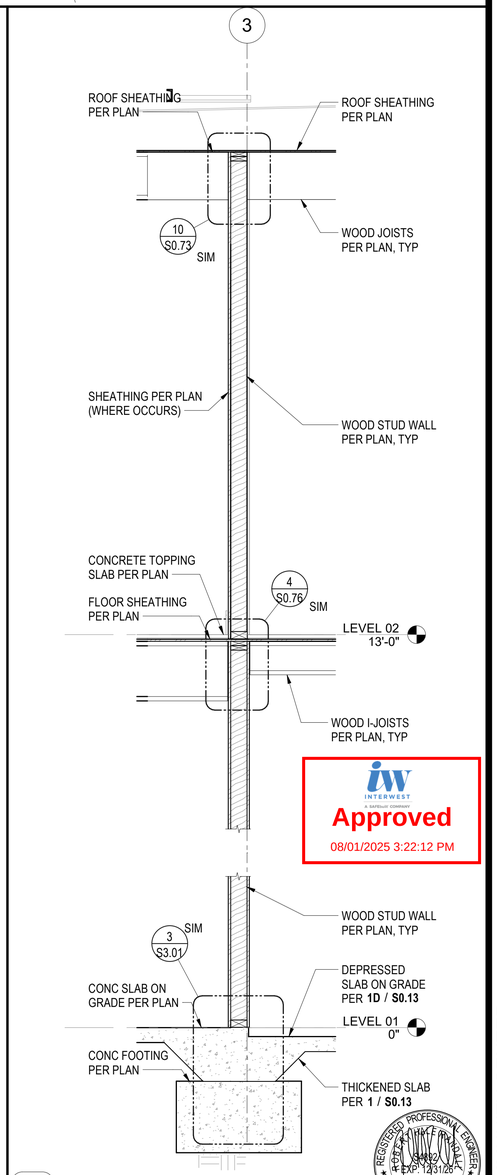
Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



KEY PLAN



2 S4.02 WALL SECTION
1/2" = 1'-0"



INTERWEST
Approved
08/01/2025 3:22:12 PM

1 S4.02 WALL SECTION
1/2" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

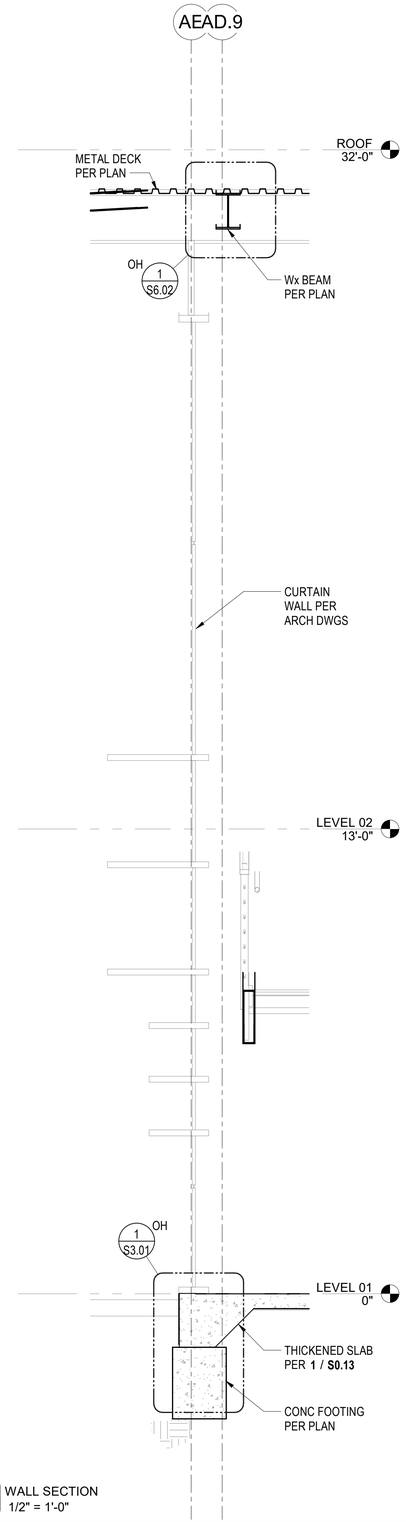
DRAWING NO.: **S4.02**
SHEET 156 OF 294

SANTEE COMMUNITY CENTER - WALL SECTIONS

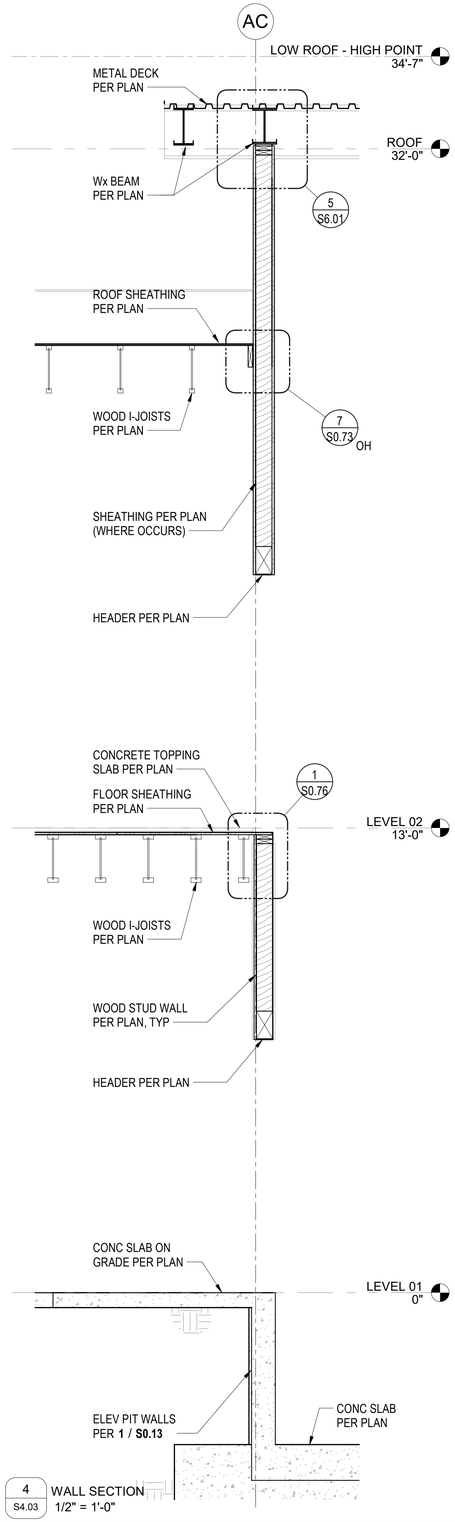
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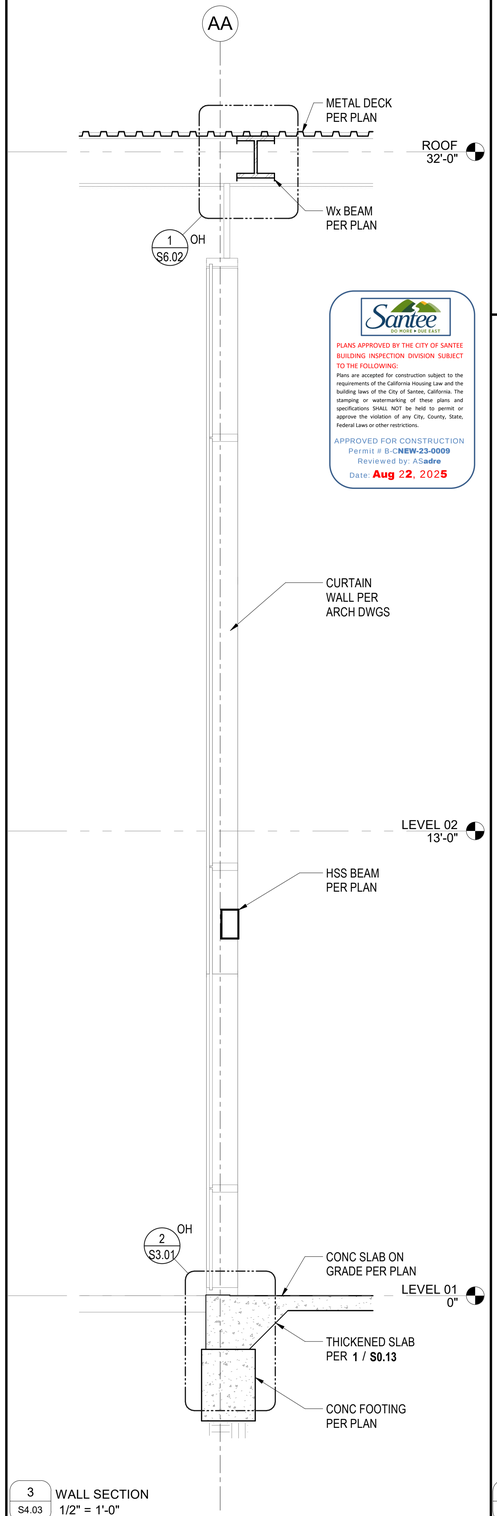
100% CONSTRUCTION DOCUMENTS - 01/12/2024



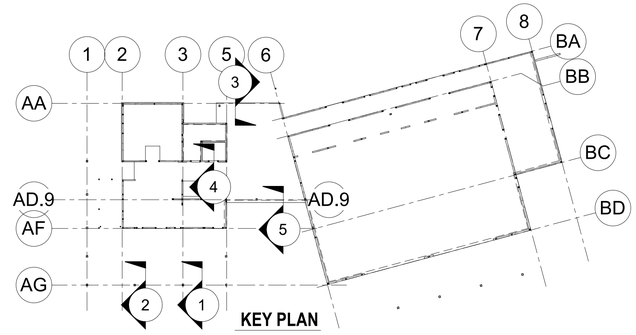
5 S4.03 WALL SECTION 1/2" = 1'-0"

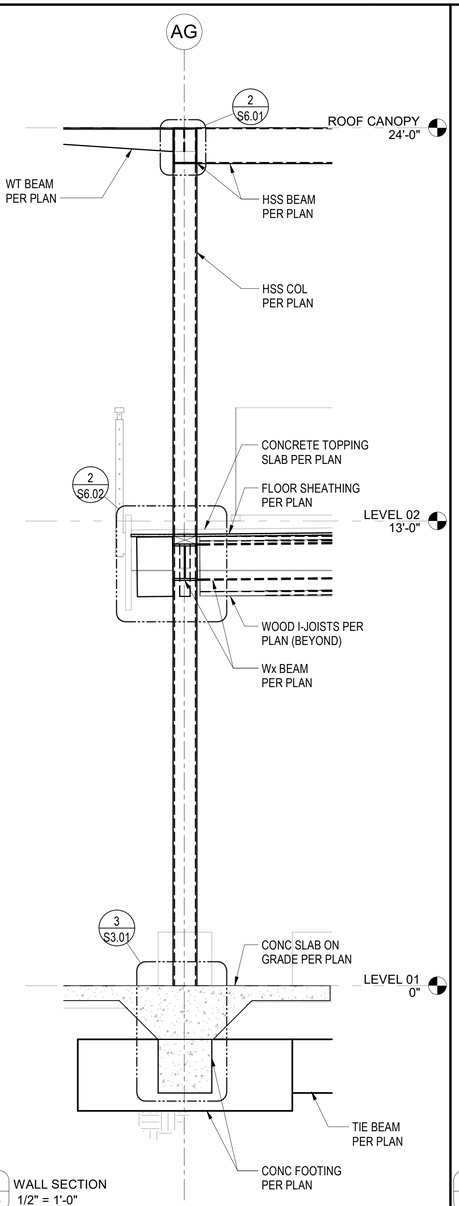


4 S4.03 WALL SECTION 1/2" = 1'-0"

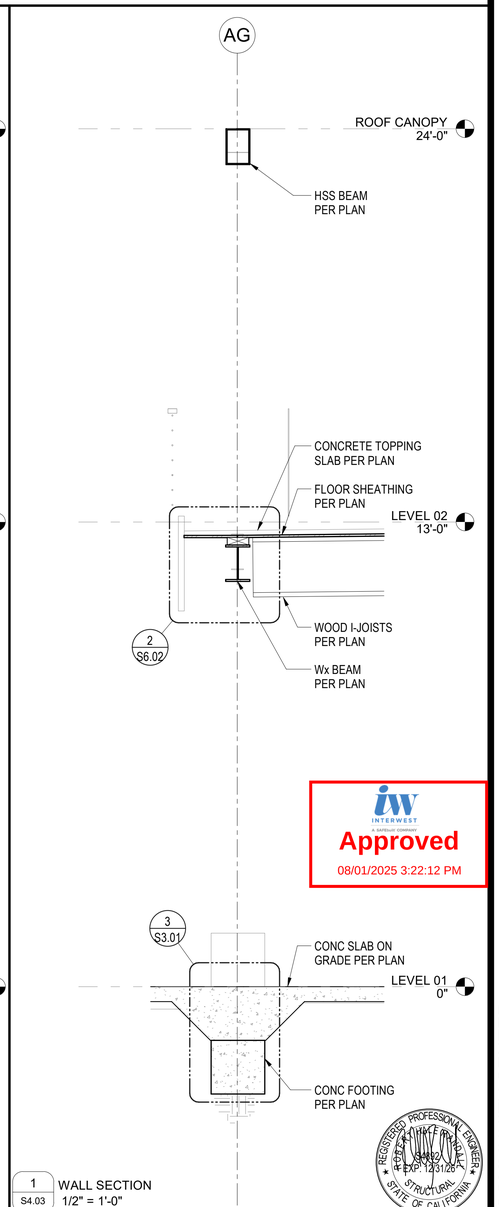


3 S4.03 WALL SECTION 1/2" = 1'-0"





2 S4.03 WALL SECTION 1/2" = 1'-0"



1 S4.03 WALL SECTION 1/2" = 1'-0"

Santee
DO MORE • DIG EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:12 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. S4.03

SHEET 157 OF 294

SANTEE COMMUNITY CENTER - WALL SECTIONS

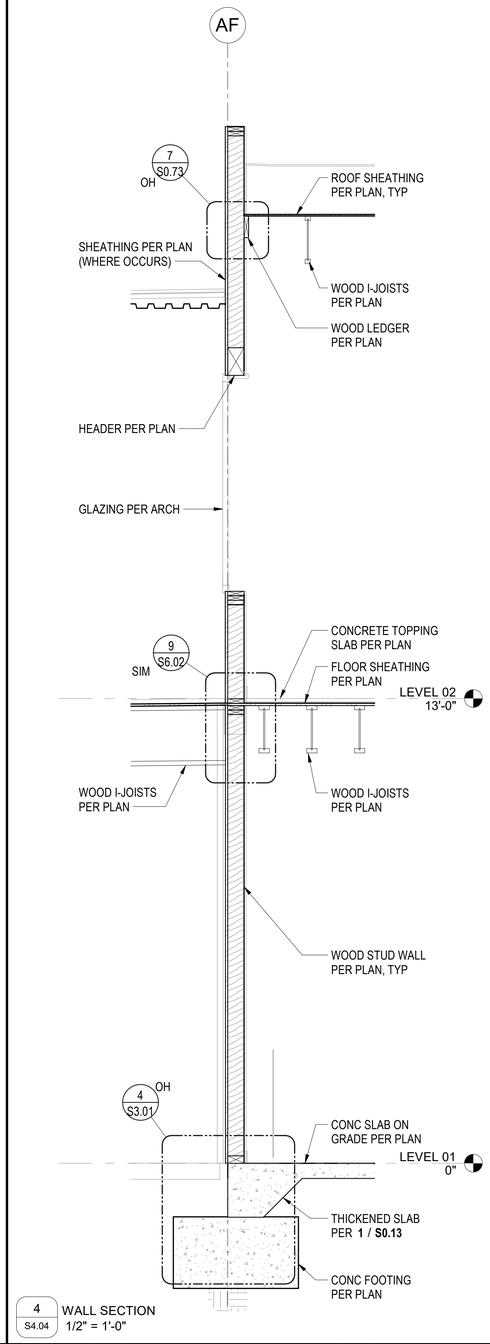
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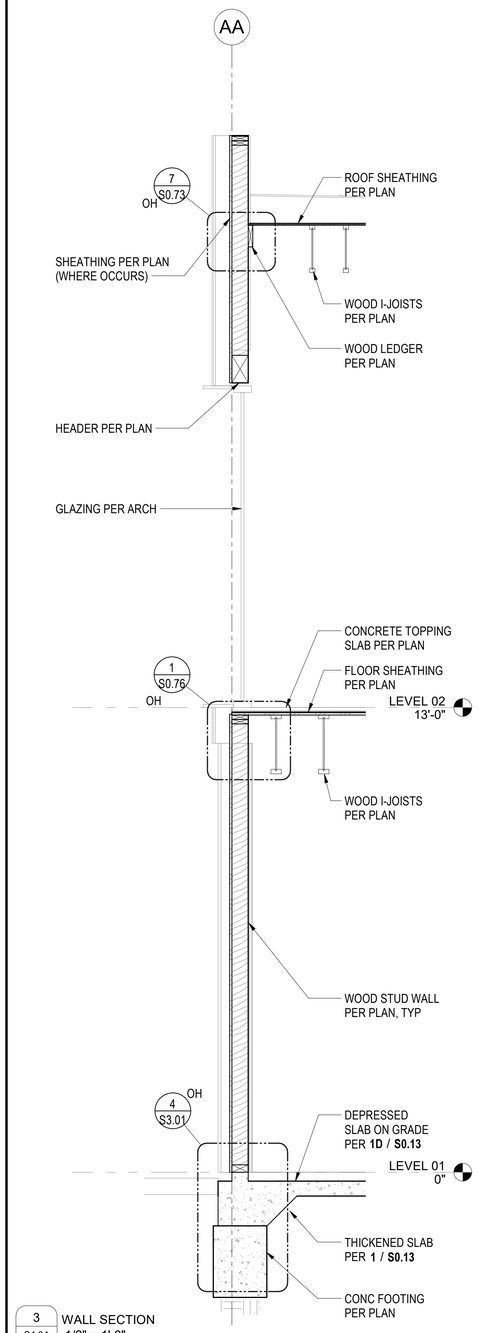
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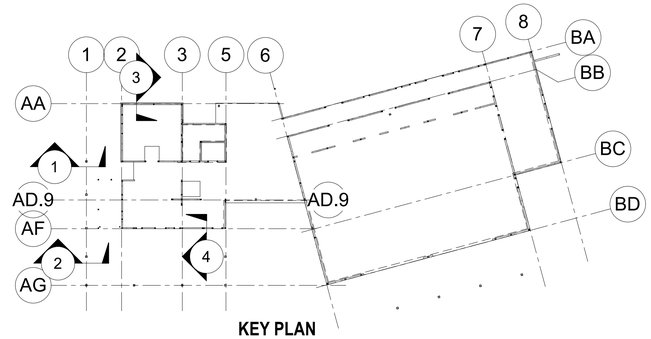
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**sadre**
Date: **Aug 22, 2025**

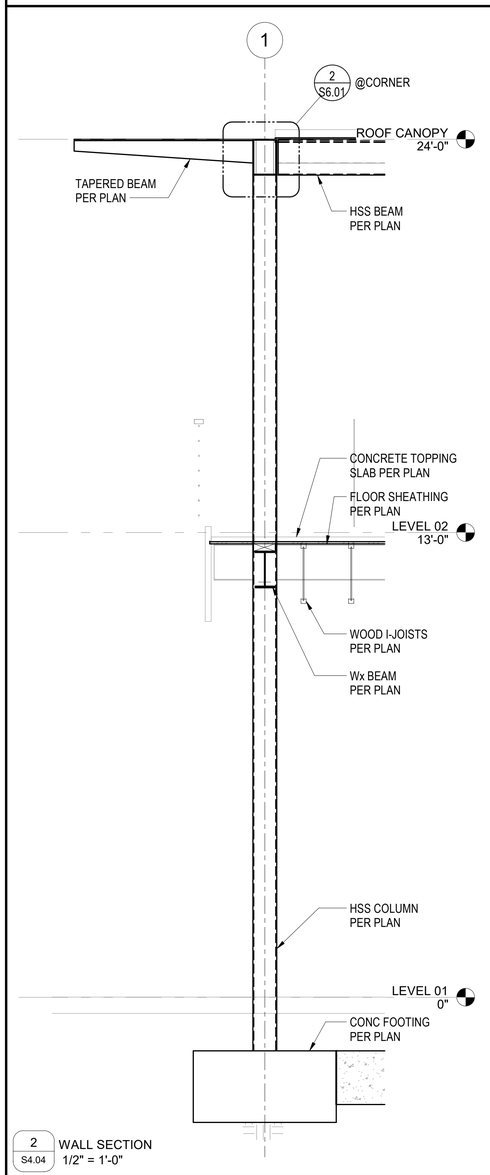


4 S4.04 WALL SECTION 1/2" = 1'-0"

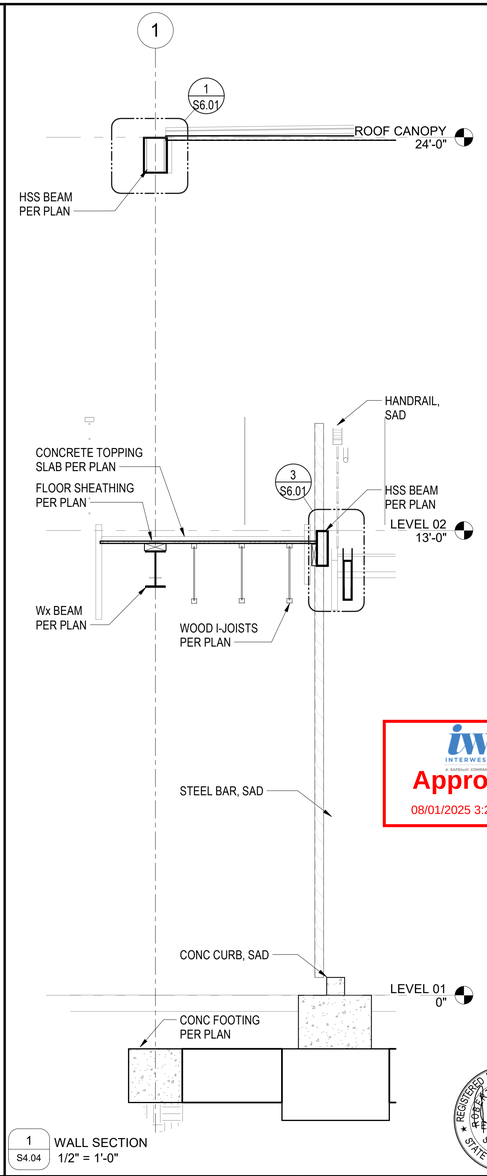


3 S4.04 WALL SECTION 1/2" = 1'-0"





2 S4.04 WALL SECTION 1/2" = 1'-0"



1 S4.04 WALL SECTION 1/2" = 1'-0"

INTERWEST
A Safeguard Company
Approved
08/01/2025 3:22:12 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S4.04**
SHEET 158 OF 294

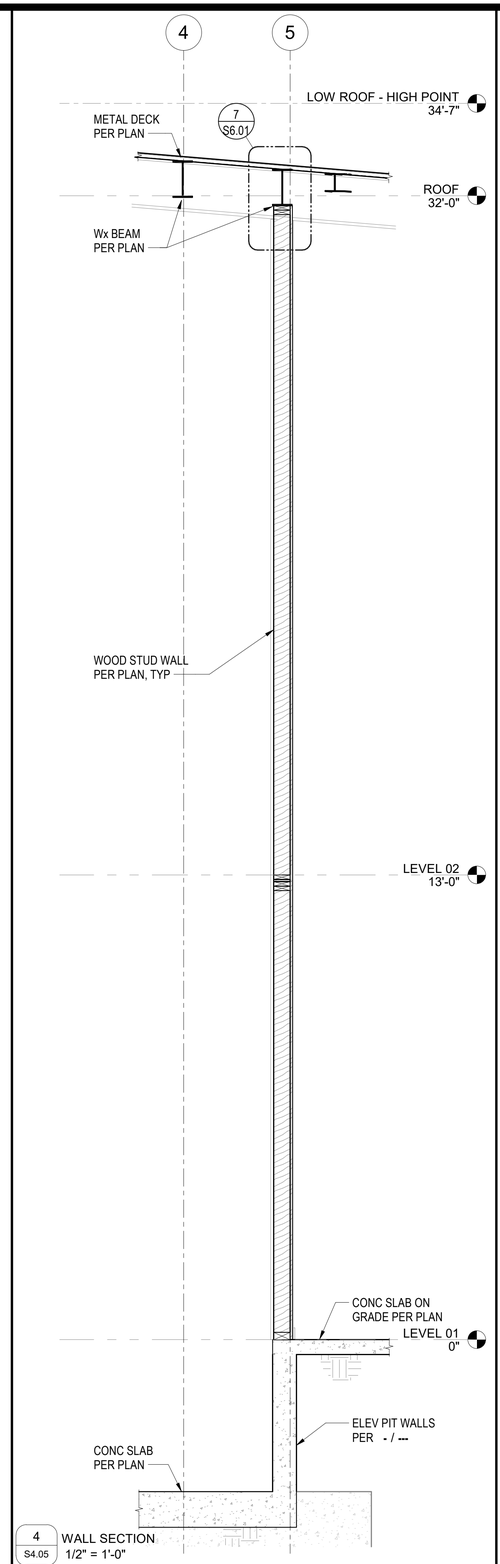
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SANTEE COMMUNITY CENTER - WALL SECTIONS

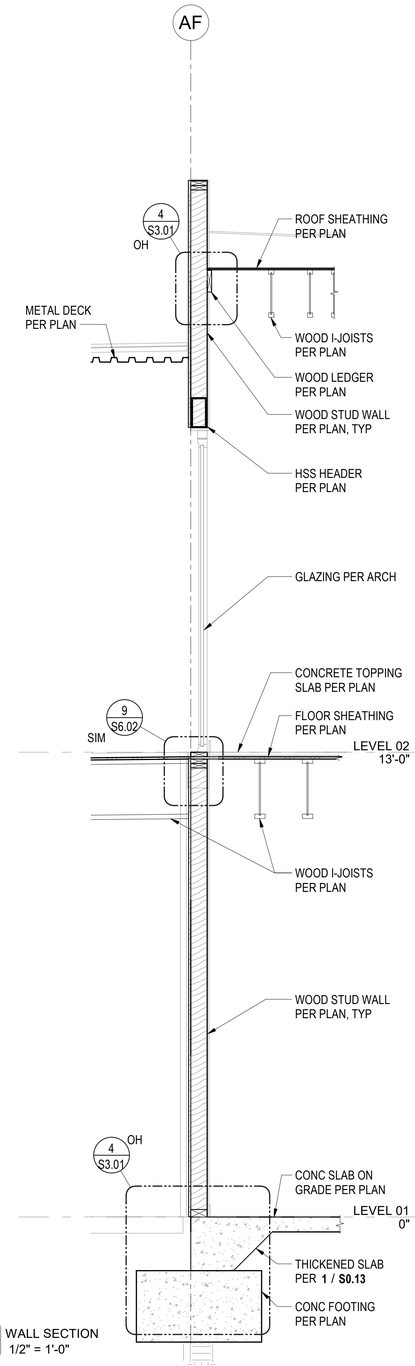
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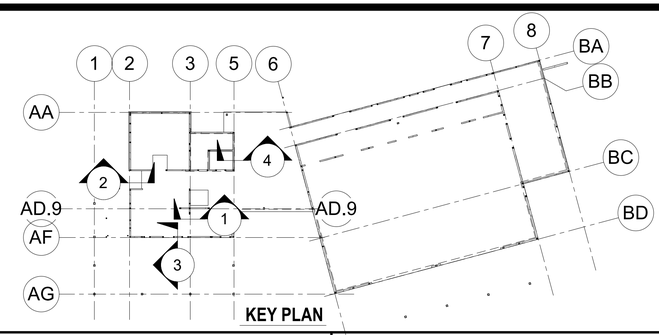
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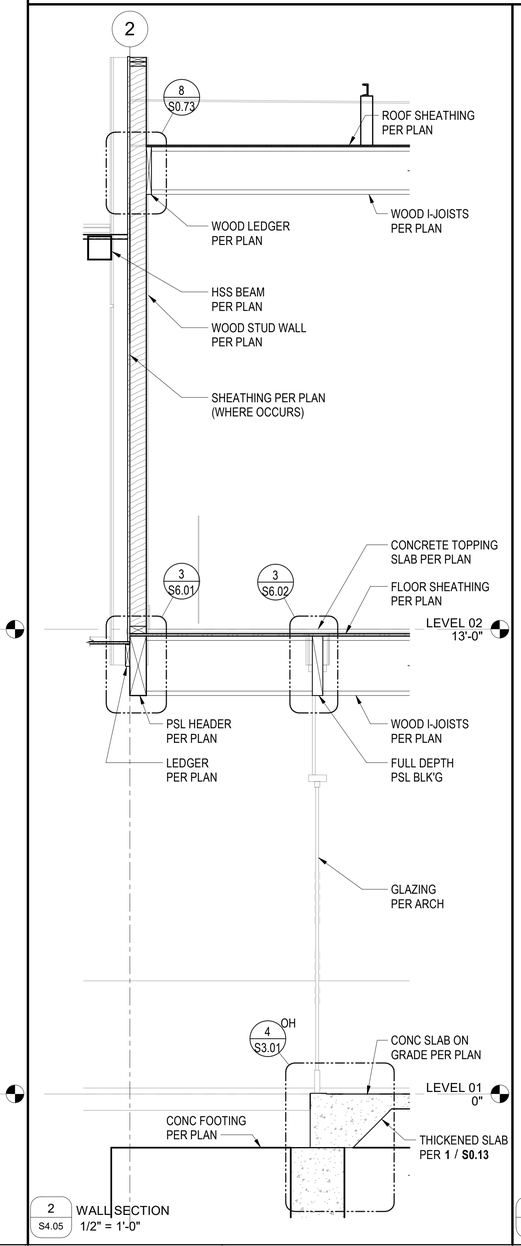


4 S4.05 WALL SECTION 1/2" = 1'-0"

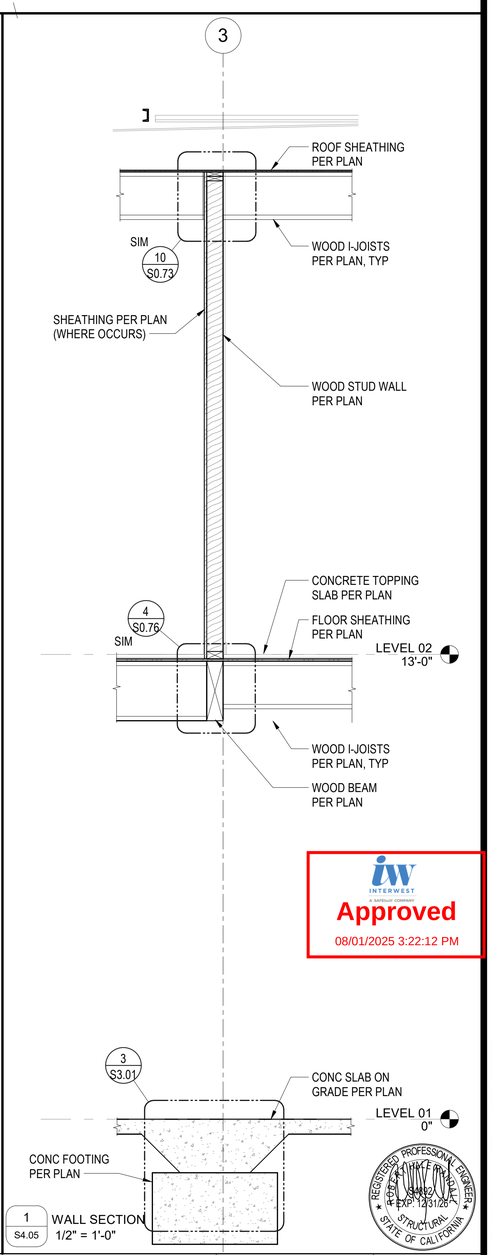


3 S4.05 WALL SECTION 1/2" = 1'-0"





2 S4.05 WALL SECTION 1/2" = 1'-0"



1 S4.05 WALL SECTION 1/2" = 1'-0"

Santee
DO MORE • DUE EAST
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Permit # B-CNEW-23-0009
Reviewed by: ASadre
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INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:12 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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REVIEWED 08/26/2025
BY PAUL DARRICO PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S4.05**

SHEET 159 OF 294

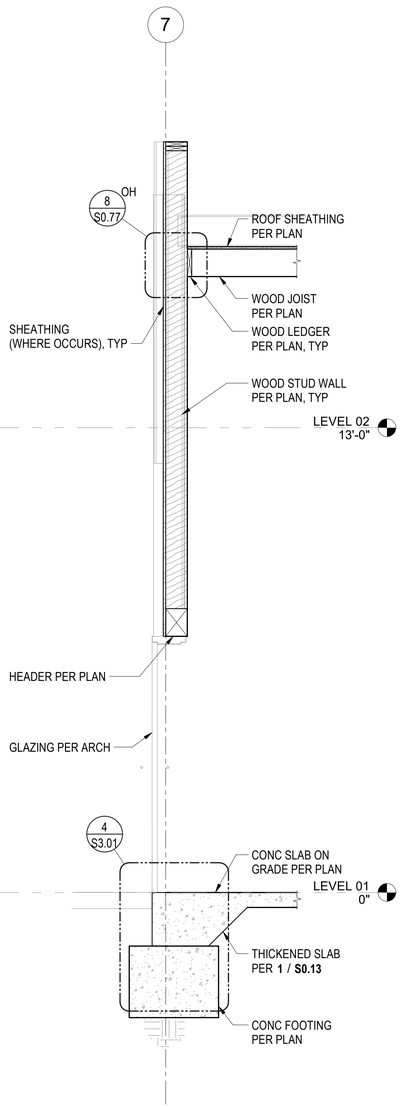
SANTEE COMMUNITY CENTER - WALL SECTIONS

Please Recycle

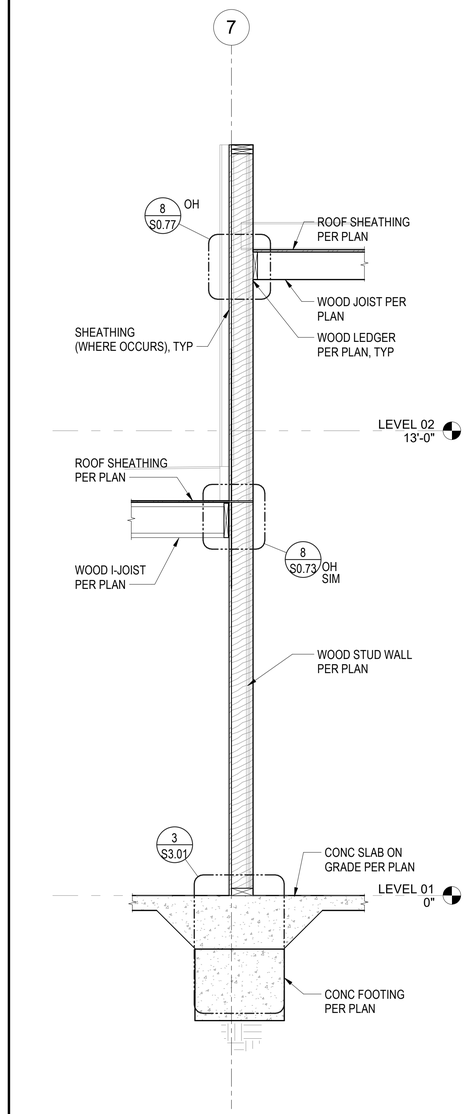
Santee
SO HERE IS SO EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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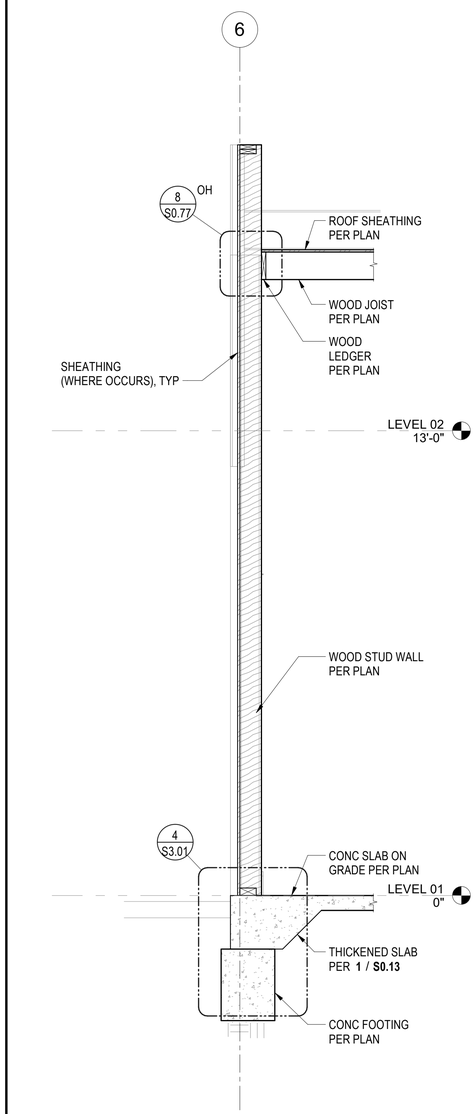
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



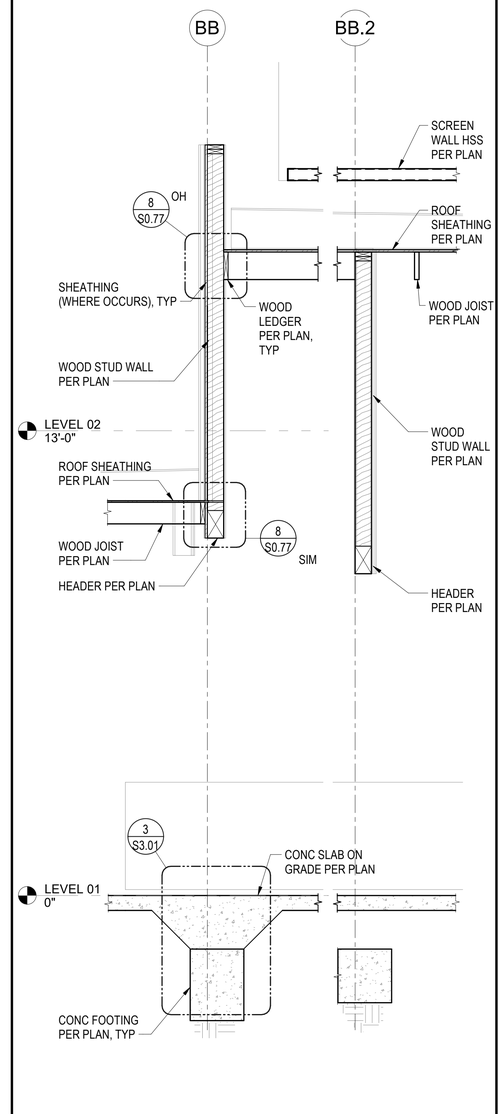
5 S4.06 WALL SECTION
1/2" = 1'-0"



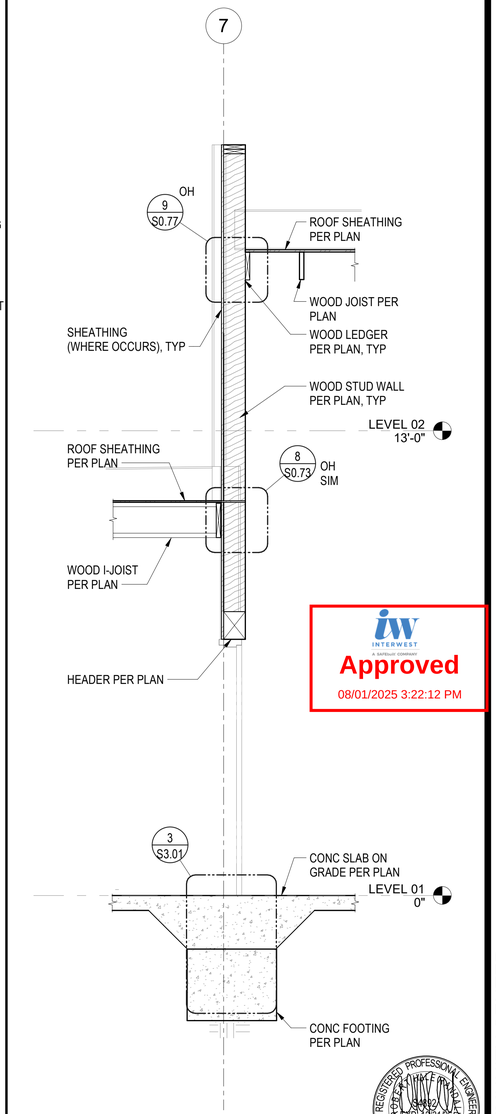
4 S4.06 WALL SECTION
1/2" = 1'-0"



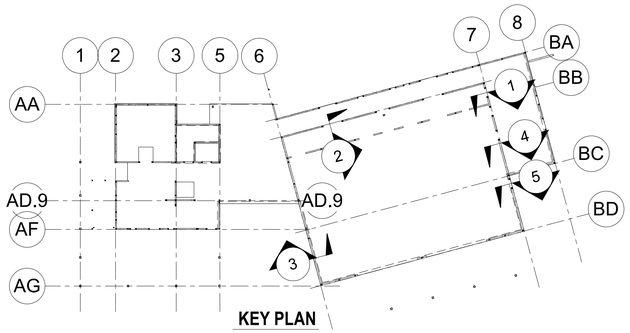
3 S4.06 WALL SECTION
1/2" = 1'-0"



2 S4.06 WALL SECTION
1/2" = 1'-0"



1 S4.06 WALL SECTION
1/2" = 1'-0"



KEY PLAN

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:12 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - WALL SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

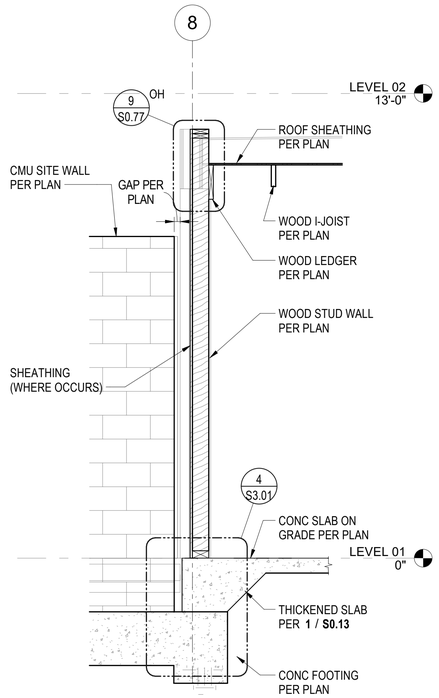
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

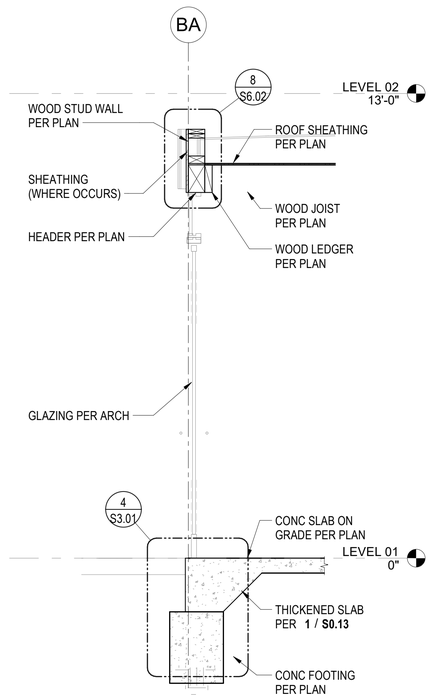
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S4.06**
SHEET 160 OF 294

Please Recycle



7 S4.07 WALL SECTION
1/2" = 1'-0"

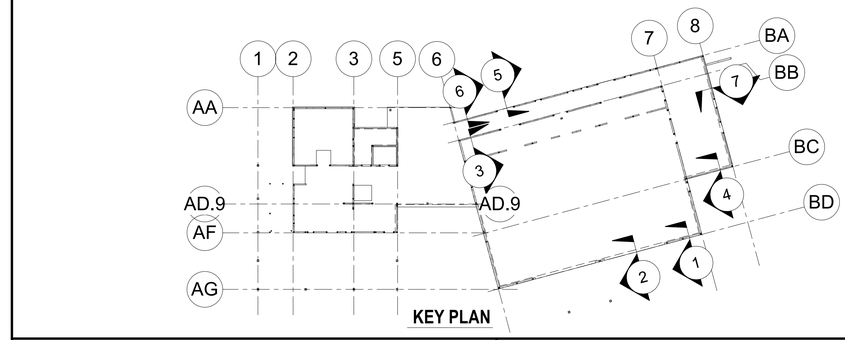


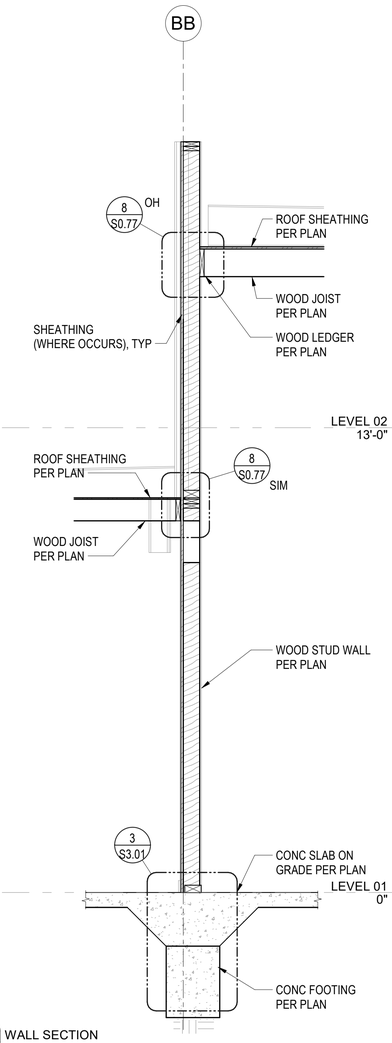
5 S4.07 WALL SECTION
1/2" = 1'-0"

Santee
LIVE WORK & VISIT EAST

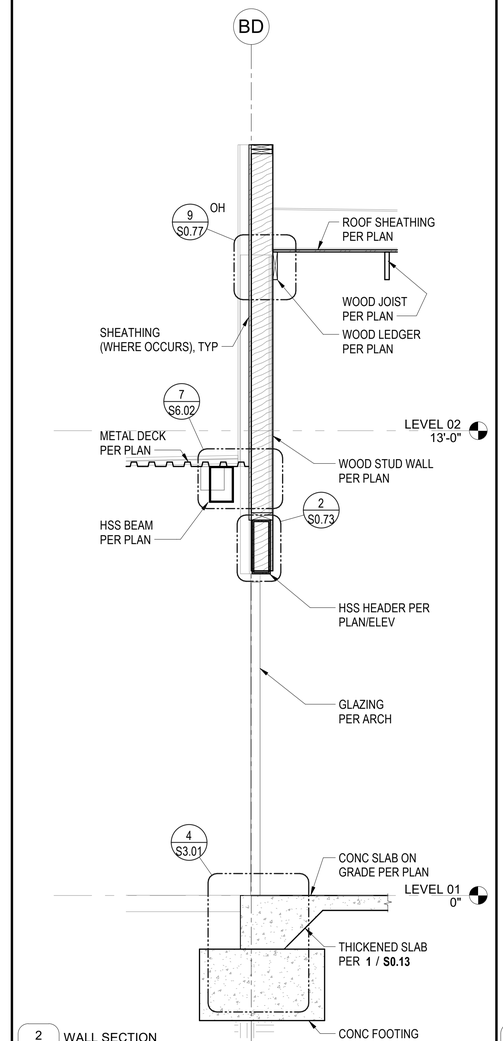
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

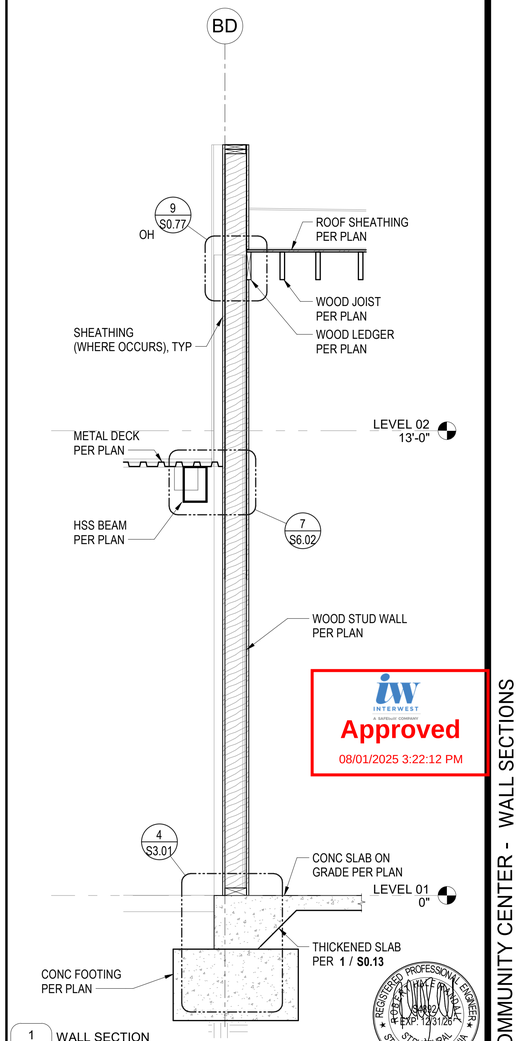




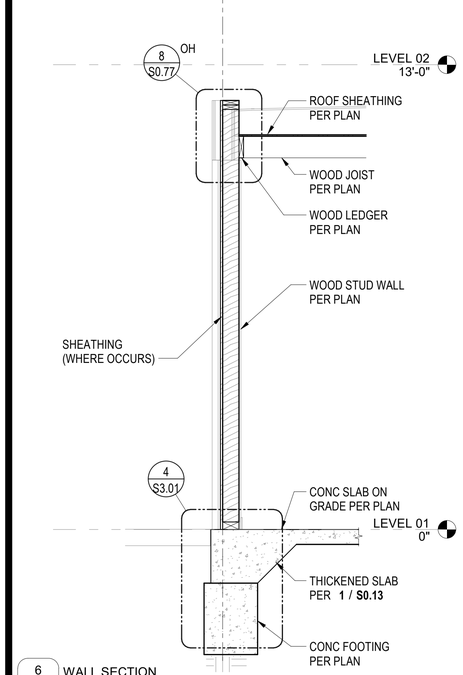
3 S4.07 WALL SECTION
1/2" = 1'-0"



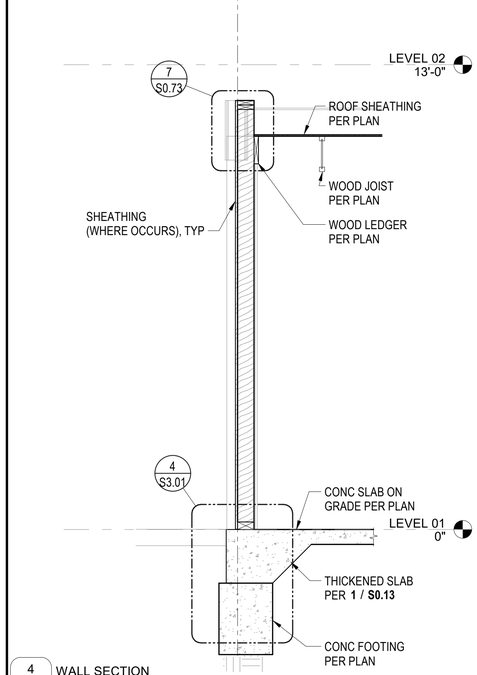
2 S4.07 WALL SECTION
1/2" = 1'-0"



1 S4.07 WALL SECTION
1/2" = 1'-0"



6 S4.07 WALL SECTION
1/2" = 1'-0"



4 S4.07 WALL SECTION
1/2" = 1'-0"

INTERWEST
A Nathaniel Company
Approved
08/01/2025 3:22:12 PM

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. 54892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

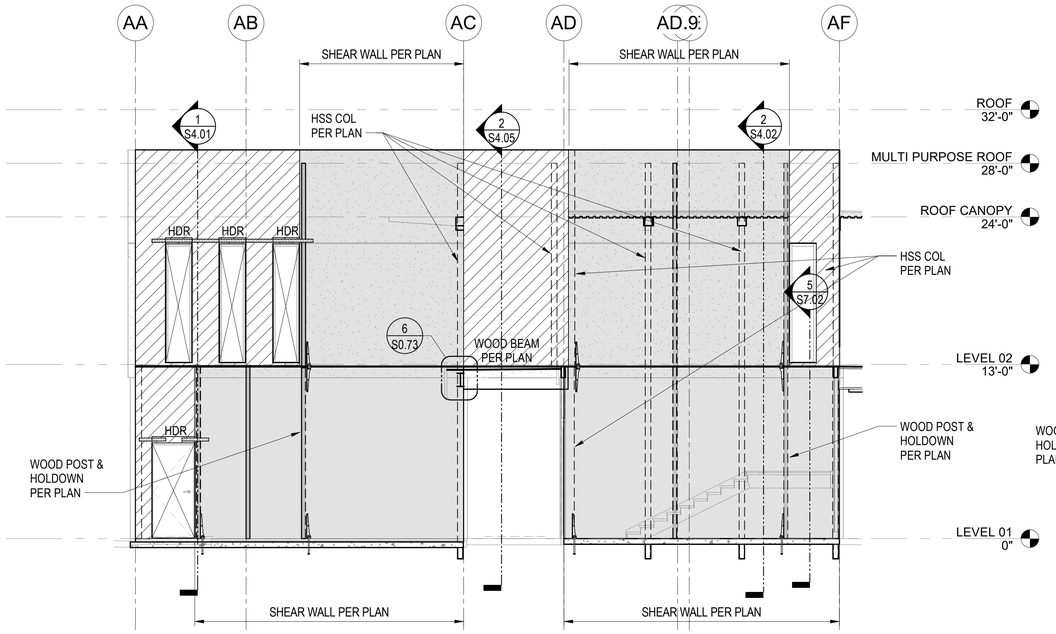
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

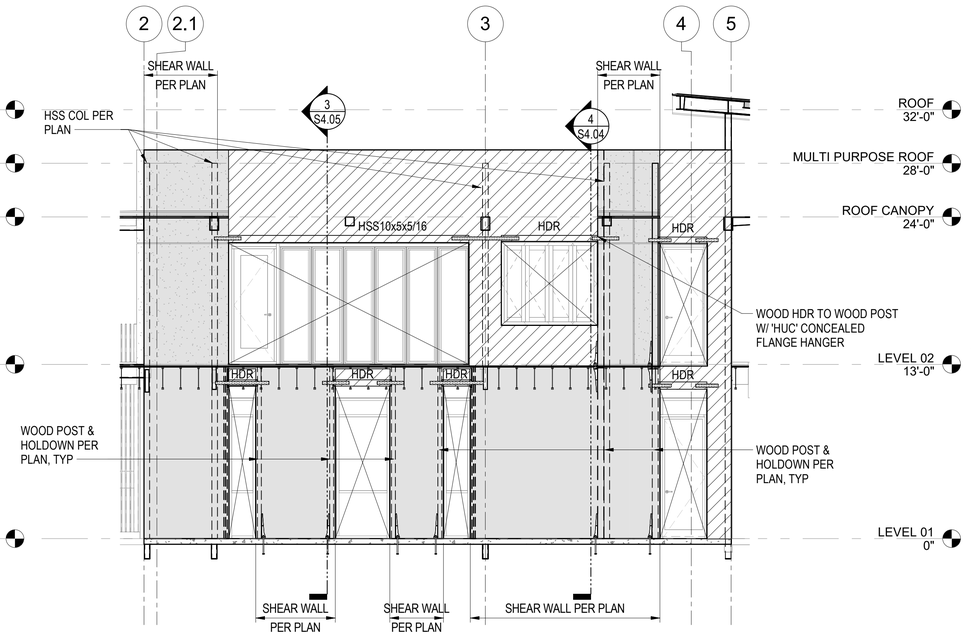
DRAWING NO. **S4.07**
SHEET 161 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

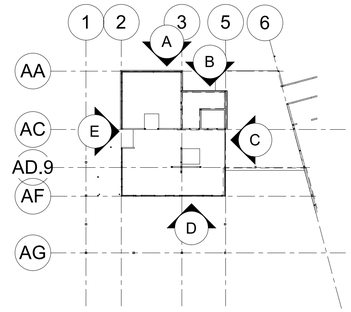
SANTEE COMMUNITY CENTER - WALL SECTIONS



E S5.01 SHEAR WALL ELEVATION AT GRID LINE 2
3/16" = 1'-0"



D S5.01 SHEAR WALL ELEVATION AT GRID LINE AF
3/16" = 1'-0"



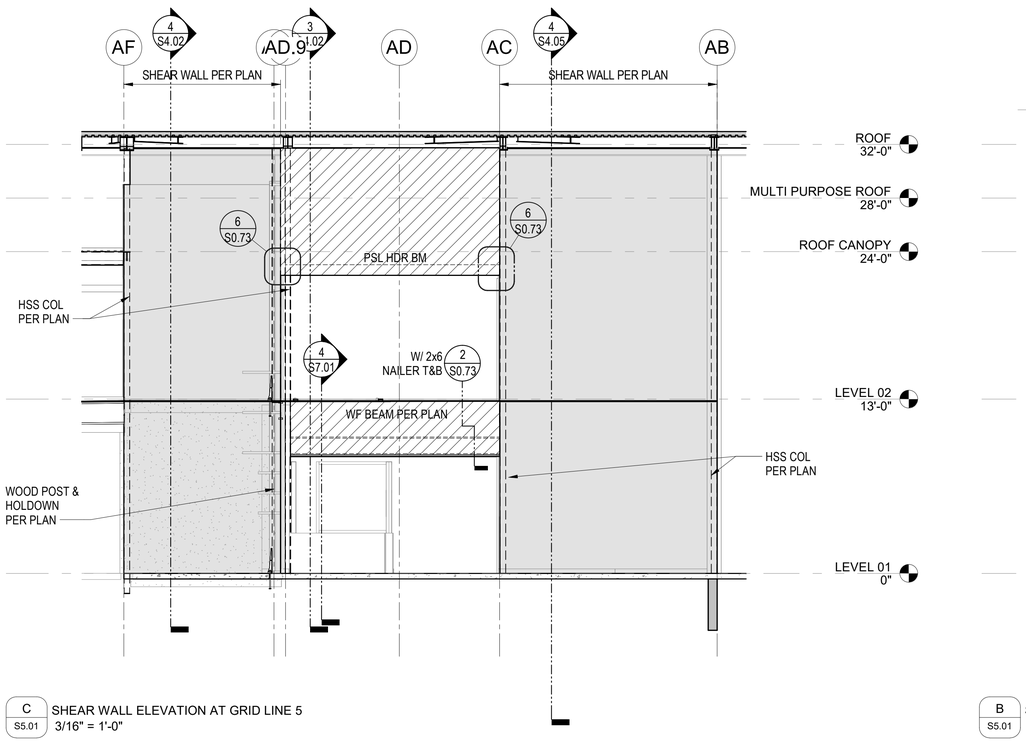
KEY PLAN

SHEAR WALL ELEVATIONS NOTES AND LEGEND

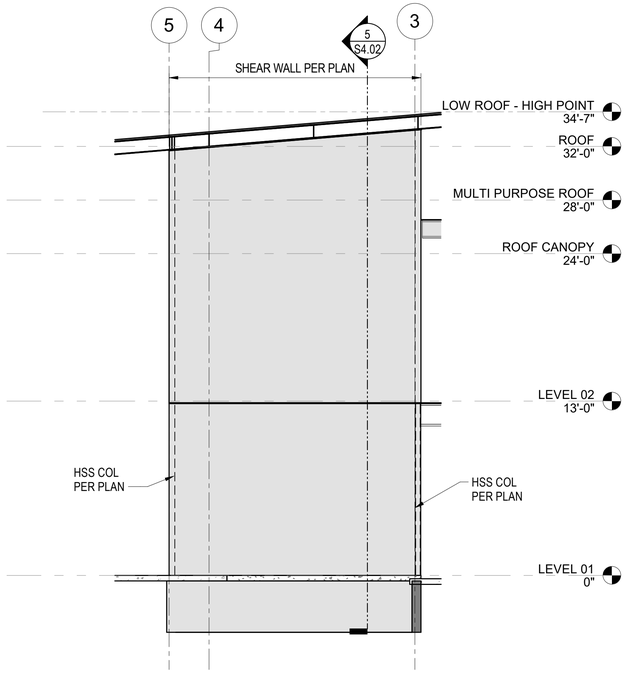
1. SEE PLANS FOR POST & HOLDOWN SIZES.
2. INDICATES SHEAR WALL PER PLAN.
3. INDICATES SHEAR WALL NAILING & SHEATHING PER TYPE-A SHEAR WALL ONLY AS NEEDED FOR ALIGNMENT OF INTERIOR FINISHES. REFER TO PLAN NOTE #25 ON FOUNDATION PLAN. FOR WALLS WITH DOUBLE-SIDED SHEATHING (SW TYPES E, F & G PER PLAN & 1/S0.81), PROVIDE SHEAR WALL NAILING & SHEATHING PER TYPE -E FOR ALIGNMENT ON INTERIOR FINISHES, AS REQ'D

Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C NEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

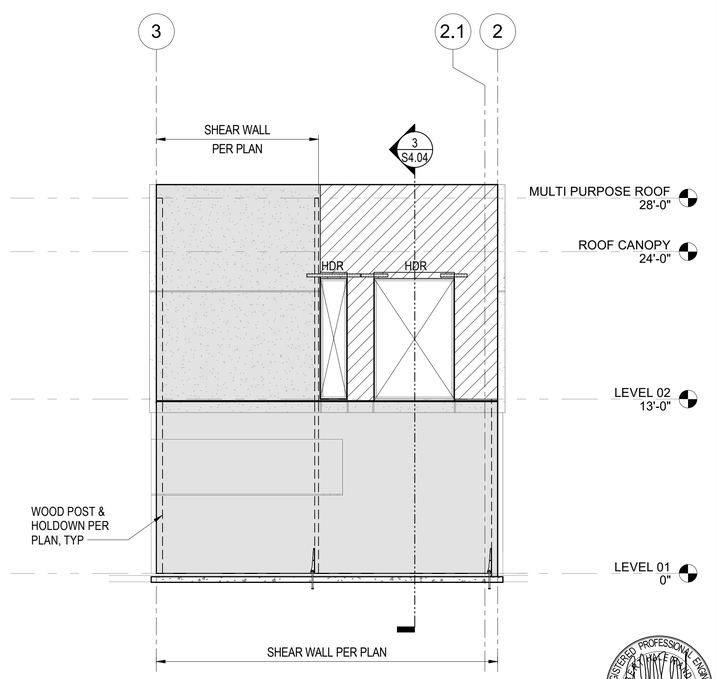
INTERWEST
Approved
08/01/2025 3:22:12 PM



C S5.01 SHEAR WALL ELEVATION AT GRID LINE 5
3/16" = 1'-0"



B S5.01 SHEAR WALL ELEVATION AT GRID LINE AB
3/16" = 1'-0"



A S5.01 SHEAR WALL ELEVATION AT GRID LINE AA
3/16" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	S5.01
	SHEET 162 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

Please Recycle

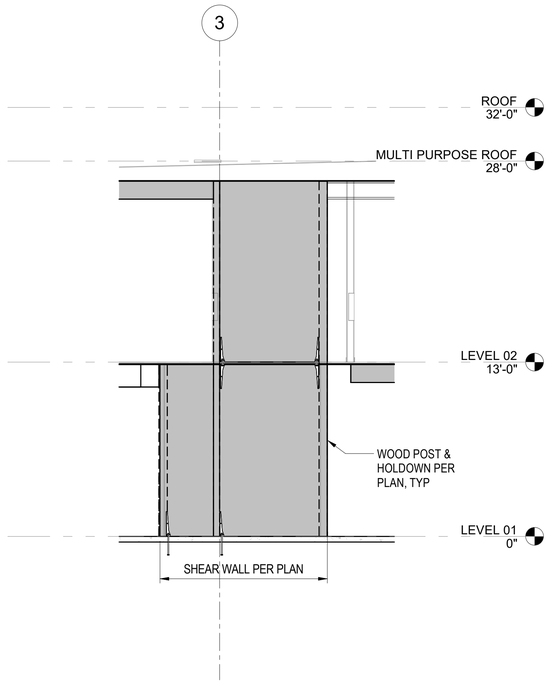
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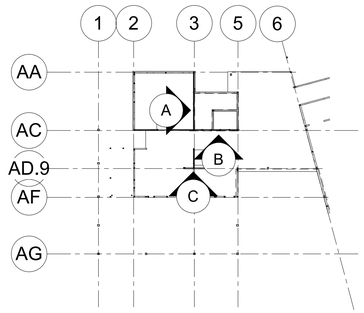
Santee
GO HIGHER & DIG EAST

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASandre
Date: Aug 22, 2025



C / S5.02 SHEAR WALL ELEVATION NEAR GRID LINE AE
3/16" = 1'-0"

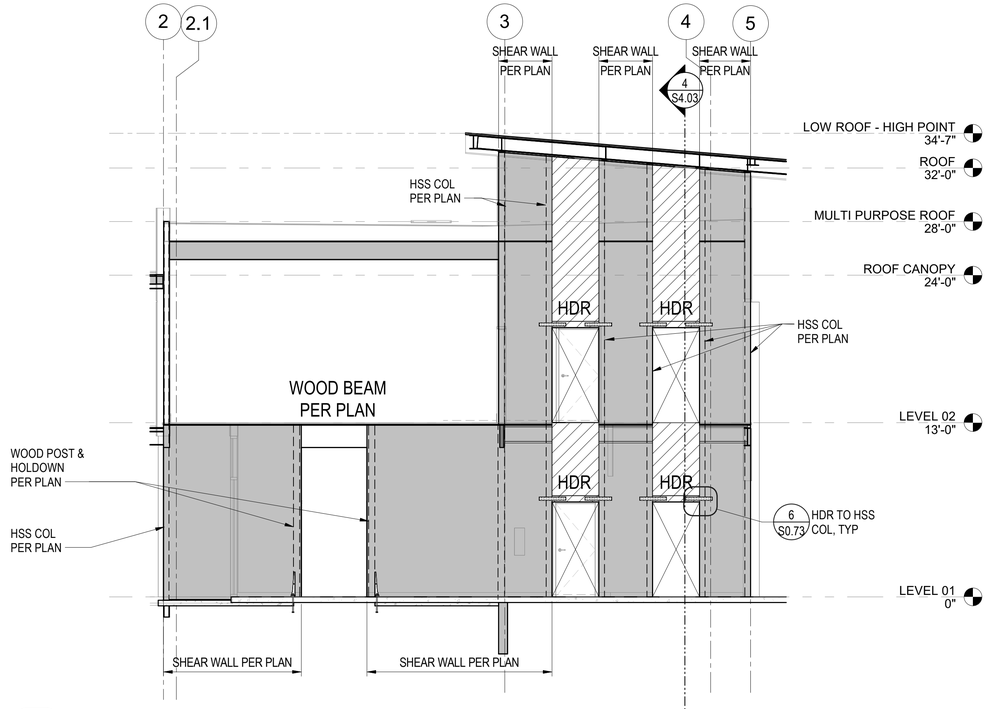


KEY PLAN

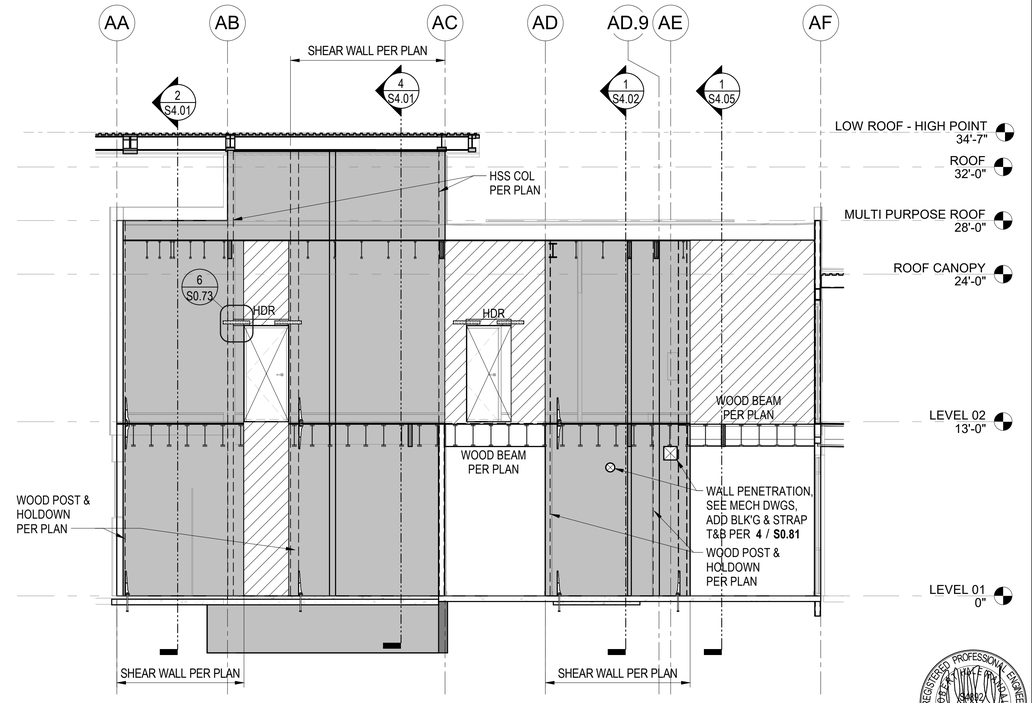
SHEAR WALL ELEVATIONS NOTES AND LEGEND

1. SEE PLANS FOR POST & HOLDOWN SIZES.
2. INDICATES SHEAR WALL PER PLAN.
3. INDICATES SHEAR WALL NAILING & SHEATHING PER TYPE-A SHEAR WALL ONLY AS NEEDED FOR ALIGNMENT OF INTERIOR FINISHES. REFER TO PLAN NOTE #25 ON FOUNDATION PLAN. FOR WALLS WITH DOUBLE-SIDED SHEATHING (SW TYPES E, F & G PER PLAN & 1/S0.81), PROVIDE SHEAR WALL NAILING & SHEATHING PER TYPE -E FOR ALIGNMENT ON INTERIOR FINISHES, AS REQ'D

INTERWEST
A RATELIGHT COMPANY
Approved
08/01/2025 3:22:12 PM



B / S5.02 SHEAR WALL ELEVATION AT GRID LINE AC
3/16" = 1'-0"



A / S5.02 SHEAR WALL ELEVATION AT GRID LINE 3
3/16" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

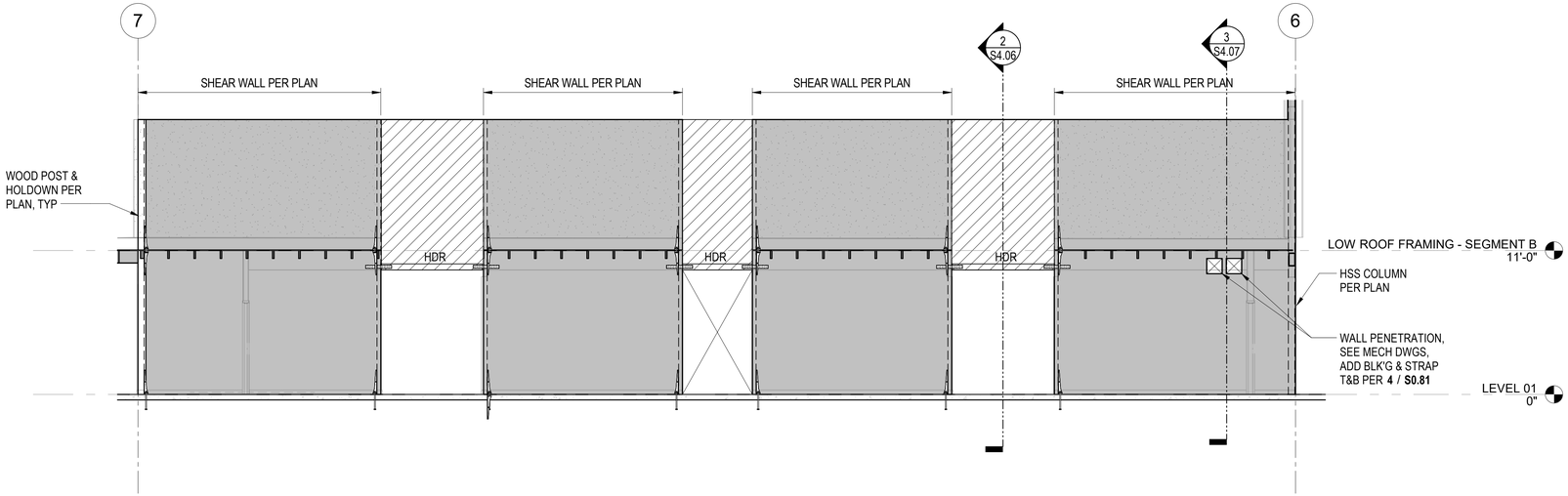
DRAWING NO. **S5.02**
SHEET 163 OF 294

SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

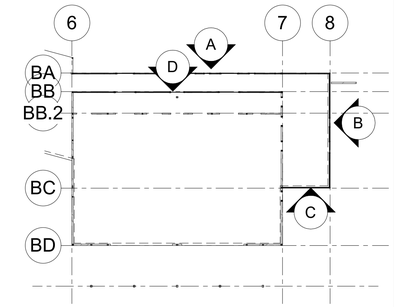
Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

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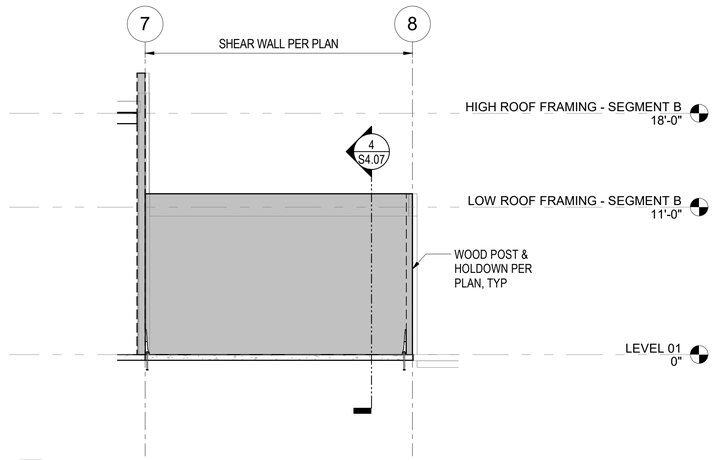
D S5.03 SHEAR WALL ELEVATION AT GRID LINE BB
3/16" = 1'-0"



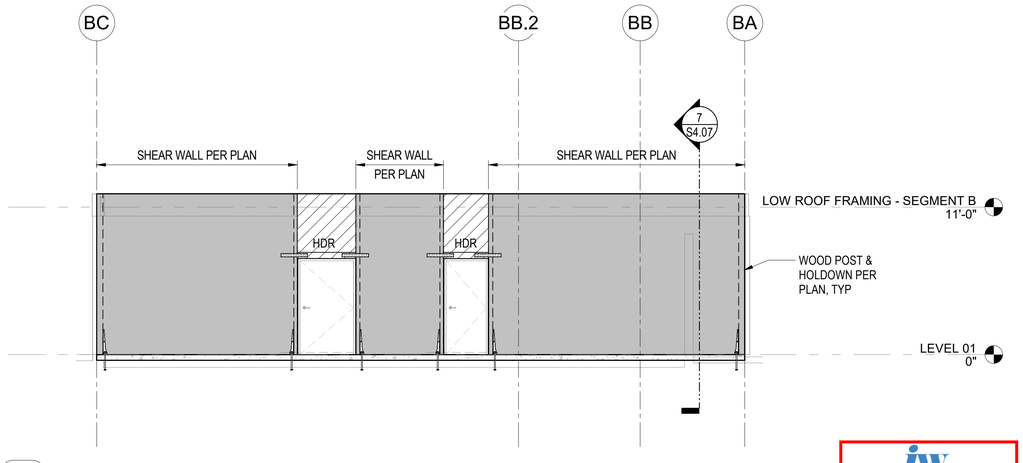
KEY PLAN

SHEAR WALL ELEVATIONS NOTES AND LEGEND

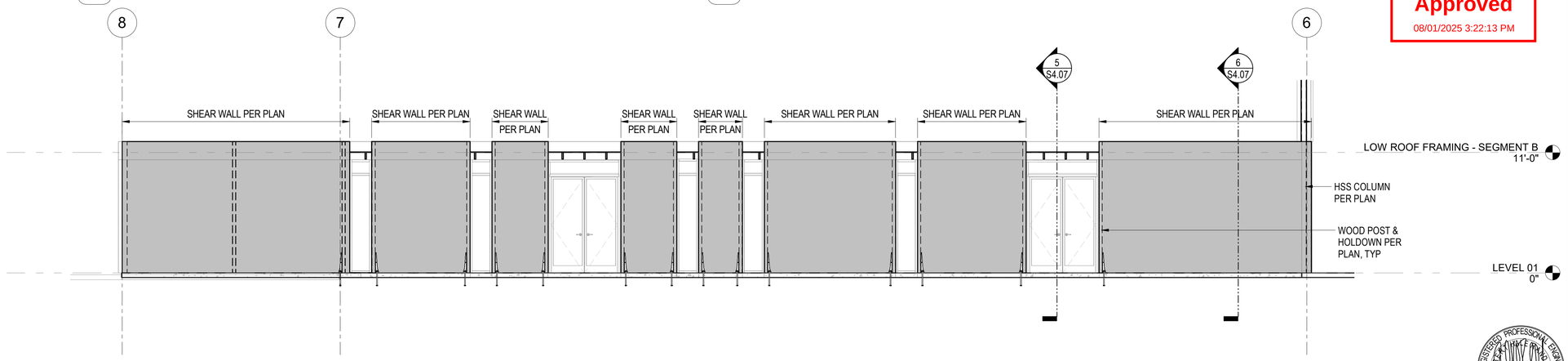
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C S5.03 SHEAR WALL ELEVATION AT GRID LINE BC
3/16" = 1'-0"



B S5.03 SHEAR WALL ELEVATION AT GRID LINE 8
3/16" = 1'-0"



A S5.03 SHEAR WALL ELEVATION AT GRID LINE BA
3/16" = 1'-0"

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:13 PM

Santee
LIVE WELL • EXPLORE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E.
RCE NO. S4892 DATE 04/30/2025 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S5.03**
SHEET 164 OF 294

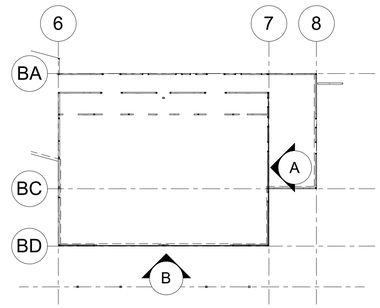
100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

Please Recycle

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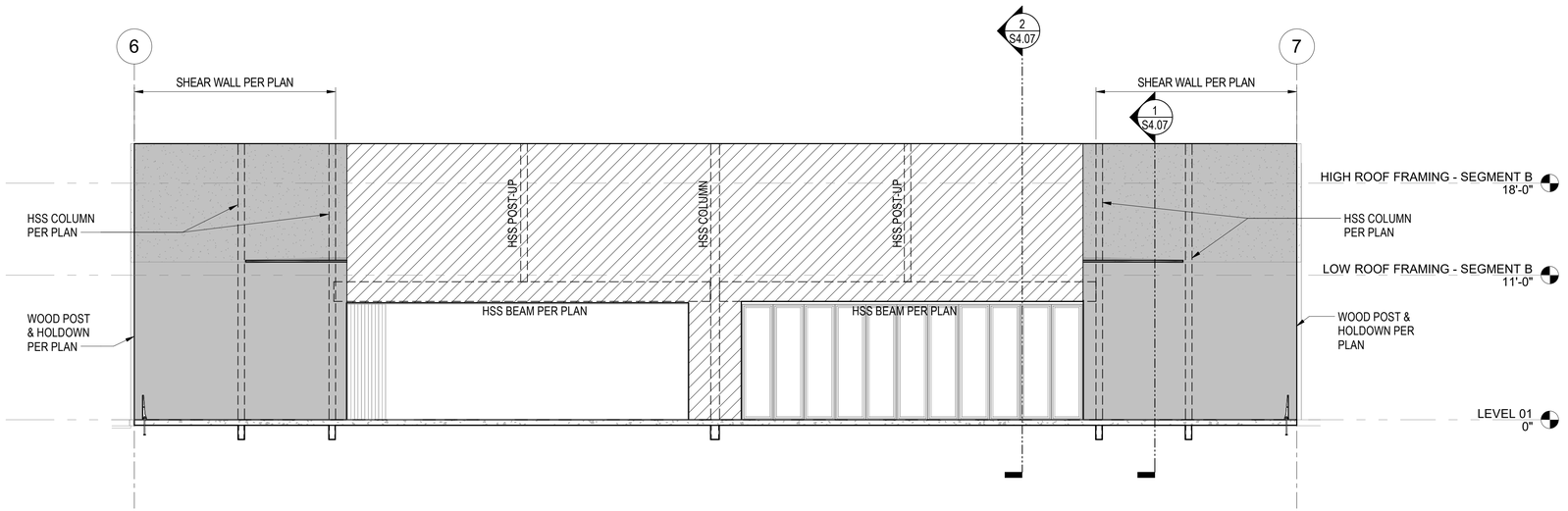
100% CONSTRUCTION DOCUMENTS - 01/12/2024



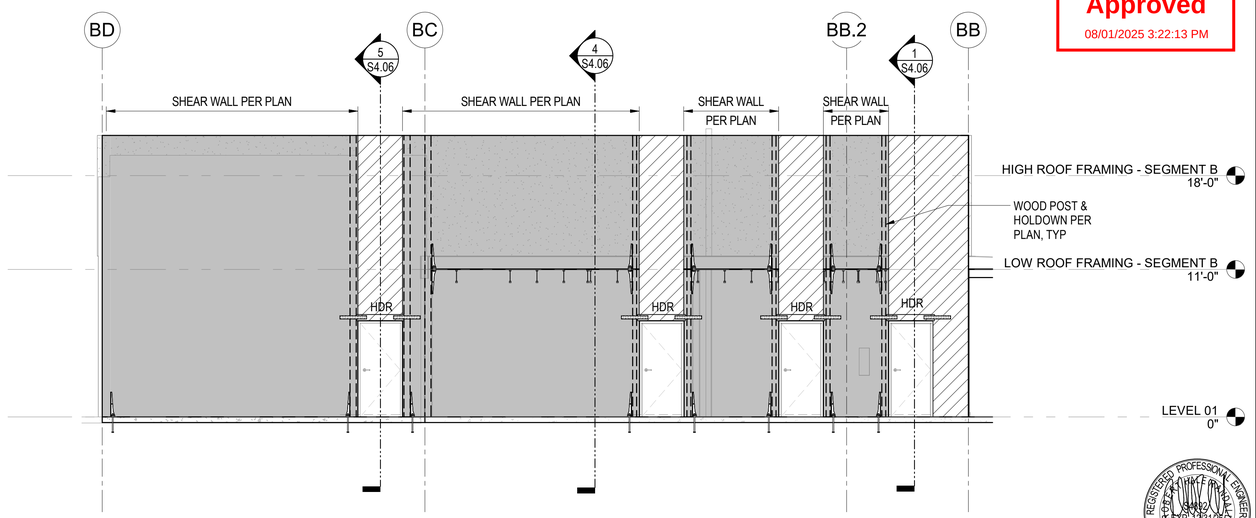
KEY PLAN

SHEAR WALL ELEVATIONS NOTES AND LEGEND

1. SEE PLANS FOR POST & HOLDOWN SIZES.
2. INDICATES SHEAR WALL PER PLAN.
3. INDICATES SHEAR WALL NAILING & SHEATHING PER TYPE-A SHEAR WALL ONLY AS NEEDED FOR ALIGNMENT OF INTERIOR FINISHES. REFER TO PLAN NOTE #25 ON FOUNDATION PLAN. FOR WALLS WITH DOUBLE-SIDED SHEATHING (SW TYPES E, F & G PER PLAN & 1/S0.81), PROVIDE SHEAR WALL NAILING & SHEATHING PER TYPE -E FOR ALIGNMENT ON INTERIOR FINISHES, AS REQ'D



B S5.04 SHEAR WALL ELEVATION AT GRID LINE BD
3/16" = 1'-0"



A S5.04 SHEAR WALL ELEVATION AT GRID LINE 7
3/16" = 1'-0"

Santee
DO MORE • DO EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A Nelson Company
Approved
08/01/2025 3:22:13 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S5.04**
SHEET 165 OF 294

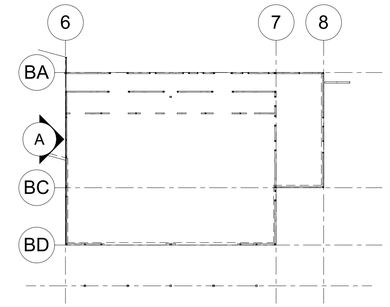
SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

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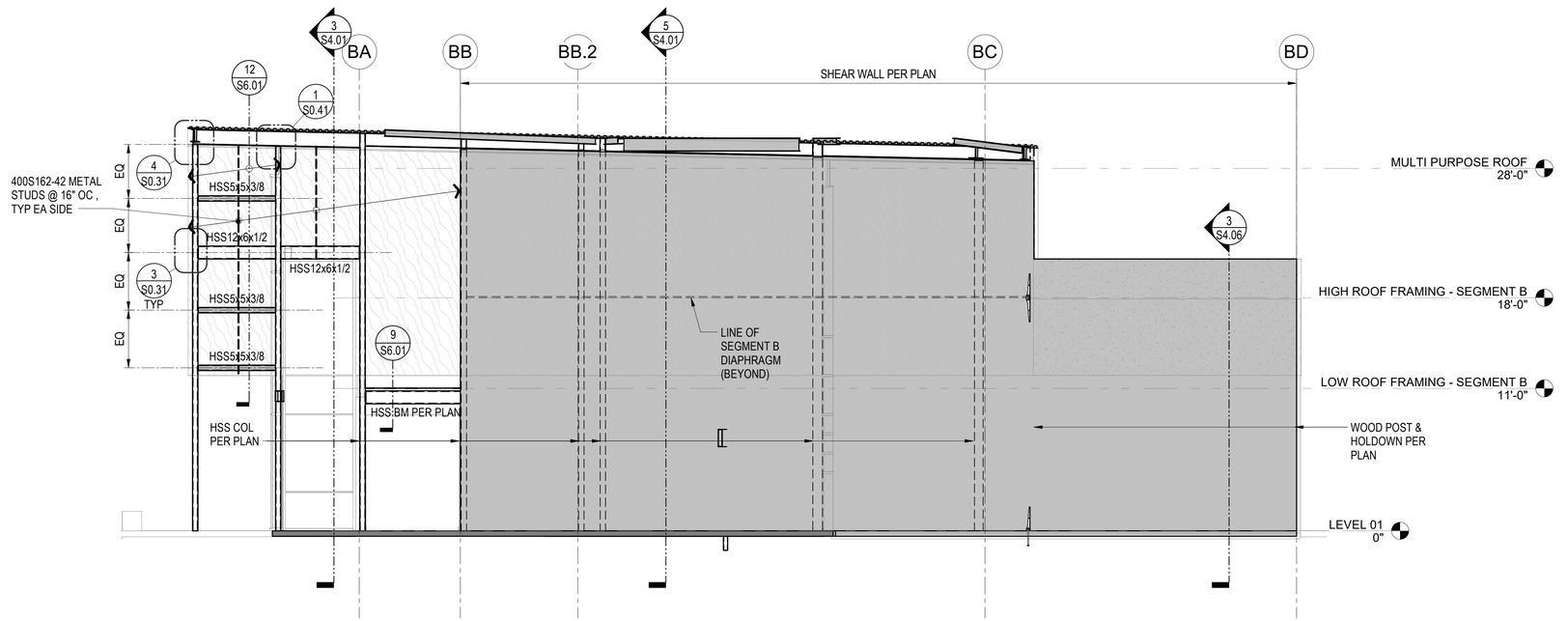
100% CONSTRUCTION DOCUMENTS - 01/12/2024



KEY PLAN

SHEAR WALL ELEVATIONS NOTES AND LEGEND

1. SEE PLANS FOR POST & HOLDOWN SIZES.
2. ▭ INDICATES SHEAR WALL PER PLAN.
3. ▨ INDICATES SHEAR WALL NAILING & SHEATHING PER TYPE-A SHEAR WALL ONLY AS NEEDED FOR ALIGNMENT OF INTERIOR FINISHES. REFER TO PLAN NOTE #25 ON FOUNDATION PLAN. FOR WALLS WITH DOUBLE-SIDED SHEATHING (SW TYPES E, F & G PER PLAN & 1/S0.81), PROVIDE SHEAR WALL NAILING & SHEATHING PER TYPE -E FOR ALIGNMENT ON INTERIOR FINISHES, AS REQ'D



A / S5.05 SHEAR WALL ELEVATION AT GRID LINE 6
3/16" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST A SAFEbuilt company
Approved
08/01/2025 3:22:13 PM

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S5.05**
SHEET 166 OF 294

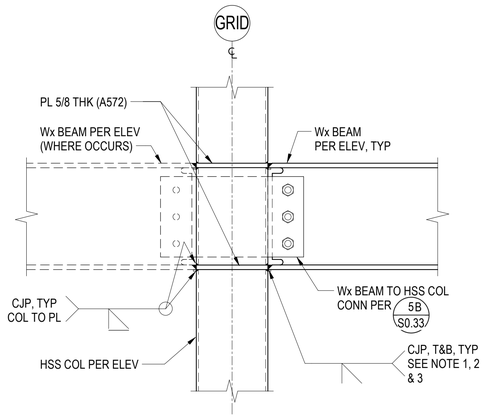
SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

Please Recycle

NOTES:
1. WHERE STEEL BACKING IS USED AT THE BOTTOM FLANGE OF Wx BEAM, THE BACKING SHALL BE REMOVED AND THEN THE ROOT BASE SHALL BE BACKGOUGED TO SOUND WELD METAL THEN BACKWELD WITH A 5/16 FILLET WELD.

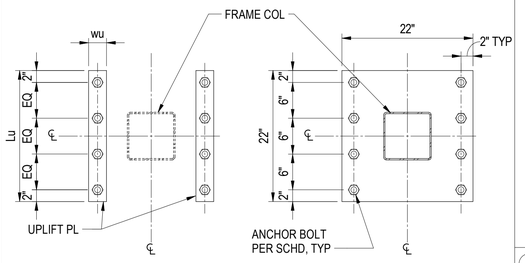
2. WHERE STEEL BACKING IS USED AT THE TOP FLANGE OF Wx BEAM OR AT TOP & BOTTOM FLANGES OF HSS BEAMS, THE BACKING NEED NOT BE REMOVED BUT ATTACHED TO THE COLUMN BY A CONTINUOUS 5/16 FILLET WELD.

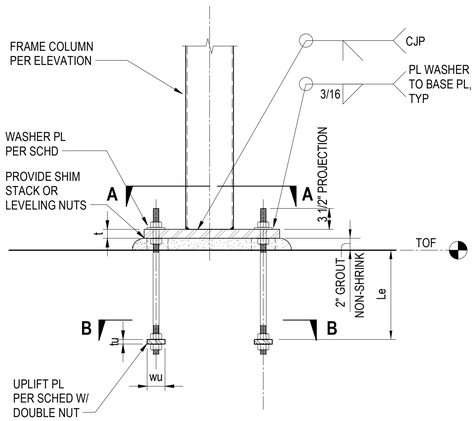
3. COMPLETE JOINT PENETRATION WELDS OF BEAM FLANGES TO COLUMNS/PL SHALL BE DEMAND CRITICAL WELDS.



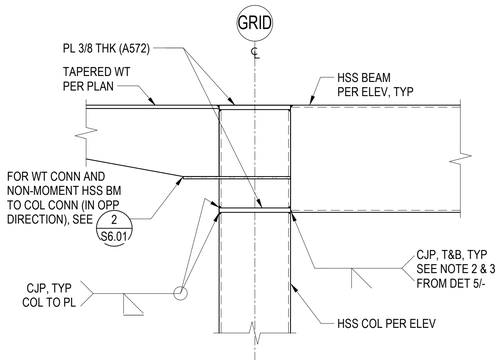
5 S5.11 OMF CONN DETAIL AT FLOOR
1 1/2" = 1'-0"

SCHEDULE					
COLUMN SIZE	BASE PL THICKNESS ("t")	ANCHOR BOLTS (F1554, GR55)	EMBEDMENT (Le)	UPLIFT PL (GR50) (wu x tu x Lu)	PL WASHER (L x W x t)
HSS8x8x5/16	1"	(8)-3/4" DIA	12"	3"x1/2"x22"	2"x2"x1/4"
HSS8x8x1/2	1 1/2"	(8)-1" DIA	15"	3"x3/4"x22"	3"x3"x3/8"

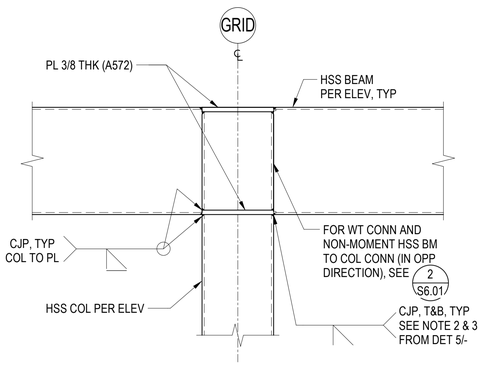




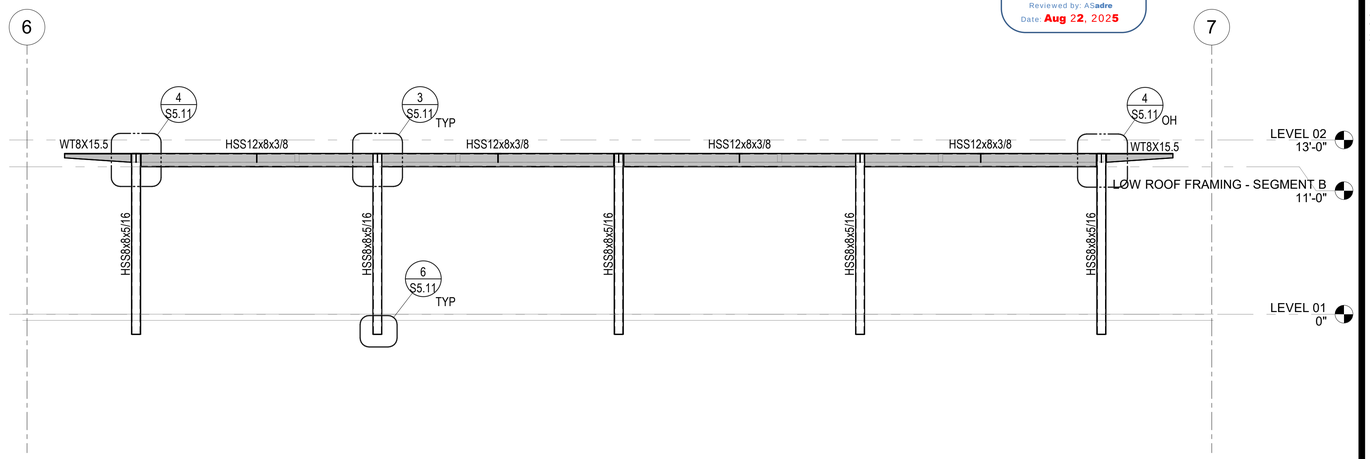
6 S5.11 STAIR HSS COLUMN BASE PLATE DETAIL
1" = 1'-0"



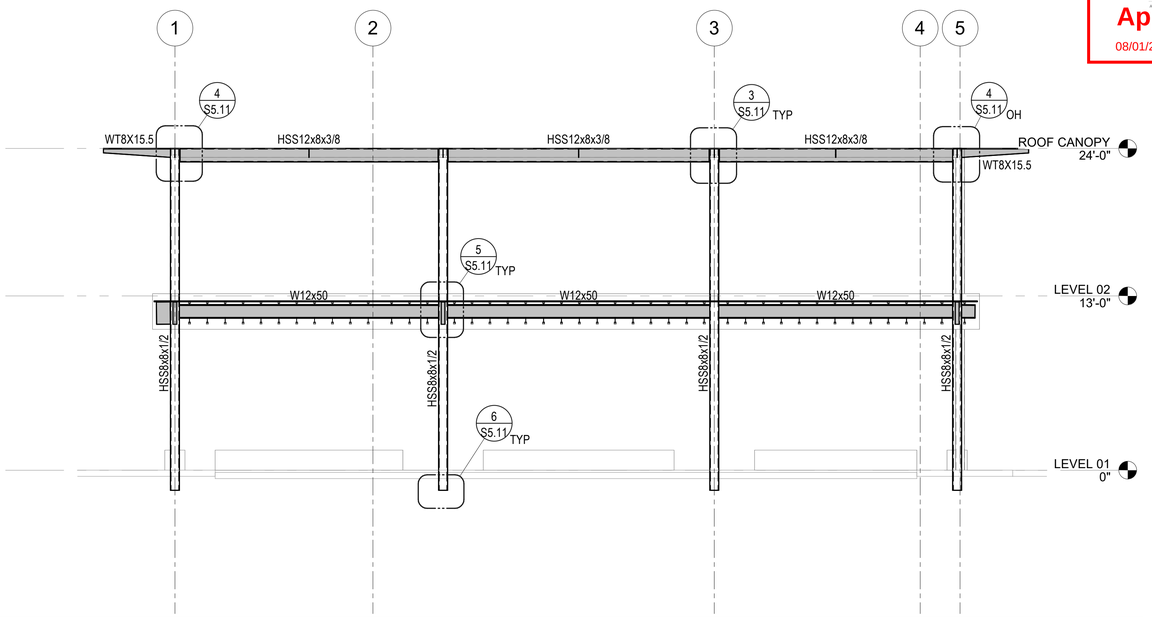
4 S5.11 OMF CONN DETAIL AT END COLUMN
1 1/2" = 1'-0"



3 S5.11 OMF CONN DETAIL AT INTERIOR COLUMN
1 1/2" = 1'-0"



2 S5.11 OMF-2
3/16" = 1'-0"



1 S5.11 OMF-1
3/16" = 1'-0"

Santee — CA PRIDE & SPIRIT

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A KIMLEY-HORN COMPANY
Approved
08/01/2025 3:22:13 PM

REGISTERED PROFESSIONAL ENGINEER — ROBERT H. RANDALL — No. S4892 — EXP. 12/31/26 — STRUCTURAL — STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - MOMENT FRAME ELEVATIONS AND DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

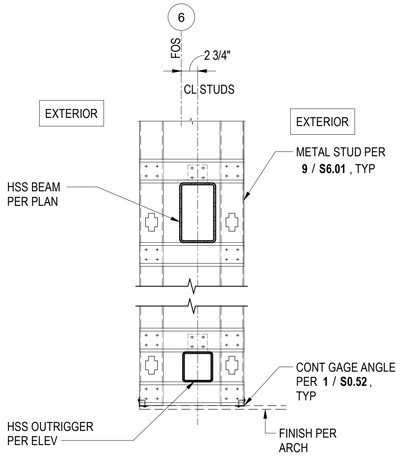
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

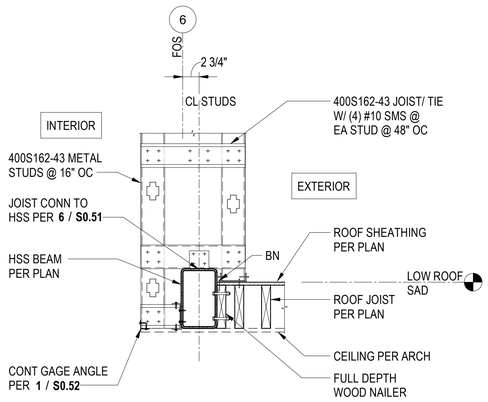
DRAWING NO. S5.11
SHEET 167 OF 294

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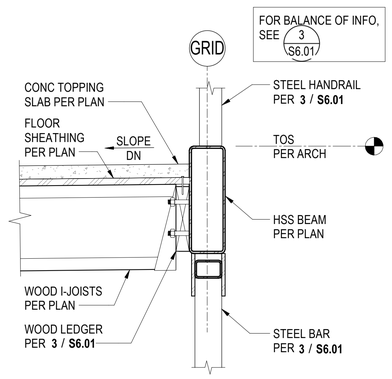
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12 S6.01 DETAIL 1" = 1'-0"

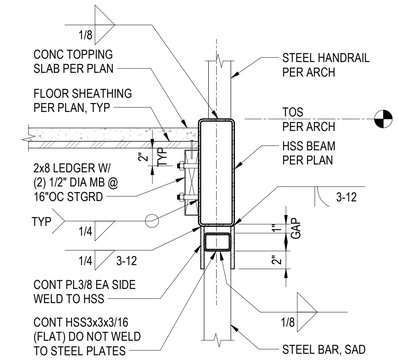


9 S6.01 DETAIL 1" = 1'-0"

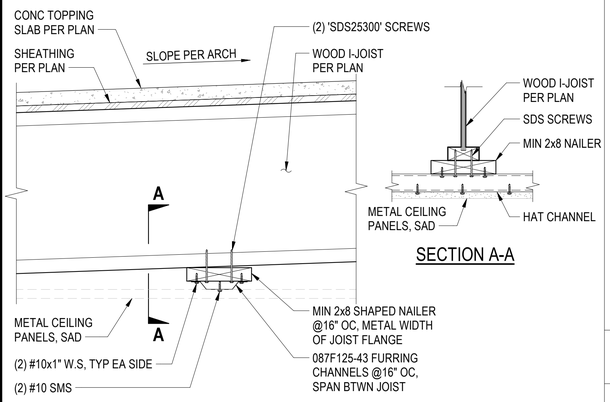


6 S6.01 EXTERIOR DECK DETAIL 1 1/2" = 1'-0"

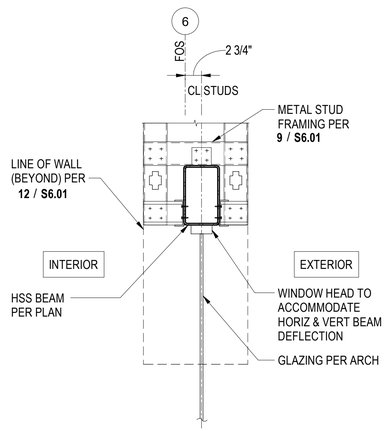
Santee
GO HERE • GO FAR • GO EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



3 S6.01 EXTERIOR DECK DETAIL 1 1/2" = 1'-0"

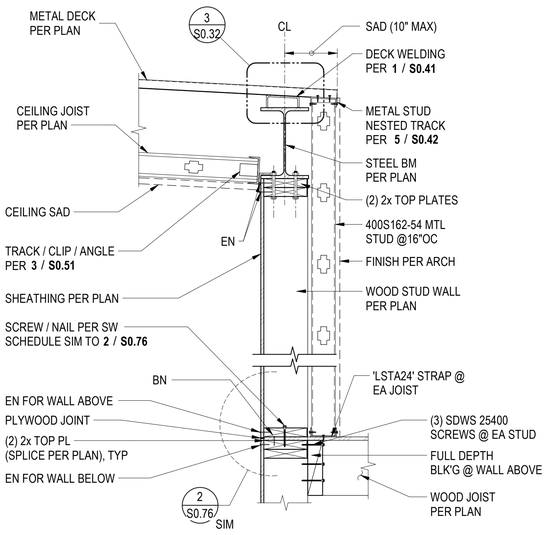


11 S6.01 DETAIL 1 1/2" = 1'-0"

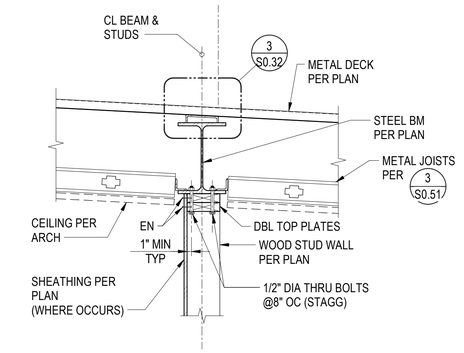


10 S6.01 DETAIL 1" = 1'-0"

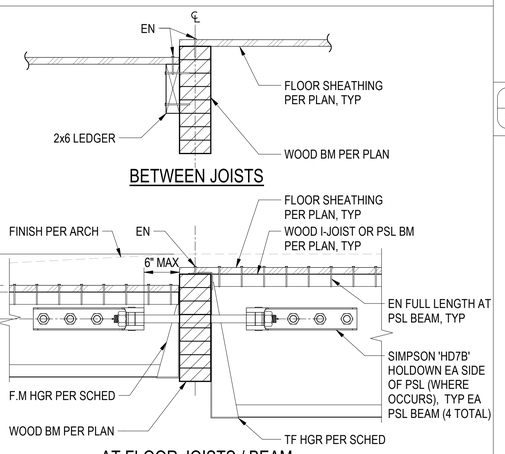
INTERWEST
A RAFFOUL COMPANY
Approved
08/01/2025 3:22:13 PM



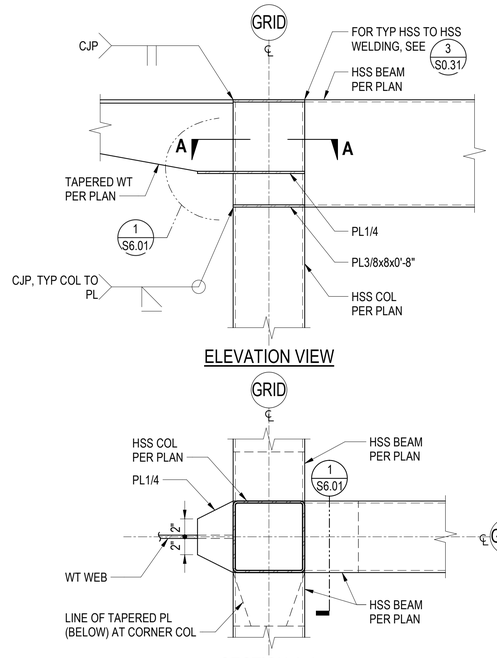
7 S6.01 DETAIL 1" = 1'-0"



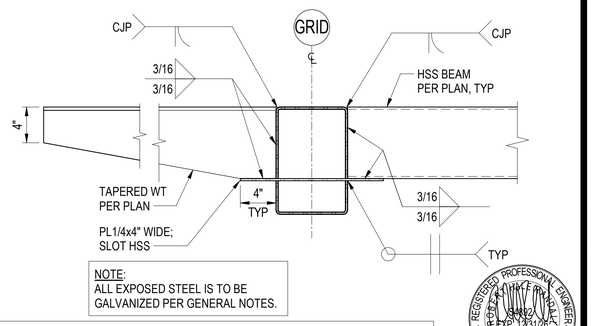
5 S6.01 DETAIL 1" = 1'-0"



4 S6.01 FLOOR STEP CONN DETAIL 1 1/2" = 1'-0"



2 S6.01 CANOPY DETAIL 1 1/2" = 1'-0"



1 S6.01 CANOPY DETAIL 1 1/2" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E.
RCE NO. S4892 DATE 04/30/2025 EXPIRES 12/31/2026

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S6.01**
SHEET 168 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - DETAILS AND SECTIONS

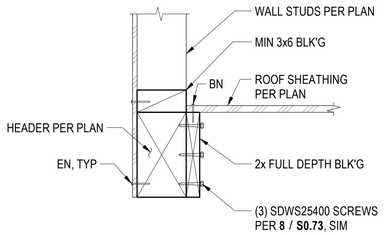
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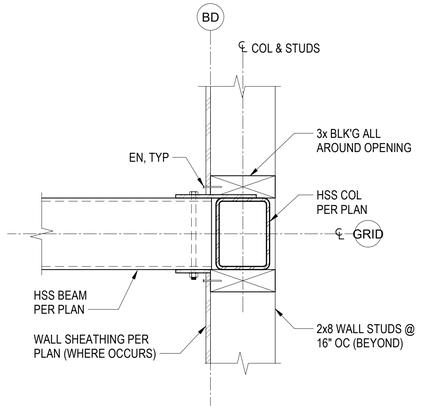
Santee
DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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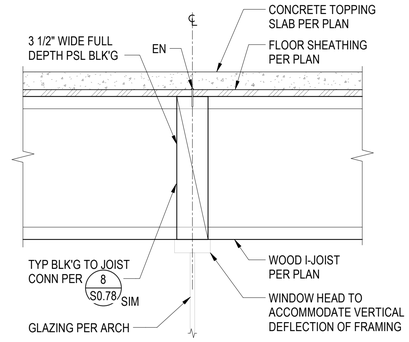
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**



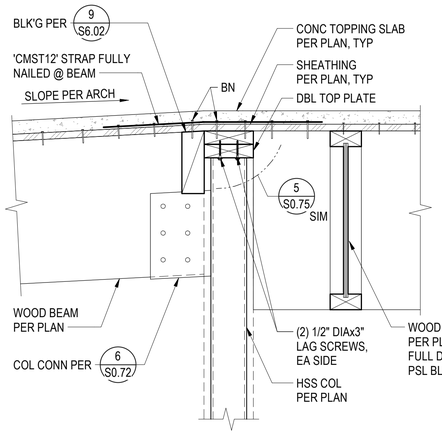
BETWEEN JOIST



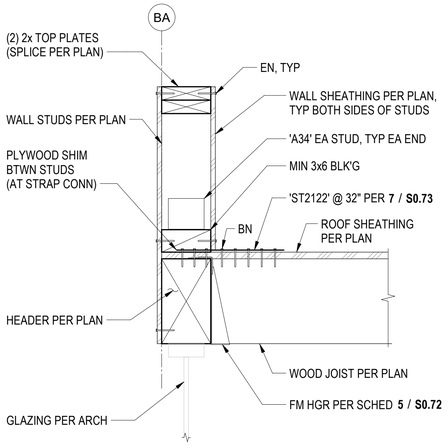
SECTION A-A



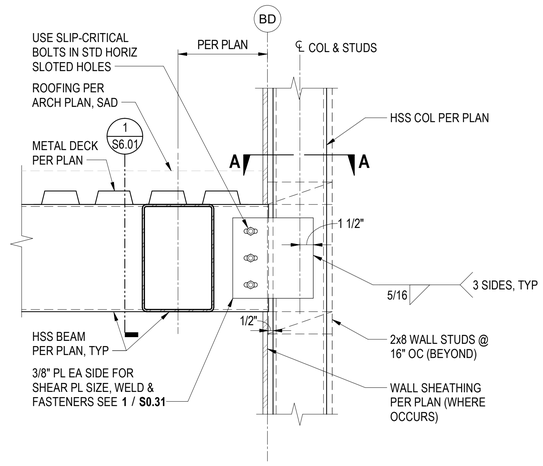
3 S6.02 DETAIL
1 1/2" = 1'-0"



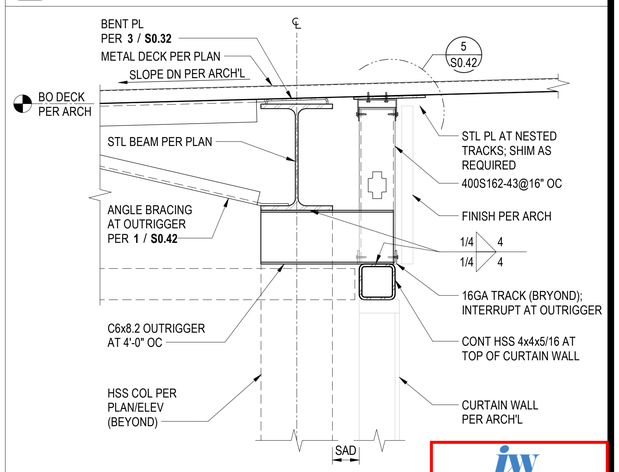
10 S6.02 CANOPY DECK DRAG DETAIL
1 1/2" = 1'-0"



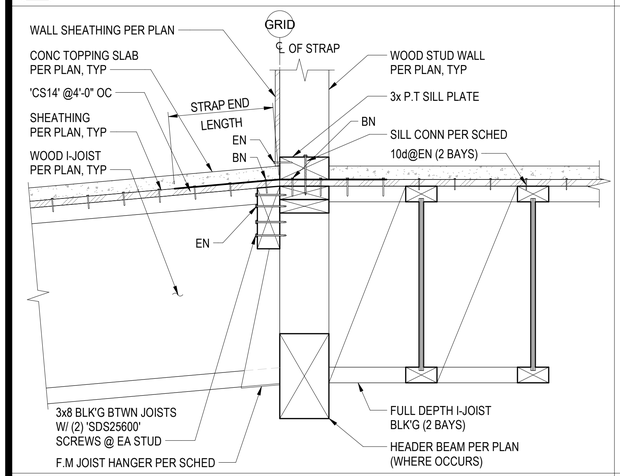
8 S6.02 DETAIL
1 1/2" = 1'-0"



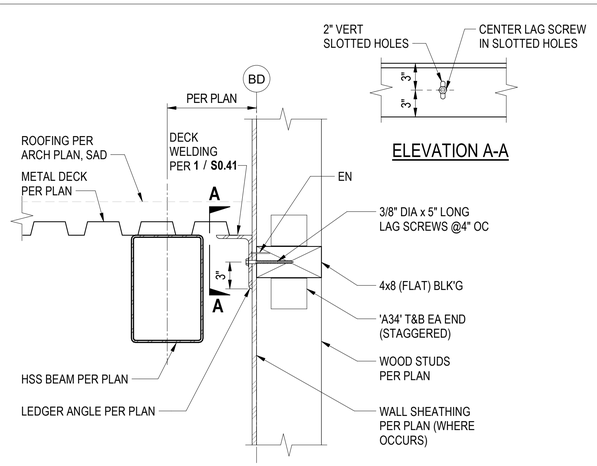
5 S6.02 CANOPY DETAIL
1 1/2" = 1'-0"



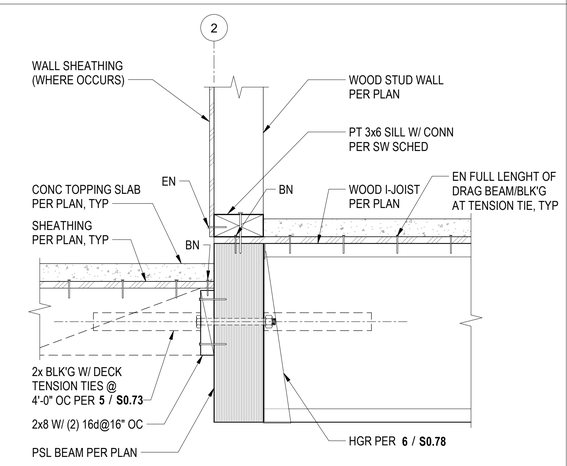
2 S6.02 DETAIL
1 1/2" = 1'-0"



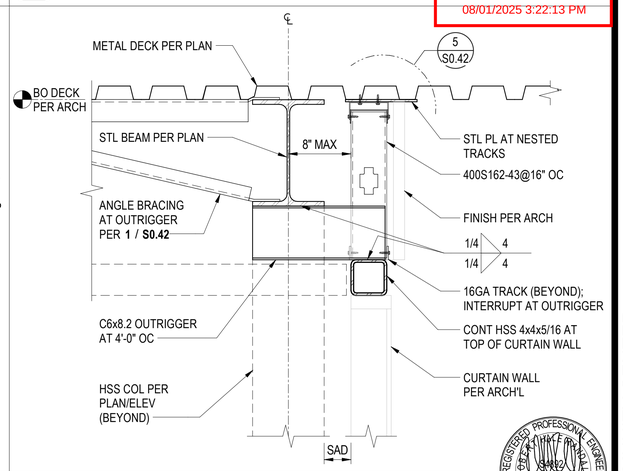
9 S6.02 DECK DETAIL
1 1/2" = 1'-0"



7 S6.02 CANOPY DETAIL
1 1/2" = 1'-0"



4 S6.02 DETAIL
1 1/2" = 1'-0"



1 S6.02 DETAIL
1 1/2" = 1'-0"

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:13 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1 1/2" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

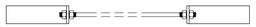
CITY W.O. NO. CIP 2018-31

DRAWING NO. **S6.02**
SHEET 169 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

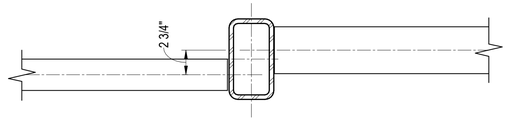
SANTEE COMMUNITY CENTER - DETAILS AND SECTIONS

Please Recycle



HSS COL

PSL BM PER PLAN, TYP

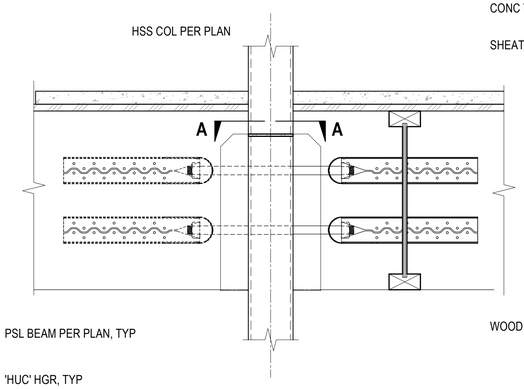


PLAN VIEW A-A

CONC TOPPING SLAB PER PLAN, TYP

SHEATHING PER PLAN, TYP

HSS COL PER PLAN

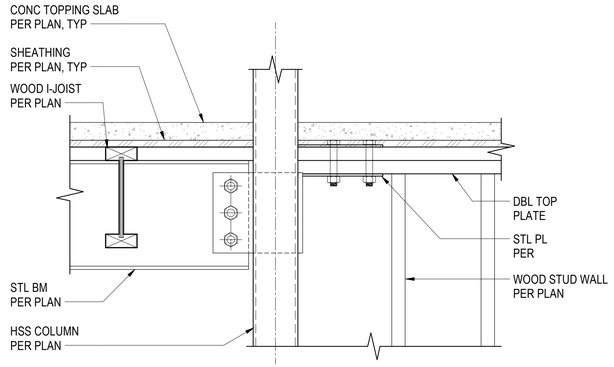


PSL BEAM PER PLAN, TYP

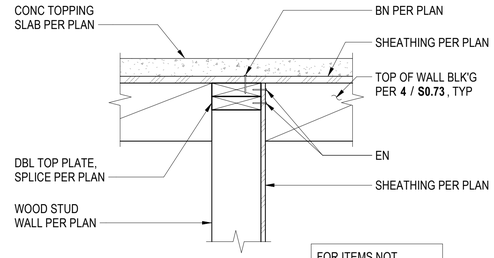
'HUC' HGR, TYP

WOOD I-JOIST PER PLAN

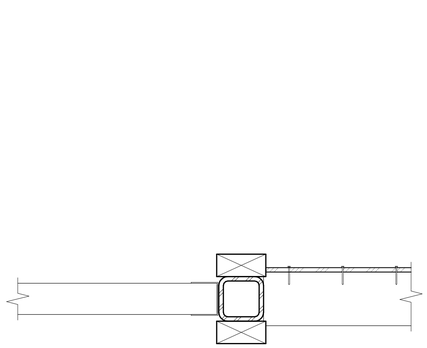
5 / S6.03 DETAIL
1 1/2" = 1'-0"



3 / S6.03 DETAIL
1 1/2" = 1'-0"



2 / S6.03 DETAIL
1 1/2" = 1'-0"



HSS COL
PER PLAN

CONC TOPPING
PER PLAN

SHEATHING
PER PLAN, TYP

PL W/ BOLTS PER
4 / S0.73

DBL TOP PLATE,
SPLICE PER PLAN

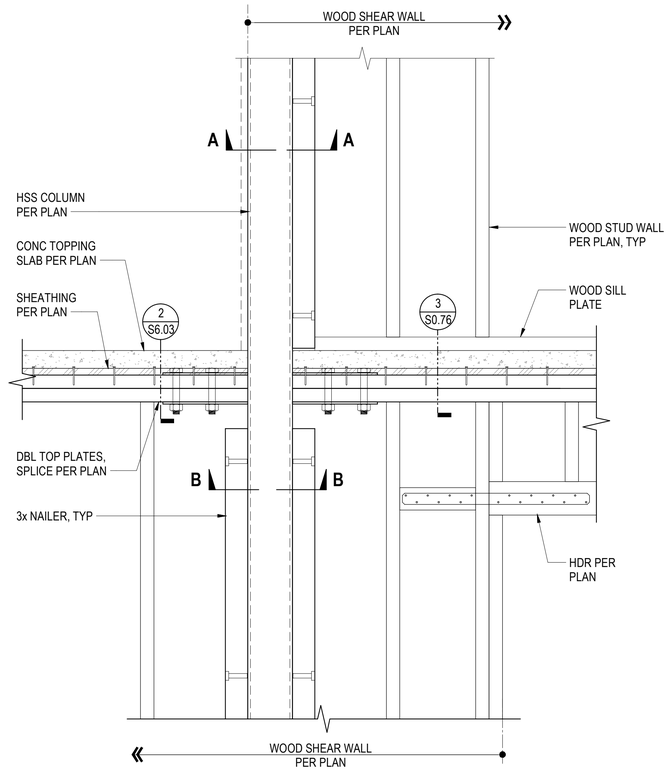
WOOD STUD WALL
PER PLAN, TYP

MST148 STRAP
(BEYOND)

PSL BEAM
PER PLAN

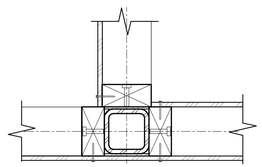
'HUC' CONCEALED
FLANGE HGR

4 / S6.03 DETAIL
1 1/2" = 1'-0"

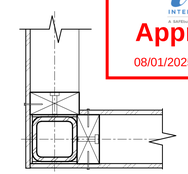


ELEVATION

1 / S6.03 DETAIL
1 1/2" = 1'-0"



SECTION B-B



SECTION A-A

Santee
SO MUCH TO DO! SO EASY!

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22**, 2025**5**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:13 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1 1/2" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S6.03**
SHEET 170 OF 294

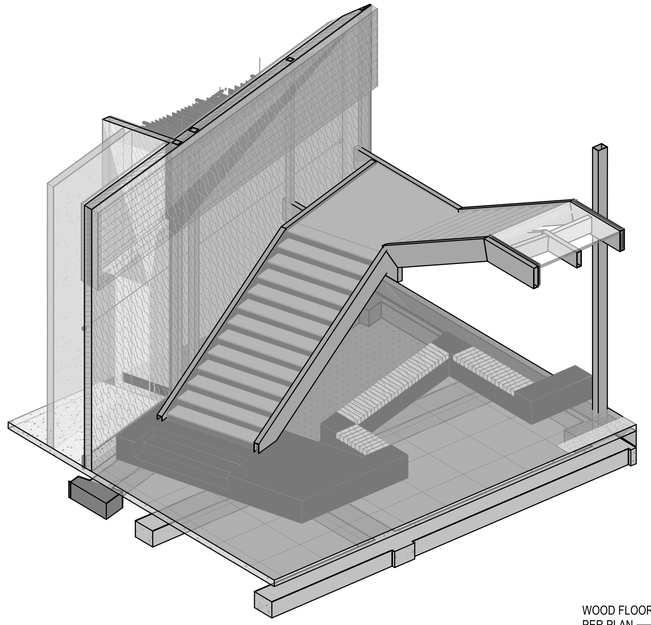
100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - DETAILS AND SECTIONS

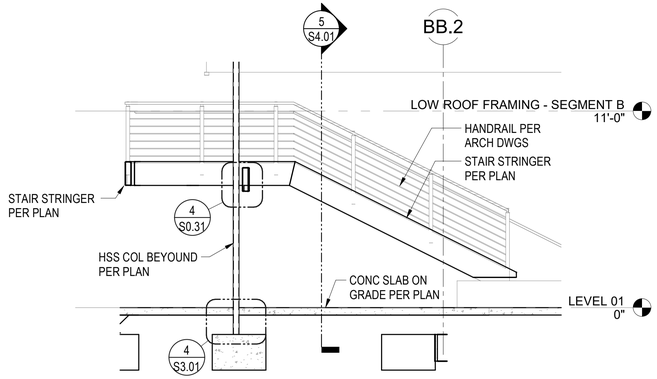
Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

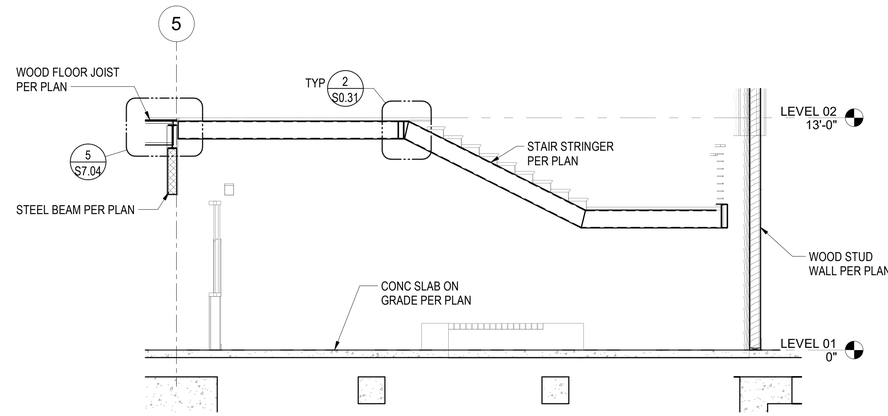
100% CONSTRUCTION DOCUMENTS - 01/12/2024



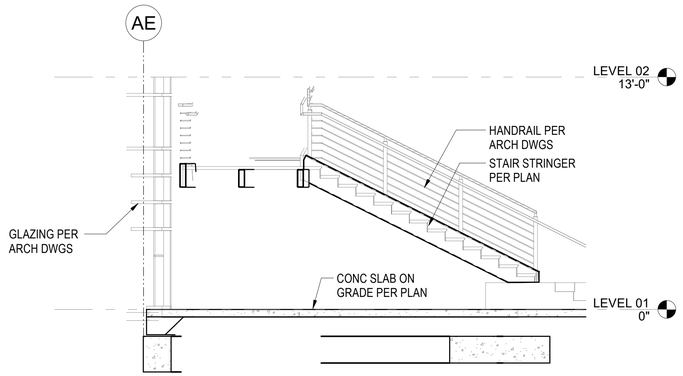
A S7.01 3D - STAIRS



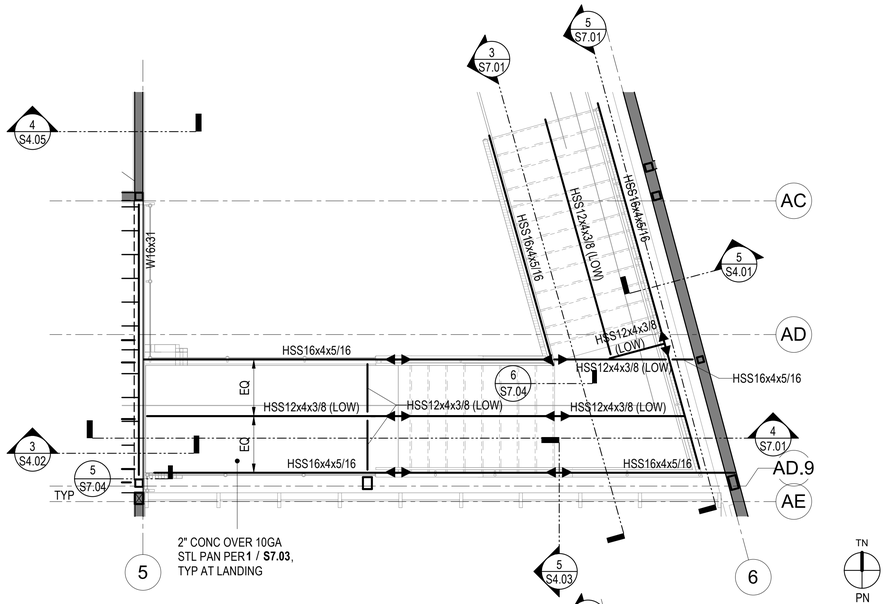
5 S7.01 STAIR SECTION 1/4" = 1'-0"



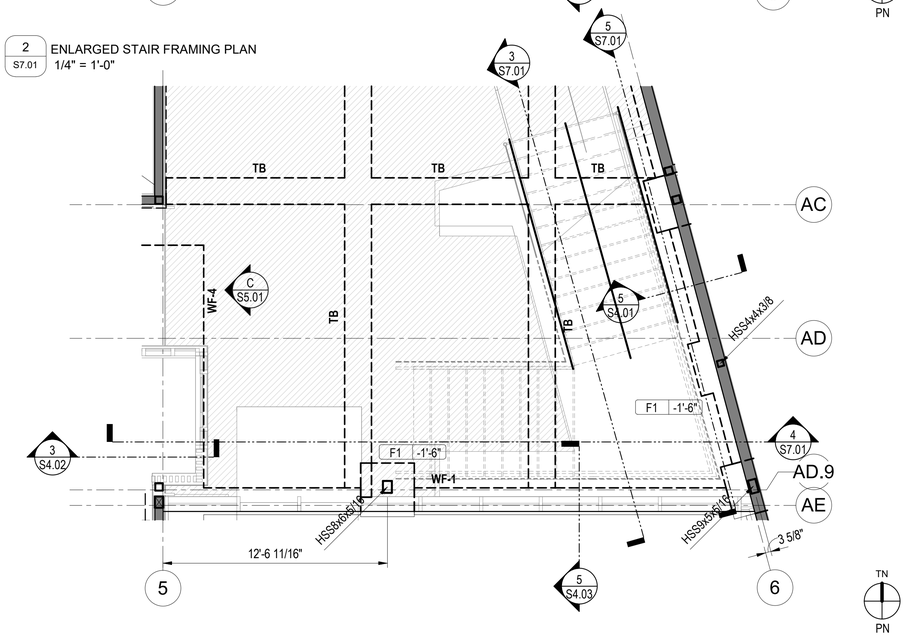
4 S7.01 STAIR SECTION 1/4" = 1'-0"



3 S7.01 STAIR SECTION 1/4" = 1'-0"



2 S7.01 ENLARGED STAIR FRAMING PLAN 1/4" = 1'-0"



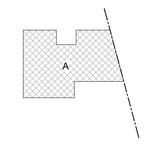
1 S7.01 ENLARGED STAIR FOUNDATION PLAN 1/4" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST A Bureau Veritas Company
Approved
08/01/2025 3:22:13 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL 04/30/12 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/4" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

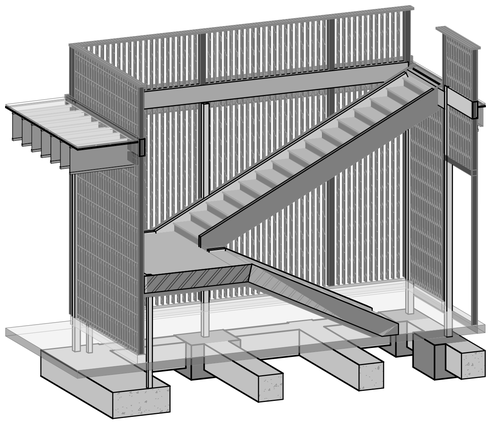
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S7.01**
	SHEET 171 OF 294

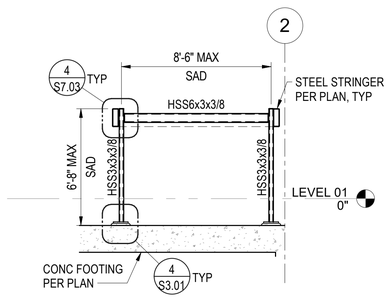
SANTEE COMMUNITY CENTER - STAIR PLAN & ELEVATION AND DETAILS

Please Recycle

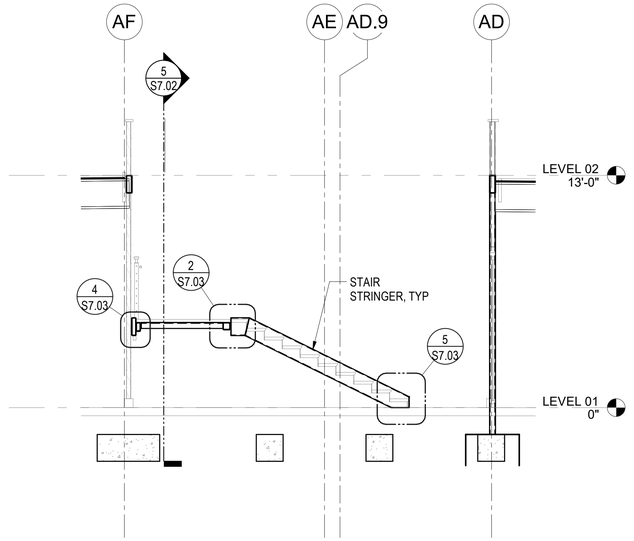
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Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025



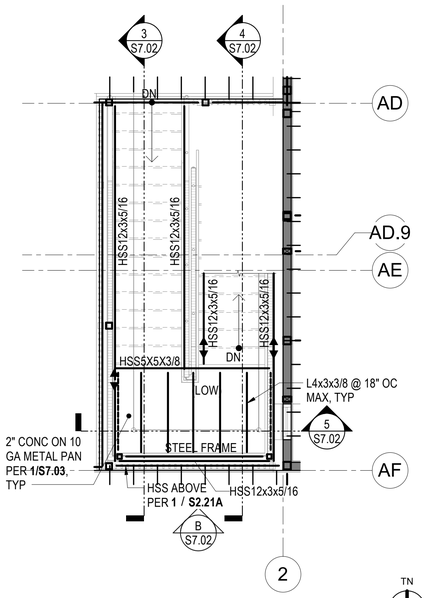
A S7.02 3D - STAIRS



B S7.02 STAIR LANDING OMF ELEVATION
1/4" = 1'-0"

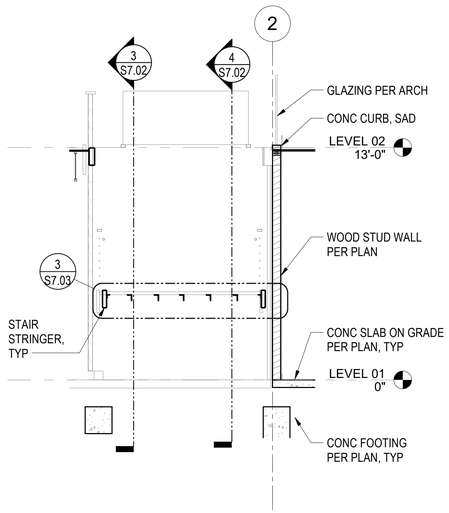


4 S7.02 STAIR SECTION
1/4" = 1'-0"

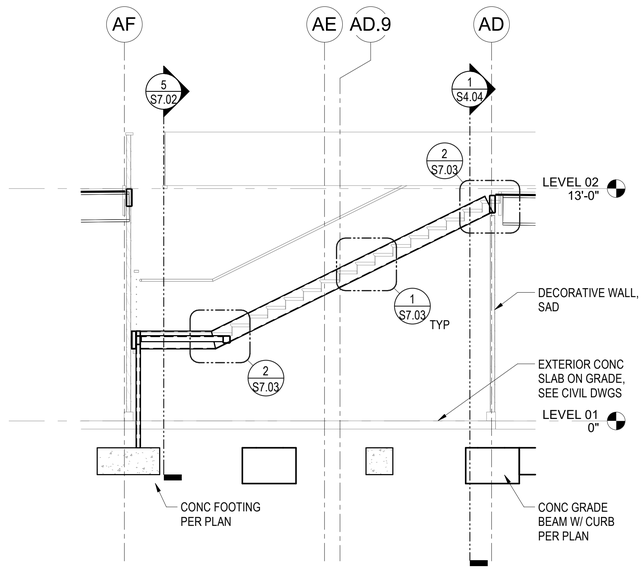


2 S7.02 ENLARGED STAIR FRAMING PLAN
1/4" = 1'-0"

INTERWEST
Approved
08/01/2025 3:22:13 PM



5 S7.02 STAIR SECTION
1/4" = 1'-0"



3 S7.02 STAIR SECTION
1/4" = 1'-0"

1 S7.02 ENLARGED EXIT STAIR FOUNDATION PLAN
1/4" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/4" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

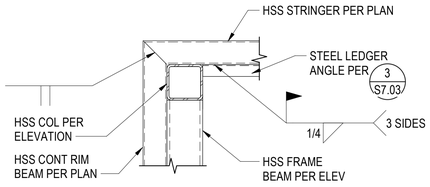
CITY W.O. NO. CIP 2018-31

DRAWING NO. **S7.02**
SHEET 172 OF 294

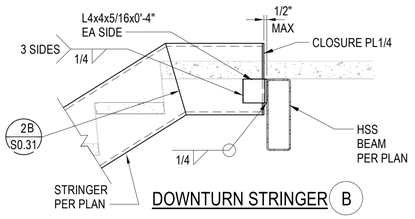
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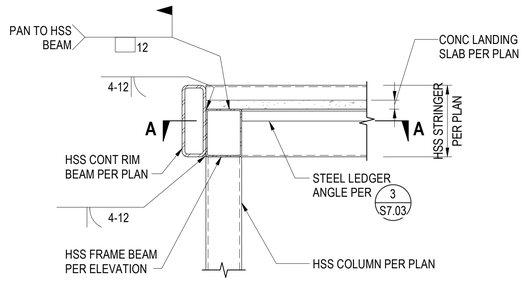
100% CONSTRUCTION DOCUMENTS - 01/12/2024

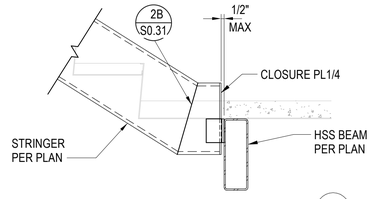


PLAN A-A



DOWNTURN STRINGER (B)



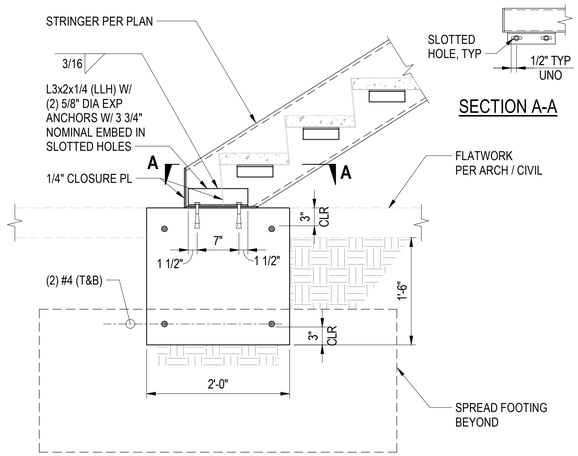


UPTURN STRINGER (A)

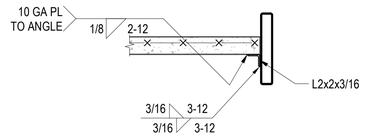
NOTE:
FOR REMAINDER OF INFORMATION SEE DETAIL (B)

4 S7.03 STAIR LANDING CORNER DETAIL
1" = 1'-0"

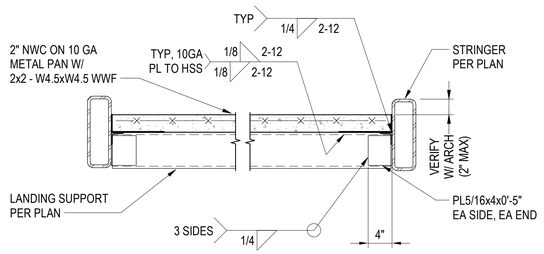
2 S7.03 STRINGER CONNECTION AT LANDING
1" = 1'-0"

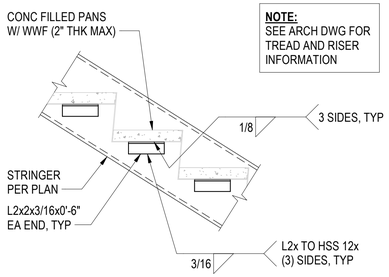


SECTION A-A



LEDGER ANGLE DETAIL





5 S7.03 STRINGER BASE CONNECTION
1" = 1'-0"

3 S7.03 INTERMEDIATE LANDING DETAIL
1" = 1'-0"

1 S7.03 TYPICAL STAIR RISER SUPPORT DETAIL
1" = 1'-0"

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:13 PM

Santee
CA | RISE & SHINE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
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DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1" = 1'-0"	Designer	Author	Checker
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	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S7.03**
SHEET 173 OF 294

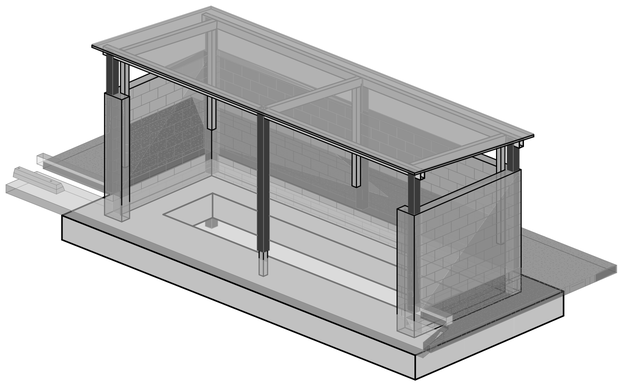
SANTEE COMMUNITY CENTER - STAIR DETAILS

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

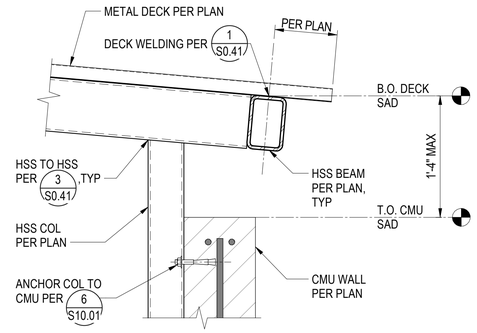
Please Recycle

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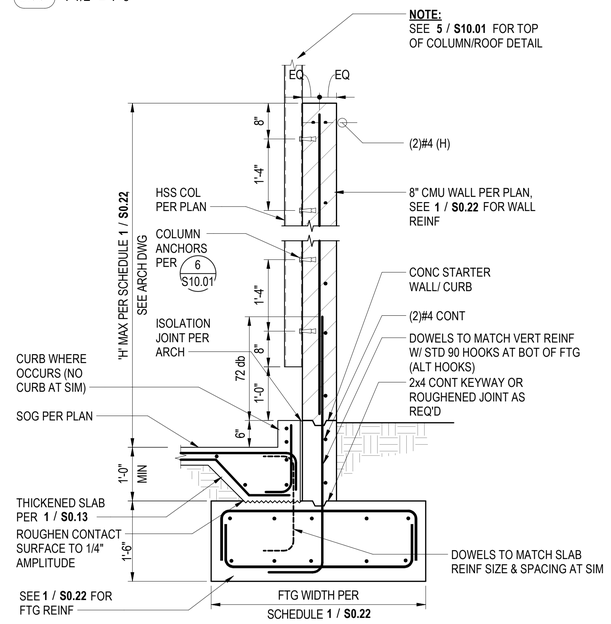
100% CONSTRUCTION DOCUMENTS - 01/12/2024



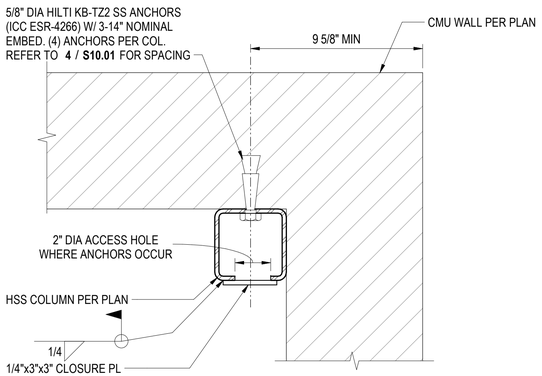
3D S10.01 3D - TRASH ENCLOSURE



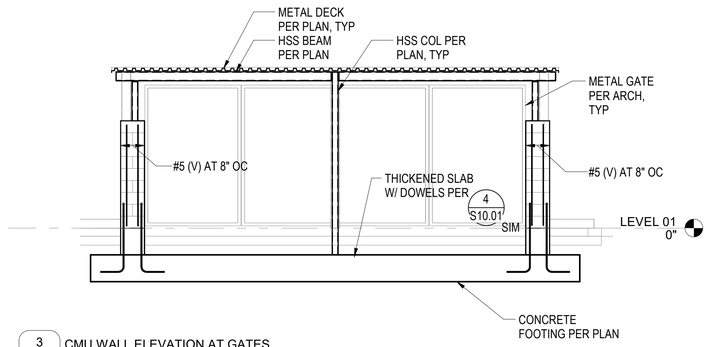
5 S10.01 DETAIL
1 1/2" = 1'-0"



4 S10.01 TYPICAL CMU TRASH ENCLOSURE COLUMN / WALL DETAIL
3/4" = 1'-0"

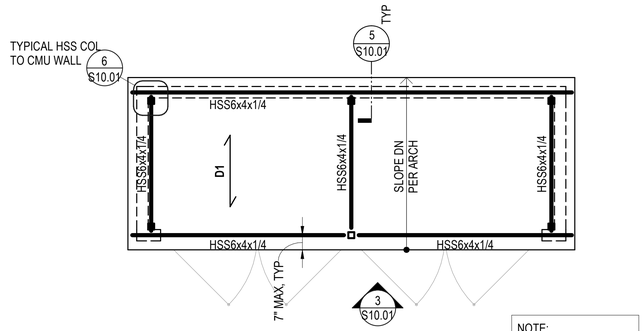


6 S10.01 TYPICAL HSS COL TO CMU WALL
3" = 1'-0"



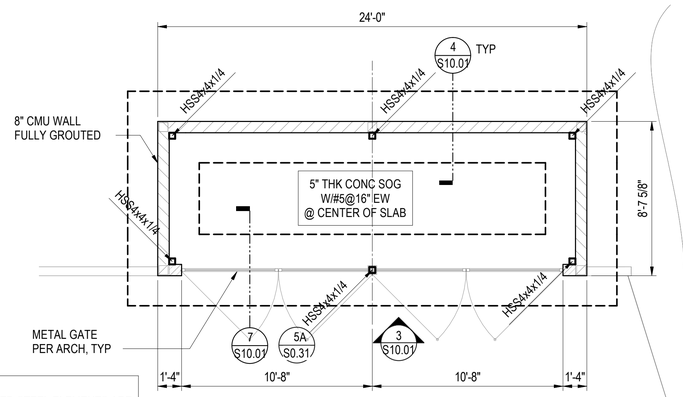
3 S10.01 CMU WALL ELEVATION AT GATES
1/4" = 1'-0"

Santee
GO HIGHER & DIG EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASandre
Date: Aug 22, 2025



NOTE:
REFER TO **3/S0.41** FOR TYPICAL HSS TO HSS CONNS.

2 S10.01 TRASH ENCLOSURE - ROOF FRAMING PLAN
1/4" = 1'-0"



NOTES:
1. ALL EXPOSED STEEL ELEMENTS ARE TO BE GALVANIZED OR PAINTED, SEE ARCH DWGS.
2. SEE **S2.11A** FOR TYPICAL FOUNDATION PLAN NOTES & LEGEND.

1 S10.01 TRASH ENCLOSURE - FOUNDATION PLAN
1/4" = 1'-0"

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:13 PM

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S10.01**
SHEET 174 OF 294

SANTEE COMMUNITY CENTER - TRASH ENCLOSURE PLANS AND DETAILS

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

ABBREVIATIONS

-#-	
2WAY	TWO-WAY
3WAY	THREE-WAY
-A-	
A/C	AIR CONDITION
AD	ACCESS DOOR
ADA	AMERICAN DISABILITIES ACT
ADDL	ADDITIONAL
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AIA	AMERICAN INSTITUTE OF ARCH
AMP	AMPERE
ARCH	ARCHITECT
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION & AIR CONDITIONING ENGINEERS
AUTO	AUTOMATIC
AVG	AVERAGE
-B-	
BDD	BACKDRAFT DAMPER
BFP	BACKFLOW PREVENTOR
BLDG	BUILDING
BLW	BELOW / UNDERGROUND
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT/ HOUR
-C-	
CAP	CAPACITY, CAPACITOR
CC	COOLING COIL
CD	CEILING DIFFUSER, CONSTRUCTION DOCUMENT
CFM	CUBIC FEET PER MINUTE
CFSD	COMBINATION FIRE/SMOKE DAMPER
CH	CHILLER
CHWP	CHILLED WATER PUMP
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CL	CENTER LINE, CLOSE, CLOSET
CLG	CEILING
CNDS	CONDENSATE DRAIN
CO2	CARBON DIOXIDE
COND	CONDENSER
CONN	CONNECT, CONNECTION
CP	CONTROL PANEL, CHROME PLATED
CV	CONSTANT VOLUME
CWP	CONDENSER WATER PUMP
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
-D-	
(D)	EXISTING TO BE DEMOLISHED
DB	DRY BULB
dB	DECIBEL
DBA	UNIT OF SOUND LEVEL
DBT	DRY BULB TEMPERATURE
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREE
DIA	DIAMETER
DMPR	DAMPER
DN	DOWN
DPT	DEW POINT TEMPERATURE
DR	DRAIN
DWG	DRAWING
-E-	
(E) / EX	EXISTING TO REMAIN
(ER)	EXISTING TO BE RELOCATED
EA	EXHAUST AIR
EAR	EXHAUST AIR REGISTER
EAT	ENTERING AIR TEMPERATURE
EDBT	ENTERING DRY BULB TEMP
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EL	ELEVATION / ELEVATOR LOBBY
ELEC	ELECTRIC / ELECTRICAL
EQ	EQUAL
ESP	EXTERNAL STATIC PRESSURE
EWBT	ENTERING WET BULB TEMP
EWT	ENTERING WATER TEMP
EXH	EXHAUST
EXIST	EXISTING
-F-	
F	FAHRENHEIT, FIRE SERVICE, FEMALE
FA	FACE, FREE AREA, FIRE ALARM
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FIN FLR	FINISH FLOOR
FLA	FULL LOAD AMPERES
FLEX	FLEXIBLE
FLTR	FILTER
FPM	FEET PER MINUTE
FT	FOOT, FEET
-G-	
GAL	GALLON
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GRL	GRILLE
-H-	
HD	HEAD
HORIZ	HORIZONTAL
HP	HORSEPOWER
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
HWP	HOT WATER PUMP
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HZ	HERTZ
-I-	
ID	INSIDE DIMENSION
IN	INCH
INSUL	INSULATION
-K-	
KW	KILOWATT
-L-	
(L)	LINED
LAT	LEAVING AIR TEMPERATURE
LBS	POUND(S)
LH	LATENT HEAT
LTH	LENGTH
LVR	LOUVER
LWT	LEAVING WATER TEMPERATURE
-M-	
MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBTUH	THOUSAND BTU PER HOUR
MECH	MECHANICAL
MED	MEDIUM
MER	MECHANICAL EQUIPMENT ROOM
MFR	MANUFACTURER
MHP	MOTOR HORSEPOWER
MIN	MINIMUM, MINUTE
MOT	MOTOR
MS	MOTOR STARTER
MTD	MEAN TEMP DIFFERENCE
MTGHT	MOUNTING HEIGHT
MU	MAKE UP WATER LINE
-N-	
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN, NUMBER
NTS	NOT TO SCALE
-O-	
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
-P-	
PD	PRESSURE DROP / DIFFERENCE
PERF	PERFORATED
PH	PHASE
PLBG	PLUMBING
POS	POSITIVE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
-R-	
(R)	REMOVE EXISTING
R	RISE
RA	RETURN AIR
RAG	RETURN AIR GRILLE
REC	RECESSED
REFR	REFRIGERATION
REG	REGISTER
REM	REMOVABLE
REQD	REQUIRED
RFGT	REFRIGERANT
RH	RELATIVE HUMIDITY
RHC	REHEAT COIL
RLA	RUNNING LOAD AMPERES
RLL	REFRIGERANT LIQUID LINE
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RSL	REFRIGERANT SUCTION LINE
-S-	
SA	SUPPLY AIR, SHOCK ABSORBER
SAR	SUPPLY AIR REGISTER
SD	SMOKE DAMPER / DETECTOR, STORM DRAIN
SEER	SEASONAL ENERGY EFFICIENCY
SF	SQUARE FOOT (FEET)
SF	SUPPLY FAN
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SS	STAINLESS STEEL
STRUC	STRUCTURAL
-T-	
T	THROAT
TA	TRANSFER AIR
TDH	TOTAL DYNAMIC HEAD
TEMP	TEMPERATURE
TSTAT	THERMOSTAT
TYP	TYPICAL
-V-	
V	VOLT, VENT, VIDEO
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
-W-	
W	WIDTH, WIRE, WATT, WASTE
W/	WITH
W/O	WITHOUT
WB	WET BULB
WMS	WIRE MESH SCREEN
WP	WEATHERPROOF, WORKING PRESSURE

SYMBOLS LEGEND

ANNOTATION	
1 VIEW TITLE SCALE: NTS	PLAN TITLE NO. -1
1 TITLE M-201 SCALE: NTS	TITLE MARK DETAIL OR PLAN NO. - 1 FOUND IN M-201
1 M-501	DETAIL REFERENCE DETAIL NO. - 1 FOUND IN M-501
1 M-501	SECTION MARK SECTION NO. - 1 FOUND IN M-501
2 M-201	DETAIL BOUNDARY B DETAIL NO. - 2
1	SHEET KEYNOTE
1	REVISION CLOUD (DELTA 1)
- #	EQUIPMENT TAG DESIGNATION AC DESIGNATION NUMBER 1-1
1.0 F.A.	LOUVER IN DOOR MINIMUM 1.0 SQ FT, FREE AREA
	POINT OF CONNECTION
	POINT OF DISCONNECTION

DUCT	
	DUCTWORK (NEW)
(E)	DUCTWORK (EXISTING)
(D)	DUCTWORK (EXISTING TO BE DEMOLISHED)
	DUCTWORK WITH ACOUSTIC LINING
	DUCT UNDER POSITIVE PRESSURE
	DUCT UNDER NEGATIVE PRESSURE
UP	RISE IN DUCT (IN DIRECTION OF AIR FLOW)
DN	DROP IN DUCT (IN DIRECTION OF AIR FLOW)
	REHEAT COIL
	FLEX DUCT
	DUCT TRANSITION
	VANED ELBOW
	RADIUS ELBOW
	DUCT FITTING (SEE DETAILS)
	FLEXIBLE DUCT CONNECTION

DUCT (CONTINUATION)	
	TRANSFER AIR BOOT (STRAIGHT) SEE SCHEDULE REQUIREMENTS
	TRANSFER AIR ELBOW WITH ACOUSTIC LINING
SA	SOUND ATTENUATOR
	ACCESS PANEL

DIFFUSERS	
CD-A 100	CEILING SUPPLY DIFFUSER, TYPE A, THROW PATTERN 4-WAY, 100 CFM
CR-A 100	CEILING RETURN REGISTER (GRILLE), TYPE A, 100 CFM
EG-A 100	CEILING EXHAUST TYPE A, 100 CFM
	CEILING SUPPLY WITH BLANKING PLATE (3-WAY)
	EXISTING TO REMAIN
	EXISTING TO BE DEMOLISHED
	SIDEWALL SUPPLY DIFFUSER
	LINEAR SLOT DIFFUSER
12X6 WR 150	12"X6" SIDEWALL SUPPLY REGISTER, 150 CFM
12X6 WG 150	12"X6" SIDEWALL RETURN / EXHAUST REGISTER, 150 CFM
	ROUND SUPPLY DIFFUSER
	ROUND RETURN DIFFUSER
	FLOOR REGISTER (GRILLE)

VAV BOXES	
	SINGLE DUCT VAV BOX
	SINGLE DUCT VAV WITH REHEAT
	SINGLE DUCT VAV BOX WITH ATTENUATOR
	SINGLE DUCT VAV BOX WITH REHEAT AND ATTENUATOR
	SHUT-OFF VAV BOX WITH HYDRONIC HEATING COIL AND OUTLET BOX

DAMPERS AND CONTROLS	
	COMBINATION SMOKE/FIRE DAMPER
	SMOKE DAMPER
	BACK DRAFT DAMPER
	VOLUME DAMPER
T	THERMOSTAT

PIPING	
	NEW PIPING (SEE ABBREVIATION FOR PIPE I.D.)
(E)	EXISTING TO REMAIN
(D)	EXISTING TO BE DEMOLISHED

CONTROL DEVICES	
	PIPE HEAT TRACER

VALVES	
	BALL VALVE
	BUTTERFLY VALVE
	CHECK VALVE
	FLOAT VALVE
	FUSIBLE LINK
	GATE VALVE
	GATE VALVE - OS&Y
	GLOBE VALVE
	MOTORIZED BALL VALVE
	PLUG VALVE
	PLUG SAFETY VALVE
	PRESSURE REDUCING VALVE
	SOLENOID VALVE
	VALVED AND CAPPED OUTLET
BFP	BACK FLOW PREVENTER

FITTINGS	
	ELBOW DOWN
	ELBOW DOWN TO TEE
	ELBOW UP
	END CAP
	TEE DOWN
	TEE UP
	UNION

CODE INFORMATION

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH:

2022 CALIFORNIA MECHANICAL CODE (CMC)

2022 CALIFORNIA ELECTRICAL CODE (CEC)

2022 CALIFORNIA BUILDING CODE (CBC)

2022 CALIFORNIA PLUMBING CODE (CPC)

2022 CALIFORNIA ENERGY CODE (CEC)

2022 CALIFORNIA FIRE CODE (CEC)

Santee
SO PROUD TO HAVE BEEN

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:13 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

GENERAL NOTES

1. WHERE THERE IS A DISCREPANCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, NOTIFY THE ENGINEER PRIOR TO BID. FOR BIDDING PURPOSES THE MORE STRINGENT SHALL APPLY.
2. THE CONTRACTOR SHALL EXAMINE THE COMPLETE SET OF CONTRACT DOCUMENTS FOR ALL TRADES, AS ISSUED BY THE ARCHITECT AND REVIEW DIMENSIONS, SPACE REQUIREMENTS AND POINT OF CONNECTIONS TO ALL EQUIPMENT. MAKE ANY MINOR ADJUSTMENTS NECESSARY TO AVOID CONFLICTS WITH THE BUILDING STRUCTURE AND THE WORK OF OTHER TRADES.
3. UNLESS INSTRUCTED OTHERWISE, THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES, AND FEES REQUIRED FOR INSTALLATION OF THE MECHANICAL WORK. FURNISH FINAL CERTIFICATE OF INSPECTION OR WRITTEN EVIDENCE OF ACCEPTANCE BY INSPECTION AUTHORITIES FOR ALL WORK INSTALLED.
4. REFER TO COMPLETE DRAWING PACKAGE FOR EXTENT OF CONSTRUCTION AND EXACT LOCATION OF FIXTURES, EQUIPMENT, DEVICES , ETC.
5. CONTRACTOR SHALL COORDINATE WITH ALL TRADES TO ENSURE AN UNDERSTANDING OF THE COMPLETE SCOPE OF PROJECT PRIOR TO START OF WORK.
6. ALL EQUIPMENT & MATERIALS SHALL MATCH DESIGN SPECIFICATIONS AND MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.
7. LOCATION OF DUCTWORK IS APPROXIMATE. ALL DRAWINGS AND LAYOUT ARE DIAGRAMMATIC TO SHOW DESIGN INTENT ONLY. CONTRACTOR TO COORDINATE ALL DUCTWORK AND PIPING WITH ALL OTHER WORK IF FIELD CONDITIONS DIFFER SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS AND AFFECT WORK, INFORM ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH THAT AREA.
8. INSTALL FIRE DAMPER OR COMBINATION FIRE/SMOKE DAMPER ON ALL DUCTS PENETRATING FIRE RATED ENCLOSURES AND PARTITIONS, AND RATED CEILINGS OF HORIZONTAL EXITS. THE CONTRACTOR SHALL INTERLOCK ALL COMBINATION FIRE/SMOKE DAMPERS WITH LISTED AREA TYPE SMOKE DETECTORS IN THE BUILDING FIRE LIFE SAFETY SYSTEM. VERIFY WITH LIFE SAFETY SYSTEM CONTRACTOR. SEE FIRE ALARM SPECIFICATION AND SMOKE CONTROL NOTES FOR ADDITIONAL INFORMATION.
9. AIR HANDLING UNITS AND FAN COIL UNITS SHALL BE PROVIDED WITH DUCT SMOKE DETECTORS AT THE UNITS OUTLET WHEN THE UNITS CAPACITY EQUALS 2000 CFM OR GREATER. THE SMOKE DETECTORS LOCATED AT AIR MOVING EQUIPMENT SHALL SHUT DOWN ALL AIR HANDLING EQUIPMENT VIA THE LIFE SAFETY SYSTEM. WHEN SMOKE IS DETECTED AT EQUIPMENT, ALL OTHER AIR MOVING EQUIPMENT LOCATED IN OR CONNECTED TO COMMON PLENUM OR SMOKE ZONE SHALL SHUT DOWN.
10. A MINIMUM OF 36" CLEAR WORKING SPACE, NOT LESS THAN 30" WIDE, SHALL BE MAINTAINED IN FRONT OF ALL SWITCHES, OVERCURRENT DEVICES AND ELECTRIC CONTROL COMPONENTS. THE WORKING SPACE SHALL BE CLEAR AND EXTEND FROM THE GRADE, FLOOR, OR PLATFORM TO MINIMUM OF 6'-8" FT. WHERE THE ELECTRICAL EQUIPMENT EXCEEDS 6-1/2 FT IN HEIGHT, THE MINIMUM HEADROOM SHALL NOT BE LESS THAN THE HEIGHT OF THE EQUIPMENT.
11. A MINIMUM OF 24" CLEAR WORKING SPACE SHALL BE PROVIDED IN FRONT OF THE ACCESS PANELS.
12. ALL ELECTRICAL CONTROLS FOR THE SMOKE CONTROL SHALL BE RATED FOR SUCH USE.
13. PROVIDE ACCESS PANELS (MATCH WALL OR CEILING RATING) IN ALL WALLS OR CEILINGS WHERE ACCESS TO DAMPERS, CONTROLS, ETC ARE REQUIRED BY CODE. COORDINATE LOCATIONS WITH ARCHITECT.
14. CONTRACTOR SHALL NOTE THE CRITICAL SPACE AVAILABLE ABOVE CEILINGS. PROVIDE TRANSITION PIECES AT CROSSOVERS, UNDER BEAMS, OVER/UNDER PIPES, AS REQUIRED TO ACCOMMODATE DUCTS WITHIN SPACE AVAILABLE, PROVIDING EQUIVALENT DUCT SIZE TO THE DIAMETER SHOWN. COORDINATE CLOSELY WITH OTHER TRADES TO REDUCE NECESSITY OF TRANSITIONS TO A MINIMUM. NO ADDITIONAL COSTS WILL BE PAID FOR ANY REQUIRED TRANSITIONS OR OTHER SPECIAL CHANGE SHAPE PIECES. ALL DUCTWORK SHALL BE SUPPORTED AND SEISMICALLY RESTRAINED PER THE LOCAL BUILDING CODES AND SMACNA STANDARD.
15. THERE SHALL BE NO PIPING AND/OR DUCTWORK RUN THROUGH ELECTRICAL ROOMS UNLESS THAT DUCTWORK AND/OR PIPING IS SERVING THAT ELECTRICAL SPACE.
16. ALL FLEXIBLE DUCT CONNECTIONS TO AIR DISTRIBUTION DEVICES TO BE MAX. 5'-0" ACOUSTICAL FLEX DUCT PER SPECIFICATIONS.
17. NOT ALL SYMBOLS, NOTES, DETAILS AND EQUIPMENT IN SCHEDULES ON GENERAL SHEETS WILL APPLY TO EACH BUILDING. THEY ARE TO COVER ALL BUILDINGS AND WILL APPLY BASED ON SCOPE IN BUILDING.
18. BOLTS MUST BE INSTALLED TO AVOID DAMAGING EXISTING STEEL REINFORCEMENT. IN CASE OF CONFLICT, ADJUST BOLT LOCATION, ALLOWING FOR 1" CONCRETE COVER BETWEEN REBAR AND BOLT.
19. PROVIDE TRANSFER DUCTS AS NECESSARY ABOVE CEILING FOR RETURN AIR PATH TO AIR HANDLING EQUIPMENT SERVING THAT SPACE. REFER TO DETAILS FOR TRANSFER DUCT SIZES.
20. SUPPLY OR RETURN DUCTS CONVEYING HEATED OR COOLED AIR IN THE FOLLOWING LOCATIONS ARE REQUIRED TO BE INSULATED WITH R-8 INSULATION: (1) OUTDOORS, (2) IN A SPACE BETWEEN THE ROOF AND INSULATED CEILING, (3) IN A SPACE DIRECTLY UNDER A ROOF WITH FIXED VENTS OR OPENINGS TO THE OUTSIDE, (4) UNCONDITIONED SPACE.

SHEET INDEX

NO.	TITLE	SCALE
M0.00	MECHANICAL COVER SHEET	NONE
M0.01	MECHANICAL SCHEDULES (#1 OF 2)	NONE
M0.02	MECHANICAL SCHEDULES (#2 OF 2)	NONE
M0.03	MECHANICAL TITLE 24 (#1 OF 3)	NONE
M0.04	MECHANICAL TITLE 24 (#2 OF 3)	NONE
M0.05	MECHANICAL TITLE 24 (#3 OF 3)	NONE
MZ2.11	MECHANICAL 1ST FLOOR - ZONING PLAN	3/32" = 1'-0"
MZ2.21	MECHANICAL 2ND FLOOR - ZONING PLAN	3/32" = 1'-0"
M2.11	MECHANICAL LEVEL 1 - OVERALL PLAN	3/32" = 1'-0"
M2.11A	MECHANICAL LEVEL 1 - SEGMENT A PLAN	3/16" = 1'-0"
M2.11B	MECHANICAL LEVEL 1 - SEGMENT B PLAN	3/16" = 1'-0"
M2.21	MECHANICAL LEVEL 2 PLAN	3/16" = 1'-0"
M2.31	MECHANICAL ROOF PLAN	3/32" = 1'-0"
MP2.11A	MECHANICAL 1ST FLR - SEG. A - PIPING PLAN	3/16" = 1'-0"
MP2.11B	MECHANICAL 1ST FLR - SEG. B - PIPING PLAN	3/16" = 1'-0"
MP2.21A	MECHANICAL 2ND FLR - SEG. A - PIPING PLAN	3/16" = 1'-0"
MP2.31B	MECHANICAL ROOF - SEG B. - PIPING PLAN	3/16" = 1'-0"
M5.01	MECHANICAL DETAILS (#1 OF 5)	NONE
M5.02	MECHANICAL DETAILS (#2 OF 5)	NONE
M5.03	MECHANICAL DETAILS (#3 OF 5)	NONE
M5.04	MECHANICAL DETAILS (#4 OF 5)	NONE
M5.05	MECHANICAL DETAILS (#5 OF 5)	NONE
M6.01	MECHANICAL PIPING DIAGRAMS	NONE
M7.01	MECHANICAL CONTROLS (#1 OF 4)	NONE
M7.02	MECHANICAL CONTROLS (#2 OF 4)	NONE
M7.03	MECHANICAL CONTROLS (#3 OF 4)	NONE
M7.04	MECHANICAL CONTROLS (#4 OF 4)	NONE

SEISMIC BRACING NOTES

ALL SUSPENDED UTILITY SYSTEMS, WHICH INCLUDE:

ELECTRICAL, MECHANICAL, AND PLUMBING EQUIPMENT AND ASSOCIATED CONDUIT, DUCTWORK, AND PIPING ARE REQUIRED TO HAVE SEISMIC RESTRAINT ATTACHMENTS DESIGNED TO FESIST THE TOTAL DESIGN SEISMIC FORCES PRESCRIBED IN SECTION 1613A. THE CONTRACTOR SHALL PROVIDE TYPICAL SEISMIC RESTRAINT DETAILS AND DOCUMENTATION SUBSTANTIATING COMPLIANCE WITH SECTION 1613A OF THE 2019 CALIFORNIA BUILDING CODE, INCLUDING SEISMIC RESTRAINT ASSEMBLY DETAILS. ANCHORAGE TO OVERHEAD STRUCTURES WITH SUPPORTING ENGINEERING STAMP BY A LICENSED CIVIL OR STRUCTURAL ENGINEER SHALL BE SUBITTED FOR REVIEW PRIOR TO INSTALLATION AND IS REQUIRED AT TIME OF INSPECTION.

PROVIDE SEISMIC SUPPORTS FOR HVAC DUCTWORK WHERE THE DUCTS ARE SUSPENDED FROM THE HANGERS MORE THAN 12 INCHES IN LENGTH OR IF THE HVAC DUCTS HAVE A CROSS-SECTIONAL AREA OF 6 SQAURE FEET OR GREATER (ASCE 7-10, SEC. 13.6.7).

GREEN BUILDING NOTES

1. DUCT OPENING AND OTHER RELATED AIR DISTRIBUTION OPENINGS SHALL BE COVERED DURING CONSTRUCTION (SEC 5.504.3)
2. IN ADDITION TO TESTING AND ADJUSTING, BEFORE A NEW SPACE-CONDITIONING SYSTEM SERVING A BUILDING OR SPACE IS OPERATED FOR NORMAL USE, BALANCE THE SYSTEM IN ACCORDANCE WITH THE PROCEDURES DEFINED BY THE TESTING ADJUSTING AND BALANCING BUREAU NATIONAL STANDARDS; THE NATIONAL ENVIRONMENTAL BALANCING BUREAU PROCEDURAL STANDARDS; OR ASSOCIATED AIR BALANCE COUNCIL NATIONAL STANDARDS.
3. TESTING, ADJUSTMENT AND BALANCING SHALL BE CARRIED OUT BY THE TAB CONTRACTOR CERTIFIED WITH AABC AND SHALL MEET AABC'S NATIONAL STANDARD FOR TOTAL SYSTEM BALANCE.
4. PROVIDE THE BUILDING OWNER OR REPRESENTAIVE WITH DETAILED OPERATION AND MAINTENANCE INSTRUCTIONS AND COPIES OF GUARANTIES/WARRANTIES FOR EACH SYSTEM. O&M INSTRUCTIONS SHALL BE CONSISTENT WITH OSHA REQUIREMENTS IN CCR, TITLE 8, SECTION 5142, AND OTHER RELATED REGULATIONS.
5. AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENING SHALL BE COVERED WITH TAPE, PLASTIC, SHEETMETAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST, WATER AND DEBRIS WHICH MAY ENTER THE SYSTEM. CALGREEN SECTION: 4.504.1
6. BATHROOM EXHAUST FANS SHALL BE ENERGY STAR COMPLIANT AND DUCTED TO TERMINATE OUTSIDE THE BUILDING.
7. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, BATHROOM FANS SHALL BE CONTROLLED BY A HUMIDISTAT WHICH SHALL BE READILY ACCESSIBLE. HUMIDISTAT CONTROL SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF 50 - 80% (SECTION .506.1).
8. BUILDING COMMISIONING SHALL BE INCLUDED IN THE DESIGN AND CONSTRUCTION PROCESSES OF THE BUILDING PROJECT TO VERIFY THAT THE BUILDING SYSTEMS AND COMPONENTS MEET THE OWNER'S OR OWNER REPRESENTATIVE'S PROJECT REQUIREMENTS. COMMISIONING SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 5.410.2 BY TRAINED PERSONNEL WITH EXPERIENCE ON PROJECTS OF COMPARABLE SIZE AND COMPLEXITY.
9. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, BATHROOM EXHAUST FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL, WHICH SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF 50 TO 80% (SEC. 4.506.1).

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 100% Construction Documents 01/12/2024	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: NONE	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: M0.00
SHEET 175 OF 294

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL COVER SHEET

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

VARIABLE REFRIGERANT FLOW (VRF) FAN COIL SYSTEM SCHEDULE

MARK	SERVICE	LOCATION	CONFIGURATION	REFRIGERANT	FAN DATA		OUTSIDE AIR (CFM)	COOLING PERFORMANCE						HEATING PERFORMANCE			PIPE CONNECTIONS			FILTER			ELECTRICAL DATA						OPERATING WEIGHT (LB)	VIBRATION ISOLATION		BASIS OF DESIGN		NOTES
					AIR FLOW (CFM)	ESP (IN WC)		NET TOTAL CAPACITY (MBH)	NET SENSIBLE CAPACITY (MBH)	EDBT (°F)	EWBT (°F)	LDBT (°F)	LWBT (°F)	EDBT (°F)	LDBT (°F)	CAPACITY (MBH)	LIQUID	GAS	DRAIN	TYPE	MAX FACE VELOCITY (FPM)	INITIAL SP (IN WC)	V	PH	FREQ (HZ)	FLA	MCA	MOCP		SPECIFICATION MOUNTING TYPE	MIN STATIC DEFLECTION (IN)	MANUFACTURER	MODEL	
FCU-1-1	RESTROOMS	RESTROOMS	DUCTED	R410A	700	0.80	620	18.0	10.9	87.0	68.0	73.0	68.0	44.0	85.0	24.0	3/8"	5/8"	1 1/4"	MERV-13	500	0.13	208	1	60	1.5	1.9	15.0	90	SPRING ISOLATOR	1	DAIKIN	FXMQ24TBVJU	1-14
FCU-1-2	LOBBY	1ST CIRCULATION	DUCTED	R410A	1005	0.80	260	28.8	24.0	80.0	65.0	56.5	54.5	62.5	85.0	14.4	3/8"	5/8"	1 1/4"	MERV-13	500	0.15	208	1	60	2.5	3.1	15.0	115	SPRING ISOLATOR	1	DAIKIN	FXMQ36TBVJU	1-14
FCU-1-3	LOBBY	2ND CIRCULATION	DUCTED	R410A	830	0.80	230	25.3	18.5	77.0	64.5	57.9	55.5	63.0	85.0	12.8	3/8"	5/8"	1 1/4"	MERV-13	500	0.27	208	1	60	2.4	3.0	15.0	115	SPRING ISOLATOR	1	DAIKIN	FXMQ30TBVJU	1-14
FCU-1-4	OPEN OFFICE	OPEN OFFICE	DUCTED	R410A	635	0.80	160	13.9	10.0	77.0	64.8	58.7	56.8	62.1	85.0	7.2	1/4"	1/2"	1 1/4"	MERV-13	500	0.10	208	1	60	1.5	1.9	15.0	85	SPRING ISOLATOR	1	DAIKIN	FXMQ18TBVJU	1-14
FCU-1-5	CIRCULATION	1ST CIRCULATION	DUCTED	R410A	530	0.80	140	13.6	12.0	80.0	64.0	55.0	50.0	58.8	85.0	6.6	1/4"	1/2"	1 1/4"	MERV-13	500	0.10	208	1	60	1.5	1.9	15.0	85	SPRING ISOLATOR	1	DAIKIN	FXMQ18TBVJU	1-14
FCU-1-6	KITCHEN	KITCHEN	DUCTED	R410A	905	0.80	350	30.9	17.7	77.3	67.0	58.6	56.6	54.2	85.0	16.9	3/8"	5/8"	1 1/4"	MERV-13	500	0.15	208	1	60	2.5	3.1	15.0	115	SPRING ISOLATOR	1	DAIKIN	FXMQ36TBVJU	1-14
FCU-1-7	KITCHEN	KITCHEN	DUCTED	R410A	1410	0.80	350	44.5	25.0	77.2	66.8	60.0	57.0	55.4	85.0	24.0	3/8"	5/8"	1 1/4"	MERV-13	500	0.15	208	1	60	2.9	3.6	15.0	115	SPRING ISOLATOR	1	DAIKIN	FXMQ48TBVJU	1-14
FCU-2-1	MULTI-PURPOSE ROOM	MULTI-PURPOSE ROOM	DUCTED	R410A	1275	0.80	610	40.1	30.3	83.7	67.3	55.0	53.5	52.9	85.0	22.8	3/8"	5/8"	1 1/4"	MERV-13	500	0.15	208	1	60	2.9	3.6	15.0	115	SPRING ISOLATOR	1	DAIKIN	FXMQ48TBVJU	1-14
FCU-2-2	MULTI-PURPOSE ROOM	MULTI-PURPOSE ROOM	DUCTED	R410A	1200	0.80	640	41.7	31.5	83.9	67.4	55.0	53.5	52.5	85.0	23.7	3/8"	5/8"	1 1/4"	MERV-13	500	0.15	208	1	60	2.9	3.6	15.0	115	SPRING ISOLATOR	1	DAIKIN	FXMQ48TBVJU	1-14
FCU-2-3	2ND CIRCULATION	2ND CIRCULATION	DUCTED	R410A	360	0.60	205	10.8	6.7	78.0	65.8	56.9	56.4	55.4	85.0	7.6	1/4"	1/2"	1 1/4"	MERV-13	500	0.11	208	1	60	0.6	0.8	15.0	75	SPRING ISOLATOR	1	DAIKIN	FXSQ12TBVJU	1-14

NOTES:
1. PROVIDE WITH MANUFACTURER'S LINED RETURN/OUTSIDE AIR MIXING BOX.
2. PROVIDE EVAPORATOR COIL WITH FACTORY APPLIED CORROSION RESISTANT COATING.
3. PROVIDE UNIT WITH BACNET CONTROLLER AND TIE-IN TO BASE BUILDING BMS.
4. PROVIDE WITH 7-DAY PROGRAMMABLE DIGITAL THERMOSTAT.
5. PROVIDE WITH CONDENSATE PUMP (IF APPLICABLE). UNIT SHALL OPERATE 24/7.
6. PROVIDE UNIT WITH EC MOTOR. UNI SHALL BE HIGH STATIC.
7. PROVIDE WITH VIBRATION ISOLATION HANGERS WITH A MINIMUM 1" STATIC DEFLECTION.
8. PROVIDE FLEX CONNECTORS ON INLET & OUTLET OF UNIT.
9. PROVIDE WITH MERV-13 FILTER.
10. PROVIDE 1" ACOUSTICAL DUCT LINING FOR FIRST 15 FEET OF SUPPLY DUCT FROM ALL FCU UNITS. ALL FCU PLENUM BOXES SHALL HAVE 1" ACOUSTICAL LINING.
11. PROVIDE STAINLESS STEEL DRAIN PAN, FACTORY MOUNTED DISCONNECT SWITCH, DRAIN PAN OVERFLOW CONDENSATE SWITCH.
12. PROVIDE UNIT WITH INSULATING SOUND BLANKET, SUCH AS HUSHCORE OR EQUIVALENT.
13. UNIT SHALL BE EQUIPPED WITH OCCUPANT SENSING VENTILATION CONTROLS IN ACCORDANCE WITH TITLE 24 REQUIREMENTS.
14. PROVIDE SMOKE DUCT DETECTOR ON SUPPLY IN A WEATHER PROOF ENCLOSURE. UNIT SHALL SHUT DOWN UPON DETECTION OF SMOKE. PROVIDE INTEGRATION WITH FIRE LIFE SAFETY SYSTEMS.

AIR COOLED CONDENSING UNIT SCHEDULE

MARK	SERVICE	LOCATION	REFRIGERANT	NOMINAL CAPACITY (TONS)	AMBIENT AIR TEMP (°F)	TOTAL COOLING (MBH)	TOTAL HEATING (MBH)	CONDENSER FAN (S)			COMPRESSOR		ELECTRICAL DATA							PHYSICAL DATA				VIBRATION ISOLATION		BASIS OF DESIGN		NOTES
								TYPE	QTY	CMF (TOTAL)	QTY	TYPE	V	PH	FREQ (HZ)	FLA	MCA	MOCP	LENGTH	WIDTH	HEIGHT	OPERATING WEIGHT (LB)	SPECIFICATION MOUNTING TYPE	MIN STATIC DEFLECTION (IN)	MANUFACTURER	MODEL	
CU-1	All FCU's	ROOF	R410A	22.0	95.0	264.0	297.0	PROP	4	17500	2	SCROLL	460	3	60	33.9	49.0	65.0	7' - 0 3/4"	2' - 6 3/16"	5' - 6 11/16"	1700	SPRING ISOLATOR	2"	DAIKIN	REYQ264XAYDA	1-7

1. CONTRACTOR TO REFER TO MANUFACTURER'S RECOMMENDATIONS FOR REQUIRED AIRFLOW AND SERVICE CLEARANCES FOR PROPER INSTALLATION OF THE CONDENSING UNIT.
2. PROVIDE UNIT WITH CONNECTION TO BMS.
3. PROVIDE UNIT WITH MANUFACTURER APPLIED 2,500 HR SALT SPRAY.
4. PROVIDE UNIT WITH MANUFACTURER HERESTITE/PHENOLIC COATING. TOTAL COOLING CAPACITY MUST ACCOUNT FOR ANY DE-RATE FROM HERESTITE/PHENOLIC COATING.
5. MOUNT CONDENSING UNIT TO 4" HIGH CONCRETE HOUSEKEEPING PAD. PROVIDE UNIT WITH MANUFACTURER'S MOUNTING STAND AND NEOPRENE ISOLATION PADS.
6. REFER TO MANUFACTURER'S PIPING DIAGRAM FOR REQUIRED PIPE SIZING.
7. PROVIDE UNIT WITH (3) BRANCH SELECTOR BOXES PER MANUFACTURER'S REQUIREMENTS. BRANCH SELECTORS SHALL MEET ALL MANUFACTURER'S REQUIREMENTS. PROVIDE INDIIVDUAL ISOLATION VALVES FOR EACH REFRIGERANT LINE TO ENSURE OPERATION WITHOUT SHUTDOWN OF THE ENTIRE SYSTEM.

SPLIT SYSTEM FAN COIL SCHEDULE

MARK	SERVICE	LOCATION	REFRIGERANT	FAN DATA		COOLING PERFORMANCE						PIPE CONNECTIONS			FILTER	ELECTRICAL DATA	OPERATING WEIGHT (LB)	BASIS OF DESIGN		NOTES
				AIR FLOW (CFM)	ESP (IN WC)	NET TOTAL CAPACITY (MBH)	NET SENSIBLE CAPACITY (MBH)	EDBT (°F)	EWBT (°F)	LDBT (°F)	LWBT (°F)	LIQUID	GAS	DRAIN	TYPE	V/PH/HZ		MANUFACTURER	MODEL	
SSFC-1	MACHINE ROOM	MACHINE ROOM	R410A	579	0.75	22.0	16.2	80.0	67.0	55.0	54.0	1/4"	5/8"	5/8"	WASHABLE	POWERED BY OUTDOOR UNIT	27	DAIKIN	FTKN24NMVJU	1-4
SSFC-2	TELECOM ROOM	TELECOM ROOM	R410A	579	0.75	22.0	16.2	80.0	67.0	55.0	54.0	1/4"	5/8"	5/8"	WASHABLE	POWERED BY OUTDOOR UNIT	27	DAIKIN	FTKN24NMVJU	1-4
SSFC-3	ELECTRICAL ROOM	ELECTRICAL ROOM	R410A	579	0.75	22.0	16.2	80.0	67.0	55.0	54.0	1/4"	5/8"	5/8"	WASHABLE	POWERED BY OUTDOOR UNIT	27	DAIKIN	FTKN24NMVJU	1-4
SSFC-4	TELECOM ROOM	TELECOM ROOM	R410A	579	0.75	22.0	16.2	80.0	67.0	55.0	54.0	1/4"	5/8"	5/8"	WASHABLE	POWERED BY OUTDOOR UNIT	27	DAIKIN	FTKN24NMVJU	1-4

1. PROVIDE WITH CONDENSATE PUMP, CHECK VALVE, OVERFLOW SAFETY SWITCH. CONDENSATE PUMP SHALL BE POWERED THROUGH UNIT.
2. PROVIDE WITH STAINLESS STEEL SECONDARY DRAIN PAN WITH LEAK DETECTOR. UPON DETECTION OF WATER IN THE SECONDARY DRAIN PAN, THE UNIT SHALL SHUT OFF. THE LEAK DETECTOR SHALL INITIATE AN AUDIBLE & BMS ALARM.
3. PROVIDE BACNET MSTP NETWORK CARD TO CONNECT TO BMS.
4. PROVIDE UNIT WITH 7-DAY PROGRAMMABLE THERMOSTAT.

SPLIT SYSTEM CONDENSING UNIT SCHEDULE

MARK	SERVICE	LOCATION	REFRIGERANT	NOMINAL CAPACITY (TONS)	AMBIENT AIR TEMP (°F)	TOTAL COOLING (MBH)	CONDENSER FAN (S)	COMPRESSOR		ELECTRICAL DATA						PHYSICAL DATA				BASIS OF DESIGN		NOTES
							TYPE	QTY	TYPE	V	PH	FREQ (HZ)	FLA	MCA	MOCP	LENGTH	WIDTH	HEIGHT	OPERATING WEIGHT (LB)	MANUFACTURER	MODEL	
SSCU-1	SSFC-1	ROOF	R410A	2.0	95.0	24.0	PROPELLER	1	ROTARY SWING	208	1	60	12.8	18.3	20.0	1' - 0 5/8"	2' - 10 1/4"	2' - 4 15/16"	97	DAIKIN	RKN24NMVJU	1-6
SSCU-2	SSFC-3	ROOF	R410A	2.0	95.0	24.0	PROPELLER	1	ROTARY SWING	208	1	60	12.8	18.3	20.0	1' - 0 5/8"	2' - 10 1/4"	2' - 4 15/16"	97	DAIKIN	RKN24NMVJU	1-6
SSCU-3	SSFC-3	ROOF	R410A	2.0	95.0	24.0	PROPELLER	1	ROTARY SWING	208	1	60	12.8	18.3	20.0	1' - 0 5/8"	2' - 10 1/4"	2' - 4 15/16"	97	DAIKIN	RKN24NMVJU	1-6
SSCU-4	SSFC-2	ROOF	R410A	2.0	95.0	24.0	PROPELLER	1	ROTARY SWING	208	1	60	12.8	18.3	20.0	1' - 0 5/8"	2' - 10 1/4"	2' - 4 15/16"	97	DAIKIN	RKN24NMVJU	1-6

1. CONTRACTOR TO REFER TO MANUFACTURER'S RECOMMENDATIONS FOR REQUIRED AIRFLOW AND SERVICE CLEARANCES FOR PROPER INSTALLATION OF THE CONDENSING UNIT.
2. PROVIDE UNIT WITH CONNECTION TO BMS.
3. PROVIDE UNIT WITH MANUFACTURER APPLIED 2,500 HR SALT SPRAY.
4. PROVIDE UNIT WITH MANUFACTURER HERESTITE/PHENOLIC COATING. TOTAL COOLING CAPACITY MUST ACCOUNT FOR ANY DE-RATE FROM HERESTITE/PHENOLIC COATING.
5. MOUNT CONDENSING UNIT TO 4" HIGH CONCRETE HOUSEKEEPING PAD. PROVIDE UNIT WITH MANUFACTURER'S MOUNTING STAND AND NEOPRENE ISOLATION PADS.
6. REFER TO MANUFACTURER'S PIPING DIAGRAM FOR REQUIRED PIPE SIZING.

Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:13 PM



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: M0.01

SHEET 176 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL SCHEDULES (#1 OF 2)

100% CONSTRUCTION DOCUMENTS - 08/25/2023

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PACKAGED ROOFTOP HEAT PUMP

MARK	SERVICE	LOCATION	REFRIGERANT	DCV OA (CFM)	DESIGN OA (CFM)	EVAPORATOR FAN				DX COIL								CONDENSER FAN (S)					COMPRESSOR		FILTER	ELECTRICAL DATA						OPERATING WEIGHT (LB)	VIBRATION ISOLATION		BASIS OF DESIGN		NOTES
						CFM	ESP (IN WC)	MOTOR BHP	MOTOR RPM	NET TOTAL CAPACITY (MBH)	NET SENSIBLE CAPACITY (BTU/HR)	AIR SIDE DATA EDBT (°F)	EWBT (°F)	LDBT (°F)	LWBT (°F)	MAX FACE VELOCITY (FPM)	MIN ROWS	QTY	CFM TOTAL	ESP (IN WC)	MOTOR HP	MOTOR RPM	QTY	TOTAL KW/HP	TYPE	V	PH	FREQ (HZ)	FLA	MCA	MOCP		SPECIFICATION MOUNTING TYPE	MIN STATIC DEFLECTION (IN)	MANUFACTURER	MODEL	
RTU-1	EVENT CENTER	ROOF	R410A	360	2080	3020	1.25	2.1	1806	132.6	105.2	85.5	67.8	55.0	53.5	182	4	1	4000	1.70	2.1	1806	2	8.5	MERV-13	460	3	60	22.4	28.0	30.0	1700	SPRING ISOLATOR	2	CARRIER	50FCQM12A2P6-0A0A0	1-15
RTU-2	EVENT CENTER	ROOF	R410A	360	2080	3020	1.25	2.1	1806	133.3	104.6	85.8	67.4	55.0	53.4	182	4	1	4000	1.70	2.1	1806	2	8.5	MERV-13	460	3	60	22.4	28.0	30.0	1700	SPRING ISOLATOR	2	CARRIER	50FCQM12A2P6-0A0A0	1-15

1. PROVIDE 1" ACOUSTICAL DUCT LINING FOR FIRST 20 FEET OF SUPPLY DUCT FROM ALL RTU UNITS
2. PROVIDE DIFFERENTIAL TEMPERATURE ECONOMIZER MEETING CALIFORNIA TITLE 24 FAULT DETECTION AND DIAGNOSTICS AND LEAK RATES.
3. PROVIDE UNIT WITH FULLY MODULATING VARIABLE SPEED SUPPLY FAN.
4. PROVIDE WITH FULLY MODULATING VARIABLE SPEED COMPRESSOR.
5. PROVIDE MANUFACTURER 14" VIBRATION ISOLATION CURB.
6. PROVIDE STAINLESS STEEL DRAIN PAN.
7. PROVIDE MANUFACTURER APPLIED PROTECTIVE COATINGS ON EVAPORATOR AND CONDENSER COILS.
8. PROVIDE FULLY MODULATING CENTRIFUGAL POWER EXHAUST. STATIC PRESSURE SENSOR TO CONTROL EXHAUST FAN SHALL BE LOCATED IN THE CEILING PLENUM..
9. PROVIDE WITH PROGRAMMABLE T-STAT.
10. PROVIDE UNIT WITH CO2 SENSOR & DEMAND CONTROL VENTILATION CONTROLS.
11. PROVIDE UNIT WITH VENTILATION OCCUPANT SENSOR CONTROLS.
12. PROVIDE SMOKE DUCT DETECTOR ON SUPPLY & RETURN IN A WEATHER PROOF ENCLOSURE. UNIT SHALL SHUT DOWN UPON DETECTION OF SMOKE. PROVIDE INTEGRATION WITH FIRE LIFE SAFETY SYSTEMS.
13. PROVIDE INTEGRATION TO BUILDING BMS.
14. PROVIDE UNIT WITH SIDE OA AND EA DISCHARGE.
15. PROVIDE SEPARATE ELECTRICAL CONNECTION FOR POWER EXHAUST.

LINEAR DIFFUSER SCHEDULE

MARK	STYLE	DESIGN RANGE MIN CFM	DESIGN RANGE MAX CFM	SIZE NO OF SLOTS	SIZE SLOT WIDTH	LENGTH	NECK SIZE (IN)	MAX SP (IN WC)	MAX NC	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	NOTES
LD-1	LINEAR SUPPLY	5	165	1	1 1/2"	4' - 0"	6	0.10	30	TITUS	FL-15	1-5
LD-2	LINEAR SUPPLY	5	240	1	1 1/2"	4' - 0"	8	0.10	30	TITUS	FL-15	1-5
LD-3	LINEAR SUPPLY	5	440	2	1 1/2"	4' - 0"	8	0.10	30	TITUS	FL-15	1-5
LE-1	LINEAR EXHAUST	5	120	1	1 1/2"	3' - 0"	6	0.10	30	TITUS	FL-15	1-5
LE-2	LINEAR EXHAUST	5	165	1	1 1/2"	4' - 0"	6	0.10	30	TITUS	FL-15	1-5
LR-1	LINEAR RETURN	5	220	1	1 1/2"	4' - 0"	8	0.10	30	TITUS	FL-15	1-5
LR-2	LINEAR SUPPLY	5	440	2	1 1/2"	4' - 0"	10	0.10	30	TITUS	FL-15	1-5

1. COORDINATE FRAME STYLE WITH CEILING FRAMING.
2. OBTAIN ARCHITECT'S APPROVAL ON FINISH.
3. PROVIDE REMOTE OPERATED YOUNG REGULATOR DAMPER FOR ANY DAMPERS LOCATED ABOVE HARD LID CEILING. REMOTE OPERATED DAMPER SHALL BE ACCESSIBLE THORUGH THE FACE OF THE DIFFUSER, GRILLE OR LINEAR WITHOUT THE NEED FOR AN ACCESS PANEL IN HARD LID CEILINGS.
4. SEE SPECIFICATIONS FOR OTHER LISTED MANUFACTURERS. MANUFACTURERS MUST MEET MINIMUM/MAXIMUM SPECIFIED CFMs, THROW, NC, AND PRESSURE DROP.
5. ALL PLENUMS AT LINEAR SUPPLY AND RETURNS SHALL HAVE 1/2" ACOUSTIC LINING FROM THE MANUFACTURER.

DIFFUSERS, REGISTERS, AND GRILLES SCHEDULE

MARK	STYLE	MIN CFM	MAX CFM	NECK SIZE (IN)	MAX SP (IN WC)	MAX NC	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	NOTES
CD-1	CEILING DIFFUSER	5	135	6ø	0.10	30	TITUS	PCS	1-5
CD-2	CEILING DIFFUSER	5	250	8ø	0.10	30	TITUS	PCS	1-5
CR-1	CEILING RETURN	5	200	8ø	0.10	30	TITUS	PDR	1-5
EG-1	CEILING EXHAUST GRILLE	5	400	6x6	0.10	30	TITUS	PDR	1-5
EG-2	CEILING EXHAUST GRILLE	5	550	12ø	0.10	30	TITUS	PDR	1-5
SG-1	SPIRAL DUCT MOUNTED GRILLE	5	230	12x6	0.10	30	TITUS	S300FL	<varies>
TG-A	TRANSFER GRILLE	5	2000	24x24	0.10	30	TITUS	PDDR	1-5
WG-1	WALL GRILLE	5	950	28x14	0.10	30	TITUS	23RL	1-5

1. COORDINATE FRAME STYLE WITH CEILING FRAMING.
2. OBTAIN ARCHITECT'S APPROVAL ON FINISH.
3. PROVIDE YOUNG REGULATOR DAMPER FOR ANY DAMPERS LOCATED ABOVE HARD LID CEILING.
4. SEE SPECIFICATIONS FOR OTHER LISTED MANUFACTURERS. MANUFACTURERS MUST MEET MINIMUM/MAXIMUM SPECIFIED CFMs, THROW, NC, AND PRESSURE DROP.
5. ALL DUCT MOUNTED DIFFUSERS SHALL HAVE 45° DEFLECTION. PROVIDE WITH AIR SCOOP DEVICE.

VARIABLE REFRIGERANT FLOW (VRF) BRANCH SELECTOR UNIT SCHEDULE

MARK	LOCATION	SYSTEM SERVED	# OF BRANCHES	ELECTRICAL DATA V/PH/HZ	ELECTRICAL DATA MCA	ELECTRICAL DATA MOCP	UNIT DIMENSIONS W x D x H (IN. x IN. x IN.)	WEIGHT	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	NOTES
BS-1-1	SEE PLANS	FCU-1-1, FCU-1-4	4	208-230/1/60	0.4	15	23-3/4 x 13/3/4 x 9-1/2	73	DAIKIN	BSF4Q54TVJ	
BS-1-2	SEE PLANS	FCU-1-2, FCU-1-5, FCU-1-6, FCU-1-7	4	208-230/1/60	0.4	15	23-3/4 x 13/3/4 x 9-1/2	73	DAIKIN	BSF4Q54TVJ	
BS-1-3	SEE PLANS	FCU-1-3 FCU-2-1, FCU-2-2, FCU-2-3	4	208-230/1/60	0.4	15	23-3/4 x 13/3/4 x 9-1/2	73	DAIKIN	BSF4Q54TVJ	

HVAC FAN SCHEDULE

MARK	LOCATION	SERVICE	PERFORMANCE DATA CFM	SP (IN WC)	OUTLET VELOCITY (FPM)	BHP	RPM	CONSTRUCTION DATA TYPE	DRIVE	MOTOR DATA HP	V	PH	FREQ (HZ)	FLA	PHYSICAL DATA LENGTH	WIDTH	HEIGHT	OPERATING WEIGHT (LBS)	BASIS OF DESIGN MANUFACTURER	MODEL	NOTES
EF-1	ROOF	KITCHEN	800	1.50	606.00	0.40	1735	CENTRIFUGAL	DIRECT	0.75	115	1	60	10	28"	28"	36"	58	GREENHECK	G-140HP-VG	1-5
EF-2	ROOF	JANITOR CLOSET	125	0.75	130.00	0.06	1377	CENTRIFUGAL	DIRECT	0.5	115	1	60	3.8	24"	24"	36"	38	GREENHECK	G-097-VG	1-5
EF-3	ROOF	RESTROOMS	910	1.25	689.00	0.38	1709	CENTRIFUGAL	DIRECT	0.5	115	1	60	6.6	28"	28"	36"	54	GREENHECK	G-140HP-VG	1-5

1. PROVIDE UNIT ROOF CURB
2. PROVIDE WITH INTEGRATION TO BMS
3. PROVIDE UNIT WITH COMBINATION STARTER-DISCONNECT.
4. PROVIDE UNIT WITH EC MOTOR.
5. PROVIDE 1" ACOUSTICAL LINING FOR FIRST 20 FEET OF EXHAUST DUCT.

ENERGY RECOVERY VENTILATOR SCHEDULE

MARK	UNITS SERVED	LOCATION	TYPE	NO. OF FAN	ESP (IN WC)	TSP (IN WC)	FAN TYPE	OUTDOOR AIR CFM	OUTDOOR AIR FILTER	EXHAUST AIR CFM	EXHAUST AIR FILTER	FILTER PRESSURE DROP	ELECTRICAL DATA V	PH	FREQ (HZ)	FLA	MCA	MOCP	PHYSICAL DATA LENGTH	WIDTH	HEIGHT	OPERATING WEIGHT (LBS)	VIBRATION ISOLATION SPECIFICATION MOUNTING TYPE	MIN. STATIC DEFLECTION (IN)	BASIS OF DESIGN MANUFACTURER	MODEL	NOTES
ERV-1	FCU 1-1,1-3 1-4,2-1,2-2,2-3	ROOF	PLATE	2	1.75	3.03	DIRECT	2800	MERV 13	2800	MERV 8	0.26	460	3	60	8.8	11	15.0	8' - 0"	5' - 1 1/4"	3' - 9"	1000	SPRING ISOLATOR	1	GREENHECK	ECV-30-P-H	1-9
ERV-2	FCU 1-2,1-5,1-6,1-7	ROOF	PLATE	1	1.50	2.42	DIRECT	1470	MERV 13	1470	MERV 8	0.16	460	3	60	3.8	4.7	15.0	8' - 0 1/4"	3' - 8 3/4"	3' - 9"	1000	SPRING ISOLATOR	1	GREENHECK	ECV-20-P-H	1-9

1. UNIT SHALL HAVE A FLAT PLATE HEAT EXCHANGER CAPABLE OF MEETING THE FOLLOWING SUMMER CONDITIONS: OA 87/68. RA 75/62, OSA 79/68.
2. UNIT SHALL HAVE A FLAT PLATE HEAT EXCHANGER CAPABLE OF MEETING THE FOLLOWING WITNER CONDITIONS: OA 44/35, RA 70/51.5, OSA 63, 35.
3. BOTH THE OUTSIDE AIR FAN & EXHAUST AIR FAN SHALL EACH BE EQUPPED WITH A MODULATING EC MOTOR OR A VFD.
4. PROVIDE UNIT WITH MANUFACTURER'S VIBRATION ISOLATION CURB.
5. PROVIDE 1" ACOUSTICAL DUCT LINING FOR FIRST 20 FEET OF SUPPLY AND RETURN DUCT FROM ERV UNIT
6. PROVIDE FLEX CONNECTORS ON INLET & OUTLET OF UNIT.
7. PROVIDE SMOKE DUCT DETECTOR ON SUPPLY IN A WEATHER PROOF ENCLOSURE. UNIT SHALL SHUT DOWN UPON DETECTION OF SMOKE. PROVIDE INTEGRATION WITH FIRE LIFE SAFETY SYSTEMS.
8. PROVIDE UNIT WITH THE FOLLOWING CONTROL OPTIONS; TERMINAL STRIP, SENSORS, ON/OFF, SENSOR MONITORING PACKAGE, SUPPLY FAN CONTROL, EXHAUST FAN CONTROL, AND NETWORK PROTOCOL.
9. PROVIDE UNIT WITH THE FOLLOWING CONTROL ACCESSORIES; DIRTY FILTER SENSORS AND AIRFLOW MONITORING.

VAV SCHEDULE

MARK	AIR FLOW (CFM) MAX AIR FLOW	AIR FLOW (CFM) UNOCCUPIED MIN AIR FLOW (30% DAMPER)	SERVED BY	GENERAL MIN. INLET STATIC PRESSURE (IN. WC)	GENERAL BOX SELECTION OVERALL CFM RANGE	GENERAL INLET CONN. SIZE (IN)	SOUND LEVEL DATA NOISE CRITERIA	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	NOTES
VAV-1-1	620	185	ERV-1	0.5	600-1000	10"	30	TITUS	DESV	1-7
VAV-1-2	260	80	ERV-2	0.5	0-350	6"	30	TITUS	DESV	1-7
VAV-1-3	230	70	ERV-1	0.5	0-350	6"	30	TITUS	DESV	1-7
VAV-1-4	160	50	ERV-1	0.5	0-350	6"	30	TITUS	DESV	1-7
VAV-1-5	140	45	ERV-2	0.5	0-350	6"	30	TITUS	DESV	1-7
VAV-1-6	350	105	ERV-1	0.5	0-350	6"	30	TITUS	DESV	1-7
VAV-1-7	350	105	ERV-2	0.5	0-350	6"	30	TITUS	DESV	1-7
VAV-2-1	610	185	ERV-1	0.5	600-1000	10"	30	TITUS	DESV	1-7
VAV-2-2	640	195	ERV-1	0.5	600-1000	10"	30	TITUS	DESV	1-7
VAV-2-3	205	65	ERV-1	0.5	0-350	6"	30	TITUS	DESV	1-7

1. TERMINAL UNITS SHALL BE SUPPLIED WITH A 24V TRANSFORMER WITH EACH BOX. CONTROLS FURNISHED BY BMS CONTRACTOR & FACTORY INSTALLED BY VAV MANUFACTURER.
2. MINIMUM DAMPER POSITION SETTING 30%.
3. THE MINIMUM INLET DUCT SIZE INDICATED SHALL BE BROUGHT TO WITHIN THE LENGTH OF 3 DIAMETERS OF THE BOX'S INLET CONNECTION SIZE.
4. PROVIDE FACTORY LINE VOLTAGE ON/OFF SWITCH WITH EACH BOX.
5. PROVIDE FACTORY AIR FLOW PICK UP TUBES INSTALLED W/ EACH BOX. MULTIPOINT CENTER AVERAGING INLET VELOCITY SENSOR TYPE.
6. THE CASING SHALL BE INTERNALLY LINED WITH 3/4" MATTE-FACED INSULATION (ECOSHIELD).
7. LEFT-HAND OR RIGHT-HAND CONTROL PANEL LOCATION TO BE COORDINATED BY THE CONTRACTOR.

BRANCH DUCT SCHEDULE

CFM RANGE	RECTANGULAR DUCT SIZE	ROUND DUCT SIZE
UP TO 100	10"x4"	6"ø
101 - 200	12"x6"	8"ø
201 - 350	14"x6"	10"ø
351 - 600	18"x6", 12"x8"	12"ø
601 - 900	26"x6", 14"x8"	14"ø
901 - 1300	20"x8"	16"ø
1301 - 1800	24"x8"	18"ø

NOTES:
1. THIS SCHEDULE APPLIES TO BRANCH DUCT TO INDIVIDUAL DIFFUSERS THAT ARE NOT SIZED ON PLANS.
2. APPLICABLE FOR LOW PRESSURE DUCT WORK ONLY (<2"W G).
3. ALL DUCT DIMENSIONS ARE INTERNAL AND SIZED FOR FREE AREA. INTERNALLY LINED DUCTWORK MUST BE SIZED TO ACCOUNT FOR LINING.
4. ALL SUPPLY AND OUTSIDE AIR DUCT LOCATED IN EXPOSED CEILINGS SHALL BE PROVIDED WITH 1" INTERNAL LINING. ALL DUCTS LOCATED IN EXPOSED CEILINGS SHALL BE PAINTABLE.
5. ALL DUCT IN OPEN CEILINGS SHALL BE ROUND, UNLESS OTHERWISE NOTED ON THE PLANS. IF RECTANGULAR DUCTWORK IS REQUIRED TO BE INSTALLED IN AN OPEN CEILING AREA, THIS SHOULD BE CLEARLY DENOTED IN THE MECHANICAL SHEET METAL SHOP DRAWINGS AND THE COORDINATED SHOP DRAWINGS.

Santee
SO PROUD • SO FREE
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:14 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 12" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: M0.02
SHEET 177 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL SCHEDULES (#2 OF 2)
100% CONSTRUCTION DOCUMENTS - 08/25/2023

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 1 of 27)

Project Name: — **Santee Community Center** — **Date Prepared:** — **2023-04-13**

A. General Information

1	Project Name	Santee Community Center			
2	Run Title	Title 24 Analysis			
3	Project Location	Riverwalk Dr			
4	City	Santee	5	Standards Version	Compliance 2022
6	Zip code	92071	7	Compliance Software (version)	EnergyPro 9.1
8	Climate Zone	10	9	Building Orientation (deg)	0
10	Building Type(s)	• Nonresidential	11	Weather File	RAMONA_STYP20.epw
12	Project Scope	• New complete scope	13	Number of Dwelling Units	0
14	Total Conditioned Floor Area in Scope (ft^2)	11978	15	Total # of hotel/motel rooms	0
16	Total Unconditioned Floor Area (ft^2)	0	17	Fuel Type	Natural gas
18	Nonresidential Conditioned Floor Area	11978	19	Total # of Stories (Habitable Above Grade)	1
20	Residential Conditioned Floor Area	0			

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 2 of 27)

B. PROJECT SUMMARY

Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.

Building Components Complying via Performance					Building Components Complying Prescriptively	
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	☐ Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).	
	MultiFam	Not Included		☒ Not Included		
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	☐ Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required
	MultiFam	Not Included		☒ Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTO-E is required
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)	☐ Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required
	MultiFam	Not Included		☒ Not Included	**Building Components Complying with Mandatory Measures**	
Lighting (Indoor Conditioned, see Table K)	Nonres	Performance	Photovoltaics (see Table F)	☒ Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)	
	MultiFam	Not Included		☐ Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required
			Battery (see Table F)	☐ Performance	Commissioning 120.8	NRCC-CXR-E is required
				☒ Not Included	Solar and Battery 110.10	NRCC-SAB-E is required

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 3 of 27)

C1. COMPLIANCE SUMMARY

COMPLIES[1]

	Time Dependent Valuation (TDV)		Source Energy Use
	Efficiency[2] (kBtu/ft² - yr)	**Total[2] (kBtu/ft² - yr)**	**Total[2] (kBtu/ft² - yr)**
Standard Design	267.12	267.12	21.71
Proposed Design	216.41	216.41	15.95
Compliance Margins	**50.71**	**50.71**	**5.76**
	Pass	**Pass**	**Pass**

[1] Efficiency measures include improvements like a better building envelope and more efficient equipment
[2] Compliance Totals include efficiency, photovoltaics and batteries
[3] Building complies when efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 4 of 27)

C2. TDV ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft² - yr)

COMPLIES[2]

Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Space Heating	7.49	11.84	-4.35
Space Cooling	86.51	95.79	-9.28
Indoor Fans	105.53	67.22	38.31
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	3.46	3.46	0
Indoor Lighting	64.13	38.1	26.03
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**267.12**	**216.41**	**50.71 (19%)**
Photovoltaics	---	---	---
Batteries	---	---	---
TOTAL COMPLIANCE	**267.12**	**216.41**	**50.71 (19%)**

[1] Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 5 of 27)

C3. TDV ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Receptacle	99.88	99.88	---
Process	14.06	14.06	---
Other Ltg	---	---	---
Process Motors	---	---	---
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**381.06**	**330.35**	**50.71 (13.3%)**

[1] Notes: This table is not used for Energy Code Compliance.

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 6 of 27)

C4. SOURCE ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual SOURCE Energy Use, kBtu/ft² /yr)

COMPLIES[2]

Energy Component	Standard Design (SOURCE)	Proposed Design (SOURCE)	Compliance Margin (SOURCE)[1]
Space Heating	2.47	1.77	0.7
Space Cooling	4.07	4.6	-0.53
Indoor Fans	9.17	5.88	3.29
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	0.32	0.32	0
Indoor Lighting	5.68	3.38	2.3
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**21.71**	**15.95**	**5.76 (26.5%)**
Photovoltaics	---	---	---
Batteries	---	---	---
TOTAL COMPLIANCE	**21.71**	**15.95**	**5.76 (26.5%)**

[1] Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 7 of 27)

C5. SOURCE ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (SOURCE)	Proposed Design (SOURCE)	Compliance Margin (SOURCE)[1]
Receptacle	8.8	8.8	---
Process	1.55	1.55	---
Other Ltg	---	---	---
Process Motors	---	---	---
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**32.06**	**26.3**	**5.76 (18%)**

[1] Notes: This table is not used for Energy Code Compliance.

C6. 'ABOVE CODE' QUALIFICATIONS

☐ This project is pursuing CalGreen Tier 1 ☐ This project is pursuing CalGreen Tier 2

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 8 of 27)

C7. ENERGY USE SUMMARY

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	---	4.9	---	32.2	---	---
Space Cooling	30.4	33.9	-3.5	---	---	---
Indoor Fans	43.5	28.3	15.2	---	---	---
Heat Rejection	---	---	---	---	---	---
Pumps & Misc.	---	---	---	---	---	---
Domestic Hot Water	1.6	1.6	0	0.2	0.2	0
Indoor Lighting	27.2	16.2	11	---	---	---
Flexibility	---	---	---	---	---	---
EFFICIENCY TOTAL	**102.7**	**84.9**	**17.8**	**32.4**	**0.2**	**32.2**
Photovoltaics	---	---	---	---	---	---
Batteries	---	---	---	---	---	---
ENERGY USE SUBTOTAL	**102.7**	**84.9**	**17.8**	**32.4**	**0.2**	**32.2**
Receptacle	42.3	42.3	0	---	---	---
Process	6	6	0	---	---	---
Other Ltg	---	---	---	---	---	---
Process Motors	---	---	---	---	---	---
ENERGY USE TOTAL	**151**	**133.2**	**17.8**	**32.4**	**0.2**	**32.2**

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 9 of 27)

C8. ENERGY USE INTENSITY (EUI)

	Standard Design (kBtu/ft² / yr)	Proposed Design (kBtu/ft² / yr)	Margin (kBtu/ft² / yr)	Margin Percentage
GROSS EUI[1]	45.72	37.96	7.76	16.97
NET EUI[1]	45.72	37.96	7.76	16.97

[1] Notes: Gross EUI is Energy Use Total (not including PV)/Total Building Area. Net EUI is Energy Use Total (including PV)/Total Building Area.

D1. EXCEPTIONAL CONDITIONS

• The project uses the Simplified Geometry Performance Modeling Approach which is not capable of modeling daylighting controls and assumes the prescriptive Secondary Daylit Control requirements are met. PRESCRIPTIVE COMPLIANCE documentation (form NRCC-LTI-02-E) for the requirements of section 140.6(d) Automatic Daylighting Controls in Secondary Daylit Zones is required.
• The building does not include service water heating. Verify that service water heating is not required and is not included in the design.
• The user model includes space(s) that are designed to be served by mechanical cooling systems, but the cooling systems were not included in the simulation model. A cooling system has been modeled for both the proposed and standard cases.
• The user model includes space(s) without sufficient cooling equipment. Cooling equipment has been added to the model to meet cooling loads.
• PV/Battery Building Type has been modified from software defaults for one or more spaces. Review project's PV/Battery Building Type(s) with documentation author. Refer to Energy Code section 140.10 for Nonresidential or 170.2(g) for more information.

F1. REQUIRED PV SYSTEMS

01	02	03	04	05	06	07	08	09	10	11	12
DC System Size (kWdc)	**Exception[1]**	**Module Type**	**Array Type**	**Power Electronics**	**CFI**	**Azimuth (deg)**	**Tilt Input**	**Array Angle (deg)**	**Tilt: (x in 12)**	**Inverter Eff. (%)**	**Annual Solar Access (%)**

[1] See Table D1 for any PV exceptions used.

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 10 of 27)

F1B. PV BATTERY BUILDING TYPE(S)

01	02	03
Building Occupancy Type* (From Table 140.10-A/B and 170.2-U/V)	**Conditioned Floor Area (ft^2)**	**Unconditioned Floor Area (ft^2)**
Grocery	0	0
High-Rise Multifamily	0	0
Office, Financial Institutions, Unleased Tenant Space	0	0
Retail	0	0
School	0	0
Warehouse	0	0
Auditorium, Convention Center, Hotel/Motel, Library, Medical Office Building/Clinic, Restaurant, Theater	0	0
None	11978	0

** Building Occupancy Types are defined in Section 100.1 of the Energy Code*

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	**Total Gross Surface Area (ft^2)**	**Total Fenestration Area (ft^2)**	**Window to Wall Ratio (%)**
North-Facing[1]	3570	642	17.98
East-Facing[2]	1767	174	9.85
South-Facing[3]	4704	1478	31.42
West-Facing[4]	2569	216	8.41
Total	**12610**	**2510**	**19.9**
Roof	1920	0	0

Notes
[1] North-Facing is oriented to within 45 degrees of true north, including 45 00'00" east of north (NE), but excluding 45 00'00" west of north (NW),
[2] East-Facing is oriented to within 45 degrees of true east, including 45 00'00" south of east (SE), but excluding 45 00'00" north of east (NE),
[3] South-Facing is oriented to within 45 degrees of true south, including 45 00'00" west of south (SW), but excluding 45 00'00" east of south (SE),
[4] West-Facing is oriented to within 45 degrees of true west, including 45 00'00" north of west (NW), but excluding 45 00'00" south of west (SW),

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 11 of 27)

G4. NONRESIDENTIAL AIR BARRIER

01	02
Building Story Name	**Air Barrier**
Com-Floor 1	No air barrier

Santee — GO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # BCNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A RAFTELIS COMPANY

Approved
08/01/2025 3:22:14 PM

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD — NRCC-PRF-E

Nonresidential Performance Compliance Method — (Page 12 of 27)

G5. OPAQUE SURFACE ASSEMBLY SUMMARY

01	02	03	04	05	06		07	08	09	10
Surface Name	**Construction Type**	**Area (ft^2)**	**Framing Type**	**Cavity R-Value**	**Continuous R-Value**		**Units**	**Value**	**Description of Assembly Layers**	**Status[1]**
					Interior	**Exterior**				
Slab-on-Grade9	Underground Floor	10,058	N/A	0	N/A	N/A	F-factor	0.73	Slab Type =Unheated slab on grade Insulation Orientation =None Insulation R-Value =none	N
Wood Framed R-1911	Exterior Wall	10,566	Wood	19	N/A	N/A	U-factor	0.0741	Stucco - 3/8 in. Plywood - 5/8 in. Composite-1 Gypsum Board - 5/8 in. Gypsum Board - 5/8 in.	N
Steel Framed R-1921	Exterior Wall	2,044	Metal	19	N/A	N/A	U-factor	0.1481	Stucco - 3/8 in. Plywood - 5/8 in. Composite-2 Gypsum Board - 5/8 in. Gypsum Board - 5/8 in.	N
Interior Wall32	Interior Wall	2,496	Wood	13	N/A	N/A	U-factor	0.0952	Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Composite-3 Gypsum Board - 1/2 in.	N
Wood Framed Roof68	Roof	1,920	Wood	30	N/A	N/A	U-factor	0.0396	Plywood - 1/2 in. Air - Cavity - Wall Roof Ceiling - 4 in. or more Composite-4 Gypsum Board - 1/2 in.	N
Interior Floor70	Interior Floor	1,920	Wood	11	N/A	N/A	U-factor	0.0679	Composite-5 Plywood - 1/2 in. Carpet - 3/4 in.	N

[1] Status: N - New, A - Altered, E - Existing

LICENSED PROFESSIONAL ENGINEER — RAJI KHOURI — M 39083 — EXP. 09/30/26 — MECHANICAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	JS	RE

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. ____ DATE ____ EXPIRES ____

REVIEWED 08/26/2025
BY ____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. — CIP 2018-31

DRAWING NO. — M0.03
SHEET 178 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL TITLE 24 (#1 OF 3)

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Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-M-Santee Community Center-R20.rvt

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G7A. FENESTRATION ASSEMBLY SUMMARY (NONRESIDENTIAL)

01	02	03	04	05	06	07	08	09
Fenestration Assembly Name	Fenestration Type/ Product Type / Frame Type	Certification Method[1]	Assembly Method	Area (ft^2)	Overall U-factor	Overall SHGC	Overall VT	Status[2]
GL-2	Vertical fenestration Curtain wall N/A	NFRC	Site built	1,744	0.29	0.28	0.6	N
GL-1	Vertical fenestration Curtain wall N/A	NFRC	Site built	766	0.29	0.35	0.6	N

[1] *Notes: Newly installed fenestration shall have a certified NFRC Label Certificate or use the CEC default tables found in Table 110.6-A and Table 110.6-B. Center of Glass (COG) values are for the glass-only, determined by the manufacturer, and are shown for ease of verification. Site-built fenestration values are calculated per Nonresidential Appendix NA6 and are used in the analysis.*
[2] *Status: N - New, A - Altered, E - Existing*

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)

01	02	03	04	05	06	07	08	09	10	11	12
			Heating				Cooling				
Equipment Name	Equipment Type	Qty	Total Heating Output (kBtu/h)	Supp Heat Output (kBtu/h)	Efficiency Unit	Efficiency	Total Cooling Output (kBtu/h)	Efficiency Unit	Efficiency	Economizer Type (if present)	Status[1]
RTU-1	Package SZ VAV AC Air System	1	0	0	N/A	NA	132.6	EER	12.4	Differential DB	N
RTU-2	Package SZ VAV AC Air System	1	0	0	N/A	NA	132.6	EER	12.4	Differential DB	N
SSCU/SSFC-1 Machine Room	Single Zone Air Conditioner (SZAC) Air System	1	0	0	N/A	NA	24	EER SEER	9.2 15	No Economizer	N

[1] *Status: N - New, A - Altered, E - Existing*

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)

01	02	03	04	05	06	07	08	09	10	11	12
			Heating				Cooling				
Equipment Name	Equipment Type	Qty	Total Heating Output (kBtu/h)	Supp Heat Output (kBtu/h)	Efficiency Unit	Efficiency	Total Cooling Output (kBtu/h)	Efficiency Unit	Efficiency	Economizer Type (if present)	Status[1]
SSCU/SSFC-2 Telecom Room	Single Zone Air Conditioner (SZAC) Air System	1	0	0	N/A	NA	24	EER SEER	9.2 15	No Economizer	N
SSCU/SSFC-3 Electrical Ro	Single Zone Air Conditioner (SZAC) Air System	1	0	0	N/A	NA	24	EER SEER	9.2 15	No Economizer	N
CU-1	Variable Refrigerant Flow	1	297	N/A	COP	3.3	264	EER	10	N/A	N

[1] *Status: N - New, A - Altered, E - Existing*

Santee
SO HIGH • SO EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13
			Supply Fan				Return / Relief Fan					
Name or Item Tag	Qty	Design OA CFM	CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	Status[1]
RTU-1	1	1293.56	2,790	4	BHP	VSD	N/A	N/A	N/A	N/A	N/A	N
RTU-2	1	1293.56	2,790	4	BHP	VSD	N/A	N/A	N/A	N/A	N/A	N
SSCU/SSFC-1 Machine Room	1	0	579	0.05	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
SSCU/SSFC-2 Telecom Room	1	0	579	0.05	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
SSCU/SSFC-3 Electrical Ro	1	0	579	0.05	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
2-FCU-1-1 Restrooms-VRF	1	0	410	0.4	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
3-FCU-1-2 Lobby-VRF	1	281	955	0.4	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
4-FCU-1-3 Lobby-VRF	1	296	955	0.4	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
5-FCU-1-4 Open Office-VRF	1	155.1	585	0.16	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
6-FCU-1-5 Circulation-VRF	1	150.75	585	0.16	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
7-FCU-1-6 Kitchen-VRF	1	43.5	955	0.4	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
8-FCU-1-7 Kitchen-VRF	1	58.35	1,165	0.4	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
9-FCU-2-1 Multipurpose Room-VRF	1	336.5	1,165	0.4	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
10-FCU-2-2 Multipurpose Room-VRF	1	336.5	1,165	0.4	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N

[1] *Status: N - New, A - Altered, E - Existing*

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13
			Supply Fan				Return / Relief Fan					
Name or Item Tag	Qty	Design OA CFM	CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	Status[1]
11-FCU-2-3 2nd Circulation-VRF	1	86.1	410	0.4	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N

[1] *Status: N - New, A - Altered, E - Existing*

H5. GENERAL EXHAUST FAN SUMMARY

01	02	03	04	05	06	07	08
System ID	Zone Name	Qty	CFM	Power	Power Units	Continuous Operation?	Status[1]
FCU-1-1 Restrooms1	1-FCU-1-1 Restrooms	1	910	0.38	BHP	No	N
FCU-1-6 Kitchen48	6-FCU-1-6 Kitchen	1	400	0.2	BHP	No	N
FCU-1-7 Kitchen57	7-FCU-1-7 Kitchen	1	400	0.2	BHP	No	N

[1] *Status: N - New, A - Altered, E - Existing*

H8. SYSTEM SPECIAL FEATURES

01	02	03	04
System Name	Equipment Type	Interlocks per 140.4(n)[1]	Other Special Features and Controls
RTU-1	Package SZ VAV AC Air System	N/A	Zone(s) With CO2 Sensor Vent. Control Differential DB
RTU-2	Package SZ VAV AC Air System	N/A	Zone(s) With CO2 Sensor Vent. Control Differential DB
CU-1	Variable Refrigerant Flow	N/A	Heat Recovery

Notes: This table includes controls related to the performance path only. For projects using the prescriptive path, mandatory and prescriptive controls requirements are documented on the NRCC-MCH-E.
[1] *Yes = interlocks are provided, No = interlocks are not provided, NA means no operable openings.*

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
		Mechanical Ventilation				
Zone Name	Ventilation Function	# of Peoplefl of People	Supply OA CFM	Exhaust CFM	Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
1-FCU-1-1 Restrooms	Exhaust - Toilets, public	2.79	0	910	558	N/A
2-FCU-1-1 Lobby	Assembly - Lobbies	18.73	281	0	562	N/A
3-FCU-1-3 Lobby	Assembly - Lobbies	19.73	296	0	592	N/A
4-FCU-1-4 Open Office	Office - Office space	5.17	155.1	0	1034	N/A
5-FCU-1-5 Circulation	General - Corridors	5.03	150.75	0	1005	N/A
6-FCU-1-6 Kitchen	Food Service - Kitchen (cooking)	0.72	43.5	400	290	N/A
7-FCU-1-7 Kitchen	Food Service - Kitchen (cooking)	0.97	58.35	400	389	N/A
8-FCU-2-1 Multipurpose Room	General - Conference/meeting	22.43	336.5	0	673	N/A
9-FCU-2-2 Multipurpose Room	General - Conference/meeting	22.43	336.5	0	673	N/A
10-FCU-2-3 2nd Circulation	General - Corridors	2.87	86.1	0	574	N/A
11-Event Center	Misc - All others	86.24	1293.56	0	2587	DCV
12-Event Center	Misc - All others	86.24	1293.56	0	2587	DCV
13-Machine Room	General - Unoccupied	0.11	0	0	76	N/A
14-Telecom	General - Unoccupied	0.28	0	0	189	N/A
15-Electrical Room	General - Unoccupied	0.28	0	0	189	N/A

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12
			Rated Capacity (kBtuh)		Airflow (cfm)			Fan			VSD
System ID	System Type	Qty	Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	
11-Event Center-Trm	Variable Air Volume No Reheat Box	1	N/A	N/A	2,790	1,294	0.46	N/A	N/A	N/A	☐
12-Event Center-Trm	Variable Air Volume No Reheat Box	1	N/A	N/A	2,790	1,294	0.46	N/A	N/A	N/A	☐
13-Machine Room-Trm	Uncontrolled	1	N/A	N/A	579	N/A	0	N/A	N/A	N/A	☐
14-Telecom-Trm	Uncontrolled	1	N/A	N/A	579	N/A	0	N/A	N/A	N/A	☐
15-Electrical Room-Trm	Uncontrolled	1	N/A	N/A	579	N/A	0	N/A	N/A	N/A	☐
2-FCU-1-1 Restrooms-VRF	Variable Refrigerant Flow	1	12.6	10.8	410	N/A	N/A	0.4	BHP	Continuous	☐
3-FCU-1-2 Lobby-VRF	Variable Refrigerant Flow	1	35	28.8	955	N/A	N/A	0.4	BHP	Continuous	☐
4-FCU-1-3 Lobby-VRF	Variable Refrigerant Flow	1	34	25.3	955	N/A	N/A	0.4	BHP	Continuous	☐
5-FCU-1-4 Open Office-VRF	Variable Refrigerant Flow	1	18	13.9	585	N/A	N/A	0.16	BHP	Continuous	☐
6-FCU-1-5 Circulation-VRF	Variable Refrigerant Flow	1	16.6	13.6	585	N/A	N/A	0.16	BHP	Continuous	☐
7-FCU-1-6 Kitchen-VRF	Variable Refrigerant Flow	1	36.9	30.9	955	N/A	N/A	0.4	BHP	Continuous	☐
8-FCU-1-7 Kitchen-VRF	Variable Refrigerant Flow	1	54	44.5	1,165	N/A	N/A	0.4	BHP	Continuous	☐
9-FCU-2-1 Multipurpose Room-VRF	Variable Refrigerant Flow	1	52.8	40.1	1,165	N/A	N/A	0.4	BHP	Continuous	☐
10-FCU-2-2 Multipurpose Room-VRF	Variable Refrigerant Flow	1	43.7	41.7	1,165	N/A	N/A	0.4	BHP	Continuous	☐
11-FCU-2-3 2nd Circulation-VRF	Variable Refrigerant Flow	1	12.6	10.8	410	N/A	N/A	0.4	BHP	Continuous	☐

K1. INDOOR CONDITIONED LIGHTING GENERAL INFO

01	02	03	04	05	06
				Additional (Custom) Allowance	
Occupancy Type[1]	Conditioned Floor Area[2] (ft^2)	Installed Lighting Power (Watts)	Lighting Control Credits (Watts)	Area Category Footnotes (Watts)	Area Category Footnotes (Watts)
Convention, Conference, Multipurpose and Meeting Center	6520	2673	0	0	0
Corridor	1579	430	0	0	0
Electrical Mechanical Telephone Room	454	160	0	0	0
Kitchen/ Food Preparation	679	195	0	0	0
Main Entry Lobby	1154	633.4	0	0	0
Office (250 square feet)	1034	359	0	0	0
Restroom	558	385	0	0	0
Building Totals:	**11978**	**4835.4**	**0**	**0**	**0**

[1] *See Table 140.6-C*
[2] *See NRCC-LTI-E for unconditioned spaces*
[3] *Lighting information for existing spaces modeled is not included in this table*

K2. INDOOR CONDITIONED LIGHTING SCHEDULE

Luminaire Schedule (includes all permanent installed lighting in conditioned space, and portable lighting over 0.3 w/ft^2 in offices)

01	02	03	04	05	06
		Installed Watts (Conditioned)			
Name or Item Tag	Complete Luminaire Description (i.e. 3-lamp fluorescent troffer, F32T8, one dimmable electronic ballast)	Watts per luminaire	How is Wattage determined	Total Number of Luminaires	Installed Watts
L-1	RD2	15	According to	15	225
L-2	RA2	20	According to	8	160
L-3	AS1	24	According to	10	240
L-4	RD2	15	According to	5	75
L-5	FD1	33	According to	8	264
L-6	RA1	20	According to	1	20
L-7	LR1	16	According to	10	160
L-8	FS1	75	According to	2	150
L-9	RD2b	15	According to	7	105
L-10	RD2b	15	According to	6	90
L-11	FD2	26	According to	4	104
L-12	FD2	26	According to	4	104
L-13	FD2	26	According to	4	104
L-14	RD2	15	According to	8	120
L-15	RA3	43	According to	16	688
L-16	LP1a	180	According to	1	180
L-17	LP1b	90	According to	2	180
L-18	LP1c	50	According to	1	50
L-19	FD1	33	According to	3	99
L-20	RA3	43	According to	16	688

[1] *If lighting power densities were used in the compliance model Building Departments will need to check prescriptive forms for Luminaire Schedule details.*

K2. INDOOR CONDITIONED LIGHTING SCHEDULE

Luminaire Schedule (includes all permanent installed lighting in conditioned space, and portable lighting over 0.3 w/ft^2 in offices)

01	02	03	04	05	06
		Installed Watts (Conditioned)			
Name or Item Tag	Complete Luminaire Description (i.e. 3-lamp fluorescent troffer, F32T8, one dimmable electronic ballast)	Watts per luminaire	How is Wattage determined	Total Number of Luminaires	Installed Watts
L-21	LP1a	180	According to	1	180
L-22	LP1b	90	According to	2	180
L-23	LP1c	50	According to	1	50
L-24	FD1	33	According to	2	66
L-25	LP2	20	According to	2	40
L-26	LP2	20	According to	2	40
L-27	LP2	20	According to	4	80

[1] *If lighting power densities were used in the compliance model Building Departments will need to check prescriptive forms for Luminaire Schedule details.*

K3. INDOOR CONDITIONED LIGHTING CONTROL CREDITS

Lighting Control Credits Schedule (includes all lighting controls installed in conditioned space for compliance credit per 140.6(a)2 and Table 140.6-A)

01	02	03	04	05	06	07	08	09
Area Description	Primary Function Area (must meet requirements of Table 140.6-A and 170.2-L)	Type of Lighting Control	Power Adjustment Factor (PAF)	Luminaire Item Tag	Watts per Luminaire	# of Luminaires	Lighting Controlled (Watts)	Control Credit (Watts)
S-1-FCU-1-1 Restrooms	Restroom	N/A	N/A	L-1	15	15	225	0
S-1-FCU-1-1 Restrooms	Restroom	N/A	N/A	L-2	20	8	160	0
S-3-FCU-1-3 Lobby	Main Entry Lobby	N/A	N/A	L-3	24	10	240	0
S-4-FCU-1-4 Open Office	Office (250 square feet)	N/A	N/A	L-4	15	5	75	0
S-4-FCU-1-4 Open Office	Office (250 square feet)	N/A	N/A	L-5	33	8	264	0
S-4-FCU-1-4 Open Office	Office (250 square feet)	N/A	N/A	L-6	20	1	20	0
S-5-FCU-1-5 Circulation	Corridor	N/A	N/A	L-7	16	10	160	0
S-5-FCU-1-5 Circulation	Corridor	N/A	N/A	L-8	75	2	150	0
S-6-FCU-1-6 Kitchen	Kitchen/ Food Preparation	N/A	N/A	L-9	15	7	105	0
S-7-FCU-1-7 Kitchen	Kitchen/ Food Preparation	N/A	N/A	L-10	15	6	90	0
S-8-FCU-2-1 Multipurpose Room	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-11	26	4	104	0
S-9-FCU-2-2 Multipurpose Room	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-12	26	4	104	0
S-9-FCU-2-2 Multipurpose Room	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-13	26	4	104	0

K3. INDOOR CONDITIONED LIGHTING CONTROL CREDITS

Lighting Control Credits Schedule (includes all lighting controls installed in conditioned space for compliance credit per 140.6(a)2 and Table 140.6-A)

01	02	03	04	05	06	07	08	09
Area Description	Primary Function Area (must meet requirements of Table 140.6-A and 170.2-L)	Type of Lighting Control	Power Adjustment Factor (PAF)	Luminaire Item Tag	Watts per Luminaire	# of Luminaires	Lighting Controlled (Watts)	Control Credit (Watts)
S-10-FCU-2-3 2nd Circulation	Corridor	N/A	N/A	L-14	15	8	120	0
S-11-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-15	43	16	688	0
S-11-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-16	180	1	180	0
S-11-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-17	90	2	180	0
S-11-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-18	50	1	50	0
S-11-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-19	33	3	99	0
S-12-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-20	43	16	688	0
S-12-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-21	180	1	180	0
S-12-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-22	90	2	180	0

K3. INDOOR CONDITIONED LIGHTING CONTROL CREDITS

Lighting Control Credits Schedule (includes all lighting controls installed in conditioned space for compliance credit per 140.6(a)2 and Table 140.6-A)

01	02	03	04	05	06	07	08	09
Area Description	Primary Function Area (must meet requirements of Table 140.6-A and 170.2-L)	Type of Lighting Control	Power Adjustment Factor (PAF)	Luminaire Item Tag	Watts per Luminaire	# of Luminaires	Lighting Controlled (Watts)	Control Credit (Watts)
S-12-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-23	50	1	50	0
S-12-Event Center	Convention, Conference, Multipurpose and Meeting Center	N/A	N/A	L-24	33	2	66	0
S-13-Machine Room	Electrical Mechanical Telephone Room	N/A	N/A	L-25	20	2	40	0
S-14-Telecom	Electrical Mechanical Telephone Room	N/A	N/A	L-26	20	2	40	0
S-15-Electrical Room	Electrical Mechanical Telephone Room	N/A	N/A	L-27	20	4	80	0
						Lighting Control Credits (Conditioned) Total (Watts)		0

K4. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROL

Building Level Controls

01	02
Mandatory Demand Response 110.12(c)	Shut-Off Controls 130.1(c) & 160.5(b)4C
Required	Required
See NRCC-LTI-E for mandatory controls	

LICENSED PROFESSIONAL ENGINEER — RAJI KHOURI — M 39083 — EXP. 09/30/26 — MECHANICAL — STATE OF CALIFORNIA

INTERWEST — A SAFEbuilt COMPANY — Approved — 08/01/2025 3:22:14 PM

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
CONTRACTOR:							HORIZ:	GA	JS	RE
INSPECTOR:							VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
DATE COMPLETED								RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Paula Marco / PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. M0.04

SHEET 179 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL TITLE 24 (#2 OF 3)

100% CONSTRUCTION DOCUMENTS - 08/25/2023

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-M-Santee Community Center-R20.rvt

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Keynotes:

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD	NRCC-PRF-E
Nonresidential Performance Compliance Method	(Page 25 of 27)

L. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

Building Component	Form/Title
Envelope	NRCI-ENV-01-E - Must be submitted for all buildings
Envelope	NRCI-ENV-E - Envelope (for all buildings)
Mechanical	NRCI-MCH-01-E - Must be submitted for all buildings
Mechanical	NRCI-MCH-E - For all buildings with Mechanical Systems
Indoor Lighting	NRCI-LTI-01-E - Must be submitted for all buildings
Indoor Lighting	NRCI-LTI-E - Indoor Lighting (for all buildings)

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).

Building Component	Form/Title
Envelope	NRCA-ENV-02-F - NRFC label verification for fenestration
Indoor Lighting	NRCA-LTI-02-A - Occupancy Sensors and Automatic Time Switch Controls.
Indoor Lighting	NRCA-LTI-04-A - Demand Responsive Lighting Controls.
Mechanical	NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
Mechanical	NRCA-MCH-03-A - Constant Volume Single Zone HVAC
Mechanical	NRCA-MCH-05-A - Air Economizer Controls
Mechanical	NRCA-MCH-06-A Demand Control Ventilation Systems must be submitted for all systems required to employ demand controlled ventilation (refer to) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO2) concentration setpoints.
Mechanical	NRCA-MCH-07-A Supply Fan Variable Flow Controls
Mechanical	NRCA-MCH-12-A FDD for Packaged Direct Expansion Units

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD	NRCC-PRF-E
Nonresidential Performance Compliance Method	(Page 26 of 27)

N. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

There are no Certificates of Verification applicable to this project

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD	NRCC-PRF-E
Nonresidential Performance Compliance Method	(Page 27 of 27)

Documentation Author's Declaration Statement

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Company: Syska Hennessy Group, Inc.	Signature Date:
Address:	CEA/HERS Certification Identification (if applicable):
City/State/Zip: ,	Phone:

Responsible Person's Declaration statement

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.
6. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.

Responsible Designer Name:	Responsible Designer Signature:	
Company:		
Address:	Date Signed:	
City/State/Zip: ,	License #:	
Phone:	Title:	Scope:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A WATTSUM COMPANY
Approved
08/01/2025 3:22:14 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO. _____	DATE _____ EXPIRES _____	

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

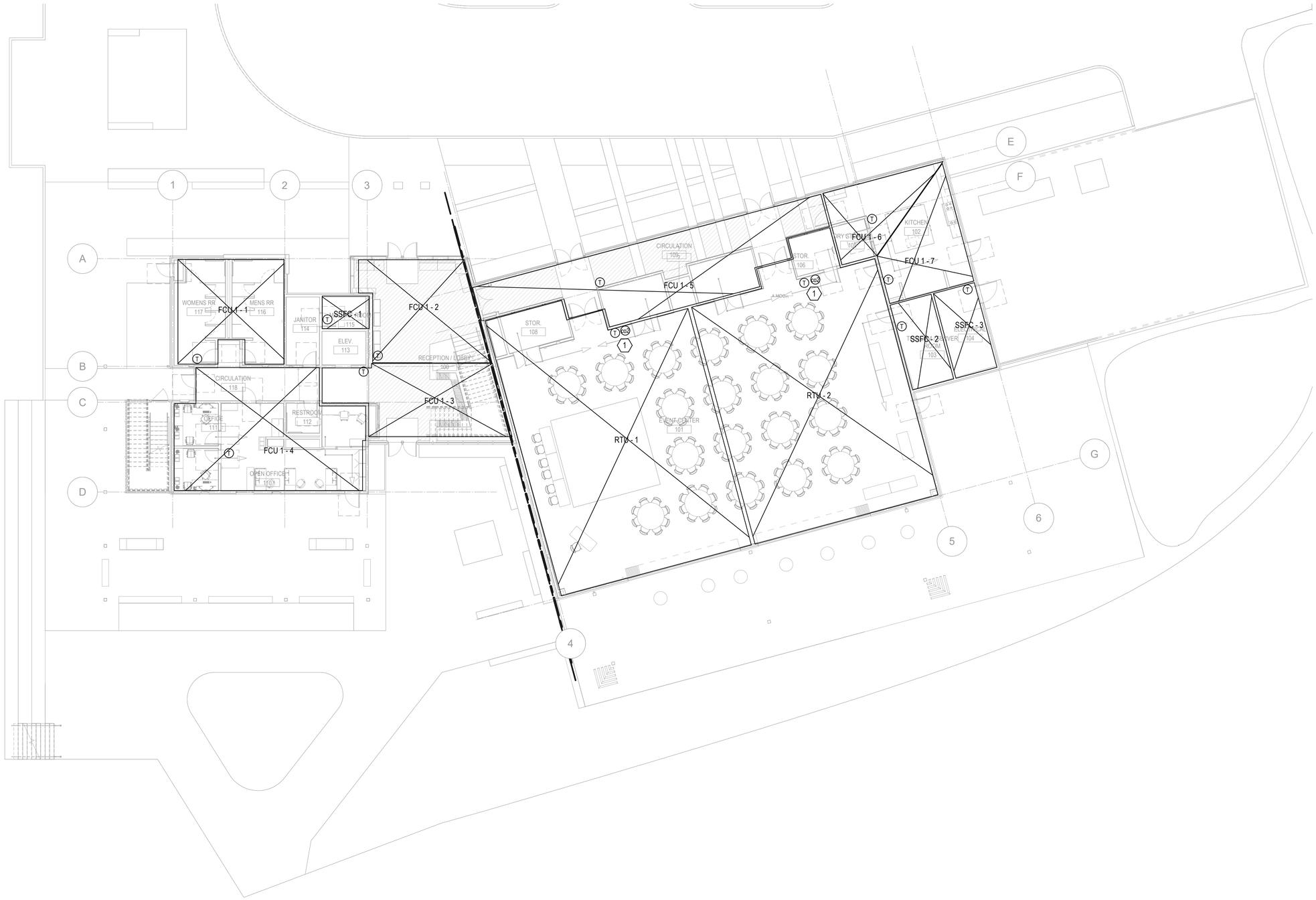
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **M0.05**
SHEET 180 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL TITLE 24 (#3 OF 3)
100% CONSTRUCTION DOCUMENTS - 08/25/2023

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1 MZ2.11 MECHANICAL ZONING PLAN - 1ST FLOOR
3/32" = 1'-0"

Keynotes:

1. PROVIDE COMBINATION THERMOSTAT & CO2 SENSOR.

Notes:

1. THERMOSTAT LOCATIONS ARE APPROXIMATE. SUBMIT COORDINATED SHOP DRAWINGS SHOWING THERMOSTAT LOCATIONS FOR APPROVAL BY ARCHITECT AND ENGINEER.

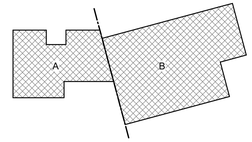
Santee
SO HUMAN • SO EAST

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:14 PM

KEY PLAN:



LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

TN
PN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

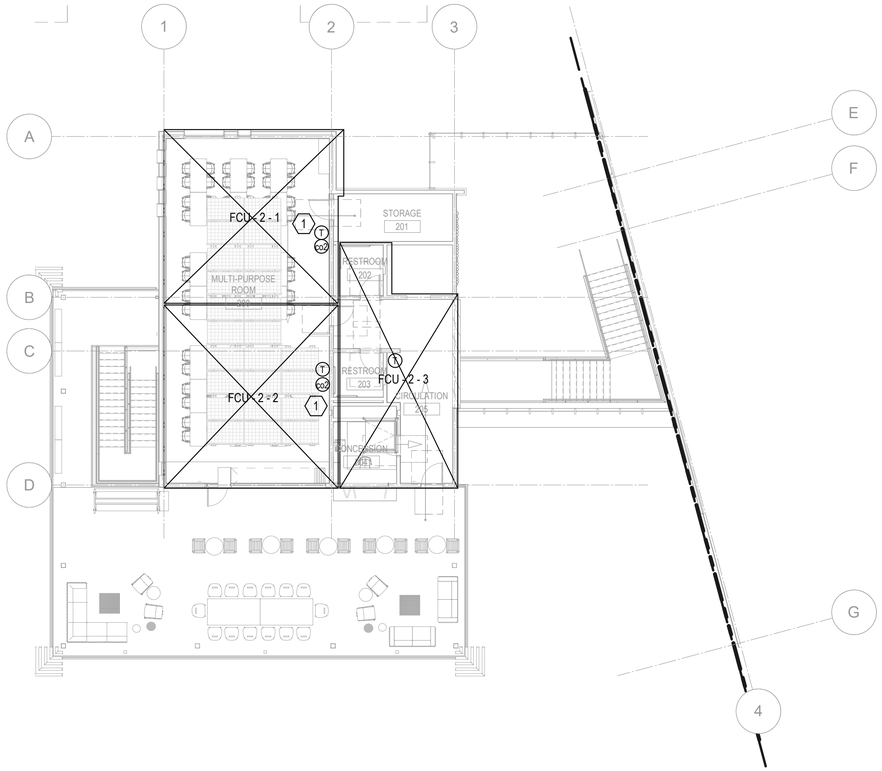
DRAWING NO.: **MZ2.11**
SHEET 181 OF 29

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL 1ST FLOOR - ZONING PLAN

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1 MZ2.21 MECHANICAL ZONING PLAN - 2ND FLOOR
3/32" = 1'-0"

Keynotes:

1. PROVIDE COMBINATION THERMOSTAT & CO2 SENSOR.

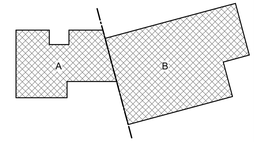
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:14 PM

KEY PLAN:



LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

TN
PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL 2ND FLOOR - ZONING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

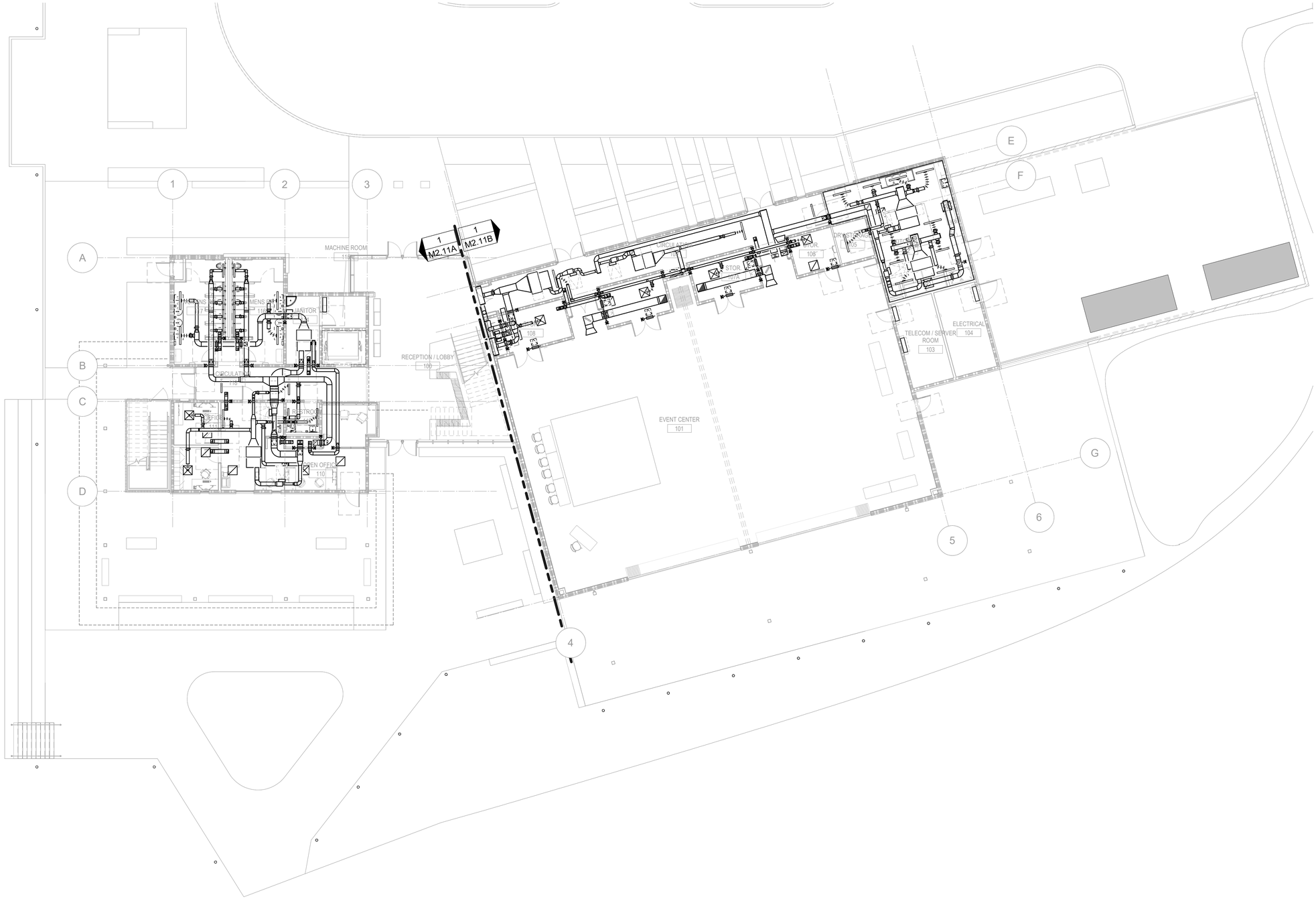
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: MZ2.21
SHEET 182 OF 29

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1 / M2.11 MECHANICAL FLOOR PLAN - OVERALL - 1ST FLOOR
3/32" = 1'-0"

Keynotes:

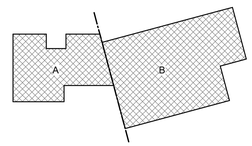
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:14 PM

KEY PLAN:



LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

TN
PN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

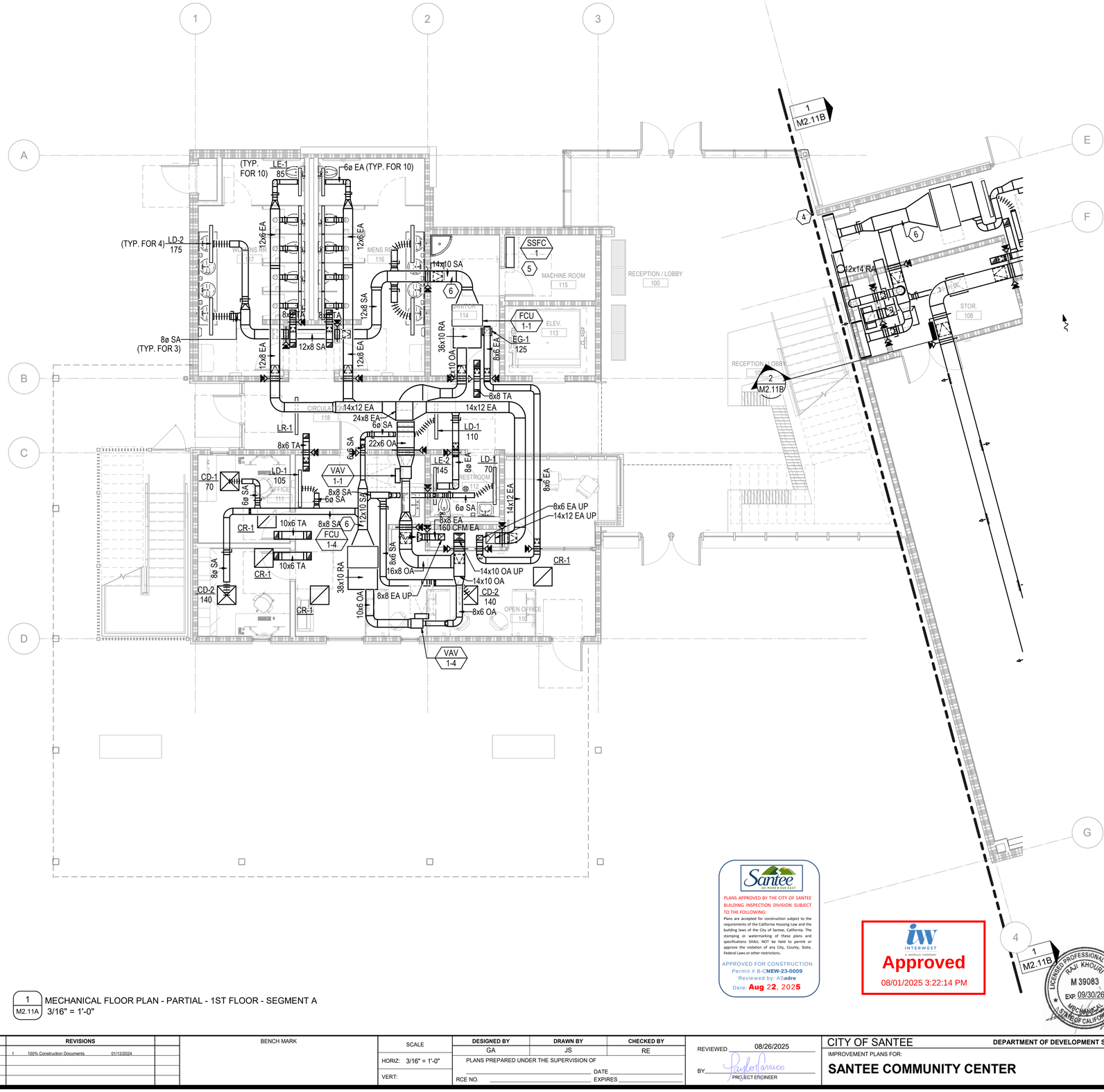
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	M2.11
	SHEET 183 OF 29

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL LEVEL 1 - OVERALL PLAN

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1 M2.11A MECHANICAL FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT A
3/16" = 1'-0"

Keynotes:

4. DIFFUSERS AT LOBBY TO BE A CONTINUOUS STRIP.
5. PROVIDE STAINLESS STEEL SECONDARY CONDENSATE DRIP PAN WITH LEAK DETECTION (MIN 1% SLOPE TOWARD DRAIN) FOR ALL WALL MOUNTED SPLIT UNITS.
6. PROVIDE SMOKE DUCT DETECTOR ON SUPPLY IN A WEATHER PROOF ENCLOSURE UNIT SHALL SHUT DOWN UPON DETECTION OF SMOKE. PROVIDE INTEGRATION WITH FIRE LIFE SAFETY SYSTEMS.

Notes:

1 PER CMC 502.2.1, EXHAUST AIR SHALL TERMINATE NOT LESS THAN 3 FEET FROM A PROPERTY LINE, 10 FEET FROM AN OUTSIDE AIR INLET, 10 FEET ABOVE A PUBLIC WALKWAY, AND 3 FEET FROM OPENINGS INTO THE BUILDING.

2 SEALANT SHALL BE APPLIED TO LONGITUDINAL SEAMS IN SHOP DURING FABRICATION. FIELD APPLY SEALANT TO TRANSVERSE SEAMS AND CONNECT TO BRANCH DUCTWORK AND AIR OUTLETS.

3 ALL NEW SUPPLY DUCTS SHALL BE INSULATED PER CALIFORNIA CODE.

4 ALL OUTSIDE AIR DUCTS SHALL BE INSULATED TO PREVENT POTENTIAL MOISTURE CONCERNS.

5 ALL FCUS SHALL HAVE DUCT LINING FOR FIRST 15' OF DUCTWORK. ALL FCU MIXING BOXES SHALL BE LINED.

6 NEW BRANCH DUCT CONNECTIONS SHALL BE SEALED AND CAULKED AIR TIGHT.

7 PROVIDE ACOUSTICAL SOUND BOOT OR ACOUSTICAL FLEX TAIL FOR ALL RETURN GRILLES IN LAY-IN CEILING.

8 PROVIDE REMOTE OPERATED YOUNG REGULATOR DAMPER FOR ANY DAMPERS LOCATED ABOVE HARD LID CEILING. REMOTE OPERATED DAMPER SHALL BE ACCESSIBLE THROUGH THE FACE OF THE DIFFUSER, GRILLE OR LINEAR WITHOUT THE NEED FOR AN ACCESS PANEL IN HARD LID CEILINGS.

9 COORDINATE ALL SHUTDOWNS WITH BUILDING FACILITIES, OWNER, AND TENANTS.

10 UNLESS OTHERWISE NOTED, ALL DUCTWORK SIZES SHALL MATCH AIR TERMINAL INLET SIZE.

11 ALL BRANCH DUCTWORK TO DIFFUSERS AND GRILLES SHALL HAVE A VOLUME DAMPER.

12 PROVIDE 1" ACOUSTIC LINING ON ALL TRANSFER BOOTS.

13 ENSURE ALL FAN COILS HAVE PROPER ACCESS FOR CONTROLS AND VALVE MAINTENANCE.

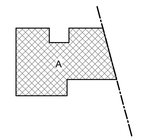
14 NO EQUIPMENT, CONDUIT, OR CABLING SHALL BE LOCATED BELOW BEAMS WITH LESS THAN 5" CLEARANCE FOR HVAC RETURN AIR.

15 PROVIDE COORDINATED SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION OF EQUIPMENT, DUCTWORK & PIPING. ITEMS INSTALLED PRIOR TO COORDINATED SHOP DRAWING APPROVAL MAY NEED TO BE RELOCATED AT NO COST TO OWNER

16 ENSURE ALL DIFFUSERS, THERMOSTATS, SENSORS & ACCESS PANELS AND OTHER VISIBLE ITEMS ARE COORDINATED AND ALIGNED PRIOR TO INSTALLATION. DEVICES SHALL BE INSTALLED IN AN ORDERLY MANNER.

17 SUPPLY OR RETURN DUCTS CONVEYING HEATED OR COOLED AIR IN THE FOLLOWING LOCATIONS ARE REQUIRED TO BE INSULATED WITH R-8 INSULATION: (1) OUTDOORS, (2) IN A SPACE BETWEEN THE ROOF AND INSULATED CEILING, (3) IN A SPACE DIRECTLY UNDER A ROOF WITH FIXED VENTS OR OPENINGS TO THE OUTSIDE, (4) UNCONDITIONED SPACE.

KEY PLAN:



Santee
SO RIDGE & RUE EAST
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:14 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL LEVEL 1 - SEGMENT A PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

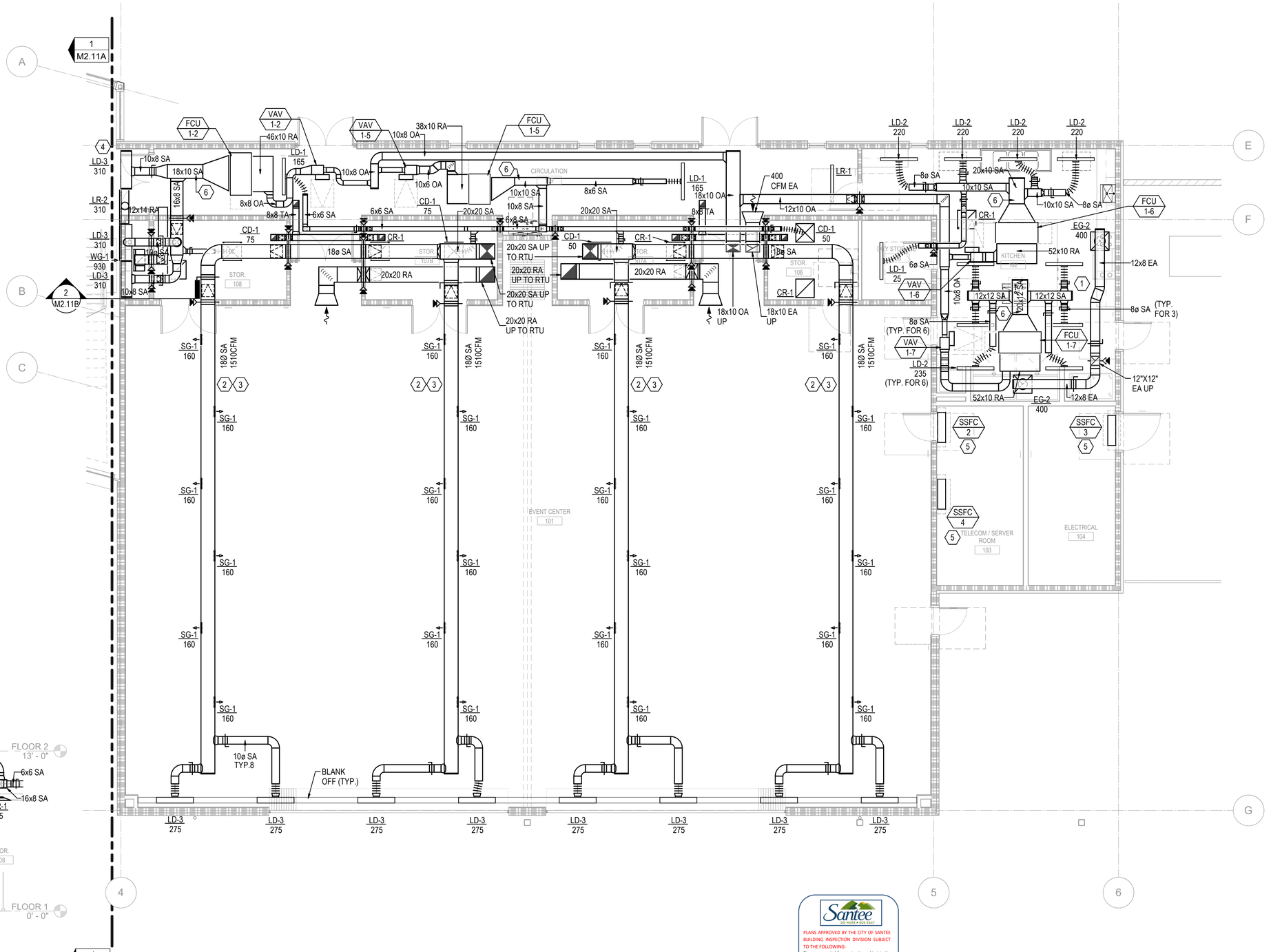
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	M2.11A
	SHEET 184 OF 29

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



2 M2.11B MECHANICAL SECTION - LOBBY 100
1/4" = 1'-0"

1 M2.11B MECHANICAL FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT B
3/16" = 1'-0"

Keynotes:

1. THIS IS A WARMING/PREP KITCHEN. CURRENT DESIGN DOES NOT INCLUDE ANY TYPE I OR TYPE II KITCHEN EXHAUST.
2. ROUND METAL DUCT WITH SPIRAL DUCT MOUNTED DIFFUSERS & AIR SCOOP DAMPER AT 45° AND DIFFUSER INSTALLED AT 45° DOWNWARD.
3. CONTRACTOR TO INSTALL DIFFUSERS WITH THE CENTER OF THE SLAT TO THE CENTER OF DIFFUSER.
4. DIFFUSERS AT LOBBY TO BE A CONTINUOUS STRIP.
5. PROVIDE STAINLESS STEEL SECONDARY CONDENSATE DRIP PAN WITH LEAK DETECTION (MIN 1% SLOPE TOWARD DRAIN) FOR ALL WALL MOUNTED SPLIT UNITS.
6. PROVIDE SMOKE DUCT DETECTOR ON SUPPLY IN A WEATHER PROOF ENCLOSURE UNIT SHALL SHUT DOWN UPON DETECTION OF SMOKE. PROVIDE INTEGRATION WITH FIRE LIFE SAFETY SYSTEMS.

Notes:

1 PER CMC 502.2.1, EXHAUST AIR SHALL TERMINATE NOT LESS THAN 3 FEET FROM A PROPERTY LINE, 10 FEET FROM AN OUTSIDE AIR INLET, 10 FEET ABOVE A PUBLIC WALKWAY, AND 3 FEET FROM OPENINGS INTO THE BUILDING.

2 SEALANT SHALL BE APPLIED TO LONGITUDINAL SEAMS IN SHOP DURING FABRICATION. FIELD APPLY SEALANT TO TRANSVERSE SEAMS AND CONNECT TO BRANCH DUCTWORK AND AIR OUTLETS.

3 ALL NEW SUPPLY DUCTS SHALL BE INSULATED PER CALIFORNIA CODE.

4 ALL OUTSIDE AIR DUCTS SHALL BE INSULATED TO PREVENT POTENTIAL MOISTURE CONCERNS.

5 ALL FCUS SHALL HAVE DUCT LINING FOR FIRST 15' OF DUCTWORK. ALL FCU MIXING BOXES SHALL BE LINED.

6 NEW BRANCH DUCT CONNECTIONS SHALL BE SEALED AND CAULKED AIR TIGHT.

7 PROVIDE ACOUSTICAL SOUND BOOT OR ACOUSTICAL FLEX TAIL FOR ALL RETURN GRILLES IN LAY-IN CEILING.

8 PROVIDE REMOTE OPERATED YOUNG REGULATOR DAMPER FOR ANY DAMPERS LOCATED ABOVE HARD LID CEILING. REMOTE OPERATED DAMPER SHALL BE ACCESSIBLE THROUGH THE FACE OF THE DIFFUSER, GRILLE OR LINEAR WITHOUT THE NEED FOR AN ACCESS PANEL IN HARD LID CEILINGS.

9 COORDINATE ALL SHUTDOWNS WITH BUILDING FACILITIES, OWNER, AND TENANTS.

10 UNLESS OTHERWISE NOTED, ALL DUCTWORK SIZES SHALL MATCH AIR TERMINAL INLET SIZE.

11 ALL BRANCH DUCTWORK TO DIFFUSERS AND GRILLES SHALL HAVE A VOLUME DAMPER.

12 PROVIDE 1" ACOUSTIC LINING ON ALL TRANSFER BOOTS.

13 ENSURE ALL FAN COILS HAVE PROPER ACCESS FOR CONTROLS AND VALVE MAINTENANCE.

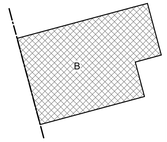
14 NO EQUIPMENT, CONDUIT, OR CABLING SHALL BE LOCATED BELOW BEAMS WITH LESS THAN 5" CLEARANCE FOR HVAC RETURN AIR.

15 PROVIDE COORDINATED SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION OF EQUIPMENT, DUCTWORK & PIPING. ITEMS INSTALLED PRIOR TO COORDINATED SHOP DRAWING APPROVAL MAY NEED TO BE RELOCATED AT NO COST TO OWNER

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KEY PLAN:



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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:14 PM

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP. 09/30/26 MECHANICAL STATE OF CALIFORNIA

TN PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL LEVEL 1 - SEGMENT B PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

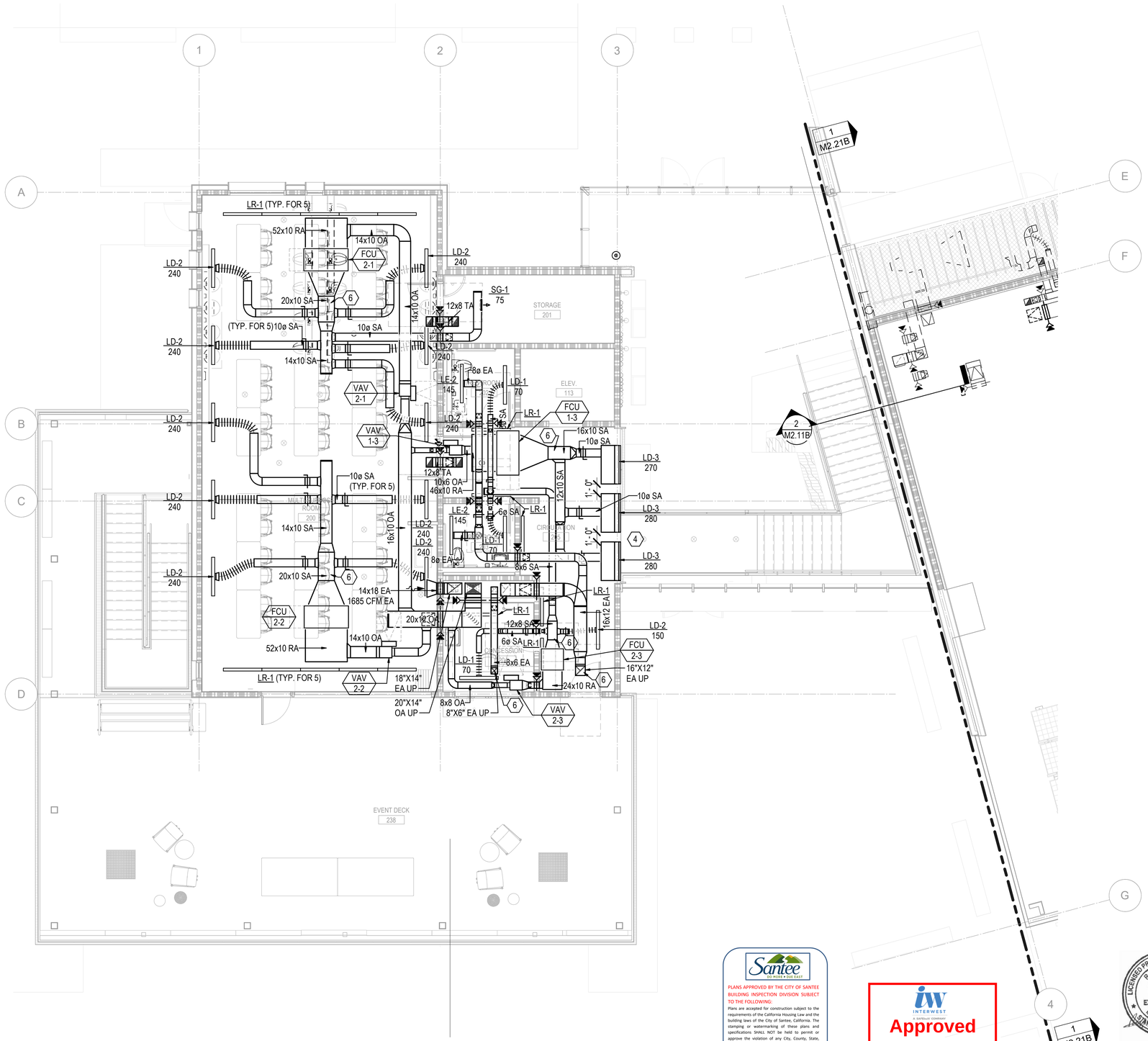
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	M2.11B
	SHEET 185 OF 29

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1 M2.21 MECHANICAL FLOOR PLAN - PARTIAL - 2ND FLOOR - SEGMENT A
3/16" = 1'-0"

Keynotes:

4. DIFFUSERS AT LOBBY TO BE A CONTINUOUS STRIP.
5. PROVIDE STAINLESS STEEL SECONDARY CONDENSATE DRIP PAN WITH LEAK DETECTION (MIN 1% SLOPE TOWARD DRAIN) FOR ALL WALL MOUNTED SPLIT UNITS.
6. PROVIDE SMOKE DUCT DETECTOR ON SUPPLY IN A WEATHER PROOF ENCLOSURE UNIT SHALL SHUT DOWN UPON DETECTION OF SMOKE. PROVIDE INTEGRATION WITH FIRE LIFE SAFETY SYSTEMS.

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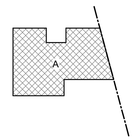
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16 ENSURE ALL DIFFUSERS, THERMOSTATS, SENSORS & ACCESS PANELS AND OTHER VISIBLE ITEMS ARE COORDINATED AND ALIGNED PRIOR TO INSTALLATION. DEVICES SHALL BE INSTALLED IN AN ORDERLY MANNER.

17 SUPPLY OR RETURN DUCTS CONVEYING HEATED OR COOLED AIR IN THE FOLLOWING LOCATIONS ARE REQUIRED TO BE INSULATED WITH R-8 INSULATION: (1) OUTDOORS, (2) IN A SPACE BETWEEN THE ROOF AND INSULATED CEILING, (3) IN A SPACE DIRECTLY UNDER A ROOF WITH FIXED VENTS OR OPENINGS TO THE OUTSIDE, (4) UNCONDITIONED SPACE.

KEY PLAN:



Santee DO MORE • DUE EAST
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A SERVPRO COMPANY
Approved
08/01/2025 3:22:14 PM

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP 09/30/26 MECHANICAL STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL LEVEL 2 PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

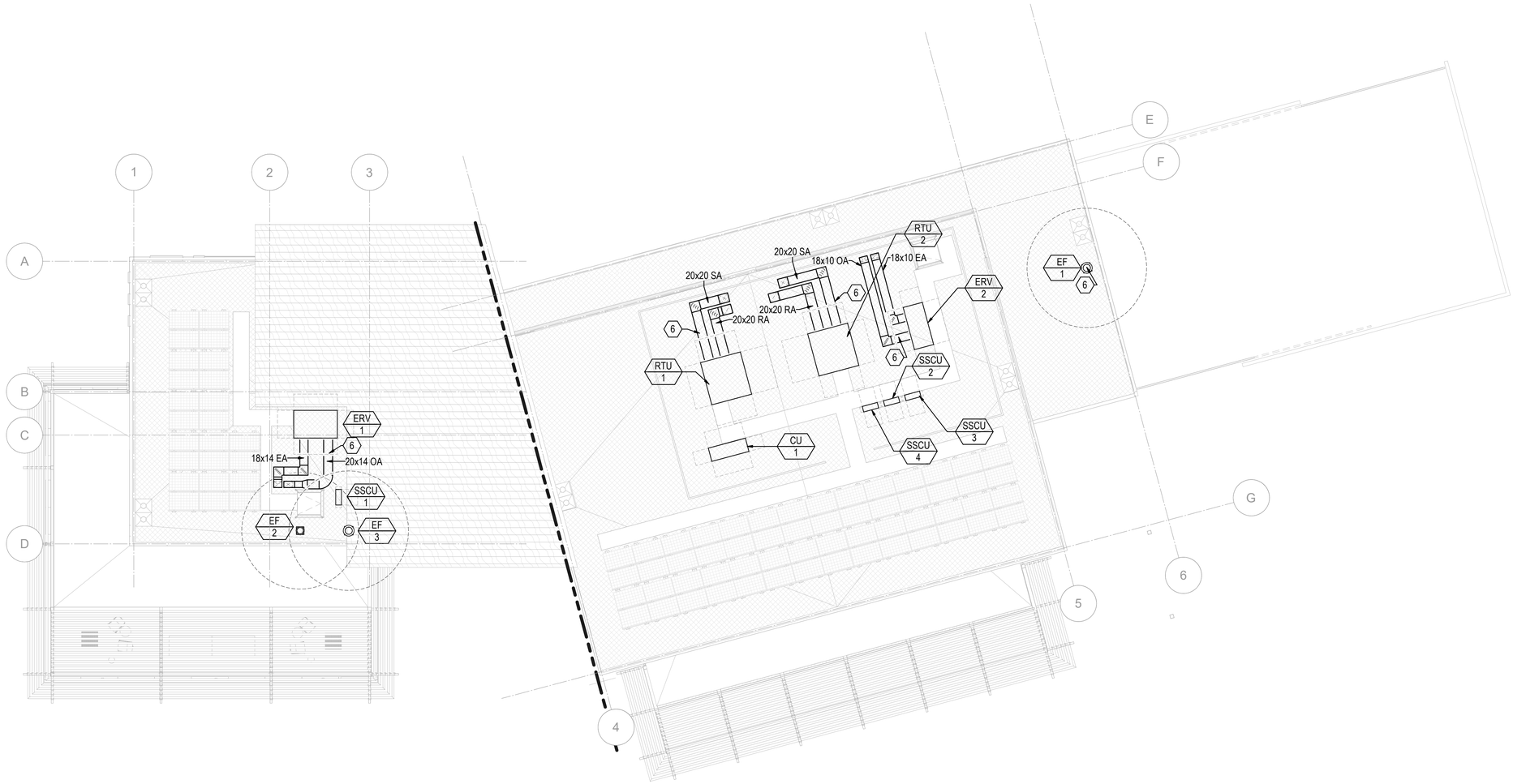
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: M2.21
SHEET 186 OF 29

Please Recycle



1 / M2.31 MECHANICAL ROOF PLAN - OVERALL
3/32" = 1'-0"

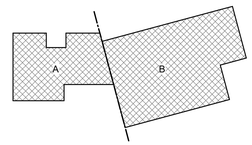
Keynotes:

6. PROVIDE SMOKE DUCT DETECTOR ON SUPPLY IN A WEATHER PROOF ENCLOSURE UNIT SHALL SHUT DOWN UPON DETECTION OF SMOKE. PROVIDE INTEGRATION WITH FIRE LIFE SAFETY SYSTEMS.

Notes:

1. PER CMC 502.2.1, EXHAUST AIR SHALL TERMINATE NOT LESS THAN 3 FEET FROM A PROPERTY LINE, 10 FEET FROM AN OUTSIDE AIR INLET, 10 FEET ABOVE A PUBLIC WALKWAY, AND 3 FEET FROM OPENINGS INTO THE BUILDING.
2. SEALANT SHALL BE APPLIED TO LONGITUDINAL SEAMS IN SHOP DURING FABRICATION. FIELD APPLY SEALANT TO TRANSVERSE SEAMS AND CONNECT TO BRANCH DUCTWORK AND AIR OUTLETS.
3. ALL NEW SUPPLY DUCTS SHALL BE INSULATED PER CALIFORNIA CODE.
4. ALL OUTSIDE AIR DUCTS SHALL BE INSULATED TO PREVENT POTENTIAL MOISTURE CONCERNS.
5. ALL FCUS SHALL HAVE DUCT LINING FOR FIRST 15' OF DUCTWORK. ALL FCU MIXING BOXES SHALL BE LINED.
6. NEW BRANCH DUCT CONNECTIONS SHALL BE SEALED AND CAULKED AIR TIGHT.
7. PROVIDE ACOUSTICAL SOUND BOOT OR ACOUSTICAL FLEX TAIL FOR ALL RETURN GRILLES IN LAY-IN CEILING.
8. PROVIDE REMOTE OPERATED YOUNG REGULATOR DAMPER FOR ANY DAMPERS LOCATED ABOVE HARD LID CEILING. REMOTE OPERATED DAMPER SHALL BE ACCESSIBLE THROUGH THE FACE OF THE DIFFUSER, GRILLE OR LINEAR WITHOUT THE NEED FOR AN ACCESS PANEL IN HARD LID CEILINGS.
9. COORDINATE ALL SHUTDOWNS WITH BUILDING FACILITIES, OWNER, AND TENANTS.
10. UNLESS OTHERWISE NOTED, ALL DUCTWORK SIZES SHALL MATCH AIR TERMINAL INLET SIZE.
11. ALL BRANCH DUCTWORK TO DIFFUSERS AND GRILLES SHALL HAVE A VOLUME DAMPER.
12. PROVIDE 1" ACOUSTIC LINING ON ALL TRANSFER BOOTS.
13. ENSURE ALL FAN COILS HAVE PROPER ACCESS FOR CONTROLS AND VALVE MAINTENANCE.
14. NO EQUIPMENT, CONDUIT, OR CABLING SHALL BE LOCATED BELOW BEAMS WITH LESS THAN 5" CLEARANCE FOR HVAC RETURN AIR.
15. PROVIDE COORDINATED SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION OF EQUIPMENT, DUCTWORK & PIPING. ITEMS INSTALLED PRIOR TO COORDINATED SHOP DRAWING APPROVAL MAY NEED TO BE RELOCATED AT NO COST TO OWNER
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KEY PLAN:



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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:14 PM

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP. 09/30/26 MECHANICAL STATE OF CALIFORNIA

PN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

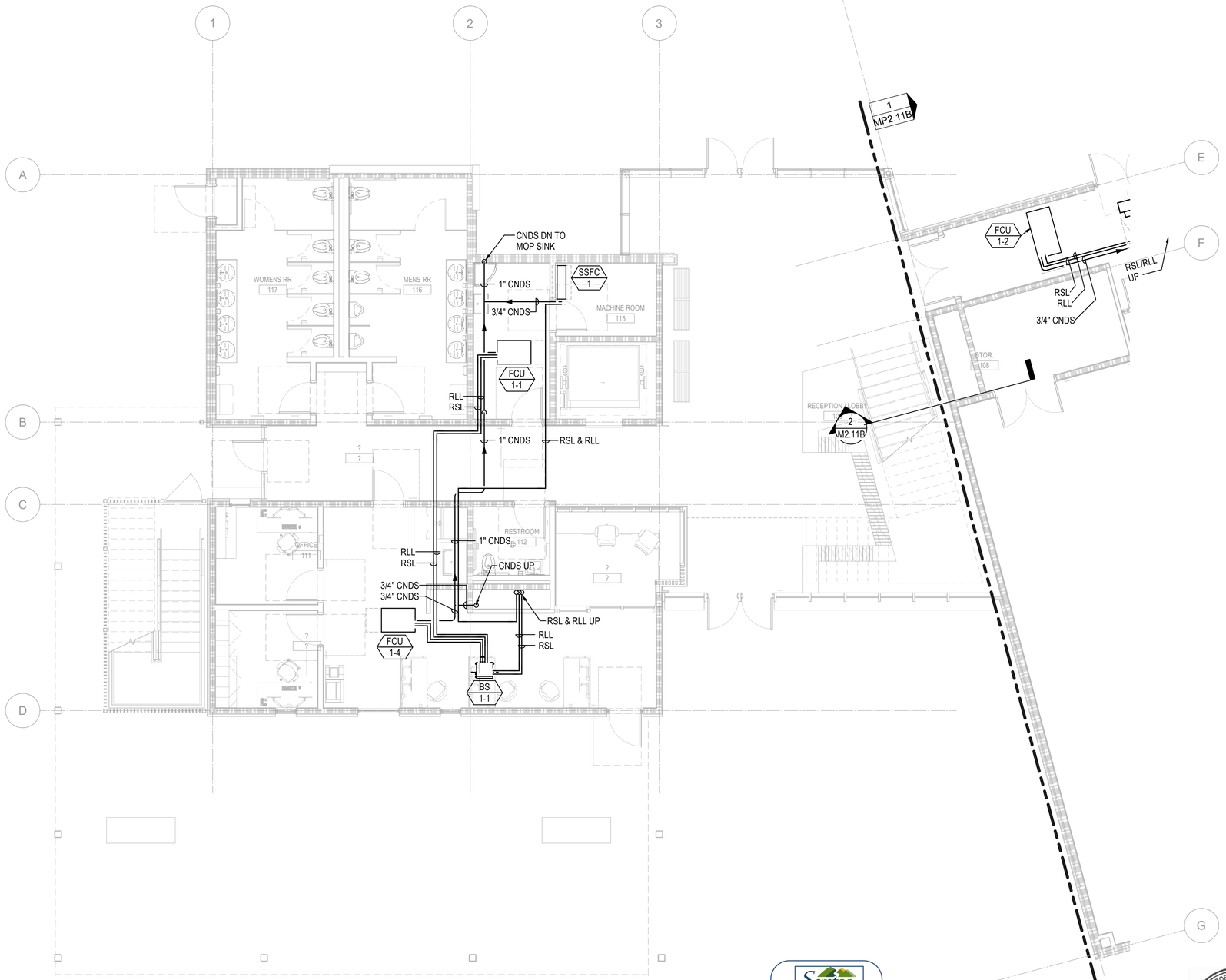
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **M2.31**
SHEET 187 OF 29

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL ROOF PLAN

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1 MP2.11A MECHANICAL PIPING FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT A
3/16" = 1'-0"

Santee
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Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:14 PM

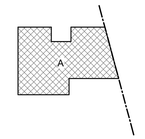
LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

Keynotes:

Notes:

1 COORDINATE ALL SHUTDOWNS WITH BUILDING FACILITIES, OWNER, AND TENANTS.
2 ENSURE ALL FAN COILS HAVE PROPER ACCESS FOR CONTROLS AND VALVE MAINTENANCE.
3 ALL REFRIGERANT PIPING SHALL BE HARD-TEMPERED TYPE "K", BRACED AND INSPECTED BY MANUFACTURER BEFORE INSULATING. ANNEALED, COILED, OR "SOFT" COPPER PIPING WILL NOT BE ACCEPTED.
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5 ENSURE CONDENSATE PIPING IS INSTALLED WITH ELASTOMERIC INSULATION.
6 NO EQUIPMENT, CONDUIT, OR CABLING SHALL BE LOCATED BELOW BEAMS WITH LESS THAN 5 CLEARANCE FOR HVAC RETURN AIR."
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10 ALL FCUS SHALL BE PROVIDED WITH SHUT-OFF VALVES, FLEXIBLE PIPE CONNECTORS, CONTROL VALVE, BALANCING VALVE, PETES PLUG AND STRAINERS. SEE DETAILS FOR MORE INFORMATION.
11 NO PIPING SHALL BE ALLOWED IN ANY IDF/MDF/DAS/UPS/ELECTRICAL RM THAT DOES NOT SERVE THE SPACE IT PASSES THROUGH. ALL PIPING IN THESE SPACES SHALL BE KEPT TO A MINIMUM. NO PIPING SHALL BE ROUTED OVER ANY ELECTRICAL OR COMPUTER EQUIPMENT.
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14 ALL CONDENSATE PIPING SHALL BE SLOPED AT 1% AND ROUTED TO THE NEAREST MOP SINK. INSIDE WALLS.

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL 1ST FLR - SEG. A - PIPING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

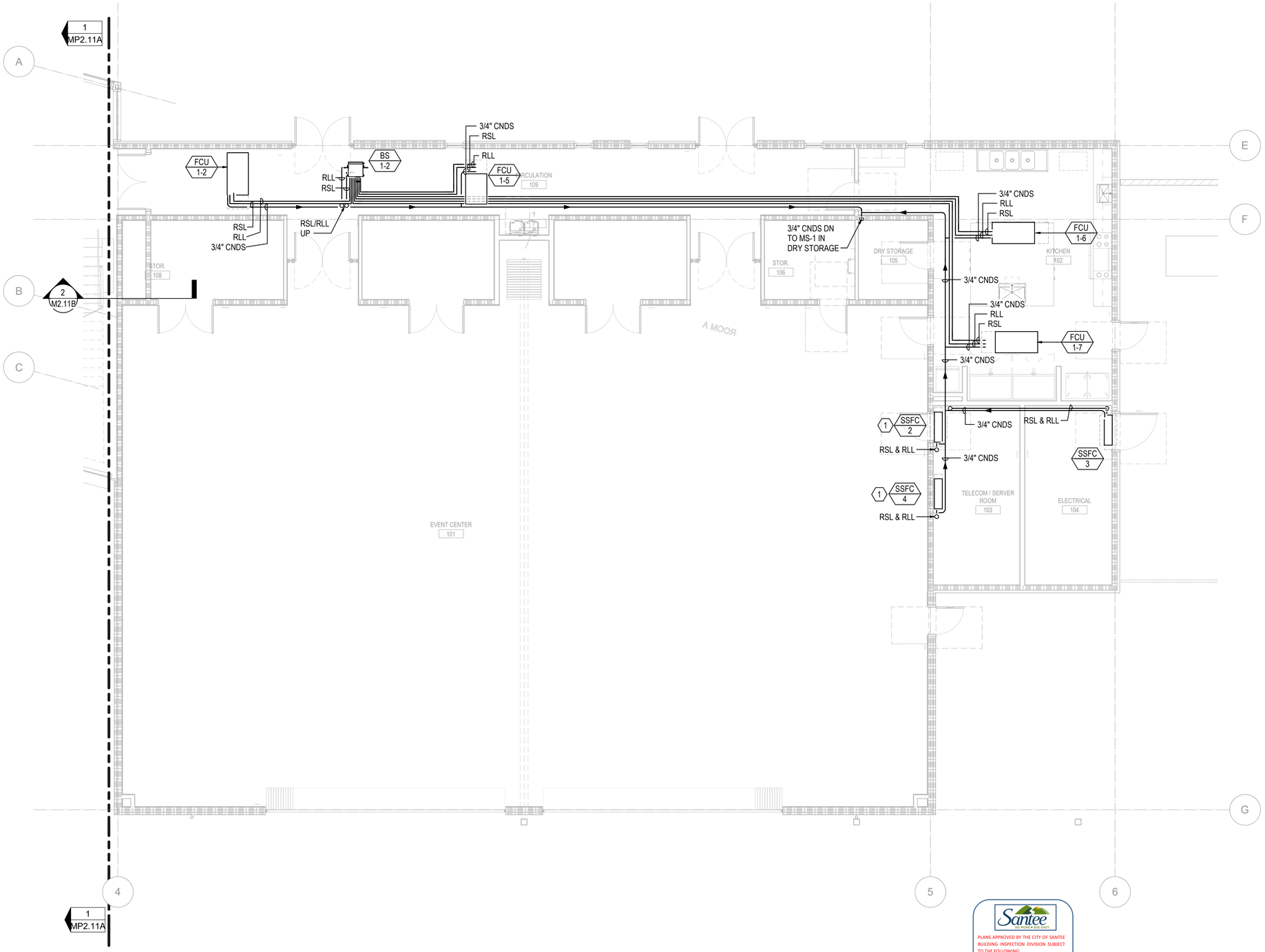
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		DATE
	RCE NO.		EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	MP2.11A
	SHEET 188 OF 29

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1 MP2.11B MECHANICAL PIPING FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT B
3/16" = 1'-0"

Keynotes:

1. INSTALL UNIT AS HIGH AS POSSIBLE. COODINATE SECONDARY CONDENSATE ROUTING SO THAT IT CAN BE ROUTED TO THE MOP SINK AT 1% SLOPE.

Notes:

1 COORDINATE ALL SHUTDOWNS WITH BUILDING FACILITIES, OWNER, AND TENANTS.

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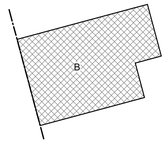
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KEY PLAN:



Santee
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

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LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP. 09/30/26 MECHANICAL STATE OF CALIFORNIA

TN PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL 1ST FLR - SEG. B - PIPING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

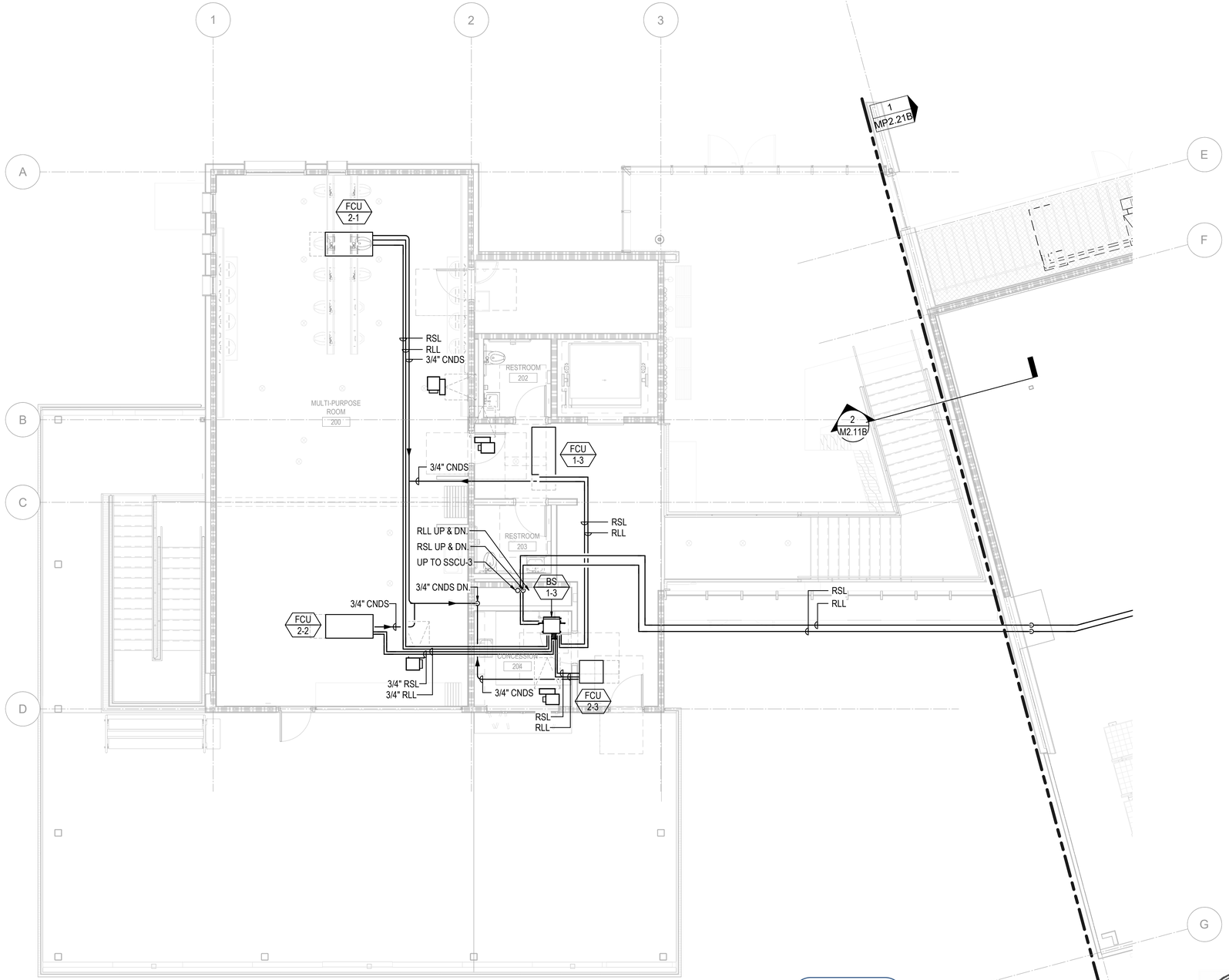
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	MP2.11B
	SHEET 189 OF 29

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1 MP2.21A MECHANICAL PIPING FLOOR PLAN - PARTIAL - 2ND FLOOR - SEGMENT A
3/16" = 1'-0"

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RAJI KHOURI
LICENSED PROFESSIONAL ENGINEER
M 39083
EXP 09/30/26
MECHANICAL
STATE OF CALIFORNIA

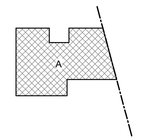
TN
PN

Keynotes:

Notes:

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KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL 2ND FLR - SEG. A - PIPING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
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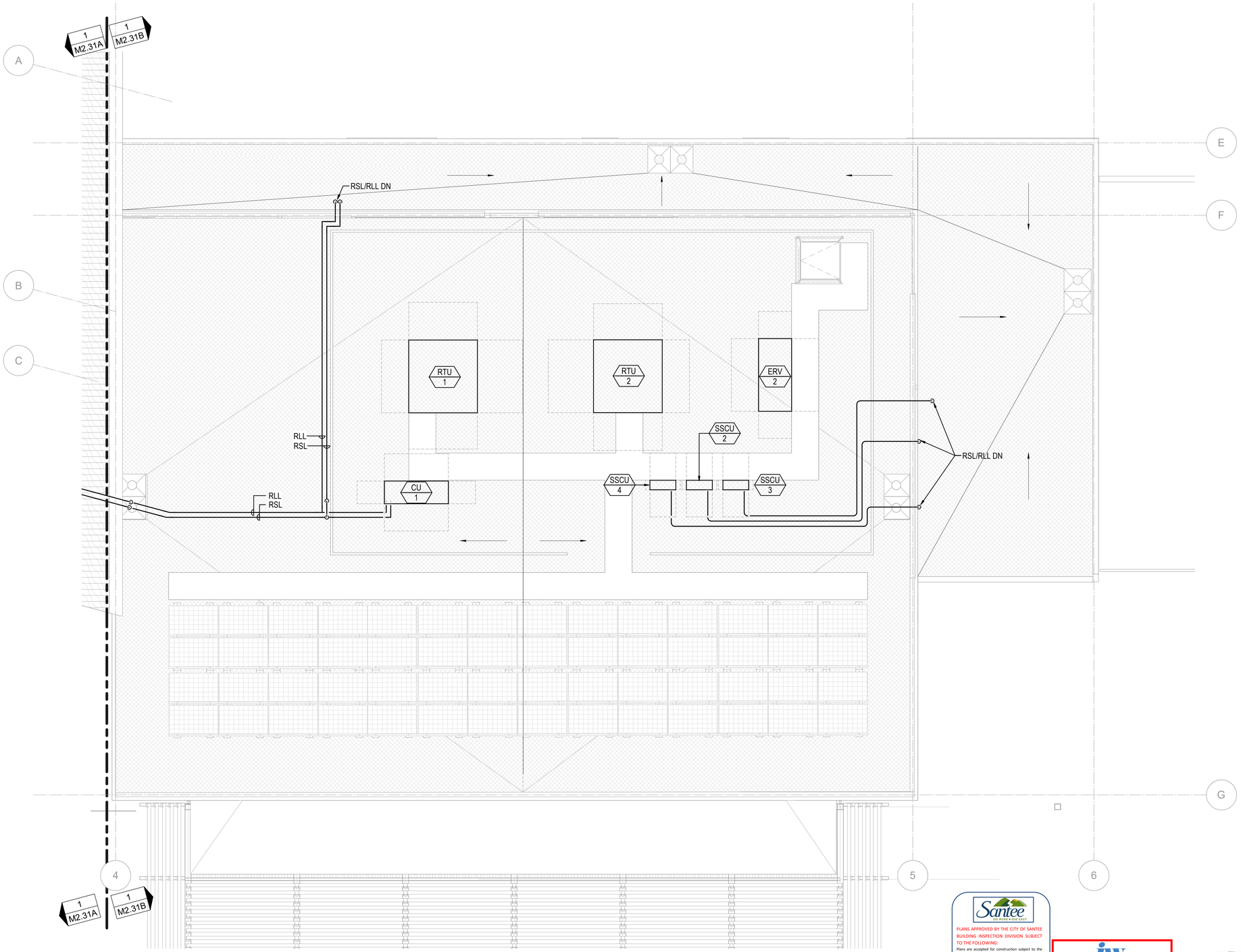
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: MP2.21A
SHEET 190 OF 29

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Keynotes:

1. REFER TO PLUMBING PLANS SHEET P2.11B FOR RTU CONDENSATE PIPING.

Notes:

1 COORDINATE ALL SHUTDOWNS WITH BUILDING FACILITIES, OWNER, AND TENANTS.

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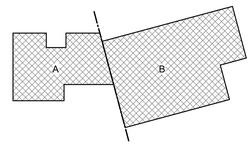
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KEY PLAN:



Santee
DO MORE • DOE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C NEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SantaGo! COMPANY
Approved
08/01/2025 3:22:15 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - MECHANICAL ROOF - SEG B. - PIPING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% Construction Documents 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

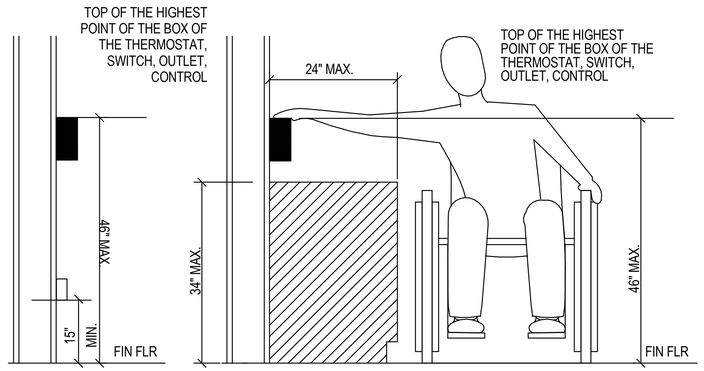
DRAWING NO.: MP2.31B
SHEET 191 OF 29

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
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100% CONSTRUCTION DOCUMENTS - 08/25/2023

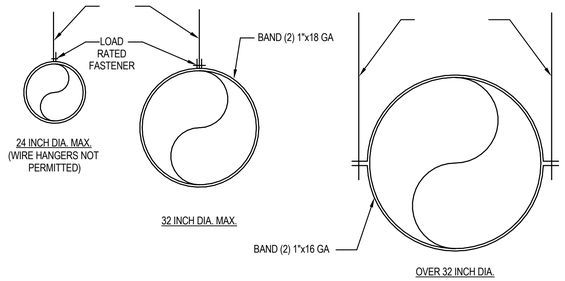


MOUNTING HEIGHT

MOUNTING HEIGHT OVER OBSTRUCTION

6 THERMOSTAT MOUNTING HEIGHT DETAIL

SCALE: #

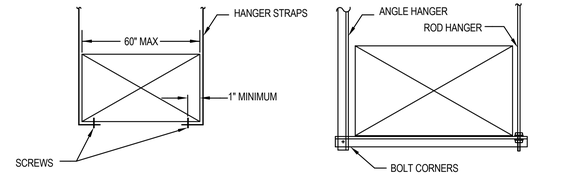


NOTES:

1. FOR HANGERS SIZE AND SPACING, SEE CURRENT SMACNA HVAC DUCT CONSTRUCTION STANDARDS TABLE 5-2.
2. FOR UPPER ATTACHMENT TO BUILDING, SEE CURRENT SMACNA HVAC DUCT CONSTRUCTION STANDARDS FIG 5-1 AND FIG 5-2 WITH SPECIFIC BUILDING STRUCTURAL ENGINEER APPROVAL.
3. FOR BRACING AND OTHER SEISMIC REQUIREMENTS, SEE GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS PUBLISHED BY SMACNA AND PPIC AS APPROVED BY CALIFORNIA CODE OF REGULATIONS (CCR), AND TITLE-24. ALSO REFER TO LATEST VERSION OF NATIONAL UNIFORM SEISMIC INSTALLATION GUIDELINES (NUSIG).
4. STRAPS ARE GALVANIZED STEEL, RODS ARE UNCOATED OR GALVANIZED STEEL.
5. PROVIDE MAX 6 FT SPACING FOR DUCT HANGERS.

4 HORIZONTAL ROUND DUCT SUPPORTS

SCALE: #



STRAP HANGERS

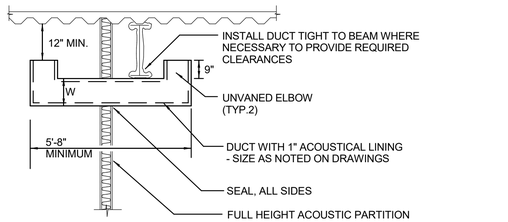
TRAPEZE HANGERS

NOTES:

1. FOR HANGERS SIZE AND SPACING, SEE CURRENT SMACNA HVAC DUCT CONSTRUCTION STANDARDS TABLE 5-1 REFERENCED ON THIS SHEET.
2. DUCTS SHALL BE BRACED AND GUYED TO PREVENT LATERAL OR HORIZONTAL SWING PER UMC 603.2.5. FOR BRACING AND OTHER SEISMIC REQUIREMENTS, SEE GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS PUBLISHED BY SMACNA AND PPIC AS APPROVED BY CALIFORNIA CODE OF REGULATIONS (CCR), AND TITLE-24. ALSO REFER TO LATEST VERSION OF NATIONAL UNIFORM SEISMIC INSTALLATION GUIDELINES (NUSIG).
3. STRAPS ARE GALVANIZED STEEL, RODS ARE UNCOATED OR GALVANIZED STEEL.
4. PROVIDE MAX 6 FT SPACING FOR DUCT HANGERS.

2 TYPICAL HORIZONTAL RECTANGULAR DUCT SUPPORTS

SCALE: #



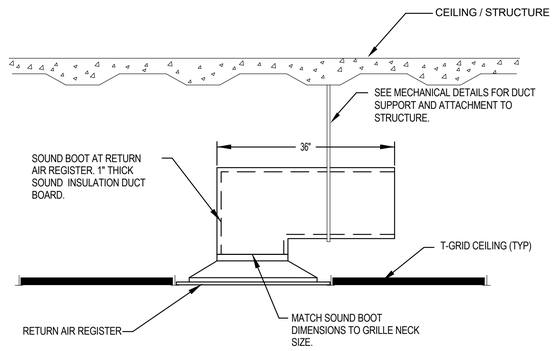
NOTES:

1. DUCT SIZE IS BASED ON CFM; SIZED PER CHART.

SIZING CHART (U.O.N.)		
NO.	CFM RANGE	SIZE (IN)
TD-1	UP TO 430	14"Ø OR 12x12
TD-2	431 TO 550	16"Ø OR 18x12
TD-3	551 TO 700	18"Ø OR 24x12
TD-4	701 TO 870	20"Ø OR 30x12
TD-5	871 TO 1250	24"Ø OR 30x16
TD-6	1251 TO 1700	28"Ø OR 34x20
TD-7	OVER 1700	32"Ø OR 36x26

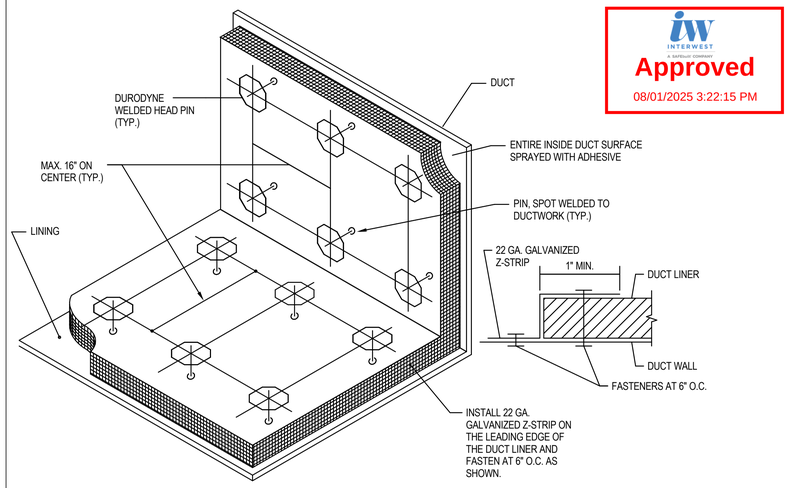
5 TRANSFER DUCT DETAIL

SCALE: #



3 RETURN AIR SOUND BOOT DETAIL

SCALE: #



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08/01/2025 3:22:15 PM

1 DUCT LINING INSTALLATION

SCALE: #

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP. 09/30/26 MECHANICAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 12" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: M5.01

SHEET 192 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL DETAILS (#1 OF 5)

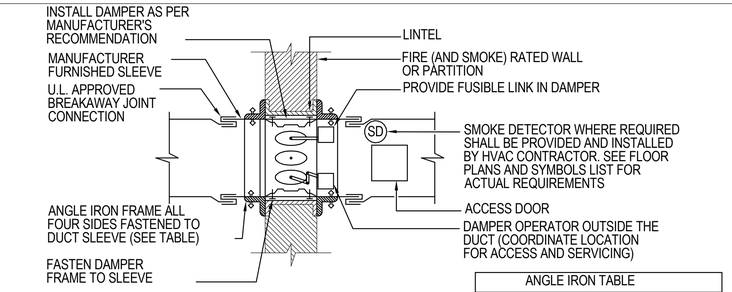
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Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

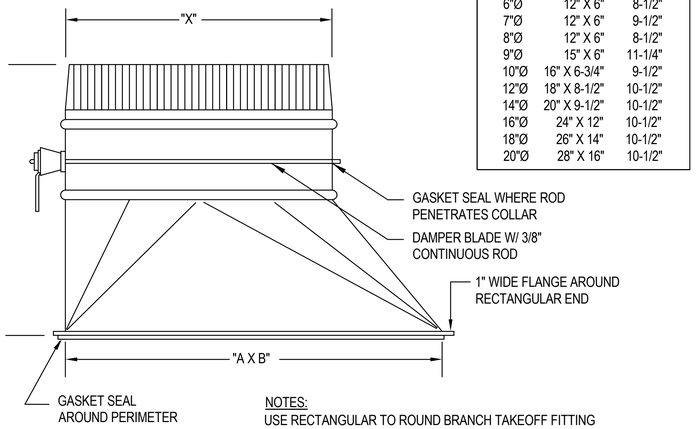


NOTES:
1. DETAIL SHOWN ARE FOR COMBINATION FIRE AND SMOKE DAMPERS IN HORIZONTAL DUCTWORK. FOR DAMPERS IN VERTICAL DUCTWORK, DETAIL IS SIMILAR.
2. ACCESS DOOR IS SHOWN INSIDE OF DUCT.
3. DETAIL FOR SMOKE DAMPER SHALL BE SIMILAR TO COMBINATION DAMPER, EXCEPT DELETE FUSIBLE LINK IN DAMPER.
4. THIS DETAIL IS FOR GUIDE ONLY. INSTALL DAMPER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
5. DAMPER TO BE U.L. LABELED N.F.P.A. 90A AND BSA APPROVED.

ANGLE IRON TABLE	
WALL OPENING	ANGLE SIZE
UP TO 54"	1 1/2" x 1 1/2" x 1/8"
55" TO 84"	3" x 2" x 3/16"
85" TO 120"	3" x 2" x 3/16"

NOTE:
RETAINING ANGLES MUST LAP STRUCTURAL OPENING 1" MIN. AND COVER CORNERS OF OPENINGS.

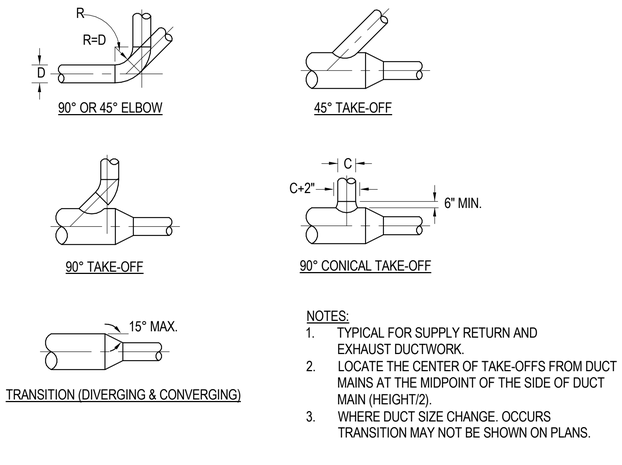
5 COMBINATION FIRE/SMOKE DAMPER W/FUSIBLE LINK
SCALE: #



"X"	"A X B"	"H"
5"Ø	10" X 5"	8-1/2"
6"Ø	12" X 6"	8-1/2"
7"Ø	12" X 6"	9-1/2"
8"Ø	12" X 6"	8-1/2"
9"Ø	15" X 6"	11-1/4"
10"Ø	16" X 6-3/4"	9-1/2"
12"Ø	18" X 8-1/2"	10-1/2"
14"Ø	20" X 9-1/2"	10-1/2"
16"Ø	24" X 12"	10-1/2"
18"Ø	26" X 14"	10-1/2"
20"Ø	28" X 16"	10-1/2"

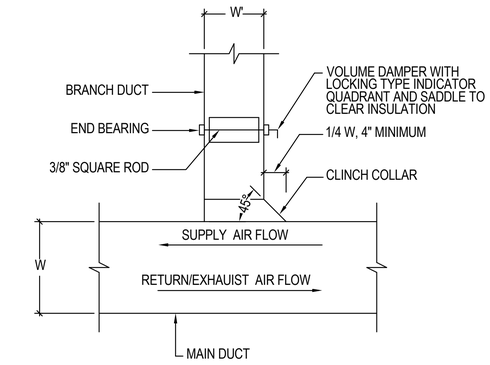
NOTES:
USE RECTANGULAR TO ROUND BRANCH TAKEOFF FITTING WHERE REQUIRED BY SPACE CONSTRAINTS AND DUCT SIZE.

4 RECTANGULAR TO ROUND TRANSITION DETAIL
SCALE: #



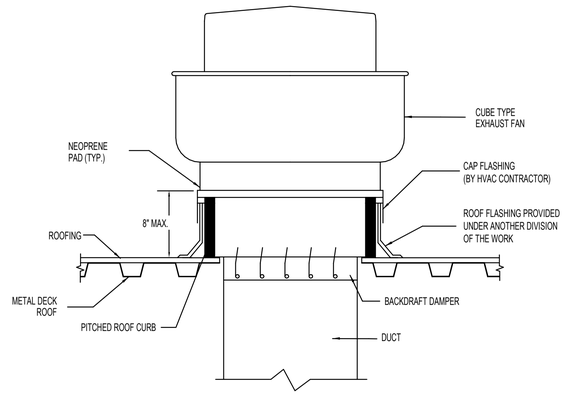
NOTES:
1. TYPICAL FOR SUPPLY RETURN AND EXHAUST DUCTWORK.
2. LOCATE THE CENTER OF TAKE-OFFS FROM DUCT MAINS AT THE MIDPOINT OF THE SIDE OF DUCT MAIN (HEIGHT/2).
3. WHERE DUCT SIZE CHANGE. OCCURS TRANSITION MAY NOT BE SHOWN ON PLANS.

2 ROUND DUCT FITTINGS
SCALE: NONE

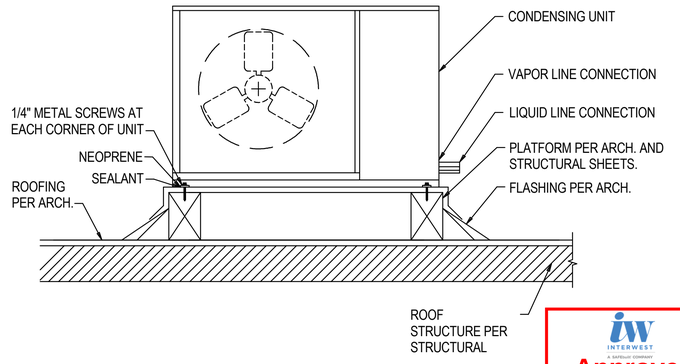


NOTES:
1. USE FOR SYMBOL, WHERE BRANCH DUCT AIR QUANTITY IS LESS THAN 1000 CFM.
2. NOT TO BE USED AS SUBSTITUTE FOR ELBOW.
3. BRANCH DUCT DEPTH SHALL BE A MINIMUM OF 2" LESS THAN MAIN DUCT.

6 RECTANGULAR DUCT TAP WITH VOLUME DAMPER
SCALE: #



3 ROOFTOP FAN DETAIL
SCALE: #



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A RATHSOUR COMPANY
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1 ROOF MOUNTED CONDENSING UNIT DETAIL
SCALE: NONE

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

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SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 12" = 1'-0"	GA	JS	RE
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
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REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: M5.02

SHEET 193 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL DETAILS (#2 OF 5)

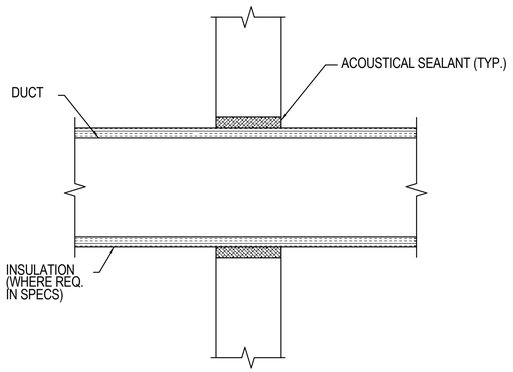
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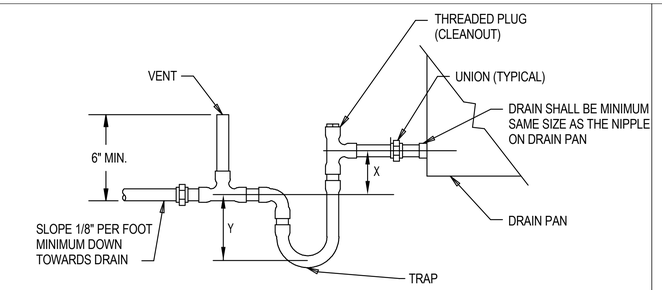
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NOTES.
1. ALL DUCT, PIPE AND CONDUIT PENETRATIONS SHALL BE SEALED AIRTIGHT OF THE WALLS OF NOISE-SENSITIVE
   1.1. SPACES.
   1.2. INDIVIDUALLY SLEEVE PARTITIONS.
   1.3. CUT WITH 1/2" CLEARANCE IN SLAB-TO-SLAB PARTITIONS.
   1.4. LIGHTLY PACK THE RESULTING CLEARANCE WITH 2.5 PCF INSULATION.
   SEAL WITH NON-HARDENING ELASTOMERIC SEALANT.

DUCT PENETRATION THROUGH WALL

6 SCALE: #



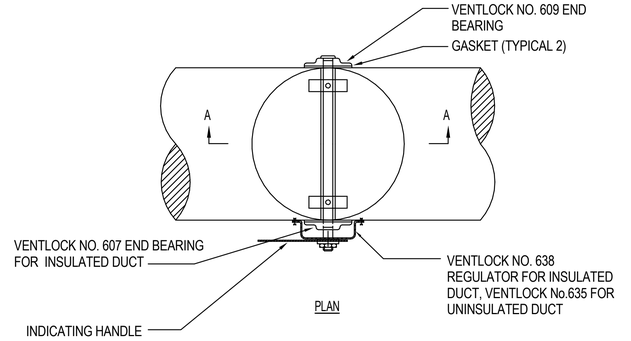
BLOW THROUGH COIL	DRAW THROUGH COIL	TSP=TOTAL STATIC PRESSURE
1. X=1"	1. X=TSP+1"	INSIDE DRAIN PLENUM
2. Y=TSP+1"	2. Y=1/2(TSP+1")	(INCHES OF WATER)

NOMINAL TONS	DRAIN LINE SIZE (IN.)
UP TO 20	3/4
21 TO 40	1
41 TO 90	1-1/4

NOTE
1. CONDENSATE TRAP SIZES REFERENCED ABOVE ARE BASED ON THE UNITS SPECIFIED IN THE MECHANICAL SCHEDULES. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING CALCULATIONS FOR ANY ALTERNATIVE UNITS
2. WHERE VERTICAL SPACE DOES NOT PERMIT TRAP INSTALLATION ABOVE FLOOR SLAB, EXTEND P-TRAP TO BELOW SLAB.
3. INDOOR AND OUTDOOR PROVIDE INSULATED DRAIN LINE.

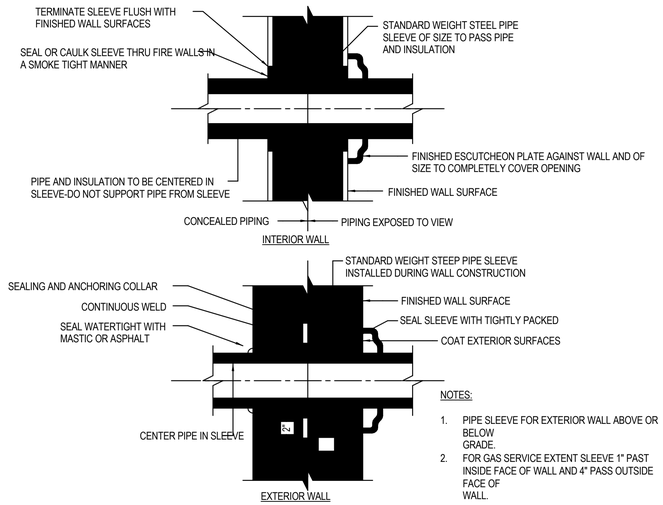
CONDENSATE DRAIN TRAP DETAIL

4 SCALE: #



ROUND VOLUME DAMPER (MAX 14" DIA LOW PRESSURE)

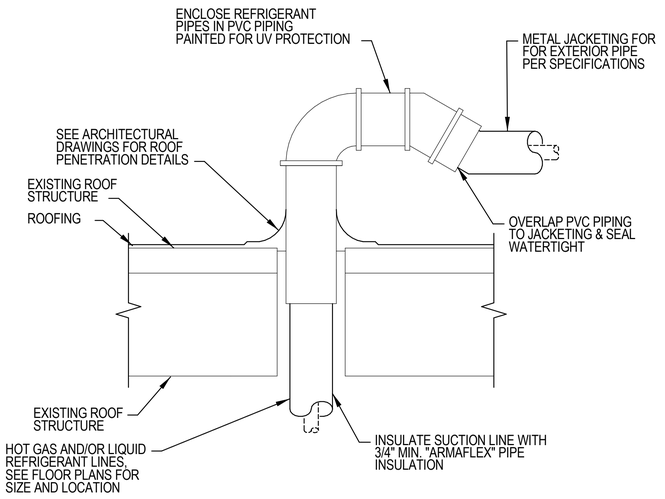
2 SCALE: #



NOTES:
1. PIPE SLEEVE FOR EXTERIOR WALL ABOVE OR BELOW GRADE.
2. FOR GAS SERVICE EXTENT SLEEVE 1" PAST INSIDE FACE OF WALL AND 4" PASS OUTSIDE FACE OF WALL.

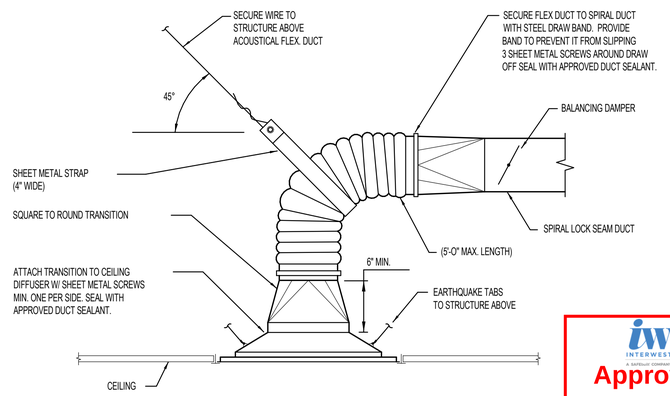
PIPE SLEEVE THRU WALL

5 SCALE: #



REFRIGERANT PIPING THROUGH ROOF DETAIL

3 SCALE: #



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08/01/2025 3:22:15 PM

CEILING DIFFUSER CONNECTION

1 SCALE: #

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 Exp. 09/30/26 MECHANICAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: M5.03

SHEET 194 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL DETAILS (#3 OF 5)

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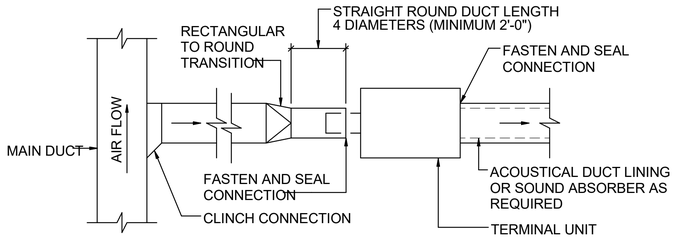
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Keynotes:

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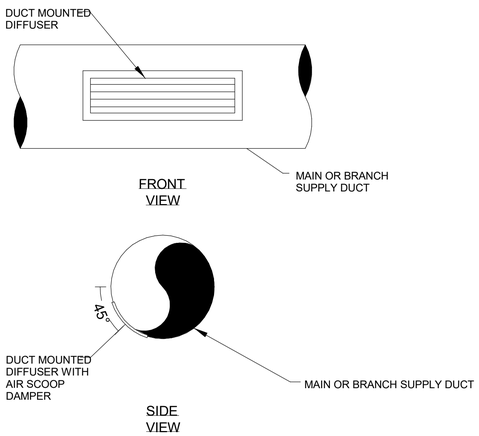
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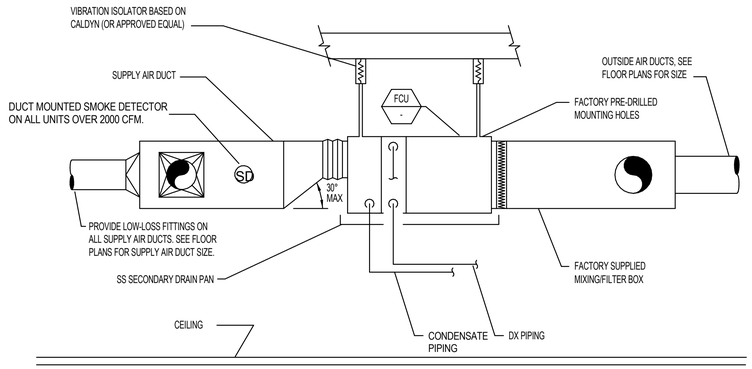


NOTES:
1. THE OPERATION OF TERMINAL UNITS ARE AFFECTED BY EXCESSIVE TURBULENCE ON THE ENTERING SIDE OF EACH TERMINAL UNIT. THEREFORE, TERMINAL UNITS MUST NOT BE INSTALLED TOO CLOSE TO MAIN DUCTS, ELBOWS AND FITTINGS.
2. MANUFACTURER OF TERMINAL UNIT SHALL PROVIDE CONTROLS ON LEFT OR RIGHT SIDE, AS REQUIRED BY FIELD CONDITIONS.
3. ARRANGE ACCESS TO PERMIT EASY FIELD BALANCE AND MAINTENANCE OF TERMINAL UNIT.
4. APPLICABLE FOR VARIABLE AIR VOLUME BOXES (VAV) AND FAN POWERED BOXES (FPB).

6 TERMINAL UNIT INSTALLATION (PLAN VIEW)
SCALE: #

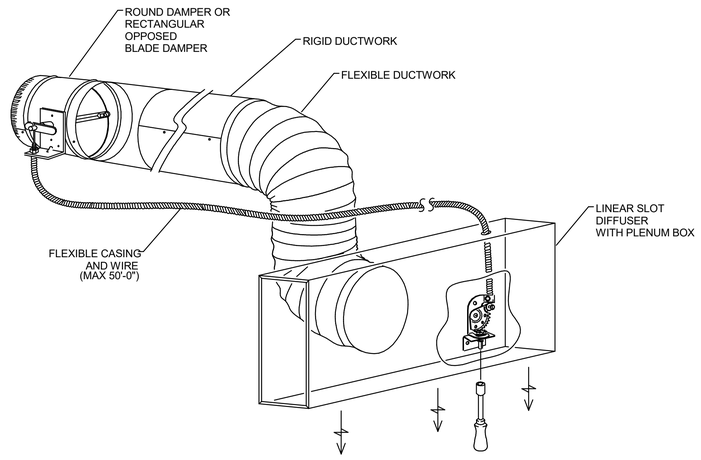


4 DUCT MOUNTED REGISTER DETAIL
SCALE: #

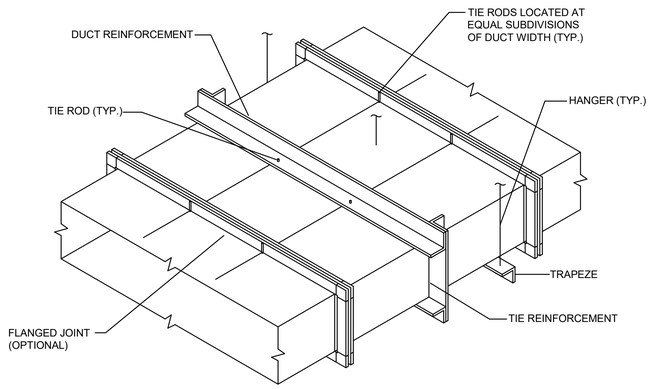


NOTES:
1. PROVIDE STAINLESS STEEL DRAIN PAN, FACTORY MOUNTED DISCONNECT SWITCH, DRAIN PAN OVERFLOW CONDENSATE SWITCH.
2. ENSURE OUTSIDE AIR IS CONNECTED DIRECTLY TO THE MIXING BOX. PROVIDE CAR-II LP CONSTANT AIRFLOW REGULATOR. VOLUME DAMPERS SHALL NOT BE ACCEPTED. ENSURE MIXING BOX IS PROVIDED WITH 1" ACOUSTICAL LINING.
3. PROVIDE 1" ACOUSTICAL LINING ON SUPPLY DUCT FOR FIRST 15'.
4. SEE SCHEDULE FOR OUTSIDE AIR QUANTITY.

2 DUCTED FAN COIL DETAIL
SCALE: #

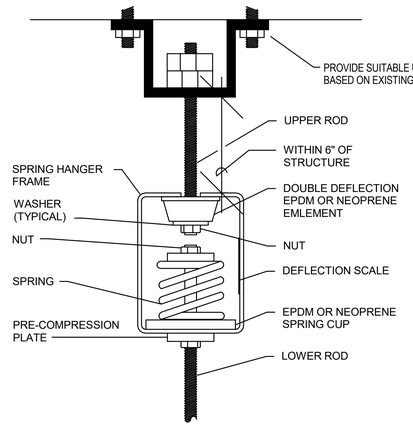


5 REMOTE DAMPER ACTUATOR DETAIL
SCALE: #



NOTES:
1. REFER TO SMACNA HANDBOOK FOR SIZING DETAILS.

3 DUCT STRENGTHENING DETAIL
SCALE: #



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NOTES:

1. TYPICAL SPRING & NEOPRENE IN SERIES ISOLATOR DETAIL. OTHER TYPES OF VIBRATION ISOLATORS ARE SIMILAR.

2. THE SPRING SHALL BE PRE-COMPRESSED SO THAT WHEN PROPERLY INSTALLED AND LOADED, THE SPRING IS ADJUSTED TO THE MID-POINT OF THE DEFLECTION SCALE.

3. PROVIDE SPRING AND NEOPRENE ISOLATORS FOR FCU/AHU UNITS WITH MINIMUM 1/2-INCH STATIC DEFLECTION.

1 SPRING AND NEOPRENE ISOLATION HANGER
SCALE: #

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

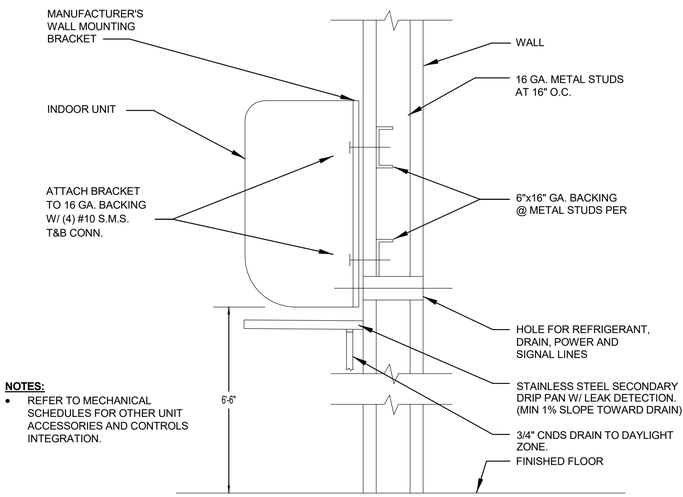
CITY W.O. NO.: CIP 2018-31

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SHEET 195 OF 294

Keynotes:

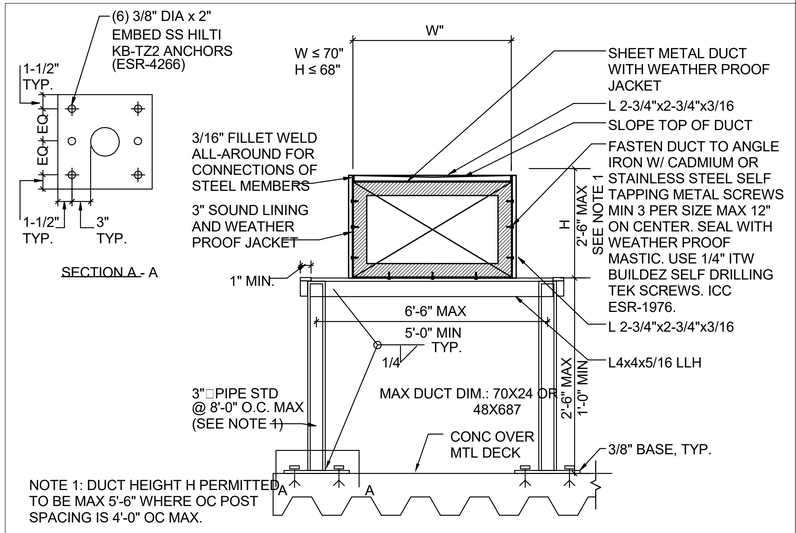
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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Permit # B-C**NEW-23-0009**
Reviewed by: ASa**dre**
Date: **Aug 22, 2025**

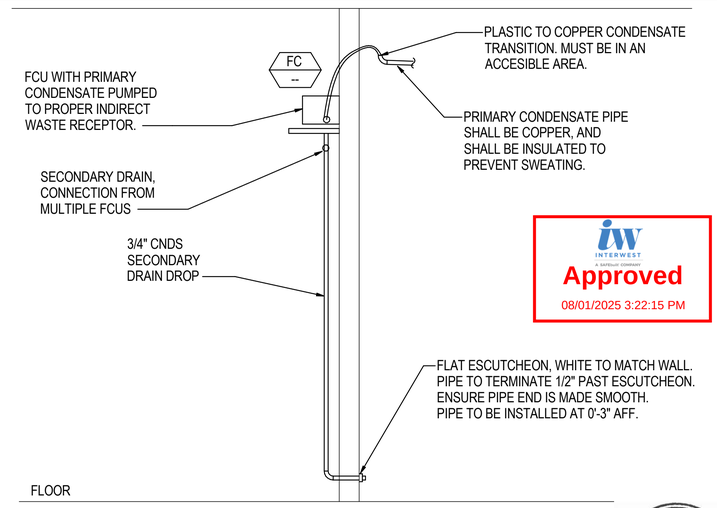


NOTES:
- REFER TO MECHANICAL SCHEDULES FOR OTHER UNIT ACCESSORIES AND CONTROLS INTEGRATION.

2 DUCTLESS FAN COIL UNIT
SCALE: #



3 ROOF MOUNTED DUCT SUPPORTS AND INSULATION
SCALE: #



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1 SECONDARY DRAIN CONDENSATE DAYLIGHT
SCALE: #

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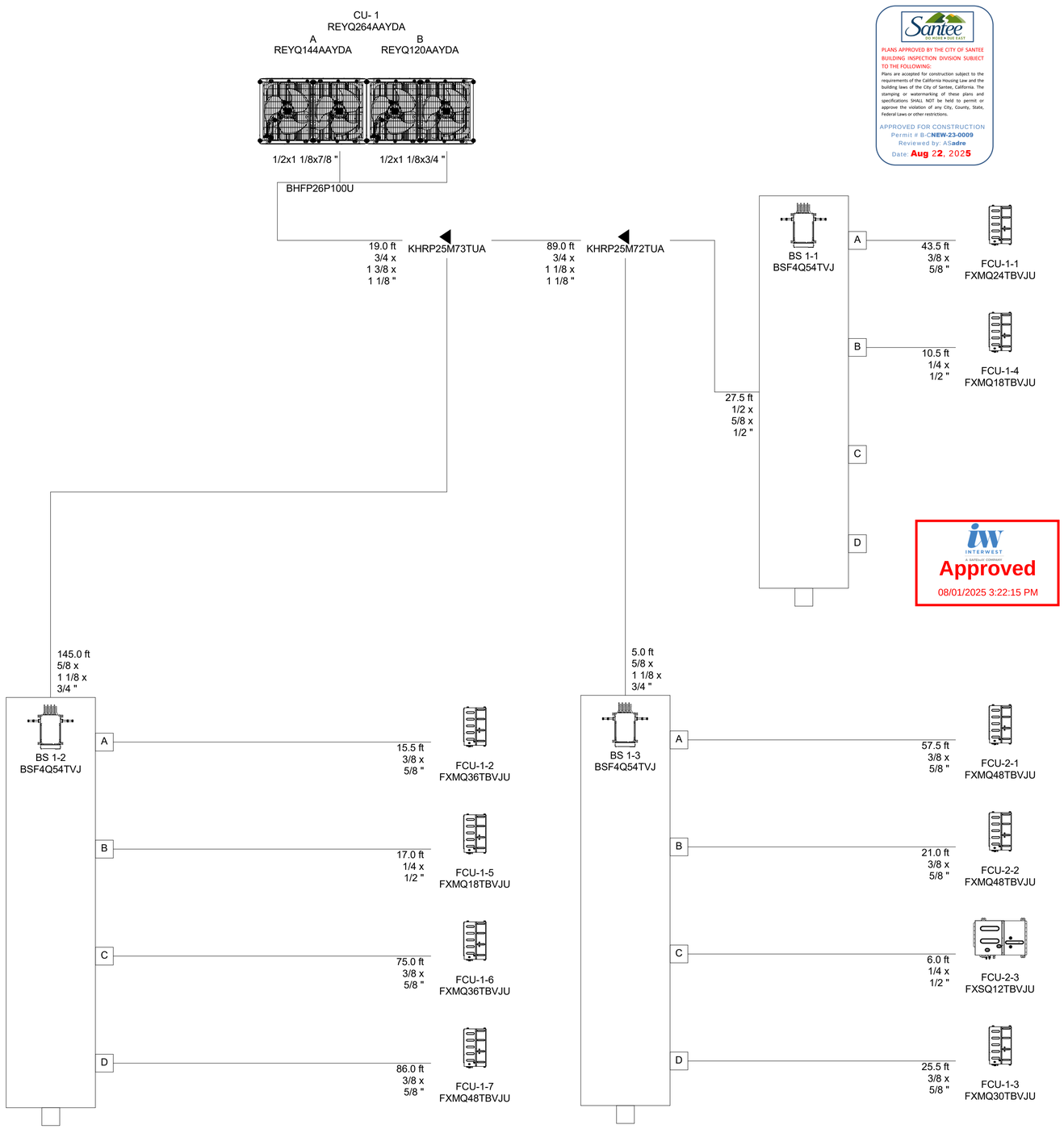
SANTEE COMMUNITY CENTER - MECHANICAL DETAILS (#5 OF 5)

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1 CU-1 VRF PIPING DIAGRAM

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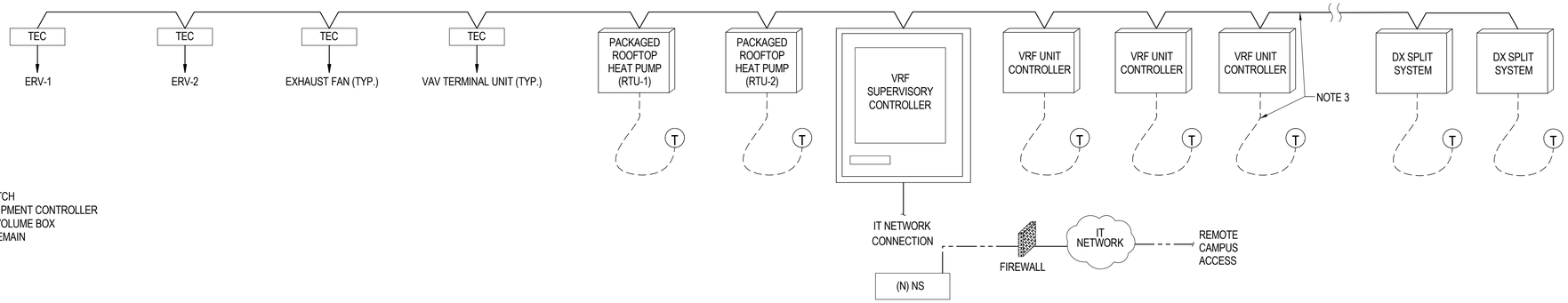
SHEET 197 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL PIPING DIAGRAMS

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ABBREVIATIONS:

FCU	FAN COIL UNIT
NS	NETWORK SWITCH
TEC	TERMINAL EQUIPMENT CONTROLLER
VAV	VARIABLE AIR VOLUME BOX
(E)	EXISTING TO REMAIN
(N)	NEW
GW	GATEWAY

LEGEND

TEC — TERMINAL EQUIPMENT CONTROLLER

NS — NETWORK SWITCH

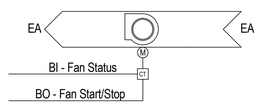
BACNET MSTP

ETHERNET/CAT 6

NOTES:

1. REFER TO MECHANICAL SCHEDULES AND PLANS FOR QUANTITY AND LOCATION OF MECHANICAL EQUIPMENT.
2. OWNER SHALL BE ABLE TO RECEIVE REMOTE READ/WRITE MONITORING CAPABILITY OF BUILDING HVAC SYSTEMS. COORDINATE WITH OWNER FOR ADDITIONAL MONITORING AND CONTROL REQUIREMENTS.
4. PROVIDE A CENTRAL TOUCH PANEL SUPERVISORY CONTROLLER FOR THE VRF CONTROL MANAGEMENT SYSTEM.
5. PROVIDE GATEWAYS AS NECESSARY FOR INTEGRATION OF 3RD PARTY EQUIPMENT TO VRF CONTROL MANAGEMENT SYSTEM.
6. ALL THE CORRESPONDING VRF CONTROL MANAGEMENT SYSTEM LOW VOLTAGE WIRING TO BE PROVIDED BY BMS CONTRACTOR.
7. VRF CONTRACTOR TO PROVIDE ALL NECESSARY EQUIPMENT TO CONNECT TO ALL THE INDOOR AND OUTDOOR UNITS PERTAINING TO VRF SYSTEM AS WELL AS ALL HVAC EQUIPMENT IN THE BUILDING.
8. PROVIDE DAIKIN TURNTIDE MANAGEMENT TECHNOLOGY FOR CLOUD BUILDING MANAGEMENT.

1 VRF BMS ARCHITECTURE DIAGRAM



EXHAUST FAN SEQUENCE OF OPERATIONS

RUN CONDITIONS:
THE FAN SHALL RUN ACCORDING TO THE BUILDING'S DEFINABLE SCHEDULE.
FAN STATUS:
THE BMS SHALL MONITOR THE FAN STATUS.
ALARMS:
THE FOLLOWING ALARMS SHALL BE GENERATED AT THE BMS:
- FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.
- FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON.

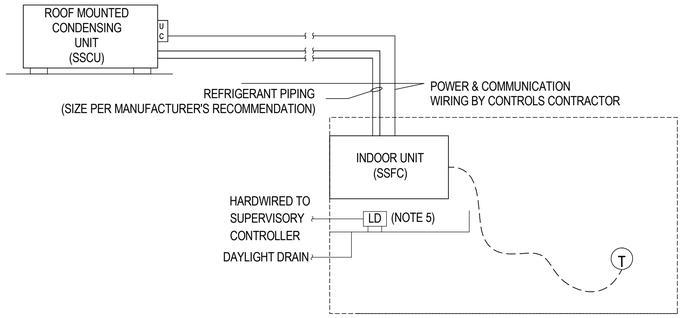
EXHAUST FAN - POINTS LIST

CONTROL POINT DESCRIPTION	HARDWARE POINTS				SOFTWARE POINTS					
	DI	DO	AI	AO	AV	DV	TREND	INTERVAL	DESCRIPTION	NOTES
START / STOP		X					X	COV		
STATUS	X						X	COV		ALARM ON FAIL (SOFTWARE POINT)
SCHEDULE					X				BUILDING OCCUPIED HOURS	

3 TYPICAL SCHEDULED EXHAUST FAN CONTROL DIAGRAM (EF-1, EF-2, EF-3)

NOTES:

1. BMS CONTRACTOR TO PROVIDE ALL CONTROL WIRING/EQUIPMENT AND PROVIDE FIELD WIRING IN CONDUIT FOR SSCU AND SSFC.
2. PROVIDE UNIT THERMOSTAT IN ELECTRICAL/IT ROOMS.
3. WHENEVER THE ROOM TEMPERATURE RISES ABOVE 78F (ADJUSTABLE), AN ALARM SHALL BE ANNUNCIATED AT THE BMS.
4. BMS CONTRACTOR SHALL PROVIDE WIRING BETWEEN INDOOR UNIT AND SPACE THERMOSTAT.
5. BMS CONTRACTOR TO PROVIDE A ROPE STYLE LEAK DETECTOR IN SECONDARY DRAIN PAN. AN ALARM SHALL ANNUNCIATE AT THE FRONT END WHEN MOISTURE IS DETECTED IN THE SECONDARY DRAIN PAN.
6. INDOOR UNITS SHALL CONTINUE TO OPERATE IN THE EVENT OF A CONDENSATION ALARM FROM THE MOISTURE SENSOR.



HARDWARE POINTS LIST

ID NO.	CONTROL POINT DESCRIPTION	HARDWARE POINTS				SOFTWARE POINTS			NOTES
		DI	DO	AI	AO	TREND	INTERVAL	DESCRIPTION	
LD-01	LEAK DETECTOR	X				X	COV		

FAN COIL MANUFACTURER INTEGRATION - POINTS LIST

Object Type	Object Name	Alarm	Alarm Setpoint	Trend	Repository Enabled
Commandable Points	Drive OFF/ON Setup				
	Setpoint			COV	X
	Mode Setup				
	Fan Speed Setup				
	Air Direction Setup				
	Temperature Units				
Monitor Only Points	Drive OFF/ON State				
	Mode State				
	Fan Speed State				
	Air Direction State				
	Inlet Temperature	X	>78 FOR 5 MINUTES	15 MIN.	X
	Fault Code			COV	X
	Leak Detection	X	COV 5 MINUTE DELAY	COV	X

SEQUENCE OF OPERATIONS

A. TELECOM ROOM
   1. INDOOR UNITS #1 & #2 SHALL OPERATE CONTINUOUSLY TO MAINTAIN SPACE TEMPERATURE SETPOINT OF 74°F (ADJ.).
   2. ON FAILURE OF AN INDOOR UNIT AN ALARM SHALL BE ANNUNCIATED AT THE BMS.
B. ELECTRICAL ROOM
   1. INDOOR UNIT SHALL OPERATE CONTINUOUSLY TO MAINTAIN SPACE TEMPERATURE SETPOINT OF 74°F (ADJ.).
   2. ON FAILURE OF THE INDOOR UNIT AN ALARM SHALL BE ANNUNCIATED AT THE BMS.
C. ALARMS: ALARMS SHALL ANNUNCIATE THE FOLLOWING, BUT NOT LIMITED TO, AT THE BMS WORKSTATION:
   1. FAN FAILURE
   2. HIGH TEMPERATURE LIMIT
   3. FAULT
   4. MOISTURE SENSOR

2 DX SPLIT SYSTEM - CONTROLS DETAIL

Santee — DO MORE & DIG FAST

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Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

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SANTEE COMMUNITY CENTER - MECHANICAL CONTROLS (#1 OF 4)

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
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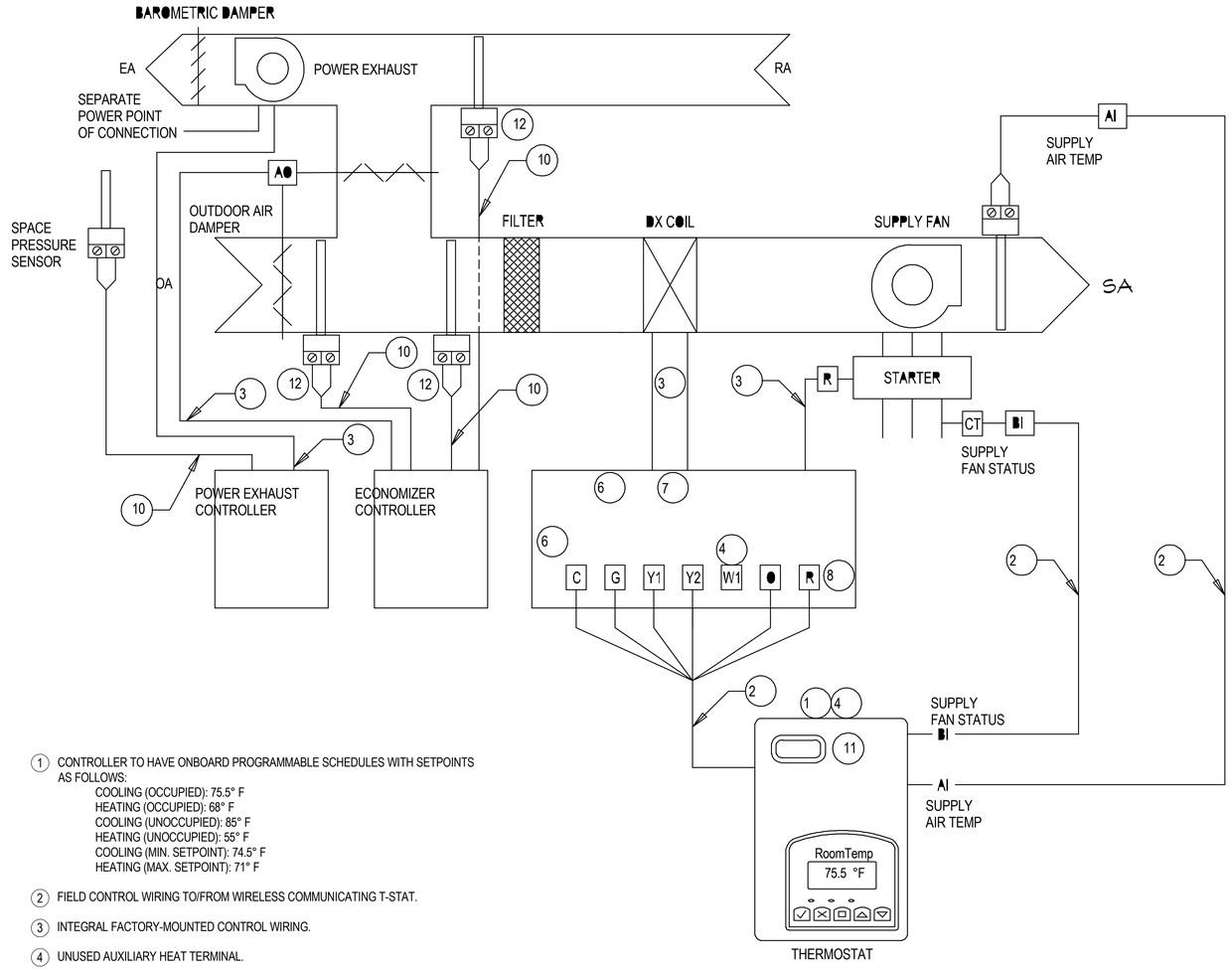
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1. CONTROLLER TO HAVE ONBOARD PROGRAMMABLE SCHEDULES WITH SETPOINTS AS FOLLOWS:
   - COOLING (OCCUPIED): 75.5° F
   - HEATING (OCCUPIED): 68° F
   - COOLING (UNOCCUPIED): 85° F
   - HEATING (UNOCCUPIED): 55° F
   - COOLING (MIN. SETPOINT): 74.5° F
   - HEATING (MAX. SETPOINT): 71° F
2. FIELD CONTROL WIRING TO/FROM WIRELESS COMMUNICATING T-STAT.
3. INTEGRAL FACTORY-MOUNTED CONTROL WIRING.
4. UNUSED AUXILIARY HEAT TERMINAL.
5. UNITS SHALL BE SCHEDULED TO OPERATE IN CONJUNCTION WITH THE BUILDING SCHEDULE, MONDAY-SUNDAY (ADJUSTABLE), WITH A STANDARD OVERRIDE MEETING THE REQUIREMENTS OF THE 2013 CEC.
6. CONNECTION TO INTEGRAL FACTORY MOUNTED ECONOMIZER CONTROL
7. CONNECTION TO INTEGRAL FACTORY MOUNTED CONTROLLER
8. TERMINAL STRIP CONNECTION
9. -
10. FIELD CONTROL WIRING
11. INTEGRAL OCCUPANCY SENSOR
12. DUCT TEMPERATURE SENSOR

1 PACKAGED ROOFTOP UNIT - CONTROLS DETAIL TYPICAL

RTU SEQUENCE OF OPERATIONS:

OCCUPIED MODE:
THE SETPOINTS WILL REVERT TO THOSE DEFINED BY OCCUPIED COOLING AND HEATING MODES. THE THERMOSTAT SHALL REVERT TO UNOCCUPIED MODE IF MOTION IS NOT DETECTED FOR 30 MINUTES (ADJUSTABLE) FROM THE INTEGRAL PASSIVE INFRARED MOTION DETECTOR. THE PROGRESSIVE RECOVERY FUNCTION WILL BRING THE ROOM TO THE OCCUPIED TEMPERATURE AT THE BEGINNING OF THE OCCUPIED PERIOD.

UNOCCUPIED MODE:
SETPOINTS WILL REVERT TO THOSE DEFINED BY UNOCCUPIED COOLING AND HEATING MODES. THE ECONOMIZER OUTSIDE AIR DAMPER WILL CLOSE COMPLETELY, OVERRIDING THE MINIMUM POSITION SETTING. HOWEVER, FREE COOLING MAY STILL BE ENABLED IF OUTDOOR TEMPERATURE IS ADEQUATE.

OCCUPIED OVERRIDE MORE:
UPON LOCAL ACTIVATION OF THE OVERRIDE BUTTON THE SYSTEM WILL REVERT TO OCCUPIED MODE FOR 1 HOUR (ADJUSTABLE).

ON A CALL FOR HEAT:
THE REVERSING VALVE WILL BE ACTIVATED.

ON A CALL FOR COOL:
THE FIRST STAGE OF COOLING WILL BE ENABLED AND THE SECOND STAGE (IF APPLICABLE) WILL ONLY BE ACTIVATED IF THE FIRST STAGE CAN NOT MAINTAIN ROOM TEMPERATURE. THE ECONOMIZER WILL AUTOMATICALLY BE ENABLED IF OUTDOOR TEMPERATURE CONDITIONS ARE ADEQUATE FOR FREE COOLING.

ECONOMIZER CONTROL:
WHENEVER THE OUTSIDE AIR TEMPERATURE IS GREATER THAN OR EQUAL TO 6°F BELOW THE RETURN AIR TEMPERATURE, THE UNIT ECONOMIZER CONTROLLER SHALL MODULATE THE OUTSIDE AIR DAMPER AND RETURN AIR DAMPER TO PROVIDE 100% OUTSIDE AIR. IF 100% OUTSIDE AIR CANNOT MAINTAIN THE SPACE TEMPERATURE SETPOINT, THE UNIT SHALL ENABLE COOLING TO MAINTAIN THE SPACE TEMPERATURE SETPOINT. THE ECONOMIZER SHALL NOT OPERATE DURING HEATING MODE. WHEN THE UNIT IS OFF OR IN UNOCCUPIED MODE THE OUTSIDE AIR DAMPER AND RELIEF DAMPER SHALL BE CLOSED AND THE RETURN AIR DAMPER SHALL BE OPEN.

POWER EXHAUST:
THE POWER EXHAUST SHALL HAVE AN ACTIVATION SWITCH ON THE ECONOMIZER AND AN INTEGRAL PRESSURE TRANSDUCER WITH REMOTE PRESSURE GAUGE LOCATED IN THE SPACE. THE POWER EXHAUST FAN SHALL BE ENERGIZED WHEN THE INDOOR FAN IS ON AND THE OUTSIDE AIR DAMPER IS MORE THAN 1% OPEN. THE UNIT SHALL MODULATE THE POWER EXHAUST TO MAINTAIN THE SPACE PRESSURE SETPOINT OD +0.05 IN. WG. (ADJUSTABLE).

DEMAND CONTROL VENTILATION:
DURING OCCUPIED MODE THE UNIT SHALL PROVIDE THE DCV MINIMUM OUTSIDE AIR FLOW RATE PER THE EQUIPMENT SCHEDULE. UPON A RISE IN CO2 LEVEL AS DETECTED BY THE WALL MOUNTED CO2 SENSOR, WHEN SPACE CO2 LEVELS ARE 400 PPM ABOVE OUTSIDE AIR LEVELS (OUTSIDE AIR CO2 LEVEL SHALL BE 400 PPM WITHOUT DIRECT MEASUREMENT). THE OUTSIDE AIR DAMPER SHALL MODULATE OPEN TO THE DESIGN OUTSIDE AIR FLOW RATE SETPOINT TO MAINTAIN CO2 LEVELS BELOW 800 PPM.

DUCT SMOKE DETECTOR
DUCT SMOKE DETECTOR, UPON SENSING SMOKE, SHALL STOP THE FAN AND DE-ENERGIZE CONTROLS THROUGH A DIRECT CIRCUIT NORMALLY CLOSED (NC) INTERLOCK CONTACTS. A SET OF NORMALLY OPEN (NO) CONTACTS WILL CLOSE, TO SIGNAL THE FIRE ALARM SYSTEM. SEE SCHEDULES FOR UNITS REQUIRING A DUCT SMOKE DETECTOR.

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Reviewed by: ASadre
Date: Aug 22, 2025

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LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP 09/30/26
MECHANICAL
STATE OF CALIFORNIA

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SANTEE COMMUNITY CENTER - MECHANICAL CONTROLS (#2 OF 4)

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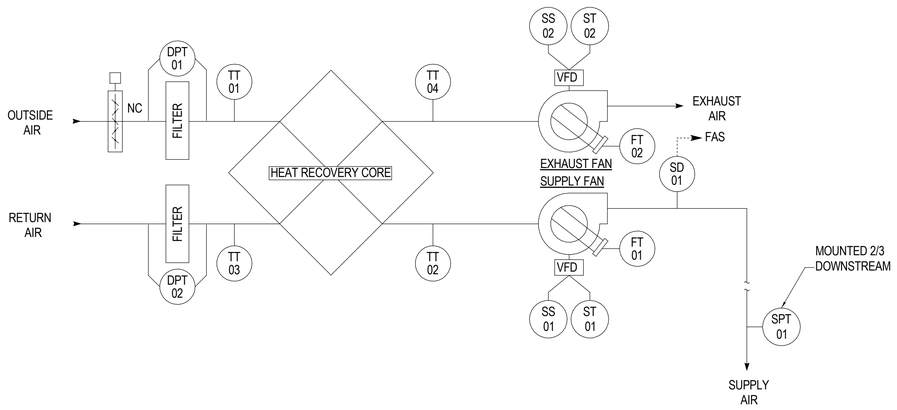
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ENERGY RECOVERY VENTILATOR - SEQUENCE OF OPERATIONS:

A. GENERAL:
   1. THE ENERGY RECOVERY UNIT IS PROVIDED FROM THE FACTORY WITH AN INTEGRAL CONTROL CENTER INCLUDING: A SINGLE NON-FUSED DISCONNECT, 24 VAC TRANSFORMER, TERMINAL STRIP AND FAN VFDS.
   2. WITHIN THE UNIT CONTROL CENTER, A DIGITAL SIGNAL IS TO BE FIELD WIRED INTO THE TERMINAL STRIP (CONNECTING TERMINALS R AND G) TO CONTROL UNIT STARTUP OR SHUTDOWN.
   3. SYSTEM SHALL BE STARTED AND STOPPED FROM THE BMS SYSTEM. BMS SHALL INTERLOCK ERVS UNIT WITH ALL DOWNSTREAM UNITS, SUCH THAT IF ANY DOWNSTREAM UNIT IS OCCUPIED, OR CALLING FOR OUTSIDE AIR, THE ERV UNIT SHALL BE ASSIGNED AS OCCUPIED.
   4. SYSTEM OPERATES AS A VARIABLE AIR VOLUME UNIT.
   5. PRESSURE MONITORING OF OUTSIDE AND RETURN AIR FILTERS.
   6. SUPPLY FAN VFD, NORMALLY OFF.
   7. EXHAUST FAN VFD, NORMALLY OFF.
   8. TIME-OF-DAY SCHEDULE: HVAC SYSTEMS SHALL OPERATE AUTOMATICALLY BY A TIME SIGNAL FROM THE BMS. OCCUPIED/UNOCCUPIED ADJUSTABLE TIME DURATIONS SHALL BE SET AT THE BMS WORKSTATION BUT BE RESIDENT IN THE LOCAL DDCP FOR OPERATION.
   9. FAS SHUTDOWN SIGNAL, DRY CONTACT

B. SYSTEM OFF: (UNOCCUPIED CYCLE)
   1. WHEN THE SYSTEM IS OFF, ALL ASSOCIATED CONTROLLED DEVICES WILL BE IN THEIR NORMAL POSITION AS STATED ABOVE.

C. SYSTEM ON: (OCCUPIED CYCLE)
   1. WHEN SYSTEM IS COMMANDED ON VIA BMS, THE OUTSIDE AIR DAMPER SHALL OPEN AND THE SUPPLY AND EXHAUST FANS SHALL START.

D. FAN SPEED CONTROL:
   1. DUCT STATIC PRESSURE SENSOR (LOCATED 2/3 DOWNSTREAM) SHALL MODULATE THE SUPPLY FAN SPEED TO MAINTAIN A CONSTANT DUCT STATIC PRESSURE AT SETPOINT DETERMINED DURING TAB (ADJ.).
   2. EXHAUST FAN SHALL MODULATE TO MAINTAIN A 200 CFM (ADJ.) NEGATIVE OFFSET FROM SUPPLY FAN FLOW USING LINEAR SPEED MATCHING DETERMINED DURING TAB.

F. SAFETIES
   5. DUCT MOUNTED SMOKE DETECTOR (SD) SHALL BE FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR. DUCT DETECTOR TO BE INSTALLED BY MECHANICAL CONTRACTOR, WHENEVER SMOKE IS DETECTED IN THE COMMON SUPPLY OR EXHAUST DUCT, THE UNIT SHALL STOP.
   6. HIGH AND LOW PRESSURE SWITCHES (PSH, PSL) SHALL BE WIRED TO THE SUPPLY FAN AND EXHAUST FAN MOTOR STARTERS TO STOP THE FANS WHENEVER DUCT PRESSURE DROPS BELOW OR EXCEEDS THEIR SETTINGS (ADJ.). ALARMS SHALL ANNUNCIATE AT THE BMS CONTROL CONSOLE. MANUAL RESET SHALL BE PROVIDED FOR ALL HIGH AND LOW PRESSURE SWITCHES (PSH, PSL).

G. FILTER MONITORING:
   1. THE FILTERS SHALL BE MONITORED BY DIFFERENTIAL PRESSURE TRANSMITTERS. ON INDICATION OF A "CHANGE FILTER" CONDITION A MAINTENANCE ALARM SHALL BE SENT TO THE BMS. THE BMS GRAPHICS SHALL INDICATE ACTUAL DIFFERENTIAL PRESSURE AND FIELD ADJUSTABLE SETPOINT THAT IS DEFAULTED TO THE FILTER SCHEDULE SETTING.

H. SYSTEM RESTART:
   1. AFTER A SYSTEM SHUTDOWN DUE TO A POWER OUTAGE, THE UNIT CONTROLS SHALL AUTOMATICALLY WHEN NORMAL POWER IS RESTORED.
   2. ALL ALARMS ASSOCIATED WITH THE UNIT SHALL BE SUPPRESSED DURING A LOSS OF POWER CONDITION.

I. ALARMS:
   1. TYPICAL ALARMS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING, SHALL BE ANNUNCIATED AT THE BMS SYSTEM:
      a. HIGH AND LOW STATIC PRESSURE ALARMS VIA PSH, PSL.
      b. DIRTY FILTER ALARM.
      c. ALL ANALOG, OFF NORMAL, HI/LOW LIMITS.
      d. SUPPLY FAN AND EXHAUST FAN FAILURE (COMMAND / STATUS MISMATCH, AFTER A 30 SECOND DELAY, ADJ.)

ENERGY RECOVERY VENTILATOR - POINTS LIST

CONTROL POINT DESCRIPTION	HARDWARE POINTS				SOFTWARE POINTS						NOTES
	DI	DO	AI	AO	AV	DV	TREND	INTERVAL	ALARM	DESCRIPTION	
START/STOP - UNIT		X					X	COV			CONNECTING TERMINALS R AND G
STATUS - SF	X						X	COV			CONTRACTOR PROVIDED CURRENT SENSOR
FAN SPEED CONTROL - SF			X				X	15 MIN.			0-10 VDC SIGNAL WIRED INTO FACTORY MOUNTED VFD
STATUS - EF	X						X	COV			CONTRACTOR PROVIDED CURRENT SENSOR
FAN SPEED CONTROL - EF			X				X	15 MIN.			0-10 VDC SIGNAL WIRED INTO FACTORY MOUNTED VFD
SUPPLY AIR TEMPERATURE					X		X	15 MIN.			CONTRACTOR PROVIDED
RETURN AIR TEMPERATURE					X		X	15 MIN.			CONTRACTOR PROVIDED
OUTSIDE AIR TEMPERATURE					X		X	15 MIN.			CONTRACTOR PROVIDED
EXHAUST AIR TEMPERATURE					X		X	15 MIN.			CONTRACTOR PROVIDED
SUPPLY AIR FLOW RATE					X		X	15 MIN.			MANUFACTURER PROVIDED
EXHAUST AIR FLOW RATE					X		X	15 MIN.			MANUFACTURER PROVIDED
DUCT STATIC PRESSURE					X		X	15 MIN.			CONTRACTOR PROVIDED
OUTDOOR FILTER PRESSURE					X		X	15 MIN.	X	MAINTENANCE ALARM	MANUFACTURER PROVIDED
RETURN FILTER PRESSURE					X		X	15 MIN.	X	MAINTENANCE ALARM	MANUFACTURER PROVIDED

1 ENERGY RECOVERY VENTILATOR - CONTROLS DETAIL
TYPICAL

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B/CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A RATECHNIK COMPANY
Approved
08/01/2025 3:22:15 PM

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP 09/30/26 MECHANICAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: 12" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	JS	RE

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

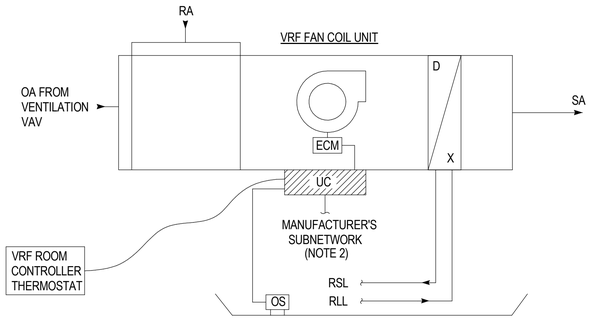
DRAWING NO.: M7.03
SHEET 00 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL CONTROLS (#3 OF 4)

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100% CONSTRUCTION DOCUMENTS - 08/25/2023



NOTES:

1. REFER TO MECHANICAL PLANS FOR QUANTITIES AND LOCATIONS OF AREAS SERVED.
2. VRFC INTEGRATION TO MANUFACTURER'S SUPERVISORY CONTROLLER.

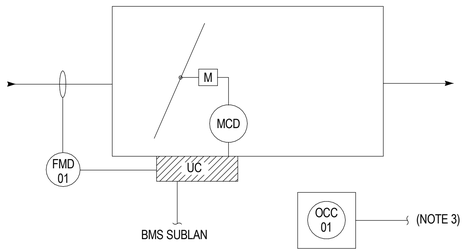
WORKROOM VRF FAN COIL SEQUENCE OF OPERATIONS:

1. FANCOIL UNITS SHALL MAINTAIN SPACE TEMPERATURE AT THE COOLING AND HEATING SETPOINTS (ADJ.). PROVIDE GLOBAL SETPOINT ADJUSTMENT VIA SUPERVISORY CONTROLLER FOR THE FAN COIL UNITS GROUPED BY FLOORS. SETPOINTS SHALL ALSO BE INDIVIDUALLY ADJUSTABLE.
2. OUTSIDE AIR IS PROVIDED BY THE VENTILATION VAV CONNECTED TO THE FCU MIXING BOX. REFER TO VENTILATION VAV SEQUENCE.
   - 2.1. FANCOIL DETAILS:
     - 2.1.1. THE UNIT WILL OPERATE ON INTERNAL CONTROLS 24/7.
   - 2.2. OCCUPIED TEMPERATURE SETPOINTS.
     - 2.2.1. COOLING TEMPERATURE SETPOINT =72° ± 2 (ADJ.).
     - 2.2.2. HEATING TEMPERATURE SETPOINT =68° ± 2 (ADJ.).
     - 2.2.3. HEATING & COOLING SETPOINT SHALL HAVE 5° DEADBAND, MAINTAINED WITH SETPOINT ADJUSTMENTS.
   - 2.3. UNOCCUPIED TEMPERATURE SETPOINTS.
     - 2.3.1. COOLING TEMPERATURE SETPOINT =78° ± 2 (ADJ.).
     - 2.3.2. HEATING TEMPERATURE SETPOINT =62° ± 2 (ADJ.).
3. DURING OPERATING MODE, THE UNIT CONTROLLER SHALL AUTOMATICALLY CONTROL THE ECM FAN SPEED.
4. COOLING MODE: ON A CALL FOR COOLING, THE ECM FAN SHALL MAINTAIN AIRFLOW AND THE UNITS INTERNAL CONTROL SHALL MODULATE COOLING TO MAINTAIN SPACE TEMPERATURE AT SETPOINT AT THE ROOM CONTROLLER.
5. HEATING MODE: ON A CALL FOR HEATING, THE ECM FAN SHALL MAINTAIN AIRFLOW AND THE UNITS INTERNAL CONTROL SHALL MODULATE HEATING TO MAINTAIN SPACE TEMPERATURE AT SETPOINT.
6. FAN COIL UNIT ALARMS: ALARMS SHALL ANNUNCIATE AT THE SUPERVISORY CONTROLLER.
7. UPON THE DRAIN PAN OVERFLOW SWITCH ACTIVATING, THE SUPERVISORY CONTROLLER SHALL RAISE AN ALARM AND THE UNIT COOLING SHALL DISABLE.
8. ALARMS SHALL BE AS FOLLOWS:
   - 8.1. HIGH SPACE TEMPERATURE ALARM: ABOVE 77 DEG. FOR 5 MINUTES.
     - 8.1.1. ALARMS WILL SEND OUT A RETURN TO NORMAL ALARM WHEN THE TEMPERATURE HAS BEEN RESOLVED.

1 VRF FAN COIL UNIT - SEQUENCE & CONTROLS
TYPICAL

VRF MANUFACTURER INTEGRATION POINTS LIST

NAME/LABEL	ALARM	ALARM SETPOINT	TREND	REPOSITORY ENABLED	NOTES
On Off Setup			COV	X	
On Off State	X		COV	X	
Alarm Signal			COV	X	
Error Code			COV	X	
Operational Mode Setup			COV	X	
Operational Mode State			COV	X	
Fan Speed Setup			COV	X	
Fan Speed State			COV	X	
Room Temp	X	>77 FOR 5 MIN.	600	X	
Set Temp			600	X	
Filter Sign			COV	X	
Filter Sign Reset					
Prohibition On Off			COV	X	
Prohibition Mode					
Prohibition Filter Sign Reset					
Prohibition Set Temperature			COV	X	
Prohibition Fan Speed			COV	X	
M-NET Communication State			COV	X	
System Forced Off			COV	X	
Air Direction Setup					
Air Direction State					
Set Temp Cool			COV	X	
Set Temp Heat			COV	X	
Set Temp Auto			COV	X	
Set High Limit Setback Temp					
Set Low Limit Setback Temp					
Thermo On Off State			COV	X	
System Alarm Signal			COV	X	
EEV Position			15 MIN.	X	



NOTES:

1. REFER TO MECHANICAL PLANS FOR QUANTITIES AND LOCATIONS OF AREAS SERVED.
2. ALL CONTROL WIRING SHALL BE PROVIDED BY BMS CONTRACTOR.
3. OCCUPANCY SENSOR STATUS MONITORED VIA LIGHTING CONTROL SYSTEM INTEGRATION FOR OCCUPIED-STANDBY MODE OPERATION.

VENTILATION TERMINAL UNIT SEQUENCE OF OPERATIONS:

A. GENERAL: THE TERMINAL UNIT SUPPLIES THE OUTSIDE AIR TO A FAN COIL UNIT. THE TERMINAL UNIT SHALL BE INTERLOCKED WITH ITS RESPECTIVE FAN COIL UNIT.
B. VENTILATION MODE: THE ACTIVE AIRFLOW SETPOINT (ADJ.) SHALL BE MAINTAINED AT THE DESIGN SCHEDULED VALUE.
   1. DURING OPERATING MODE, THE VAV DAMPER SHALL MODULATE TO MAINTAIN AIRFLOW AT ACTIVE AIRFLOW SETPOINT (ADJ.).
   2. VAV DAMPER SHALL FAIL IN PLACE IN THE EVENT OF A POWER LOSS.
C. (VIA INTEGRATED ENLIGHTED LIGHTING OCCUPANCY SENSOR) DURING PERIODS OF SCHEDULED OCCUPANCY WHEN UNOCCUPANCY IS DETECTED LOCALLY FOR AT LEAST 5 CONTINUOUS MINUTES (ADJ.), THE VAV UNIT SHALL CONTROL TO STANDBY-OCCUPIED MODE. DURING OCCUPIED-STANDBY MODE, AIR FLOW TO THE ZONE SHALL BE SHUT OFF WHENEVER THE SPACE TEMPERATURE IS BETWEEN THE ACTIVE COOLING AND HEATING SETPOINTS. WHEN OCCUPANCY IS SUBSEQUENTLY DETECTED, THE VAV UNIT DAMPER SHALL OPEN.

POINTS LIST

ID NO.	CONTROL POINT DESCRIPTION	HARDWARE POINTS				SOFTWARE POINTS					
		DI	DO	AI	AO	NVO	NVI	TREND	INTERVAL	DESCRIPTION	NOTES
FMD-01	FLOW TRANSMITTER			X				X	10 MINS		
MCD-01	MODULATING CONTROL DAMPER				X			X	10 MINS		
OCC-01	OCCUPANCY SENSOR - SPACE						X	X	COV	MONITORING STATUS VIA LIGHTING CONTROL SYSTEM INTEGRATION	

2 VENTILATION TERMINAL BOX - CONTROL DETAIL
TYPICAL

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LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

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INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 12" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	JS	RE

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: M7.04
SHEET 101 OF 294

SANTEE COMMUNITY CENTER - MECHANICAL CONTROLS (#4 OF 4)

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-M-Santee Community Center-R20.rvt

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ABBREVIATIONS

-A-	
AV	AUDIO VISUAL, ALARM VALVE
AUX	AUXILIARY
ATS	AUTOMATIC TRANSFER SWITCH
ANN	ANNUNCIATOR
AFF	ABOVE FINISHED FLOOR
AMP	AMPERE
ADDL	ADDITIONAL
APPX	APPENDIX
ARCH	ARCHITECT
ATCH	ATTACHMENT
AUTO	AUTOMATIC
AVG	AVERAGE
AWG	AMERICAN WIRE GAUGE
AIC	AMPERE INTERRUPTING CAPACITY
-B-	
BAS	BUILDING AUTOMATION SYSTEM
BAT	BATTERY
BSTR	BOOSTER
BFF	BELOW FINISH FLOOR
BKGD	BACKGROUND
BLDG	BUILDING
BTWN	BETWEEN
BLW	BELOW / UNDERGROUND
BOT	BOTTOM
BRKR	BREAKER
-C-	
CR	CONTROL RELAY, CARD READER, CASING RELIEF VALVE
CTV	CABLE TELEVISION, CONTROL VALVE
COORD	COORDINATE
CP	CONTROL PANEL, CHROME PLATED
CONN	CONNECT, CONNECTION
CLG	CEILING
CL	CENTER LINE, CLOSE, CLOSET
CH	CHILLER
CD	CONSTRUCTION DOCUMENT, CEILING DIFFUSER
CCTV	CLOSED CIRCUIT TELEVISION
CB	CIRCUIT BREAKER, CATCH BASIN
CAP	CAPACITOR, CAPACITY
CAB	CABINET
CKT	CIRCUIT
CTRL	CONTROL
CS	CONTROL SWITCH
CCT	CORRELATED COLOR TEMPERATURE
-D-	
DS	DISCONNECT SWITCH
DIV	DIVISION
DEMO	DEMOLITION
DDC	DIRECT DIGITAL CONTROL
DC	DIRECT CURRENT
DWG	DRAWING
DEF	DEFINITION
DEG	DEGREE
DEG F	DEGREES FAHRENHEIT
DET	DETAIL
DGTL	DIGITAL
DIAG	DIAGRAM
DIM	DIMENSION
DIR	DIRECTION
DISC	DISCONNECT
DISCH	DISCHARGE
DISTR PNL	DISTRIBUTION PANEL
DMR	DIMMER
(D)	EXISTING TO BE DEMOLISHED
-E-	
EXIST	EXISTING
EPO	EMERGENCY POWER OFF
EMER	EMERGENCY
EA	EACH
EH	ELECTRIC HEATER
EL	ELEVATION, ELEVATOR LOBBY
ELEC	ELECTRIC, ELECTRICAL
EQ	EQUAL
EQUIP	EQUIPMENT
EXCL	EXCLUDE
EXH FN	EXHAUST FAN
(ER)	EXISTING TO BE RELOCATED
(E) / EX	EXISTING TO REMAIN
-F-	
FLEX	FLEXIBLE
FDR	FEEDER
FC	FOOTCANDLE
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FA	FIRE ALARM, FACE, FREE AREA
F	FAHRENHEIT, FIRE SERVICE, FEMALE
FL / FLR	FLOOR
FR	FIRE RATING, FLOOR RECEPTACLE
FREQ	FREQUENCY
FT	FOOT, FEET
FU	FUSE
FU SW	FUSED SWITCH
FUT	FUTURE
FCA	FAULT CURRENT AVAILABLE, FLOOR CONTROL VALVE ASSEMBLY
-G-	
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GEN	GENERATOR
GC	GENERAL CONTRACTOR
G	GROUND, GAS, GREEN
-H-	
HZ	HERTZ
HP	HORSEPOWER
-L-	
LTG	LIGHTING
LV	LOW VOLTAGE
LCP	LIGHTING CONTROL PANEL
-M-	
MV	MEDIUM VOLTAGE
MIN	MINIMUM, MINUTE
MCC	MOTOR CONTROL CENTER
MCB	MAIN CIRCUIT BREAKER
MAX	MAXIMUM
MECH	MECHANICAL
MSB	MAIN SWITCH BOX
-N-	
NO	NORMALLY OPEN, NUMBER
NEUT	NEUTRAL
NC	NORMALLY CLOSED
NTS	NOT TO SCALE
-P-	
PWR	POWER
PNL	PANEL
PH	PHASE
PB	PULL BOX, PUSH BUTTON
P	POLE
-R-	
(R)	REMOVE EXISTING
REC	RECESSED
RECPT	RECEPTACLE
REQD	REQUIRED
RM	ROOM
-S-	
SWGR	SWITCHGEAR
SWBD	SWITCHBOARD
SYS	SYSTEM
SPKR	SPEAKER
SPEC	SPECIFICATION
SECT	SECTION
SD	SMOKE DETECTOR/DAMPER, STORM DRAIN
SCHED	SCHEDULE
-T-	
TYP	TYPICAL
TV	TELEVISION, TURNING VANES
TVSS	TRANSIENT VOLTAGE SURGE SUPRESSOR
TELCOM	TELECOMMUNICATIONS
-U-	
UON	UNLESS OTHERWISE NOTED
UL	UNDERWRITERS LABORATORIES
UTIL	UTILITY
UPS	UNINTERRUPTIBLE POWER SUPPLY
UC	UNDERCOUNTER
UGND	UNDERGROUND
UGPS	UNDERGROUND POWER SUPPLY
-V-	
VOLT	VOLTAGE
VHO	VERY HIGH OUTPUT
VFD	VARIABLE FREQUENCY DRIVE
VA	VOLT AMPERE
V	VOLT, VENT, VIDEO
-W-	
WP	WEATHERPROOF, WORKING PRESSURE
W/	WITH
W	WATT, WIRE, WIDTH, WALL PHONE, WASTE
W/O	WITHOUT
-X-	
XFER	TRANSFER
XFMR	TRANSFORMER

SYMBOLS LEGEND

ANNOTATION

1 VIEW TITLE / SCALE: NTS	PLAN TITLE NO. -1
1 / E-201 TITLE / SCALE: NTS	TITLE MARK DETAIL OR PLAN NO. - 1 FOUND IN E-201
1 / E-501	DETAIL REFERENCE DETAIL NO. - 1 FOUND IN E-501
1 / E-501	SECTION MARK SECTION NO. - 1 FOUND IN E-501
2 / E-201	DETAIL BOUNDARY B DETAIL NO. - 2
1	SHEET KEYNOTE
LP4:12	PANEL:CIRCUIT

POWER OUTLETS

FLR	WALL	CLG	
			DUPLEX
			QUADRUPLEX
			GFCI DUPLEX
	CTR		COUNTERTOP DUPLEX
	WP		WEATHER PROOF DUPLEX
	REF		REFRIGERATOR GFCI DUPLEX
	C		SPLIT WIRE CONTROLLED DUPLEX
J	J	J	JUNCTION BOX

LIGHTING

FLR	WALL	CLG	
			RECESSED DOWNLIGHT
			1X4 SURFACE MOUNTED LIGHT
			2X4 SURFACE MOUNTED LIGHT
			4FT WALL MOUNTED LIGHT
			1X4 EMERGENCY LIGHT
			2X4 EMERGENCY LIGHT
			2X4 RECESSED LIGHT

SWITCHES / CONTROLS

FLR	WALL	CLG
	$T	LIGHT SWITCH - TIME OPERATED
	$	LIGHT SWITCH - SINGLE POLE
	$3	LIGHT SWITCH - THREE WAY
	$K	LIGHT SWITCH - KEY OPERATED
	$P	LIGHT SWITCH - WITH PILOT LIGHT
FLR	WALL	CLG
	$TO	SWITCH - WITH THERMAL OVERLOAD
	D	DIMMER
	OS	OCCUPANSY SENSOR
	PC	PHOTOCELL
	OR	OVERRIDE SWITCH

POWER

	DISTRIBUTION BOARD
	RECESSED PANEL
	SURFACE MOUNTED PANEL
T	TRANSFORMER
	DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MAGNETIC MOTOR STARTER
	STARTER - DISCONNECT SWITCH
$M	SWITCH - MOTOR RATED
M	MOTOR
R	RELAY
VFD	VARIABLE FREQUENCY DRIVE
PB	PULL BOX
	CABLE TRAY

SINGLE LINE DIAGRAMS

	CIRCUIT BREAKER SWITCH
	BUSDUCT
	SWITCHGEAR BUSWAY
GFR	GROUND FAULT RELAY
A	AMMETER
M	DIGITAL METER UON
	TRANSFORMER - DELTA WYE-GROUNDED
G	GENERATOR
	GROUND BAR
N E L BP	ATS - 4-POLE UON
+ −	BATTERY
XXXXX XXXXX XXXXX XXXXX	PANEL
2000-5+	2000 = AMPACITY 3-NO, 4-SINGLE, 5-DOUBLE = NEUTRAL (+) = ADDITIONAL INFO AS REQUIRED

GROUNDING SYSTEM

	GROUND ROD WITH TEST WELL
	GROUND ROD
	AIR TERMINAL - STRIKE TERMINATION DEVICE, FLAT MTD
	AIR TERMINAL - STRIKE TERMINATION DEVICE, PARAPET MTD
	GROUND, LPS CABLE CONNECTION
	EQUIPMENT CONNECTION

GENERAL NOTES

1. UNLESS LISTED OTHERWISE, THE AMPACITY OF 600 VOLTS OR LESS CONDUCTORS SHALL BE BASED ON THE TERMINALS NOT TO EXCEED 60° C(140°F) FOR CONDUCTOR SIZE 14 THROUGH 1 AWG OR 75°C(167°F) FOR CONDUCTOR SIZES OVER 1AWG.
2. NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT.
3. FUSES SHALL BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS.
4. GREEN INSULATED COPPER GROUNDING CONDUCTOR SHALL BE INSTALLED IN ALL BRANCH CIRCUITS AND FEEDERS.
5. ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE WEATHERPROOF.
6. PROJECT SPECIFICATIONS ARE AN INTEGRAL PART OF THESE DRAWINGS.
7. CONDUCTORS IN RACEWAYS EXPOSED TO SUNLIGHT ON ROOFS SHALL BE RATED 90 DEGREE CELCIUS TYPE XHHW-2 AND SHALL BE DERATED PER NEC TABLE (310.15B)(2)(c).
8. CONTRACTOR TO SUBMIT FIRE ALARM PLANS TO THE CITY FOR REVIEW AND APPROVAL DEPICTING EXISTING SYSTEM, EXISTING FIRE ALARM PANEL LOCATION, AND NEW DEVICE REQUIREMETNS FOR THE RENOVATED AREAS AND CONNECTIONS TO EXISTING SYSTEM. SUBMITTAL TO INCLUDE VOLTAGE DROP AND BATTERY CALCULATIONS AND INSTALLATION DETAILS INCLUDING CALIFORNIA STATE FIRE MARSHALL APPROVAL NUMBERS FOR THE DEVICES INSTALLED.
9. CONDUIT SIZES SHALL BE A MINIMUM OF 1".

ELECTRICAL SCOPE OF WORK

THE SCOPE OF WORKS CONSISTS OF ELECTRICAL AND LIGHTING FOR A 12,500SQFT COMMUNITY CENTER FOR THE CITY OF SANTEE. THE SCOPE OF THE ELECTRICAL WORK IS POWER DISTRIBUTION FOR HVAC, POWER, LIGHTING, AND PLUMBING. POWER IS DERIVED FROM A SINGLE 480V SDGE TRANSFORMER WITH IT'S OWN METER AND DISTRIBUTED THROUGHOUT THE BUILDING. THE PROJECT CONTAINS A 200KW EMERGENCY GENERATOR THAT PROVIDES 48 HOURS OF BACKUP FOR THE ENTIRE SYSTEM MINUS EV CHARGERS OF WHICH THERE ARE 16 NEW EV CHARGERS WITH CONDUIT PROVISIONS FOR FUTURE.

DEFERRED FIRE ALARM SUBMITTAL NOTE

CONTRACTOR TO SUBMIT FIRE ALARM PLANS TO THE CITY FOR REVIEW AND APPROVAL DEPICTING NEW FIRE ALARM PANEL, LOCATION, AND NEW DEVICE REQUIREMENTS. DESIGN TO INCLUDE VOLTAGE DROP, BATTERY CALCULATIONS, AND INSTALLATION DETAILS INCLUDING CALIFORNIA STATE FIRE MARSHALL APPROVAL NUMBERS FOR THE DEVICES INSTALLED. DESIGN TO BE STAMPED BY A REGISTERED FIRE PROTECTION ENGINEER IN THE STATE OF CALIFORNIA.

DEFERRED BUILDING PV-BATTERY SUBMITTAL NOTE

CONTRACTOR SHALL DESIGN AND INSTALL A PHOTOVOLTAIC SYSTEM WITH INTEGRAL BATTERY PER CALIFORNIA TITLE-24 REQUIREMENTS AS DEPICTED ON THE SINGLE LINE DIAGRAM AND SUBMIT THE PLANS TO THE LOCAL BUILDING DEPARTMENT FOR APPROVAL. THE PLANS SHALL BE STAMPED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA. THE DESIGN SHALL COMLY WITH THE CALIFORNIA ELECTRICAL CODE AND APPLICABLE LOCAL CODES AND SHALL CONNECT TO THE BUILDING MAIN SWITCHBOARD.

APPLICABLE CODES

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH:

2022 CALIFORNIA MECHANICAL CODE (CMC)

2022 CALIFORNIA ELECTRICAL CODE (CEC)

2022 CALIFORNIA BUILDING CODE (CBC)

2022 CALIFRONIA PLUMBING CODE (CPC)

2022 CALIFRONIA ENERGY CODE (CEC)

2022 CALIFORNIA FIRE CODE (CFC)

SHEET INDEX

NO.	TITLE	SCALE
E0.00	ELECTRICAL COVER SHEET	NONE
E0.01	ELECTRICAL SCHEDULES	NONE
E0.02A	LUMINAIRE SCHEDULES	NONE
E0.02B	LUMINAIRE SCHEDULES	NONE
E0.03	TITLE 24 COMPLIANCE	NONE
E0.04	TITLE 24 COMPLIANCE	NONE
E0.05	TITLE 24 COMPLIANCE	NONE
E0.06	SINGLE LINE DIAGRAM	NONE
E1.21	ELECTRICAL SITE LIGHTING PLAN	1" = 30'-0"
E1.22	ELECTRICAL SITE LIGHTING PHOTOMETRIC PLAN	1" = 30'-0"
EP1.21	ELECTRICAL POWER SITE PLAN	1" = 30'-0"
EL2.11A	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
EL2.11B	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B - FLOOR PLAN	3/16" = 1'-0"
EL2.21A	ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
EL2.21B	ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT B - FLOOR PLAN	3/16" = 1'-0"
EP2.11A	OVERALL POWER 1ST FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
EP2.11B	ELECTRICAL POWER 1ST FLOOR - SEGMENT B - FLOOR PLAN	3/16" = 1'-0"
EP2.21A	ELECTRICAL POWER 2ND FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
EP2.31A	ELECTRICAL POWER ROOF PLAN - SEGMENT A	3/16" = 1'-0"
EP2.31B	ELECTRICAL POWER ROOF PLAN - SEGMENT B	3/16" = 1'-0"
EL3.11A	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A - REFLECTED CEILING PLAN	3/16" = 1'-0"
EL3.11B	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B - REFLECTED CEILING PLAN	3/16" = 1'-0"
EL3.12A	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A - PHOTOMETRIC PLAN	3/16" = 1'-0"
EL3.12B	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B - PHOTOMETRIC PLAN	3/16" = 1'-0"
EL3.13A	1ST FLOOR - SEGMENT A - PHOTOMETRIC PLAN - EMERGENCY EGRESS	3/16" = 1'-0"
EL3.13B	1ST FLOOR - SEGMENT B - PHOTOMETRIC PLAN - EMERGENCY EGRESS	3/16" = 1'-0"
EL3.21A	ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A - REFLECTED CEILING PLAN	3/16" = 1'-0"
EL3.22A	ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A - PHOTOMETRIC PLAN	3/16" = 1'-0"
EL3.23A	2ND FLOOR - SEGMENT A - PHOTOMETRIC PLAN - EMERGENCY EGRESS	3/16" = 1'-0"
E4.02	ELECTRICAL LIGHTING ELEVATIONS	AS NOTED
EL4.01	ELECTRICAL LIGHTING ELEVATIONS	AS NOTED
E4.01	ELECTRICAL ENLARGED PLAN	AS NOTED
E6.01	ELECTRICAL DETAILS	NONE
E6.02	ELECTRICAL DETAILS	NONE
E7.01	PANEL SCHEDULES	NONE
E7.02	PANEL SCHEDULES	NONE
E7.03	PANEL SCHEDULES	NONE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A NAVIGANT COMPANY
Approved
08/01/2025 3:22:15 PM

REGISTERED PROFESSIONAL ENGINEER — SEAN MARCH — No. E21370 — Ex. 03/31/2026 — ELECTRICAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 12" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: E0.00
SHEET 002 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL COVER SHEET

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100% CONSTRUCTION DOCUMENTS - 01/12/2024

COPPER FEEDER SCHEDULE

600 VOLT FEEDER SCHEDULE

COPPER FEEDER SCHEDULE 3 WIRE				COPPER FEEDER SCHEDULE 4 WIRE			
FEEDER DESIGNATION	CONDUCTOR SIZE (3-WIRE FEEDERS)	GROUND WIRE SIZE	CONDUIT * SIZE	FEEDER DESIGNATION	CONDUCTOR SIZE (4-WIRE FEEDERS)	GROUND WIRE SIZE	CONDUIT * SIZE
20	3#12	1#12	1"C.	20N	4#12	1#12	1"C.
30	3#10	1#10	1"C.	30N	4#10	1#1O	1"C.
40	3#8	1#10	1"C.	40N	4#8	1#1O	1"C.
50	3#6	1#10	1"C.	50N	4#6	1#10	1"C.
60	3#6	1#10	1"C.	60N	4#6	1#1O	1-1/4"C.
70	3#4	1#8	1-1/4"C.	70N	4#4	1#8	1-1/4"C.
80	3#3	1#8	1-1/2"C.	80N	4#3	1#8	2"C.
90	3#2	1#8	1-1/2"C.	90N	4#2	1#8	2"C.
100	3#2	1#8	1-1/4"C.	100N	4#2	1#8	2"C.
125	3#1	1#6	1-1/2"C.	125N	4#1	1#6	2"C.
150	3#1/0	1#6	2"C.	150N	4#1/0	1#6	2"C.
175	3#2/0	1#6	2"C.	175N	4#2/0	1#6	2 1/2"C.
200	3#3/0	1#6	2"C.	200N	4#3/0	1#6	2 1/2"C.
225	3#4/0	1#4	2-1/2"C.	225N	4#4/0	1#4	3"C.
250	3#250KCMIL	1#4	2-1/2"C.	250N	4#250KCMIL	1#4	3"C.
300	3#350KCMIL	1#4	3"C.	300N	4#350KCMIL	1#4	4"C.
350	3#500KCMIL	1#2	3"C.	350N	4#500KCMIL	1#2	4"C.
400	3#600KCMIL	1#2	3"C.	400N	4#600KCMIL	1#2	4"C.
500	2 SETS OF 3#250KCMIL	2#2	(2) 2-1/2"C.	500N	2 SETS OF 4#250KCMIL	2#2	(2) 4"C.
600	2 SETS OF 3#350KCMIL	2#1	(2) 3"C.	600N	2 SETS OF 4#350KCMIL	2#1	(2) 4"C.
800	2 SETS OF 3#600KCMIL	2#1/0	(2) 3"C.	800N	2 SETS OF 4#600KCMIL	2#1/0	(2) 4"C.
1000	3 SETS OF 3#400KCMIL	3#2/0	(3) 3"C.	1000N	3 SETS OF 4#400KCMIL	3#2/0	(3) 4"C.
1200	3 SETS OF 3#600KCMIL	3#3/0	(3) 4"C.	1200N	3 SETS OF 4#600KCMIL	3#3/0	(3) 4"C.
1600	4 SETS OF 3#600KCMIL	4#4/0	(4) 4"C.	1600N	4 SETS OF 4#600KCMIL	4#4/0	(4) 4"C.
2000	5 SETS OF 3#600KCMIL	5#250KCMIL	(5) 3"C.	2000N	5 SETS OF 4#600KCMIL	5#250KCMIL	(5) 4"C.
2500	6 SETS OF 3#600KCMIL	6#350KCMIL	(6) 4"C.	2500N	6 SETS OF 4#600KCMIL	6#350KCMIL	(6) 4"C.
3000	8 SETS OF 3#600KCMIL	8#400KCMIL	(8) 4"C.	3000N	8 SETS OF 4#600KCMIL	8#400KCMIL	(8) 4"C.
3500	9 SETS OF 3#600KCMIL	9#500KCMIL	(9) 4"C.	3500N	9 SETS OF 4#600KCMIL	9#500KCMIL	(9) 4"C.
4000	10 SETS OF 3#600KCMIL	10#500KCMIL	(10) 4"C.	4000N	10 SETS OF 4#600KCMIL	10#500KCMIL	(10) 4"C.

BRANCH CIRCUIT VOLTAGE DROP (3%)

THE CONTRACTOR SHALL PROVIDE MINIMUM SIZED BRANCH CIRCUIT CONDUCTORS PER THE TABLE BELOW

CONDUCTOR SIZE (AWG)	BRANCH CIRCUIT OCD (AMPS)	CIRCUIT VOLTAGE (V)			
		120	208	240	277
		MAXIMUM ALLOWABLE LENGTH (FT)			
#12	15	82	142	164	189
#10	15	135	235	271	313
#8	15	205	356	411	474
#12	20	61	107	123	142
#10	20	102	176	203	234
#8	20	154	267	308	356
#10	30	60	103	120	140
#8	30	95	165	190	225

NOTES:
1. ASSUMING SINGLE PHASE CIRCUIT, 90% POWER FACTOR, UNCOATED COPPER CONDUCTORS IN STEEL RACEWAY FROM NEC CHAPTER 9, TABLE
2. ASSUMING LOAD EQUAL TO 80% OF OCD RATING IS CONCENTRATED AT THE END OF THE CIRCUIT
3. LONGER BRANCH CIRCUITS LENGTHS SHALL BE ALLOWED WHEN THE CIRCUIT LOAD IS KNOWN , AND THE CONTRACTOR HAS PROVIDED A VOLTAGE DROP CALCULATION. THE CALCULATION RESULTS SHALL BE MARKED ON THE AS-BUILT PLANS.

BRANCH WIRING

SIZE AND QUANTITY OF CONDUCTORS SERVING ALL WIRING DEVICES SHALL BE PROVIDED TO MATCH THE CHART BELOW UNLESS OTHERWISE NOTED ON FLOOR PLANS, DETAILS, PANEL SCHEDULES, OR RISER DIAGRAM . CB AMPERAGE SIZES ARE INDICATED ON PANELBOARD SCHEDULES.

BREAKER SIZE	SINGLE POLE	TWO-POLE	THREE-POLE	THREE-POLE (4-WIRE)
20A	2#12+ 1#12G IN 3/4"C	2#12+ 1#12G IN 3/4"C	3#12+ 1#12G IN 3/4"C	4#12+ 1#12G IN 3/4"C
25A	2#10+ 1#10G IN 3/4"C	2#10+ 1#10G IN 3/4"C	3#10+ 1#10G IN 3/4"C	4#10+ 1#10G IN 3/4"C
30A	2#10+ 1#10G IN 3/4"C	2#10+ 1#10G IN 3/4"C	3#10+ 1#10G IN 3/4"C	4#10+ 1#10G IN 3/4"C
35A	2#8 + 1#10G IN 3/4"C	2#8 + 1#10G IN 3/4"C	3#8 + 1#10G IN 3/4"C	4#8 + 1#10G IN 3/4"C
40A	2#8 + 1#10G IN 3/4"C	2#8 + 1#10G IN 3/4"C	3#8 + 1#10G IN 3/4"C	4#8 + 1#10G IN 3/4"C
45A	2#6 + 1#10G IN 1"C	2#6 + 1#10G IN 1"C	3#6 + 1#10G IN 1"C	4#6 + 1#10G IN 1"C
50A	2#6 + 1#10G IN 1"C	2#6 + 1#10G IN 1"C	3#6 + 1#10G IN 1"C	4#6 + 1#10G IN 1-1/4"C
55A	2#6 + 1#10G IN 1-1/4"C	2#6 + 1#10G IN 1-1/4"C	3#6 + 1#10G IN 1-1/4"C	4#6 + 1#10G IN 1-1/4"C
60A	2#4 + 1#10G IN 1-1/4"C	2#4+ 1#10G IN 1-1/4"C	3#4 + 1#10G IN 1-1/4"C	4#4 + 1#10G IN 1-1/4"C
65A	2#4 + 1#8G IN 1-1/4"C	2#4+ 1#8G IN 1-1/4"C	3#4 + 1#8G IN 1-1/4"C	4#4 + 1#8G IN 1-1/4"C
70A	2#4 + 1#8G IN 1-1/4"C	2#4+ 1#8G IN 1-1/4"C	3#4 + 1#8G IN 1-1/4"C	4#4 + 1#8G IN 1-1/4"C
75A	2#3 + 1#8G IN 1-1/4"C	2#3 + 1#8G IN 1-1/4"C	3#3 + 1#8G IN 1-1/4"C	4#3 + 1#8G IN 1-1/4"C
80A	2#3 + 1#8G IN 1-1/4"C	2#3 + 1#8G IN 1-1/4"C	3#3 + 1#8G IN 1-1/4"C	4#3 + 1#8G IN 1-1/2"C
85A	2#3 + 1#8G IN 1-1/4"C	2#3 + 1#8G IN 1-1/4"C	3#3 + 1#8G IN 1-1/4"C	4#3 + 1#8G IN 1-1/2"C
90A	2#2 + 1#8G IN 1-1/4"C	2#2 + 1#8G IN 1-1/4"C	3#2 + 1#8G IN 1-1/2"C	4#2 + 1#8G IN 1-1/2"C
95A	2#2 + 1#8G IN 1-1/2"C	2#2 + 1#8G IN 1-1/2"C	3#2 + 1#8G IN 1-1/2"C	4#2 + 1#8G IN 2"C
100A	2#1 + 1#8G IN 1-1/2"C	2#1 + 1#8G IN 1-1/2"C	3#1+ 1#8G IN 1-1/2"C	4#1+ 1#8G IN 2"C

DERATING SCHEDULE

120V, 20A BRANCH CIRCUIT HOMERUN TABLE (DEDICATED NEUTRALS)	
3 CIRCUITS OR LESS	#12 CONDUCTORS, 3/4" CONDUIT
4 CIRCUITS	#10 CONDUCTORS, 3/4" CONDUIT
5 TO 7 CIRCUITS	#8 CONDUCTORS, 1 1/4" CONDUIT
8 TO 10 CIRCUITS	#8 CONDUCTORS, 1 1/2" CONDUIT

Santee DO MORE • DIS EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A RAFTELIS COMPANY
Approved
08/01/2025 3:22:16 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARCH No. E21370 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - ELECTRICAL SCHEDULES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

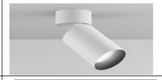
CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

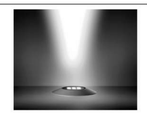
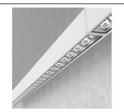
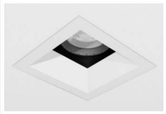
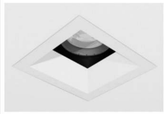
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: E0.01
SHEET 203 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

Type	Mounting	Description	Manufacturer	Catalog #	Image	Light Engine	Dimming Type	Volts	Watts	Notes
AL1	STAKE MOUNT Wall washers	6.68" L x 2.25" dia x 3.35" H corrosion resistant housing with 304 stainless steel hardware, glare shields, remote step down transformer, polyester powder coat finish, ground spike	HK Lighting	ZXLF BD 12V 8 30 BZ [Barn Doors] TXS MHVL6-12 (or) MH02		LED 3500K 262 lm 83 CRI	MLV	12 V	8 W	• Provide MHLV6-12 extension spike if installed inside landscape shrubs/planters. Landscape architect to confirm the height of planters. • Luminaire requires remote step-down transformer in outdoor wet rated enclosure. • Manufacturer to provide 3500K CCT LED module with Luminaire.
AS1	SURFACE Canopy - Downlight		Lucifer Lighting	CY2 AD 1 [Finish] 90C20A 35 60 CA2 4 2 ZERO		LED 3500K 1312 lm 90 CRI	0-10V	UNIV	24 W	
BP1a	Exterior light pole - Single	25ft tall pole with single head	Visionaire Lighting	HEAD: ODN-1-L-T3-48LC-5-[KELVIN]-UNV-VA103-[FINISH]-[CAP/SHADE]-OPTIONS ARM: VA103-[SIZE]-S1-4-[FINISH] POLE:		LED 3500K 10886 lm 80 CRI B2U0G2	0-10V	UNIV	82 W	• Architect to verify color temperature, finish, cap and shade for the fixture - to match existing luminaires. • Contractor to coordinate pole mounting options • Contractor to coordinate with architect for pole arm size and finish
BP1b	Exterior light pole - Dual	25ft tall pole with dual heads	Visionaire Lighting	HEAD: (2) ODN-1-L-T3-48LC-5-[KELVIN]-UNV-VA103-[FINISH]-[CAP/SHADE]-OPTIONS ARM: VA103-[SIZE]-D2-4-[FINISH] POLE:		LED 3500K (2)x10886 lm 80 CRI B2U0G2	0-10V	UNIV	164 W	• Architect to verify color temperature, finish, cap and shade for the fixture - to match existing luminaires. • Contractor to coordinate pole mounting options • Contractor to coordinate with architect for pole arm size and finish
BP2	Exterior light pole - Single	15ft tall pole with single head	Bega	84126K3S - 79802		LED 3500K 4781 lm 80 CRI B2U0G1	0-10V	UNIV	43.5 W	• Architect to verify fixture and pole finish.
DW1	SURFACE Wall sconce		WAC Lighting	WS-180414 35 1000 BN		LED 3500K 1000 lm 90 CRI	ELV	UNIV	12 W	
FD1	RECESSED 2X4 Ceiling Troffer		Focal point	Equation 2 2x4 FEQ2 24 AC 4000L 935K 1C UNV L11 [Mounting] WH		LED 3500K 4000 lm 90 CRI	0-10V	UNV	33 W	
FD3	RECESSED Ceiling Perimeter slot	Recessed linear perimeter wall slot downlight	Focal point	Seem 2 FSM2PR ALH GR4 250LF 935K UNV L11 [Mounting] WH [Length]		LED 3500K 250 lm/ft 90 CRI	0-10V	UNV	12 W/FT	
FS2	SURFACE Ceiling Downlight	Surface mount LED downlight with ambient glow	Lucifer Lighting	Stellr S2C [BODY COLOR] [CANOPY COLOR] 9035 9035 5S S 4 EG J		LED 3500K 1035 lm 817 lm 90 CRI	0-10V	UNV	31 W	• Architect to verify body and canopy finish. • Contractor to verify mounting option per ceiling conditions in coordination with architect
FS3	SURFACE Trellis mount downlight	Trellis mount adjustable LED accent	BK Lighting	Square Delta Star LED SQ LED e6# [3500K] WFL A9 [FINISH] 12 11 8 TE Canopy [ROUND] QTM-eLED-180+0-10V-AWN-3-UNV-12VDC-BK		LED 3500K 459 lm 80 CRI	MLV	12 V	7 W	• Architect to verify fixture finish. • Manufacturer to provide 3500K CCT LED source. • Fixture has integral dimmer so no external dimming signal is required. Provide required power to fixture without any dimming protocol. • Refer to architectural drawings for Trellis mounting details. Feed power through Trellis tube concealed from direct view. • Fixture requires remote driver concealed in a well ventilated and accessible location inside building behind ceiling tiles
FS4	SURFACE wall up+dn sconce		SISTEMALUX	Pocket S1871 W JB UNV [FINISH] D10		LED 3500K 3681 lm (DN) 519 lm (UP) 80 CRI	0-10V/ nLight	UNV	34 W	

Type	Mounting	Description	Manufacturer	Catalog #	Image	Light Engine	Dimming Type	Volts	Watts	Notes
GH1	SEMIRECESSED uplight	Ingrade uplight under stairs	SISTEMALUX	Over-all S1905W REM 14 4450 0700 050 UNV ED10		LED 3000K 650 lm 90 CRI	0-10V	UNV	9 W	• Contractor to coordinate with manufacturer for 3500K CCT LED chip if available. • Refer to manufacturer details for installation of fixture. Fixture is Semi recessed. • Orient fixture to have asymmetric optics pointed towards wall under stairs
GH2	INGRADE landscape uplight	Ingrade uplight trees - landscape	BEGA	84 301 K35 NON SKID LENS		LED 3500K 1791 lm 80 CRI	0-10V	UNV	20 W	• Provide all accessories required to install fixture in landscape. • Install fixture per manufacturer recommendations. Provide pea gravel underneath fixture for water seepage into ground
GH2b		Ingrade uplight - hardscape	BEGA	84 292 K35 NON SKID DIFFUSER Elliptical lens (OR) Soft focus lens with glare louver		LED 3500K 2082 lm 80 CRI	0-10V	UNV	20 W	• Provide all accessories required to install fixture in hardscape. • Provide elliptical lens or soft diffuser lens with glare louver. • Install fixture per manufacturer recommendations. Provide pea gravel underneath fixture for water seepage into ground
GH3		Ingrade Linear uplight	LUMENPULSE	LOI ASHRAE 120/277 [LENGTH] 30K 30X30 TS2.5 INTL DIM ASL		LED 3000K 1182 lm/ft 80 CRI	0-10V	UNV	5 W/FT	• Provide all accessories required to install fixture in hardscape. • Install fixture per manufacturer recommendations. Provide pea gravel underneath fixture for water seepage into ground
LP2	SUSPENDED pendant		CURRENT COLUMBIA	MPS 4 35 LW F W ED1 U NXS CM48SCF3-KIT		LED 3500K 1050 lm/ft 80 CRI	0-10V	UNV	8.2 W/FT	• Architect to verify fixture suspension length
LP3	RECESSED ceiling		PRUDENTIAL	Stream Square STSQI LED35-90 MO [LENGTH] [FINISH] D1 NU SC UNV CA48 [CEILING] DM01		LED 3500K 650 lm/ft 90+ CRI	0-10V	UNV	6 W/FT	• Architect to verify fixture finish and suspension length. • Contractor to coordinate with architect for ceiling system. • Refer to architectural drawings for luminaire lengths.
LS1	SURFACE Elevator pit	BOH lighting strips in elevator shaft	ACUITY	**Halophane** EMS-L48-6000LM-LPPFL-WD-MVOLT-GZ10-35K-80CRI EMSSMB		LED 3500K 6000lm 80 CRI	Enlighted 0-10V	UNIV	38 W	
LS2	SURFACE Façade Wall grazer	2.6" x 2" high output integral power luminaire with high density tempered glass lens, high durability power coating, -20°C to 50°C operating temperature, 75,000 hr. lumen maintenance, ETL for IP67, IK07 5-year limited warranty Finish: TBD by Architect	INSIGHT	Medley (ME) ME-HO-35K-**2020**-SM-[LENGTH]-[VOLT]-DIM-[FINISH]-HCRI-VS-CRF LCS-JC#		LED 3500K 1520 lm/ft 90+ CRI	0-10V	277 V	15 W/FT	• Architect to verify fixture finish. • Luminaire to be installed under external overhang (Brise Soleil) for wall grazing down.
PD1	SUSPENDED Cylinder	Installed in acoustical panels	METEOR	VELA 5 VELA5-45-358-UNV-SPV-STF-55-BLK-CM10		LED 3500K 5000 lm 80+ CRI	0-10V	UNV	45W	• Fixture to be installed with bottom in flush with acoustical panels. Fixture is suspended from higher ceiling to poke through acoustical panels. • Contractor to coordinate with architect the canopy requirement per ceiling conditions before procurement of fixtures. • Contractor to coordinate suspension cable length per architectural drawings.
RA2	WALL RECESSED	Luminaire installed into wall for ceiling uplight	SISTEMALUX	8138 RF 935 WF UNV [FINISH] D10 8675-02 (Black Louver) 8050 (Frosted Glass lens) 8111-02 (Black Snoot		LED 3500K (3) x 1254 lm 90+ CRI	0-10V	UNIV	33 W	• Architect to verify wall clearance to recess fixture into wall. • Contractor to verify the housing required for wall installation. • Contractor to coordinate with manufacturer for wall recessed installation
RD1w	RECESSED Wood - Trim	2-1/4" square, deep bevel downlight luminaire with 60 degree beam spread. Square flanged trim accessory for flush mounting. Interchangeable optics on site. All trim lens accessories rated for dry, damp, or wet locations. Non-IC housing. 5-year limited warranty. JA-8-2019 CA Title 24 compliant. Finish: Bark bronze trim and bezel	NO 8 LIGHTING	200 Series #201-S-BV-HI-3500-60-DIM2-2-FLS-2-BV-OB-SF2-NIC-S-[Mounting] Driver 0-10V Or approved equal through project substitution request process.		LED 3500K 1219 lm 92+ CRI	0-10V	UNIV	14 W	• Contractor to coordinate flange depth and ceiling panel thickness with manufacturer for compatibility. • Architect to verify fixture finish.
RD2	RECESSED Gyp - Trim	2-1/4" square, deep bevel downlight luminaire with 60 degree beam spread. Square flanged trim accessory for flush mounting. Interchangeable optics on site. All trim lens accessories rated for dry, damp, or wet locations. Non-IC housing. 5-year limited warranty. JA-8-2019 CA Title 24 compliant. Finish: White trim and bezel	NO 8 LIGHTING	200 Series #201-S-BV-HI-3500-60-DIM2-2-FLS-2-BV-WH-SF2-NIC-S-[Mounting] Driver 0-10V Or approved equal through project substitution request process.		LED 3500K 1219 lm 92+ CRI	0-10V	UNIV	14 W	• Contractor to coordinate flange depth and ceiling panel thickness with manufacturer for compatibility. • Architect to verify fixture finish.

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:16 PM

Santee
SO MUCH TO BE EXCITED ABOUT

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCE
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

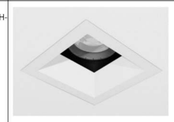
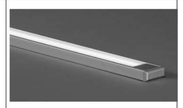
CITY W.O. NO. **CIP 2018-31**

DRAWING NO. **E0.02A**
SHEET 104 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - LUMINAIRE SCHEDULES

Please Recycle

Type	Mounting	Description	Manufacturer	Catalog #	Image	Light Engine	Dimming Type	Volts	Watts	Notes
RD2b	RECESSED Gyp - Trim	2-1/4" square, deep bevel downlight luminaire with 60 degree beam spread. Square flanged trim accessory for flush mounting. Interchangeable optics on site. All trim lens accessories rated for dry, damp, or wet locations. Non-IC housing. 5-year limited warranty. JA-8-2019 CA Title 24 compliant. Finish: White trim and bezel	NO 8 LIGHTING	200 Series #201-S-BV-HI-3500-60-DIM2-2-FLS-2-BV-WH-SF2-NIC-S-[Mounting] Driver 0-10V Or approved equal through project substitution request process.		LED 3500K 1219 lm 92+ CRI	0-10V	UNIV	14 W	• Contractor to coordinate flange depth and ceiling panel thickness with manufacturer for compatibility. • Architect to verify fixture finish.
RD3	RECESSED Wood - Trim	2-1/4" square, deep bevel downlight luminaire with 25 degree beam spread. Round flanged trim accessory for flush mounting. Interchangeable optics on site. All trim lens accessories rated for dry, damp, or wet locations. Non-IC housing. 5-year limited warranty. JA-8-2019 CA Title 24 compliant. Finish: White trim and bezel	NO 8 LIGHTING	200 Series #200-HD-R-HI-3500-25-DIM2-2-HD-FLR-2-BV-OB-SF2-NIC-R-[Mounting] Driver 0-10V Or approved equal through project substitution request process.		LED 3500K 1990 lm 94+ CRI	0-10V	UNIV	26 W	• Contractor to coordinate flange depth and ceiling panel thickness with manufacturer for compatibility. • Architect to verify fixture finish and trim shape.
RD4	RECESSED Gyp ceiling	1" round trim pinhole downlight with 45° beam spread. 5-year limited warranty. CEC/Title 24 2016 JA8 Compliant	USAI	Z1RD-F-09X1M-35KH-45-MO-WH-IC-RM-01-UNVD6A-ENC		LED 3500K 650 lm 90+ CRI	0-10V	UNIV	9 W	• Contractor to coordinate flange depth and ceiling panel thickness with manufacturer for compatibility. • Architect to verify fixture finish. • All remote dimming drivers require one enclosure per fixture.
SD1	SURFACE Wet - Down		QTRAN	SL1SW 4.0 35 WET STD DF S1 [CONNECTOR] [WIRE] SST ST [LENGTH] QZ-288W-UNV-24V-PH/010-BK		LED 3500K 280 lm/ft 98+ CRI	0-10V	24V (OUT) UNIV (IN)	4 W/FT	• Fixture requires remote transformer concealed in a well ventilated and accessible location. • Field verify exact run lengths before procurement.
SD3	SUSPENDED Down		QTRAN	VERS 07 SK SW 6.0HE 35 DMP DF S2 BW CLS SV AWM SK BK [LENGTH] SK DF RD 5" BK JB 36" SK NF RD 2" BK JB 36" QTM-eLED+0-10V		LED 3500K 213 lm/ft 98+ CRI	0-10V	24V (OUT) UNIV (IN)	6 W/FT	• Contractor to coordinate with manufacturer for suspension cable and accessories required for pendant mount. Continuous runs where installed. Field verify exact run lengths before procuring. Contractor to provide documentation that meets the project requirements. • Contractor to provide remote Class 2 LED 24VDC constant voltage output LED drivers with two conductor cables for a fully functional system. • Remote driver to be concealed in a passively ventilated and accessible location.
SD4	SURFACE Uplight		QTRAN	VERS 04 SW 4.0 35 WET 25D L1-WH P4 [CONNECTOR] [WIRE] CC WH [LENGTH] Q-SET-QZ-PH/0-10V		LED 3500K 344 lm/ft 98+ CRI	0-10V	24V (OUT) UNIV (IN)	4 W/FT	• Fixture requires remote transformer concealed in a well ventilated and accessible location. • Contractor to provide remote PSU's for the light fixtures with class 2 cables for a fully functional system.
WD1	SURFACE wall pack	Full cutoff	LITHONIA	ARC1 LED-P2-40K-MVOLT-FAP-[FINISH] BBW		LED 4000K 2151 lm 80+ CRI B1U0G1	0-10V	UNIV	17 W	• Architect to verify fixture finish. Fixture to be installed 9ft AFF over the doors.
WD2	SURFACE wall pack	Utility grade wall pack with adjustable lumen output and switchable CCT	LITHONIA	TWR1 LED ALO SWW2 UVOLT PE DDBTXB		LED 4000K 8581 lm 80+ CRI	0-10V	UNIV	59 W	• Architect to verify fixture finish. Fixture to be installed 9ft AFF over the doors.
WS1	Lutron wall dimmer	Single pole switch	Lutron							
WS1R	Lutron wall dimmer	Single pole dimmer switch	Lutron							
WS2	LUTRON wall station	Two button programmable keypad	Lutron							

Type	Mounting	Description	Manufacturer	Catalog #	Image	Light Engine	Dimming Type	Volts	Watts	Notes
WS2R	LUTRON wall station	Two button programmable keypad with raise/lower	Lutron							
WS3R	LUTRON wall station	Three button programmable keypad with raise/lower	Lutron							
WS5R	LUTRON wall station	Five button programmeble keypad with raise/lower	Lutron							
WTS	LUTRON wall touch screen	Touch screen wall mounted lighting controller	Lutron							
X1	EXIT SIGN	Edge Lit LED exit sign with recessed housing, extruded aluminum ceiling or wall plate, white finish, mirrored background and emergency battery operation. Mounting arrangement for ceiling or wall conditions as required for project conditions. Single or dual face, with or without arrows as required for project conditions.	Current Duallite	"LE Series Exist Sign" #LE-XX-XX-G-XX-W-XX-N-XX		LED	ON/OFF	120/277	5W	Exit signs shall be connected to building emergency generator circuit. Contractor shall verify type of mounting, number of faces, number & direction of arrows based apon the life safety plans. Finishes shall be coordinated and finalized by architect of record.

Luminaire Schedule Notes:
1. All finishes to be confirmed with architect prior to placing orders.
2. Provide remote prowar supplies, drivers, or transformers for low-voltage LED luminaires as required for a complete installation. Include mounting bracket, connectors, and lead wires as necessary.
3. Provide UL-924 relay for all luminaires designated as "EM." Provide unswitched hot relay per manufacture's requirements.
4. Provide lengths for all linear products as indicated per drawings.
5. Architect to verify luminaire finishes.
6. E.E to verify luminaire voltage and emergency requirements before procurement of luminaires

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:16 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCH
No. E21370
Ex. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - LUMINAIRE SCHEDULES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **E0.02B**
SHEET 105 OF 294

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Santee Community Center	Report Page:	(Page 1 of 6)
Project Address: 10129 Riverwalk Drive	Date Prepared:	8/22/2023

This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.

A. GENERAL INFORMATION

01	Project Location (city)	Santee	04	Total Conditioned Floor Area (ft²)	0
02	Climate Zone	10	05	Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	1

● Convention Center ● Office ● Support Areas ● All Other Occupancies

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	0	Area Category Method	0
☐ New Lighting System - Parking Garage				
Total Area of Work (ft²)	0		0	

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Law or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: Eadre
Date: Aug 22, 2025

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Santee Community Center	Report Page:	(Page 2 of 6)
	Date Prepared:	8/22/2023

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)						Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)				Compliance Results
	01	02	03	04		05	06	07		08	09
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	=	**Total Allowed** (Watts)	≥	Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(a)3 / 170.2(e)1B (-)	=	**Total Adjusted** (Watts) *Includes Adjustments	**05 must be >= 08 140.6 / 170.2(e)**
	(See Table I)	(See Table I)	(See Table J)	(See Table K)				(See Table F)	(See Table P)			
Conditioned					=		≥			=		
Unconditioned					=		≥			=		
Controls Compliance (See Table H for Details)											COMPLIES	
Rated Power Reduction Compliance (See Table Q for Details)												

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. INDOOR LIGHTING FIXTURE SCHEDULE

This section does not apply to this project.

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Santee Community Center	Report Page:	(Page 3 of 6)
	Date Prepared:	8/22/2023

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

01	02	03	
		Field Inspector	
		Pass	Fail
Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	☐	☐
Required >= 4,000W subject to multilevel	Whole Building Auto Time Switch	☐	☐

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Skylit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1/ 170.2(e)2A	Field Inspector	
								Pass	Fail
	All Other Space Types	Readily Accessible	Dimmer	See Building Level	Included	Included	No	☐	☐
							13		
							Plan Sheet Showing Daylit Zones:		

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used .

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
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J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS

This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS

This section does not apply to this project.

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Santee Community Center	Report Page:	(Page 5 of 6)
	Date Prepared:	8/22/2023

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

T. DWELLING UNIT LIGHTING

This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Whole Building Time Switch;
NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	,
NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	Whole Building Demand Response;

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name: Santee Community Center	Report Page:	(Page 6 of 6)
Project Address: 10129 Riverwalk Drive	Date Prepared:	8/22/2023

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Company: Syska Hennessy Group, Inc.	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible Under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Sean Marcel	Responsible Designer Signature:
Company: Syska Hennessy Group, Inc.	Date Signed: 2023-08-22
Address: 401 W A St	License: E21370
City/State/Zip: San Diego CA 92101	Phone: (858)244-0360

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santee Community Center	Report Page:	(Page 1 of 10)
Project Address: 10129 Riverwalk Drive	Date Prepared:	8/22/2023

This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2I, for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.

A. GENERAL INFORMATION

01	Project Location (city)	Santee	04	Total Illuminated Hardscape Area (ft²)	0
02	Climate Zone	10			
03	Outdoor Lighting Zone per Title 24 Part 1	10.114 or as designated by Authority Having Jurisdiction (AHJ):			
☐	LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Urban Clusters	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval		
☐	LZ-1: Low - Rural Areas	☒ LZ-3: Moderately High - Urban Areas			
05	Occupancy Types within Project				

● Convention Center ● Office ● Support Areas ● Warehouse

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2I, / 180.2(b)4Bv for alterations.

My Project Consists of:		
01	02	
☒ New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6	
☐ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	○ Yes ○ No
03	04	05
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%		

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

[1] FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santee Community Center	Report Page:	(Page 2 of 10)
	Date Prepared:	8/22/2023

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2I. / 180.2(b)4Bv												Compliance Results		
01		02		03		04		05		06		07		08	09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	=	**Total Allowed** (Watts)	≥	**Total Actual** (Watts)	**07 must be >= 08**
0	+	---	+	---	+	---	+	6,111	OR	---	=	6,111	≥	6,111	COMPLIES
										Shielding Compliance (See Table G for Details)					N/A
										Controls Compliance (See Table H for Details)					Not applicable

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:16 PM

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santee Community Center	Report Page:	(Page 3 of 10)
	Date Prepared:	8/22/2023

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2I. only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description		Watts per luminaire[1,2]	How is Wattage determined	Total Number Luminaires[3]	Luminaire Status[3]	Excluded per 140.7(a) / 170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)1[4]	Field Inspector	
										Pass	Fail
AL1	AL1	☐ Linear	8	Mfr. Spec	7	New	☐	56	NA; < 6200 lumens	☐	☐
AS1	AS1	☐ Linear	24	Mfr. Spec	1	New	☐	24	NA; < 6200 lumens	☐	☐
BP1a	BP1a	☐ Linear	82	Mfr. Spec	8	New	☐	656	NA; < 6200 lumens	☐	☐
BP1b	BP1b	☐ Linear	164	Mfr. Spec	12	New	☐	1,968	NA; < 6200 lumens	☐	☐
BP2	BP2	☐ Linear	43.5	Mfr. Spec	10	New	☐	435	NA; < 6200 lumens	☐	☐
FS3	FS3	☐ Linear	7	Mfr. Spec	58	New	☐	406	NA; < 6200 lumens	☐	☐
GH2	GH2	☐ Linear	20	Mfr. Spec	2	New	☐	40	NA; < 6200 lumens	☐	☐
GH2b	GH2b	☐ Linear	20	Mfr. Spec	6	New	☐	120	NA; < 6200 lumens	☐	☐
GH3	GH3	☐ Linear	5	Mfr. Spec	99	New	☐	495	NA; < 6200 lumens	☐	☐

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santee Community Center	Report Page:	(Page 4 of 10)
	Date Prepared:	8/22/2023

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2I. only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
LS2	LS2	☐ Linear	15	Mfr. Spec	13	New	☐	195	NA; < 6200 lumens	☐	☐
RD1w	RD1w	☐ Linear	14	Mfr. Spec	49	New	☐	686	NA; < 6200 lumens	☐	☐
RD1w	RD1w	☐ Linear	14	Mfr. Spec	26	New	☐	364	NA; < 6200 lumens	☐	☐
RD3	RD3	☐ Linear	26	Mfr. Spec	2	New	☐	52	NA; < 6200 lumens	☐	☐
SD4	SD4	☐ Linear	4	Mfr. Spec	86	New	☐	344	NA; < 6200 lumens	☐	☐
WD1	WD1	☐ Linear	17	Mfr. Spec	2	New	☐	34	NA; < 6200 lumens	☐	☐
WD2	WD2	☐ Linear	59	Mfr. Spec	4	New	☐	236	NA; < 6200 lumens	☐	☐
							Total Design Watts:	6111			

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
(Ex: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

[1] FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)
[2] For linear luminaires, wattage should be indicated as W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.
[3] Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.
[4] Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santee Community Center	Report Page:	(Page 5 of 10)
	Date Prepared:	8/22/2023

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
				Field Inspector	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Pass	Fail

[1] FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.
[2] Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.
[3] Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

	01				
	"Use it or lose it" Allowance (select all that apply) (select all that apply)				
☐ General Hardscape Allowance Table I (below)	☐ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☒ Per Specific Area Table M

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santee Community Center	Report Page:	(Page 6 of 10)
	Date Prepared:	8/22/2023

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This table includes areas using the wattage allowance per specific area from Table 140.7-B /Table 170.2-S. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01	02	03	04	05	06	07	08	09	10
		CALCULATED ALLOWANCE (Watts)			DESIGN WATTS				
Area Description	Specific Area Type per Table 140.7-B	Specific Area (ft²)	Allowed Density (W/ft²)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	Additional Allowance (Watts)
LEVEL 01 SEGMENT A REAR	BuildingFacade	3000	0.2	510	GH3	5	30	150	230
					GH2b	20	4	80	
					Total Design Watts for this Area:			230	
LEVEL 01 SEGMENT A FRONT	BuildingFacade	1750	0.2	297.5	GH2	20	2	40	205
					GH2b	20	2	40	
					GH3	5	25	125	
					Total Design Watts for this Area:			205	

REGISTERED PROFESSIONAL ENGINEER SEAN MARCEL No. E21370 EXP. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **E0.03**
SHEET 06 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - TITLE 24 COMPLIANCE

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Keynotes:

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	Santee Community Center	Report Page:	(Page 7 of 10)
		Date Prepared:	8/22/2023

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA										
LEVEL 01 SEGMENT A BALCONY	NonSalesCanopy	2500	0.3	675	AS1	24	1	24	598	
					RD1w	14	41	574		
					Total Design Watts for this Area:				598	
LEVEL 01 SEGMENT B BALCONY	NonSalesCanopy	1800	0.3	486	FS3	7	40	280	392	
					RD1w	14	8	112		
					Total Design Watts for this Area:				392	
LEVEL 01 SEGMENT B FRONT	BuildingFacade	1750	0.2	297.5	AL1	8	7	56	276	
					GH3	5	44	220		
					Total Design Watts for this Area:				276	
LEVEL 02 SEGMENT A FRONT BALCONY	NonSalesCanopy	1000	0.3	270	LS2	15	13	195	247	
					RD3	26	2	52		
					Total Design Watts for this Area:				247	
LEVEL 02 SEGMENT A REAR BALCONY	NonSalesCanopy	2250	0.3	607.5	RD1w	14	26	364	490	
					FS3	7	18	126		
					Total Design Watts for this Area:				490	
LEVEL 02 SEGMENT B BALCONY	NonSalesCanopy	2000	0.3	540	SD4	4	86	344	344	
					Total Design Watts for this Area:				344	

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	Santee Community Center	Report Page:	(Page 8 of 10)
		Date Prepared:	8/22/2023

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA										
WEST PARKING LOT	SalesLot	71246.9	0.3	19949.1	BP1a	82	5	410	1394	
					BP1b	164	6	984		
					Total Design Watts for this Area:				1394	
SOUTHEAST PARKING LOT	SalesLot	85633.2	0.3	23977.3	WD1	17	2	34	1935	
					WD2	59	4	236		
					BP2	43.5	10	435		
					BP1a	82	3	246		
					BP1b	164	6	984		
					Total Design Watts for this Area:				1935	
					Total Allowance (Watts) All Areas:				6111	

[1] *FOOTNOTES: See Table 140.7-B /Table 170.2-5 for rules for calculating the specific areas (ft²) for these additional lighting allowances.*
[2] *For luminaires indicated in Table F as linear, wattage in column 07 is W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.*

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
This section does not apply to this project.

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	Santee Community Center	Report Page:	(Page 9 of 10)
		Date Prepared:	8/22/2023

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
There are no NRCA forms required for this project.

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	Santee Community Center	Report Page:	(Page 10 of 10)
Project Address:	10129 Riverwalk Drive	Date Prepared:	8/22/2023

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Company: Syska Hennessy Group, Inc.	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Sean Marcel	Responsible Designer Signature:
Company: Syska Hennessy Group, Inc.	Date Signed: 2023-08-22
Address: 401 W A St	License: E21370
City/State/Zip: San Diego CA 92101	Phone: (858)244-0360

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-ELC-E
This document is used to demonstrate compliance with mandatory requirements in 130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and 160.6 and 160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per 141.0(a) or 141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per 180.1(a) or 180.2 (b)4Bvii			
Project Name:	Santee Community Center	Report Page:	(Page 1 of 4)
Project Address:		Date Prepared:	2025-03-14T13:39:40-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Santee	02 Climate Zone	10
			03 Occupancy Types Within Project:	AuditoriumClassroomOffice

B. PROJECT SCOPE
This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/ Description	Scope of Work[1]	Rating[2] (kVA)	Utility Provided Metering System Exception to 130.5(a)/ 160.6(a)[3]	System subject to CA Elec Code Article 517 Exception to 130.5(a)and (b)	Demand Response Controls	Provides power to dwelling units/common living areas only in multifamily occupancy
Service transformer and panel located on the north-west side of the building and is shown in EP1.21 sheet of the drawings	Add/Alt to feeders and branch circuits only	---	☐	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections 120.2/ 160.3, 130.1/ 160.5, and 130.3/ 160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐

[1] *FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)/160.6(c), no other requirements from 130.5/160.6 are required.*
[2] *If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.*
[3] *Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.*

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-ELC-E
Project Name:	Santee Community Center	Report Page:	(Page 2 of 4)
		Date Prepared:	2025-03-14T13:39:40-04:00

C. COMPLIANCE RESULTS
Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

01		02		03		04	05	06
Service Electrical Metering 130.5(a)/ 160.6(a) (See Table F)	AND	Separation for Monitoring 130.5(b)/ 160.6(b) (See Table G)	AND	Voltage Drop 130.5(c)/ 160.6(c) (See Table H)	AND	Controlled Receptacles 130.5(d)/ 160.6(d) (See Table I)	Electric Ready 160.9 (See Table J)	**Compliance Results**
	AND		AND	Yes	AND			COMPLIES

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

H. VOLTAGE DROP
This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with 130.5(c)/ 160.6(c). For alterations, only the altered circuits must demonstrate compliance per 141.0(b)2P(iv)/ 180.2(b)4Biv.

01	02			03	04	05	
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method			Location of Voltage Drop Calculations[1]	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
						Pass	Fail
Service transformer and panel located on the north-west side of the building and is shown in EP1.21 sheet of the drawings	☒ Voltage drop less than 5%	☐	Permitted by CA Elec Code (Exception to 130.5(c))*	In construction documents	E0.05	☐	☐

** NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.*
[1] *FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".*

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-ELC-E
Project Name:	Santee Community Center	Report Page:	(Page 3 of 4)
		Date Prepared:	2025-03-14T13:39:40-04:00

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-ELC-E - Must be submitted for all buildings

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
There are no NRCA forms required for this project.

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-ELC-E
Project Name:	Santee Community Center	Report Page:	(Page 4 of 4)
Project Address:		Date Prepared:	2025-03-14T13:39:40-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Hasib Neekzad	Documentation Author Signature:
Company:	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Sean Marcel	Responsible Designer Signature:
Company: Syska Hennesy Group	Date Signed: 3/14/2025
Address: 401 West B Street, Suite 1805	License: E21370
City/State/Zip: San Diego, CA 92101	Phone: (858) 244-0876

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:16 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCEL
No. E21370
Ex. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED 08/26/2025	CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS			HORIZ:	RF	GM	TS	BY PROJECT ENGINEER	IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER	CIP 2018-31	E0.04
INSPECTOR:							VERT:	PLANS PREPARED UNDER THE SUPERVISION OF						SHEET 207 OF 294
DATE COMPLETED								RCE NO.		DATE EXPIRES				

SANTEE COMMUNITY CENTER - TITLE 24 COMPLIANCE

100% CONSTRUCTION DOCUMENTS - 01/12/2024

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Keynotes:

STATE OF CALIFORNIA
Solar And Battery
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-SAB-E
This document is used to demonstrate compliance with prescriptive PV and battery requirements in 140.10/ 170.2 for nonresidential, multifamily and mixed-use buildings and prescriptive solar thermal requirements in 170.2(d)3C for multifamily and hotel/ motel occupancies. When PV/battery/solar thermal requirements don't apply or are traded using the performance approach, this document demonstrates compliance with mandatory solar readiness requirements in 110.10/ 160.8 for newly constructed buildings which are either multifamily ten stories or fewer, hotel/motel ten stories or fewer or all other nonresidential buildings three stories or fewer. It is also used to demonstrate compliance with solar readiness in 110.10/ 160.8 for additions to nonresidential, multifamily or hotel/motel building types which add more than 2,000 ft^2 of roof area. Alterations, or additions of less than 2,000 ft^2 of roof area, are not required to comply with solar readiness, solar PV and battery requirements and do not need to complete this document.	
Project Name: Santee Community Center	**Report Page:** (Page 1 of 6)
Project Address:	**Date Prepared:** 2025-03-14T13:05:46-04:00

A. GENERAL INFORMATION					
01	Project Location (city)	Santee	04	Building Occupancies	Convention Center
02	Climate Zone	10	05	Construction Type	New construction
03	Conditioned Floor Area (ft^2)	11978	06	Number of Stories	Bldg <= 3 stories

B. PROJECT SCOPE

The compliance path the project is using to comply per 110.10(b)1B/ 140.10/ 170.2(g and h) is indicated below.

Compliance with Solar Photovoltaic (PV) and Battery Requirements in 140.10/ 170.2(g and h)

01		
☒	Provided PV system and battery storage sized per 140.10/ 170.2 (g and h)	The project has included an installed PV system and battery storage system per requirements in 140.10/ 170.2(g and h) as documented in Table J.
☐	Exception to PV and Battery: Not enough Solar Access Roof Area	The total of all available Solar Access Roof Area(s) of the project site is less than three percent of the conditioned floor area as documented in Table J.
☐	Exception to PV and Battery: Required PV < 4kW	The required PV system size is less than 4 kW dc as documented in Table J..
☐	Exception to PV and Battery: No contiguous Solar Access Roof Area	The Solar Access Roof Area(s) of the project site contains less than 80 contiguous square feet as documented in Table J.
☐	Exception to PV and Battery: Can't meet snow load	The project has a roof design where the enforcement authority has verified it is not possible for the PV system, including panels, modules, components, supports, and attachments to the roof structure, to meet ASCE 7-16 Chapter 7, Snow Loads.
☐	Exception to PV and Battery: Multi-tenant without VNEM or Community Solar	The project is a multi-tenant building in an area where a load serving entity does not provide either a Virtual Net Metering (VNEM) or community solar program.
☐	The prescriptive PV/battery requirement has been traded off using the performance compliance approach as documented on the PRF Certificate of Compliance form.	

STATE OF CALIFORNIA
Solar And Battery
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-SAB-E
Project Name: Santee Community Center	**Report Page:** (Page 2 of 6)
	Date Prepared: 2025-03-14T13:05:46-04:00

Compliance with Solar Thermal Water Heating Requirements in 170.2(d)3C (Multifamilly and hotel/ motel occupancies only)

01	
☐	The project includes a hotel/motel or multifamily occupancy with a gas or propane central water-heating system (serves 2+ dwelling units) and includes a permanently installed domestic solar water-heating system to comply with 170.2(d)3C and Reference Residential Appendix RA4, as documented in Table H. Compliance meets Exception 2 to solar ready requirements in 110.10(b).

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance or see the applicable Table referenced below.

Allocated Solar Zone				Installed PV System				Installed SWH System				Smart Tstat and Alternative EE Measure		Compliance Results
01		02		03		04		05		06		07	08	
Required Minimum Area (ft^2)	<=	Designated Area (ft^2)	OR	Required Minimum DC Power Rating (Watts)	<=	Designed DC Power Rating (Watts)	OR	Required Minimum Solar Savings Fraction	<=	Designed/Rated Solar Savings Fraction	OR	JA5 Compliant Thermostat Specified?	Alternative Energy Efficiency Measure	COMPLIES
(See Table F)				(See Tables G or J)				(See Table H)				(See Table I)		
	<=		OR	5,270	<=	18,000	OR		<=		OR			
Location in construction documents showing the location for inverters and metering equipment and a pathway for the routing of conduit/ plumbing to the electrical service/ water heating system per §110.10(c).														
Battery storage system design meets the minimum requirements in Joint Appendix JA12 and the minimum energy (kWh)/ power (kW) capacity per Table J.														COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table is includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA
Solar And Battery
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-SAB-E
Project Name: Santee Community Center	**Report Page:** (Page 3 of 6)
	Date Prepared: 2025-03-14T13:05:46-04:00

F. ALLOCATED SOLAR ZONE

This section does not apply to this project.

G. PERMANENTLY INSTALLED SOLAR PV FOR SOLAR READY EXCEPTION

This section does not apply to this project.

H. PERMANENTLY INSTALLED SOLAR HOT WATER SYSTEMS

This section does not apply to this project.

I. SMART THERMOSTATS AND ALTERNATIVE EFFICIENCY MEASURE FOR SOLAR READY EXCEPTION

This section does not apply to this project.

STATE OF CALIFORNIA
Solar And Battery
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-SAB-E
Project Name: Santee Community Center	**Report Page:** (Page 4 of 6)
	Date Prepared: 2025-03-14T13:05:46-04:00

J. PHOTOVOLTAIC (PV) AND BATTERY SYSTEMS

This table documents compliance with prescriptive photovoltaic and battery system requirements in 140.10/ 170.2(g and h). Unless the project meets one of the listed exceptions, or trades-off PV in an energy model using performance path, 140.10/ 170.2(g and h) requires installed photovoltaic and battery systems for newly constructed buildings. The installed PV systems must meet the minimum requirements in Joint Appendix 11.

Photovoltaic (PV) System

01	02	03	04	05	06	07	08
Occupancy	Conditioned Floor Area (ft^2)	Area of New Roof[1] (ft^2)	Roof Area < 70% Solar Access[2] (ft^2)	Plansheet or Document showing Solar Access Calculations	Occupied Roof Area[3] (ft^2)	Solar Access Roof Area (SARA) (ft^2)	Min Size of PV System Required (kWdc)
Convention Center	11,978	11,978	0	Electrical Drawings	0	11,978	5.27
						Total Min Size PV System Required for all Spaces (kWdc):	5.27
						Total Size PV System in Design (kWdc):	18

[1]FOOTNOTES: Includes the area of the building's roof space capable of structurally supporting a PV system and the area of all roof space on covered parking areas, carports, and all other newly constructed structures on the site that are compatible with supporting a PV system per Title 24, Part 2 Section 1511.2.
[2]Solar access must be determined using CEC approved solar access calculation tools found at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/solar-assessment-tools.
[3]As specified by CBC Section 503.1.4.

Battery Storage System

01	02	03	04	05
Space Type	Min Size of PV Applicable To Battery Sizing (kWdc)	Rated Single Charge-Discharge AC Efficiency of Battery System[1]	Min Battery Rated Energy Capacity Required (kWh)	Min Power Capacity of Battery Required (kWdc)
Convention Center	5.27	0.8	5.47	1.21
		Total Min Energy (kWh) and Power (kW) Capacity Required	0	0
		Total Energy (kWh) and Power (kW) Capacity in Design	0	0

[1]FOOTNOTE: Rated single charge-discharge cycle AC to AC (round trip) efficiency of the battery storage system

STATE OF CALIFORNIA
Solar And Battery
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-SAB-E
Project Name: Santee Community Center	**Report Page:** (Page 5 of 6)
	Date Prepared: 2025-03-14T13:05:46-04:00

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included Table E. Additional Remarks and ExceptionalConditionMessageCCSABE += UserChangedSelectionInCI. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-SAB-01-E - Must be submitted for all buildings that must comply with solar readiness or PV/Battery requirements.

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no forms required for this project.

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # BCNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

STATE OF CALIFORNIA
Solar And Battery
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-SAB-E
Project Name: Santee Community Center	**Report Page:** (Page 6 of 6)
Project Address:	**Date Prepared:** 2025-03-14T13:05:46-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Lindsay Bilger	Lindsay Bilger
Company: Syska Hennessy Group	Signature Date: 03/14/2025
Address: 401 W A St. Suite 1850	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: San Diego, CA 92101	Phone: +1 858-244-0872

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Responsible Designer Signature:
Company:	Date Signed:
Address:	License:
City/State/Zip:	Phone:

INTERWEST A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:16 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARC E.
No. E21370
EXP. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

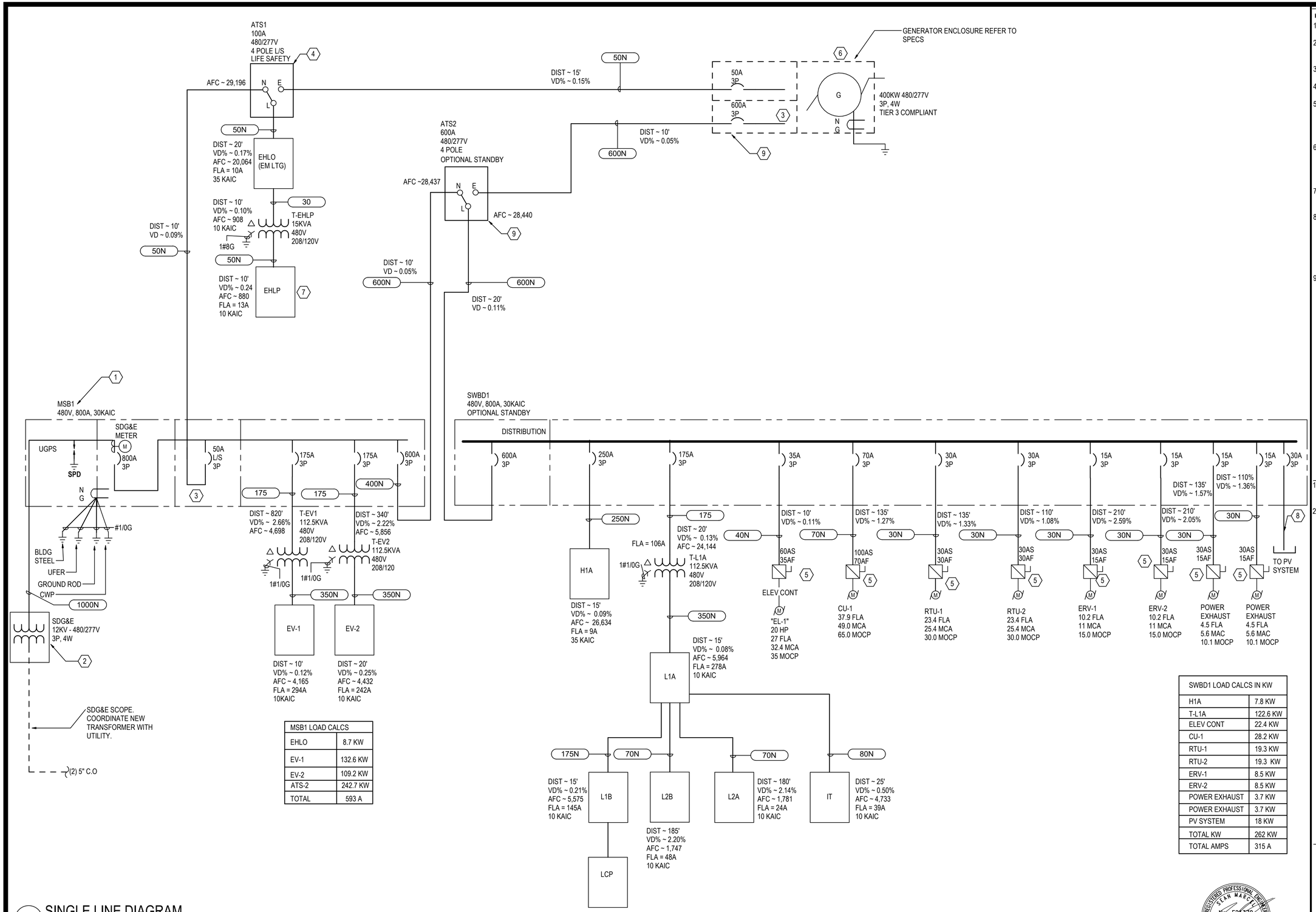
DRAWING NO.: E0.05
SHEET 208 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - TITLE 24 COMPLIANCE

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



MSB1 LOAD CALCS	
EHLO	8.7 KW
EV-1	132.6 KW
EV-2	109.2 KW
ATS-2	242.7 KW
TOTAL	593 A

SWBD1 LOAD CALCS IN KW	
H1A	7.8 KW
T-L1A	122.6 KW
ELEV CONT	22.4 KW
CU-1	28.2 KW
RTU-1	19.3 KW
RTU-2	19.3 KW
ERV-1	8.5 KW
ERV-2	8.5 KW
POWER EXHAUST	3.7 KW
POWER EXHAUST	3.7 KW
PV SYSTEM	18 KW
TOTAL KW	262 KW
TOTAL AMPS	315 A

Keynotes:

1. 30KAIC PER SDG&E SERVICE STANDARD AND GUIDES SHEET SG 006.2 TABLE 2.
2. PER SDG&E REQUIREMENTS THE PAD SIZE ON SITE NEED TO HAVE 8" CLEARANCE IN THE FRONT AND 3" CLEARANCE ON THE SIDE.
3. PROVIDE SEPARATE BARRIER COMPARTMENT FOR LIFE SAFETY CIRCUIT BREAKER.
4. PER NEC ARTICLE 700 SECTION 700.5.(E) LIFE SAFETY ATS IS REQUIRED.
5. MECHANICAL CONTRACTOR TO CONFIRM IF MECHANICAL UNITS ARE PROVIDED WITH INTERNAL DISCONNNECTS. IF CONFIRMED, ADDITIONAL DISCONNECTS ARE NOT REQUIRED.
6. PER CEC 445.18, EMERGENCY STOP SWITCH SHALL BE LOCATED OUTSIDE GENERATOR ENCLOSURE. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER FOR EXACT LOCATION.
7. PROVIDE RATED SPD DEVICE FOR THE PANEL. REFER TO PANEL SCHEDULE FOR THE PANEL RATING.
8. BASIS OF DESIGN IS "3#10 + 1#12G IN 2" C" TO AN 18KW DESIGN BUILT SOLAR SYSTEM ON THE ROOF. DESIGN DETAILS PROVIDING THE NUMBER OF SOLAR PANELS, INVERTERS, CHARGE CONTROLLERS, AND BATTERY STORAGE SYSTEM, AND WIRE SIZE SHALL BE PROVIDED BY THE CONTRACTOR.
9. CONTROL WIRING BETWEEN ATS AND GENERATOR IN A SEPARATE CONDUIT.

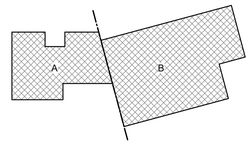
Notes:

1. ATS'S SHALL PROVIDE A SHUNT TRIP CIRCUIT CLOSURE TO TRIP THE PV-BATTERY BREAKER UPON LOSS OF NORMAL POWER.
2. A MINIMUM OF 42 KA SWITCH RATING NEEDS TO BE BASED OFF OF KA RATING PER OUR DESIGN. MANUFACTURER SPECIFIC BREAKERS.

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

Approved
08/01/2025 3:22:16 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
SEAN MARCH
No. E21370
EX. 07/31/2026
ELECTRICAL
STATE OF CALIFORNIA

1 SINGLE LINE DIAGRAM
SCALE: 12" = 1'-0"

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SANTEE COMMUNITY CENTER - SINGLE LINE DIAGRAM

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 12" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

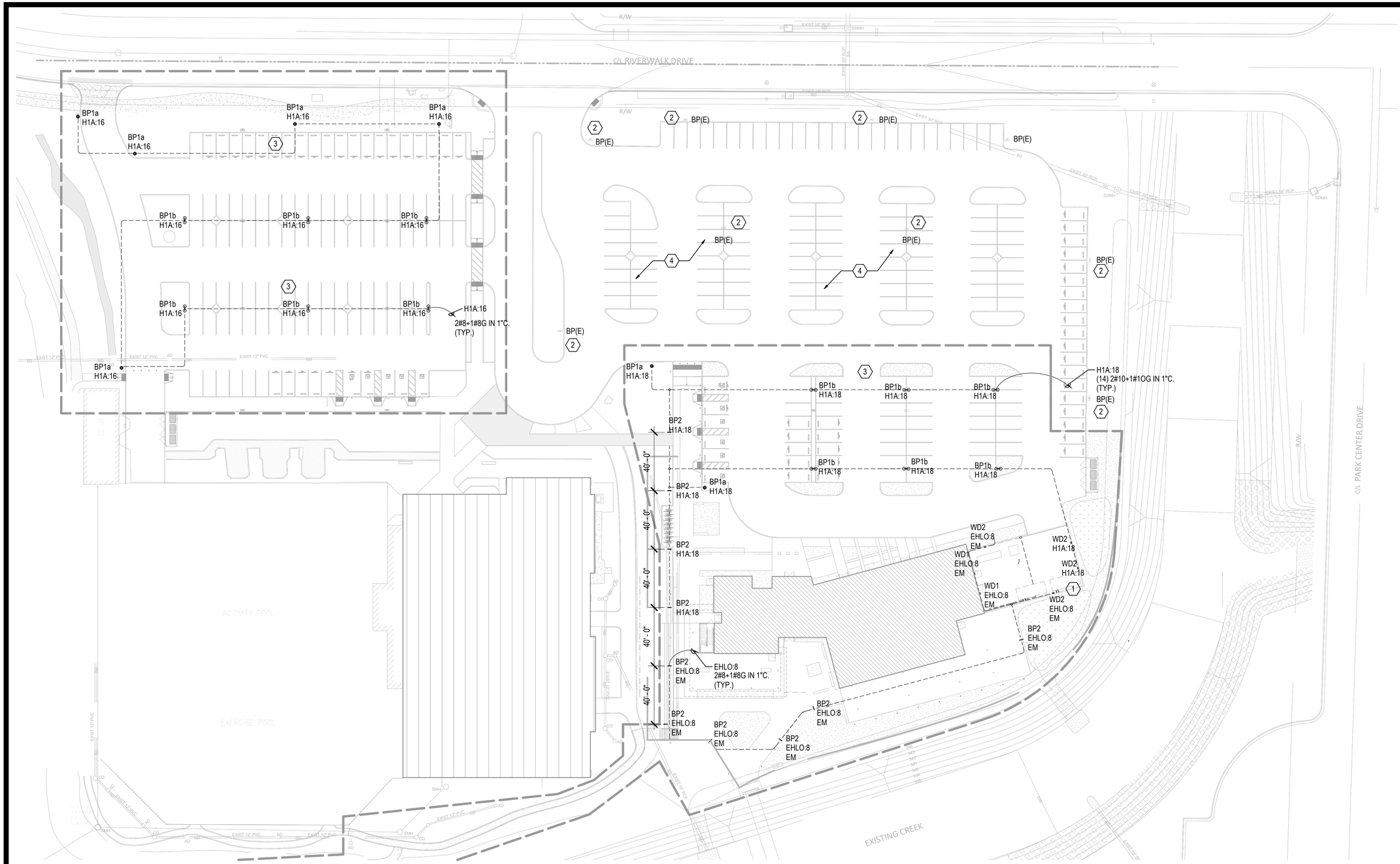
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: E0.06
SHEET 209 OF 294

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1 E1.21 SITE LIGHTING PLAN
1/32" = 1'-0"

Keynotes:

1. INSTALL WALLPACKS 6" BELOW THE TOP OF FENCE WALL. CONTRACTOR TO COORDINATE POSITIONS OF LUMINIARES ON FENCE WALL ADJACENT TO SLIDING FENCE DOOR, TO AVOID CONFLICT WITH SLIDING. LIGHT FIXTURES ON MASONRY WALLS HAVE CONDUITS INSIDE OF CMU CELLS WITH RECESSED BOXES.
2. EXISTING SITE LIGHTING TO REMAIN. CONTRACTOR TO VERIFY THE CONDITION OF POLES AND NOTIFY LIGHTING DESIGNER AS NEEDED. CLEAN AND UPGRADE TO MANUFACTURERS LED RETROFIT KIT FOR LUMINAIRE, OR REPLACE WITH MANUFACTURER'S LED LUMINAIRE TO MATCH EXISTING LIGHT FIXTURE.
3. REFER TO SHEET E6.02 DETAIL 1 FOR SITE PARKING LOT POLE BASE STRUCTURAL DESIGN DETAIL.
4. EXISTING SITE LIGHTING TO REMAIN OUTSIDE CURRENT LIGHTING SCOPE AREA.

Notes:

1. POLES INSTALLED IN PARKING BAYS REQUIRE CONCRETE PEDESTAL. CONTRACTOR TO COORDINATE WITH STRUCTURAL FOR FOOTING SPECIFICATIONS AND DETAILS, ARCHITECT TO COORDINATE.
2. REFER TO SHEET E6.02 DETAIL 1 FOR SITE PARKING LOT POLE BASE STRUCTURAL DESIGN DETAIL

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENCY POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

Santee DO MORE • DO EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A Bellfour Company
Approved
08/01/2025 3:22:16 PM

TN

REGISTERED PROFESSIONAL ENGINEER SEAN MARCO No. E21370 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL SITE LIGHTING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/32" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

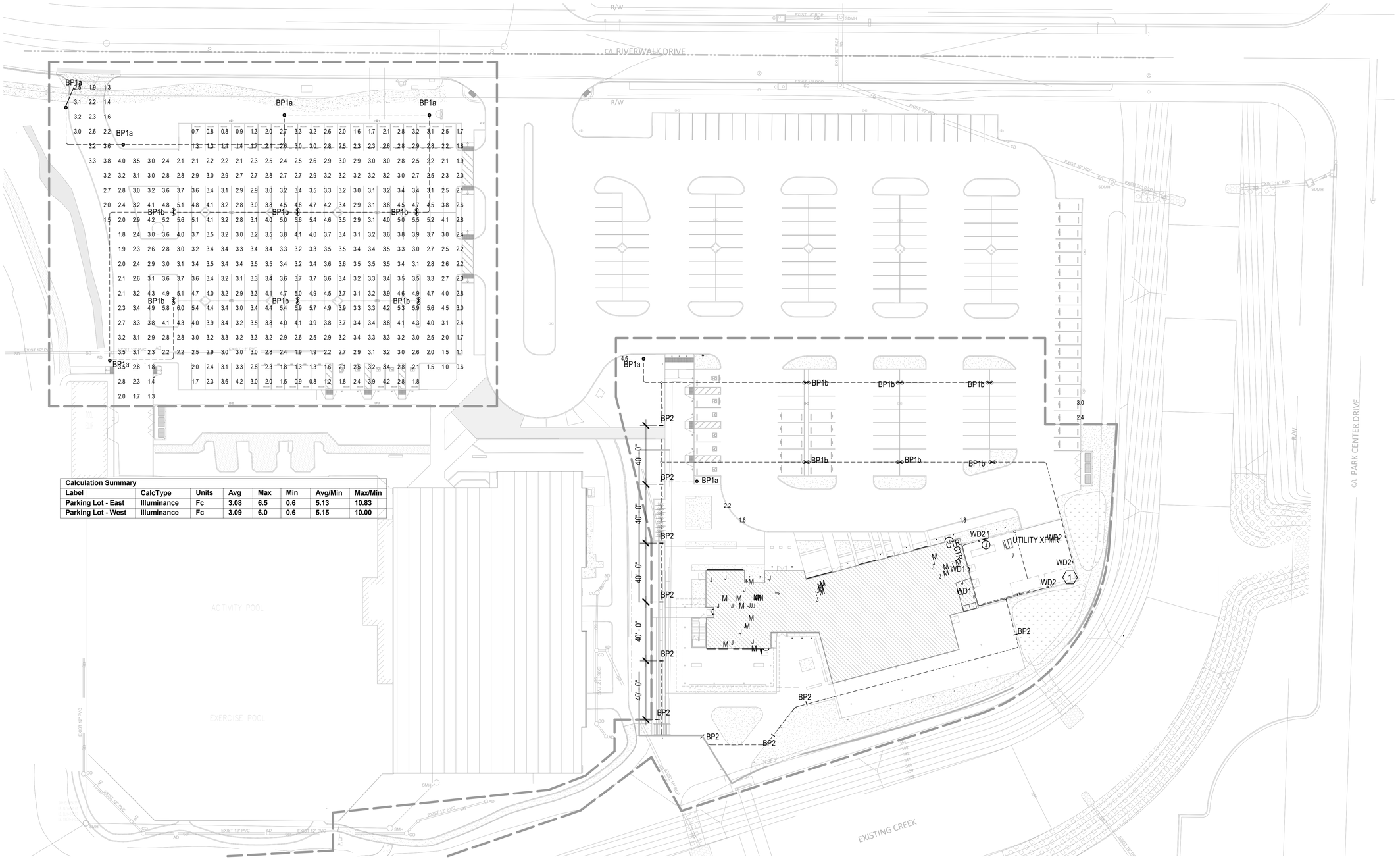
REVIEWED 08/26/2025
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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **E1.21**
SHEET 210 OF 294

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Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Parking Lot - East	Illuminance	Fc	3.08	6.5	0.6	5.13	10.83
Parking Lot - West	Illuminance	Fc	3.09	6.0	0.6	5.15	10.00

1 / E1.22 SITE LIGHTING PHOTOMETRIC PLAN
1/32" = 1'-0"

Keynotes:

Notes:

1. POLES INSTALLED IN PARKING BAYS REQUIRE CONCRETE PEDESTAL. CONTRACTOR TO COORDINATE WITH STRUCTURAL FOR FOOTING SPECIFICATIONS AND DETAILS, ARCHITECT TO COORDINATE.
2. EXISTING LIGHT POLES OUTSIDE THE SCOPE AREA TO REMAIN. CLEAN LUMINAIRES, THEIR LENS AND SERVICE ANY DAMANGED LUMINAIRES FOR BETTER PERFORMANCE.

Santee
GO WILD A LOT EAST

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASandre
Date: Aug 22, 2025

INTERWEST
A SAFEbuilt company
Approved
08/01/2025 3:22:16 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCY
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL SITE LIGHTING PHOTOMETRIC PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

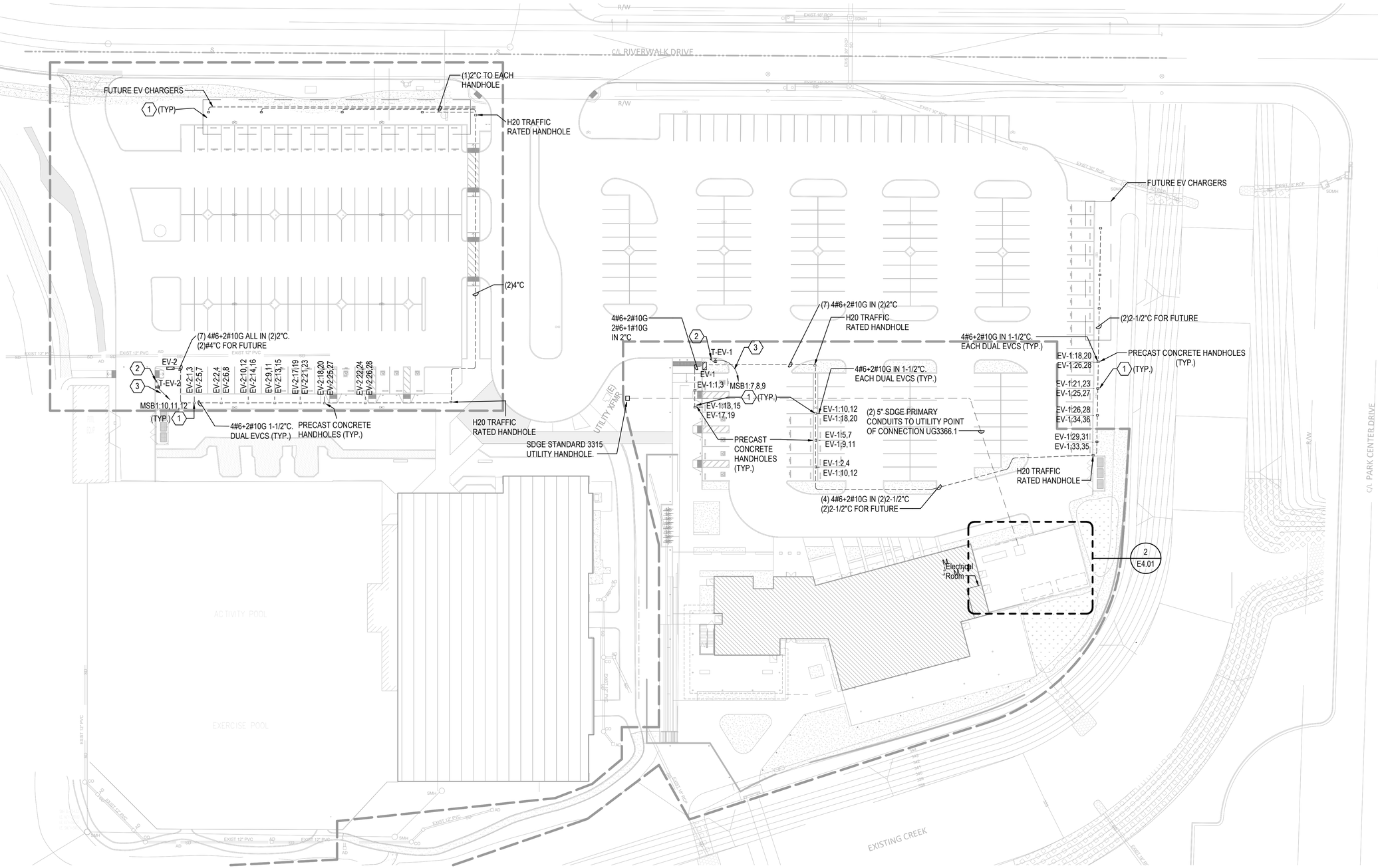
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: E1.22
SHEET 211 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 EP1.21 POWER SITE PLAN
1/32" = 1'-0"

Keynotes:

1. EACH DUAL EV CHARGING STATION TO GET 4#6 + 2#10G IN 1-1/2"C FROM PRECAST HANDHOLE TO CHARGING STATION. TYP.
2. PROVIDE 480V THREE PHASE, 200A NEMA 3R FUSED DISCONNECT SWITCH WITH 175A RK1 FUSES WITH MANUFACTURER SHOP DRAWINGS PRIOR TO INSTALLATION.
3. RUN UNDERGROUND CONDUITS AND CABLES TO THE ELECTRICAL ROOM. REFER TO ONELINE DIAGRAM FOR CABLE AND CONDUIT SIZES.

Notes:

1. ONLY (16) EV CHARGERS REQUIRED PER ARCHITECTURAL PLANS
2. UNDERGROUND FEEDERS TO BE 30" TO 36" BELOW GRADE.
3. REFER TO DETAILS SHEET E6.02 DETAIL #4 FOR UNDERGROIND TRENCH DETAIL.

Santee
DO MORE • DO EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Law or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:16 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCH
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL POWER SITE PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

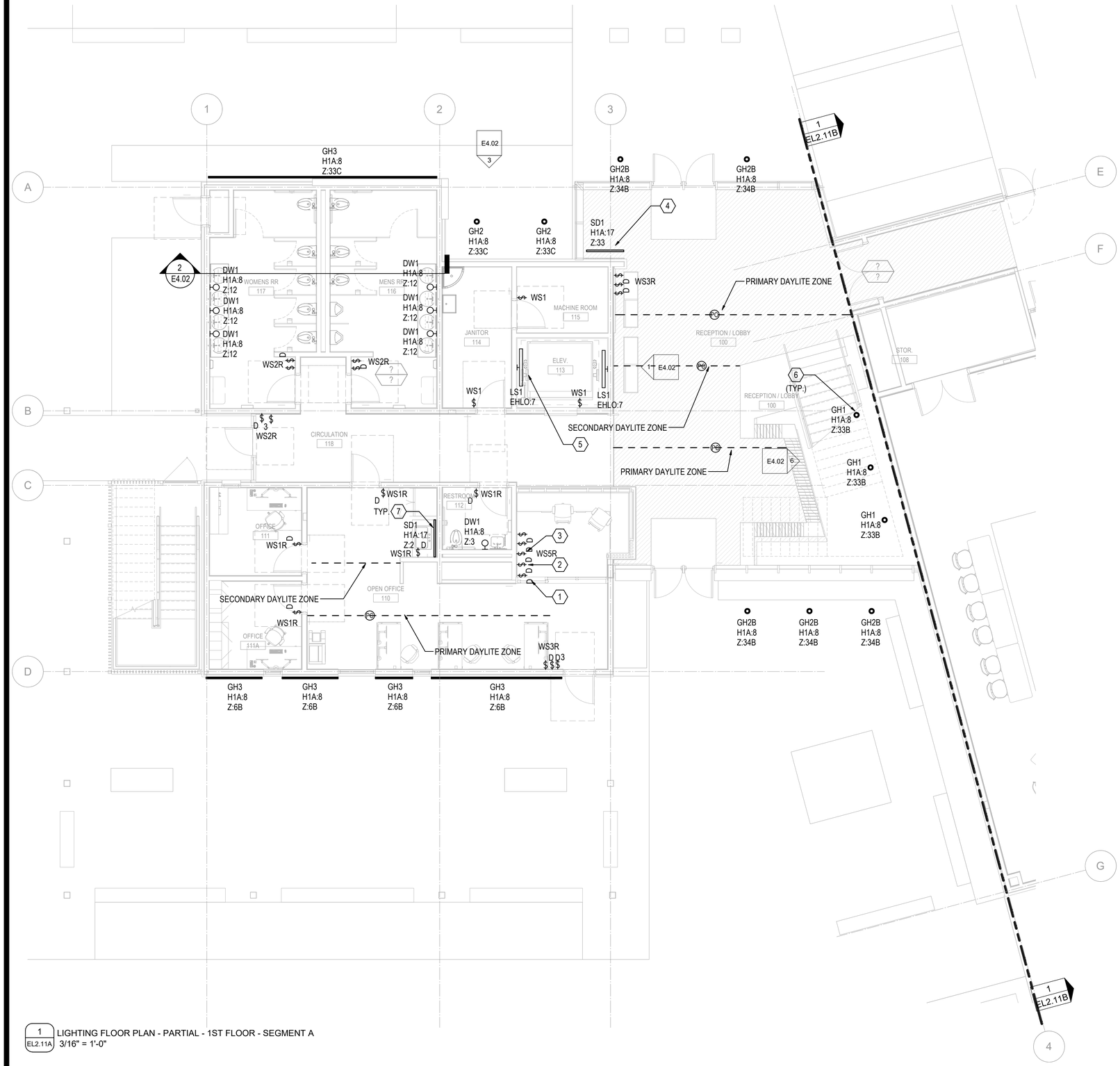
PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	EP1.21
	SHEET 212 OF 294

Please Recycle



1 EL2.11A LIGHTING FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT A
3/16" = 1'-0"

Keynotes:

1. DIMMER SWITCH FOR OFFICE.
2. DIMMER SWITCH FOR RECPTION/LOBBY.
3. DIMMER SWITCH FOR EXTERIOR EVENT DECK.
4. LED STRIP MOUNTED TO UNDERSIDE OF SHELF FOR DOWNLIGHTING.
5. FIXTURES MOUNTED INSIDE ELEVATOR SHAFT FOR SERVICE.
6. INGRADE UPLIGHT RECESSED IN FLOOR UNDER THE STAIRS.
7. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR.

Notes:

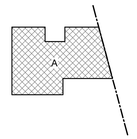
1. REFER TO SHEET EL3.11A FOR REFLECTED CEILING MOUNTED LIGHTS
2. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
3. ALL EMERGENCY FIXTURES ON UL-924 SHUNT RELAY TO REMAIN AT FULL OUTPUT DURING EMERGENCY POWER. FIXTURES TO DIM ONLY DURING NORMAL POWER.
4. PROVIDE UL-924 RELAY FOR ALL LUMINAIRES DESIGNATED AS 'EM'. PROVIDE UNSWITCHED HOT RELAY PER MANUFACTURER'S REQUIREMENTS.
5. 'WS##' AT WALL BOX SWITCHES INDICATE MULTI BUTTON PROGRAMMABLE KEYPAD BY LUTRON FOR LIGHTING CONTROLS. PROVIDE SINGLE KEYPAD WITH BUTTONS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENCY POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

KEY PLAN:



PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:16 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARCELLO No. E21270 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Paylon Tarnico PROJECT ENGINEER

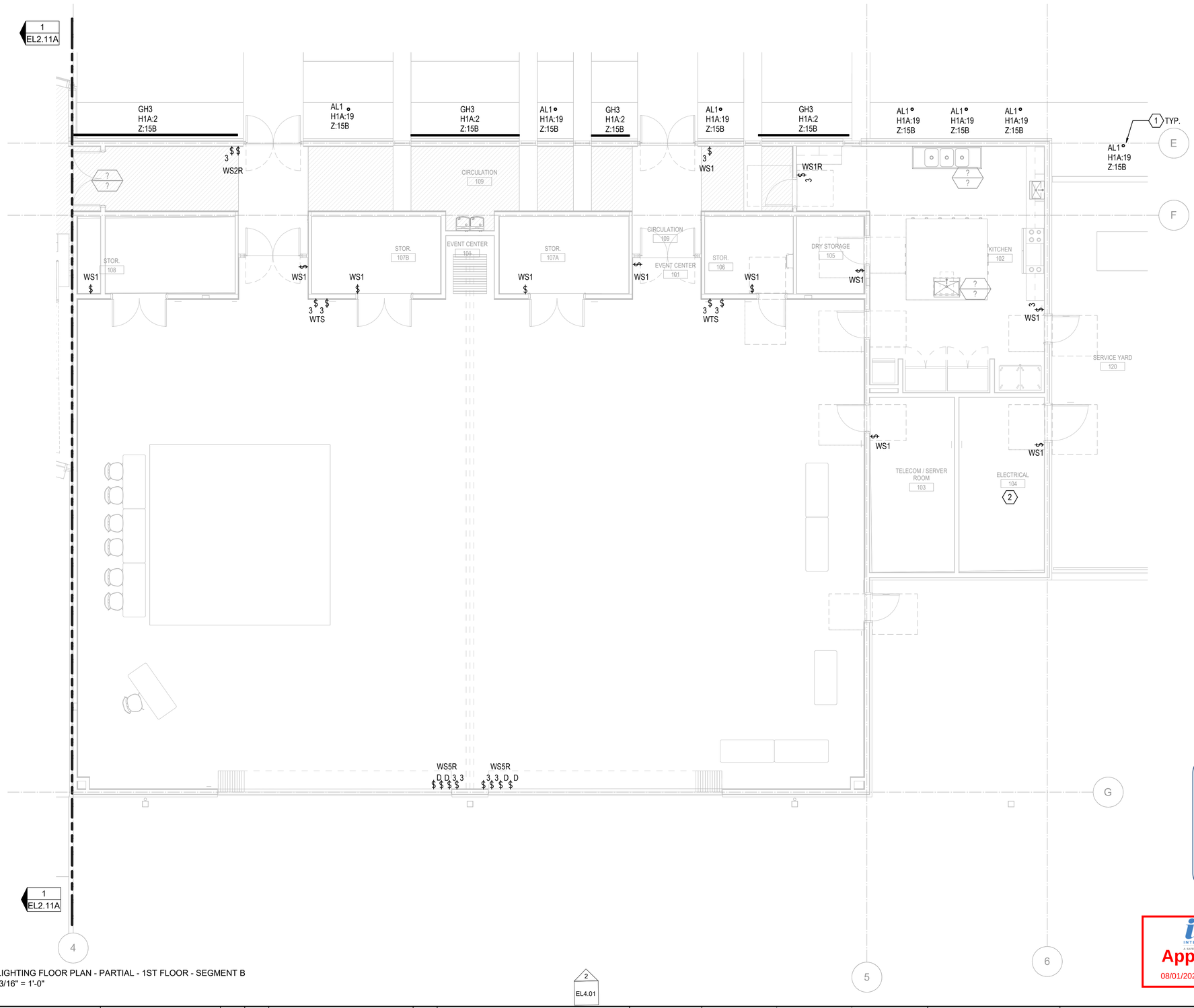
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL2.11A

SHEET 213 OF 294

Please Recycle



1 EL2.11B LIGHTING FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT B
3/16" = 1'-0"

Keynotes:

1. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR.
2. LOCATE LUTRON CONTROL STATION AND PROCESSOR IN ELECTRICAL ROOM - INSTALL PER MANUFACTURER RECOMMENDATIONS

Notes:

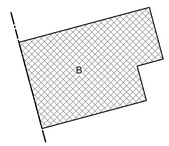
1. REFER TO SHEET EL3.11B FOR REFLECTED CEILING MOUNTED LIGHTS.
2. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
3. ALL EMERGENCY FIXTURES ON UL-924 SHUNT RELAY TO REMAIN AT FULL OUTPUT DURING EMERGENCY POWER. FIXTURES TO DIM ONLY DURING NORMAL POWER.
4. PROVIDE UL-924 RELAY FOR ALL LUMINAIRES DESIGNATED AS 'EM'. PROVIDE UNSWITCHED HOT RELAY PER MANUFACTURER'S REQUIREMENTS.
5. 'WS##' AT WALL BOX SWITCHES INDICATE MULTI BUTTON PROGRAMMABLE KEYPAD BY LUTRON FOR LIGHTING CONTROLS. PROVIDE SINGLE KEYPAD WITH BUTTONS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENCY POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

KEY PLAN:



PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:16 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARCEL No. E21270 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA
PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
DATE
RCE NO. EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

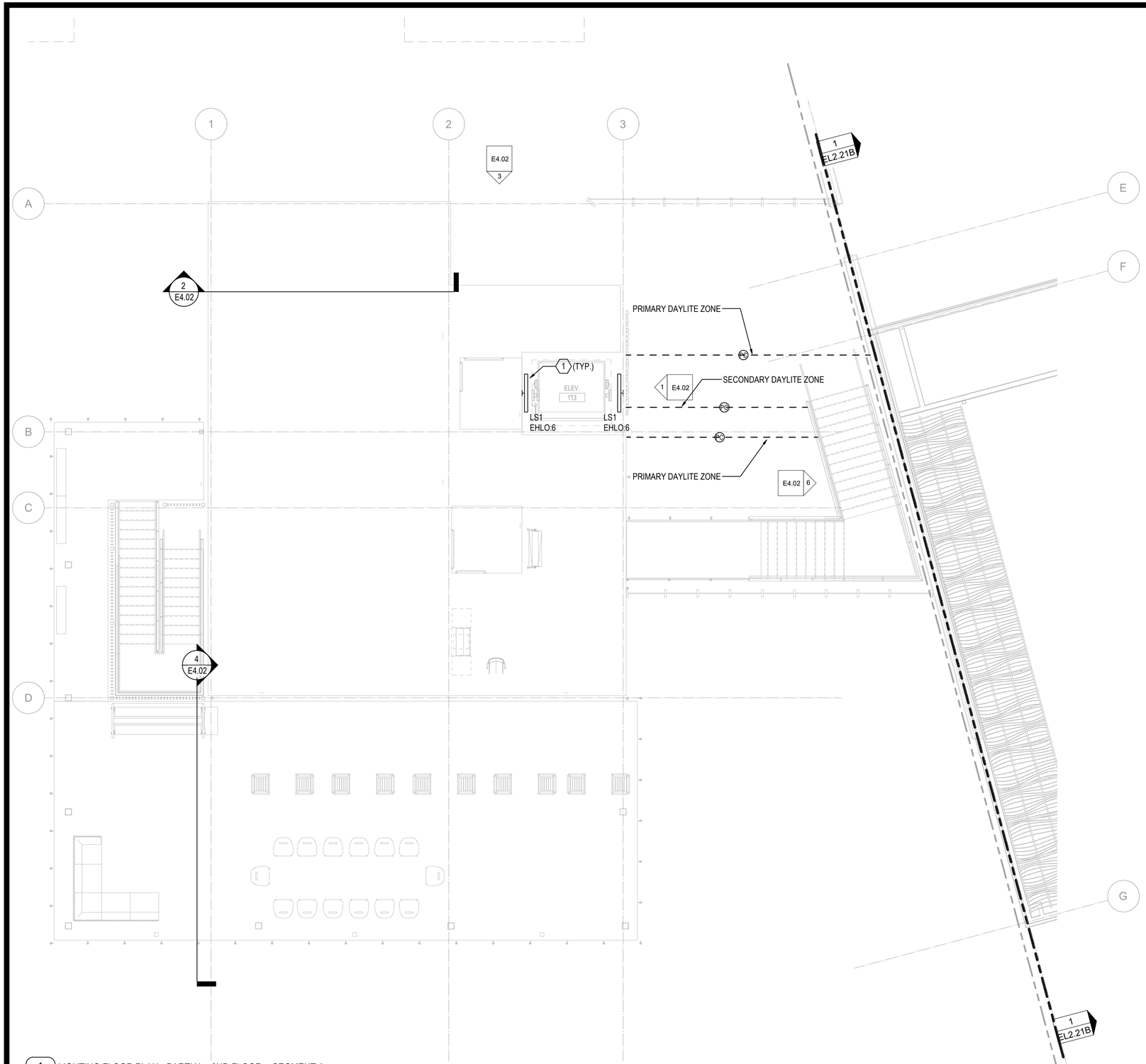
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL2.11B
SHEET 214 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 EL2.21A LIGHTING FLOOR PLAN - PARTIAL - 2ND FLOOR - SEGMENT A
3/16" = 1'-0"

Keynotes:

1. FIXTURES MOUNTED INSIDE ELEVATOR SHAFT FOR SERVICE.

Notes:

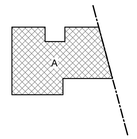
1. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
2. ALL EMERGENCY FIXTURES ON UL-924 SHUNT RELAY TO REMAIN AT FULL OUTPUT DURING EMERGENCY POWER. FIXTURES TO DIM ONLY DURING NORMAL POWER
3. PROVIDE UL-924 RELAY FOR ALL LUMINAIRES DESIGNATED AS 'EM'. PROVIDE UNSWITCHED HOT RELAY PER MANUFACTURER'S REQUIREMENTS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENCY POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

KEY PLAN:



Santee
DO MORE • DUE EAST

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APPROVED FOR CONSTRUCTION
Permit # BC**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:16 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCELLI
No. E21270
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

TN
PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

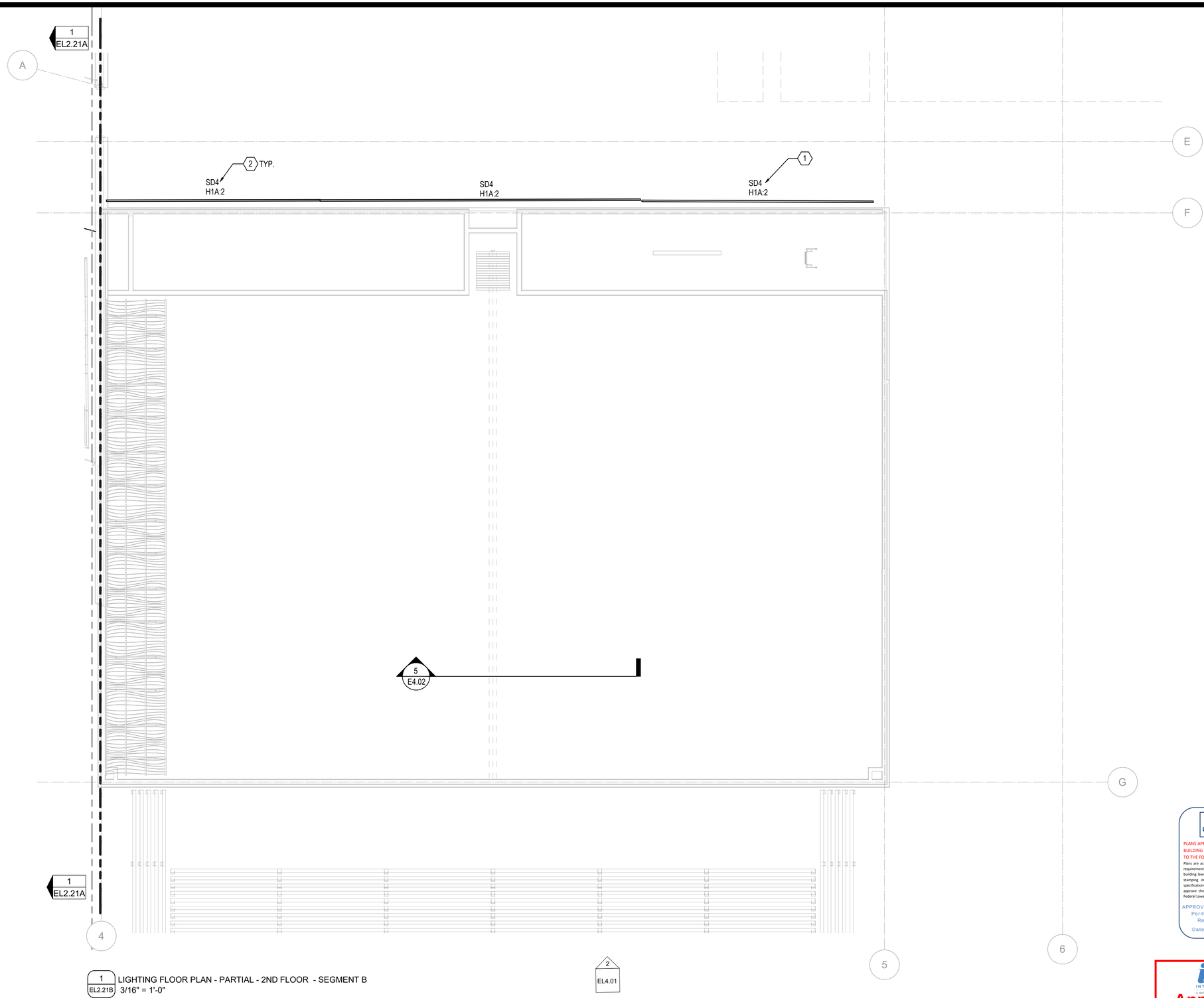
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

DRAWING NO.: **EL2.21A**
SHEET 215 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 EL2.21B LIGHTING FLOOR PLAN - PARTIAL - 2ND FLOOR - SEGMENT B
3/16" = 1'-0"

Keynotes:

1. LINEAR LED STRIP INSTALLED ON TOP OF FIRST FLOOR ROOF TO UP-WASH WALL ABOVE.
2. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR.

Notes:

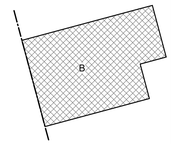
1. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
2. ALL EMERGENCY FIXTURES ON UL-924 SHUNT RELAY TO REMAIN AT FULL OUTPUT DURING EMERGENCY POWER. FIXTURES TO DIM ONLY DURING NORMAL POWER
3. PROVIDE UL-924 RELAY FOR ALL LUMINAIRES DESIGNATED AS 'EM'. PROVIDE UNSWITCHED HOT RELAY PER MANUFACTURER'S REQUIREMENTS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENCY POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
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KEY PLAN:



Santee
DO MORE • DUE EAST

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug** 2**2**, 202**5**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:17 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCEL
No. E21270
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT B - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

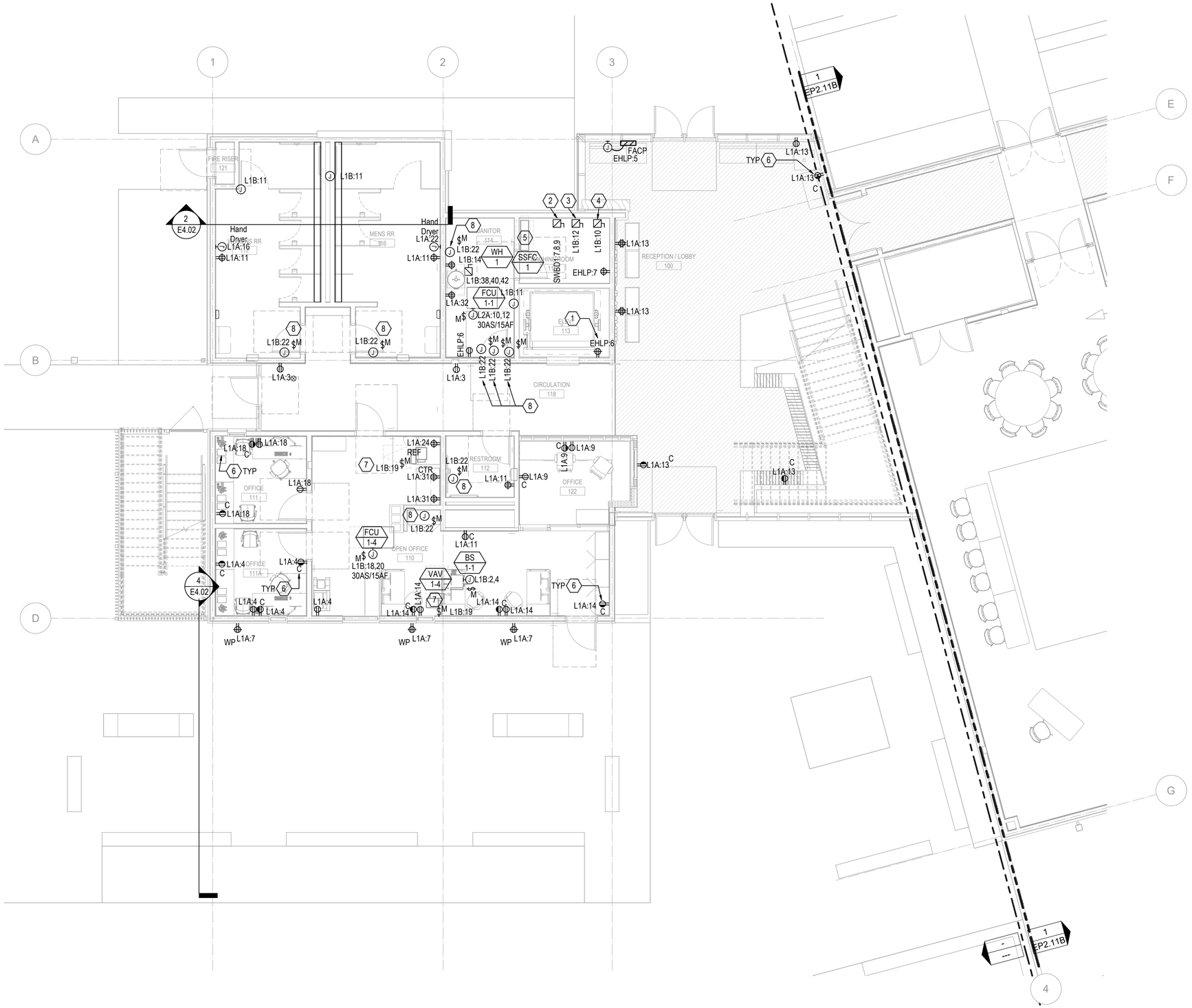
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL2.21B
SHEET 216 OF 294

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1 EP2.11A POWER FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT A
3/16" = 1'-0"

Keynotes:

1. GFCI RECEPTACLE LOCATED IN ELEVATOR PIT. LOCATE PER MANUFACTURER'S REQUIREMENTS.
2. PROVIDE 480V-3PH CONNECTION TO ELEVATOR PER MANUFACTURER'S REQUIREMENTS. VERIFY EXACT LOCATION WITH ELEVATOR VENDOR TO ROUGH-IN. FOR FUSED DISCONNECT AND FEEDER REQUIREMENTS, SEE SINGLE LINE DIAGRAM ON SHEET E0.04.
3. PROVIDE 20A-1PH FUSED DISCONNECT FOR 120V CONNECTION OF ELEVATOR CAB LIGHTING AND VENTILATION. VERIFY EXACT LOCATION WITH ELEVATOR VENDOR PRIOR TO ROUGH-IN. FUSE SIZE, TYPE, STYLE, AND RATING PERMANUFACTURER'S REQUIREMENTS.
4. PROVIDE 120V-1PH DISCONNECT SWITCH FOR ELEVATOR SEISMIC SWITCH . VERIFY EXACT LOCATION WITH ELEVATOR VENDOR PRIOR TO ROUGH-IN. FUSE SIZE, TYPE, STYLE, AND RATING PER MANUFACTURER'S REQUIREMENTS.
5. ALL SSFC EQUPMENT GETS POWERED BY OUT DOOR EQUIPMENT (ALL SSCU'S)
6. CONTROLLED OUTLETS IN THE INDICATED AREA SHALL BE SPLIT WIRE WITH HALF OF THE OUTLET CONNECTED THROUGH THE LOCAL LIGHTING CONTROLS TO TURN OFF WHEN THE SPACE IS UNOCCUPIED. PROVIDE JUNCTION BOX AND PLC IN THE CEILING SPACE TO CONTROL THE INDICATED OUTLETS. COORDINATE INSTALLATION WITH LIGHTING CONTROL MANUFACTURER'S INSTRUCTIONS.
7. PROVIDE 120V, 1P, 20A MOTOR RATED SWITCH FOR CONNECTION TO 120V-24V LOW VOLTAGE TRANSFORMER PROVIDED WITH VAV. SQUARE D TYPE #K OR EQUAL. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND MECHANICAL CONTRACTOR.
8. JUNCTION BOX IS FOR FIRE SMOKE DAMPERS.

Notes:

SHEET NOTES

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:17 PM

KEY PLAN:

REGISTERED PROFESSIONAL ENGINEER SEAN MARCY No. E21370 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

PN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

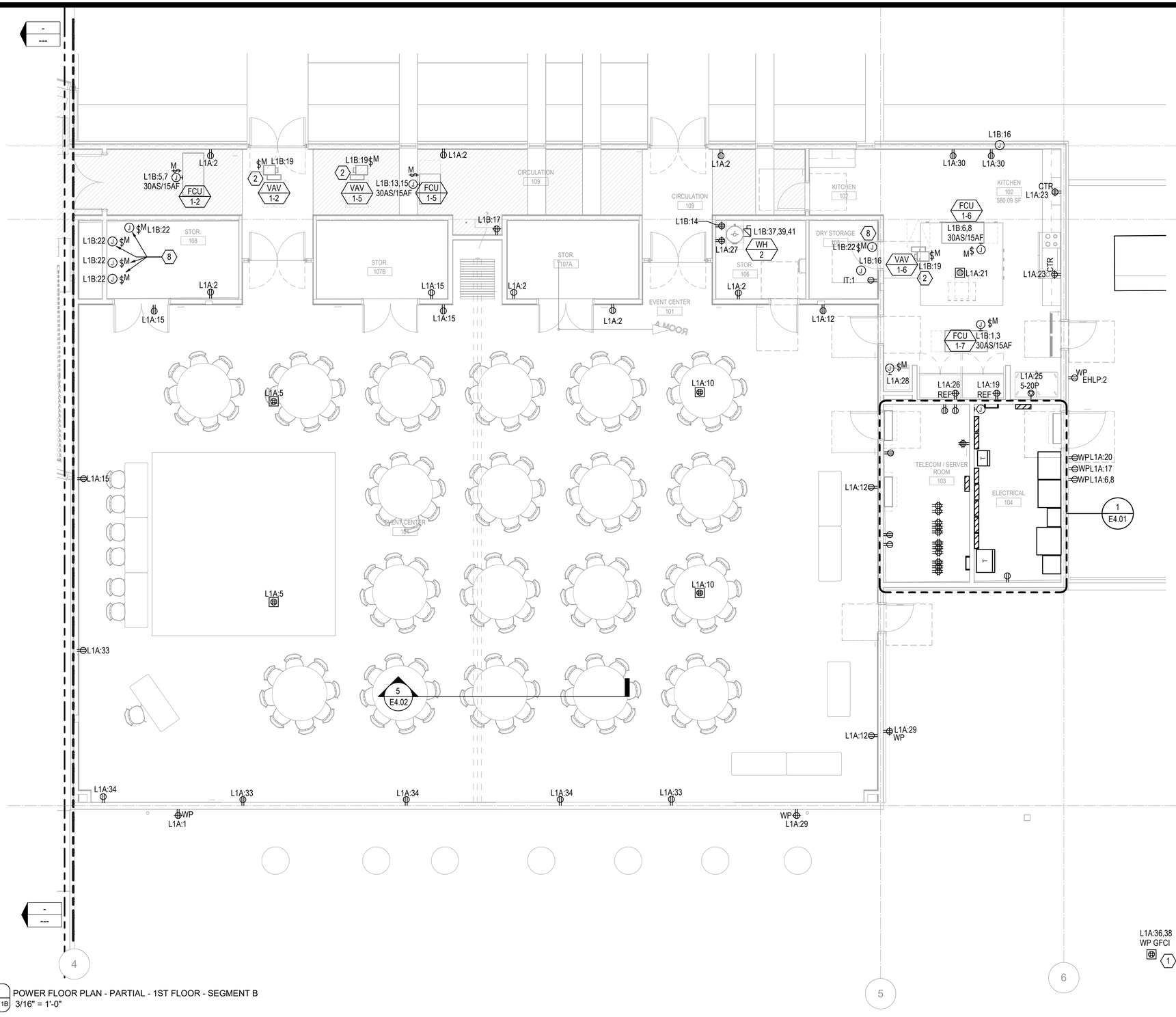
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	EP2.11A
	SHEET 217 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - OVERALL POWER 1ST FLOOR - SEGMENT A - FLOOR PLAN



1 EP2.11B POWER FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT B
3/16" = 1'-0"

Keynotes:

1. ABOVE GROUND ON SQUARE TUBE STEEL POST WITH WEATHER RATED BOX COVER RECEPTACLE FOR FUTURE EVENT DJ OR CATERER USE.
2. PROVIDE 120V, 1P, 20A MOTOR RATED SWITCH FOR CONNECTION TO 120V-24V LOW VOLTAGE TRANSFORMER PROVIDED WITH VAV. SQUARE D TYPE #K OR EQUAL. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND MECHANICAL CONTRACTOR.

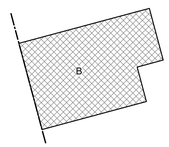
Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:17 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER SEAN MARCUS No. E21370 EXP. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

TN PN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

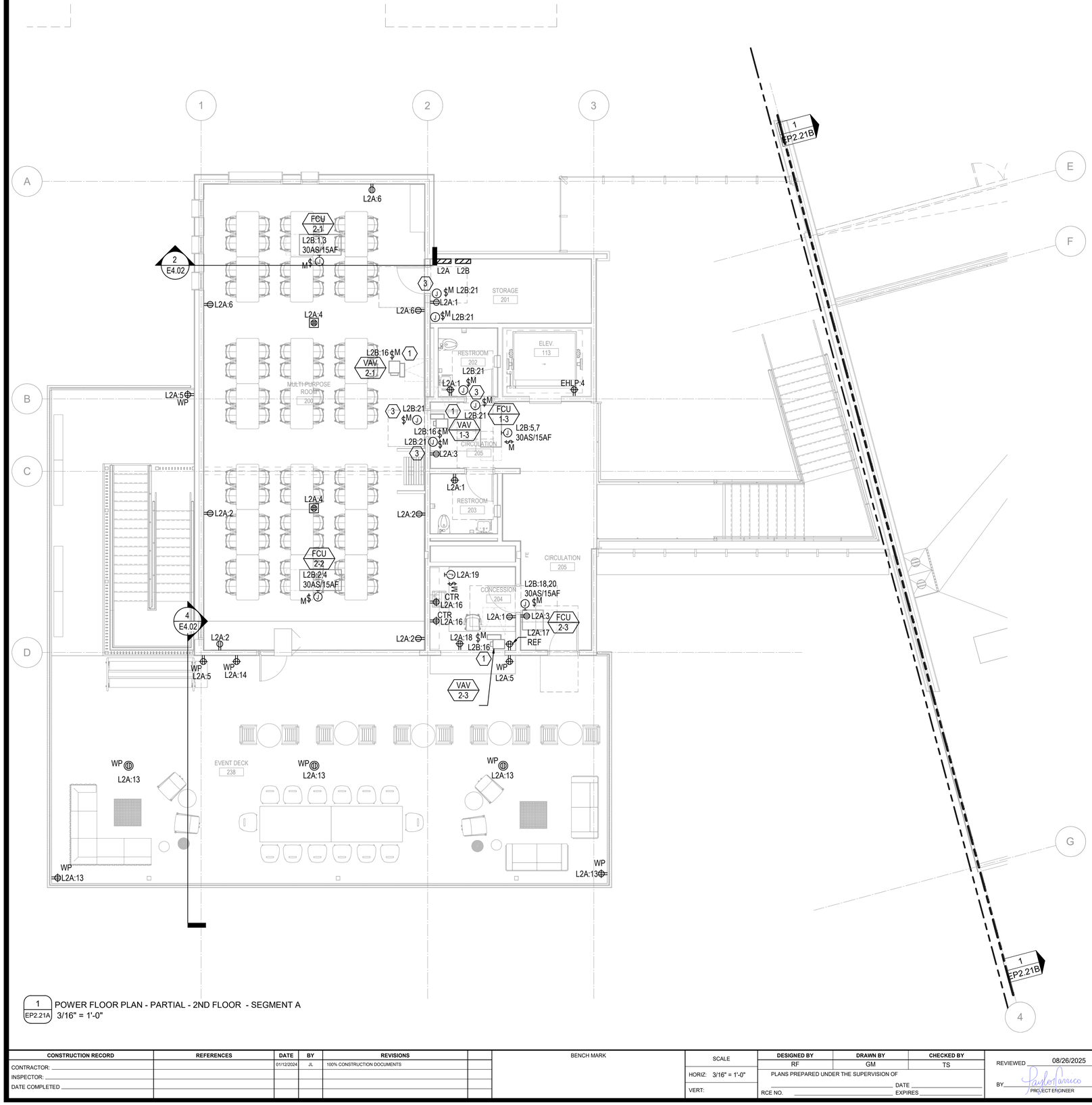
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	EP2.11B
	SHEET 218 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL POWER 1ST FLOOR - SEGMENT B - FLOOR PLAN

Please Recycle



1 POWER FLOOR PLAN - PARTIAL - 2ND FLOOR - SEGMENT A
EP2.21A 3/16" = 1'-0"

Keynotes:

1. PROVIDE 120V, 1P, 20A MOTOR RATED SWITCH FOR CONNECTION TO 120V-24V LOW VOLTAGE TRANSFORMER PROVIDED WITH VAV. SQUARE D TYPE #K OR EQUAL. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND MECHANICAL CONTRACTOR.
2. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR.
3. JUNCTION BOXES ARE FOR FIRE SMOKE DAMPERS.

Notes:

Santee DO MORE • DUE EAST

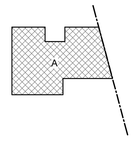
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST A NAVIGANT COMPANY
Approved
08/01/2025 3:22:17 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER SEAN MARCIL No. E21370 EXP. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL POWER 2ND FLOOR - SEGMENT A - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

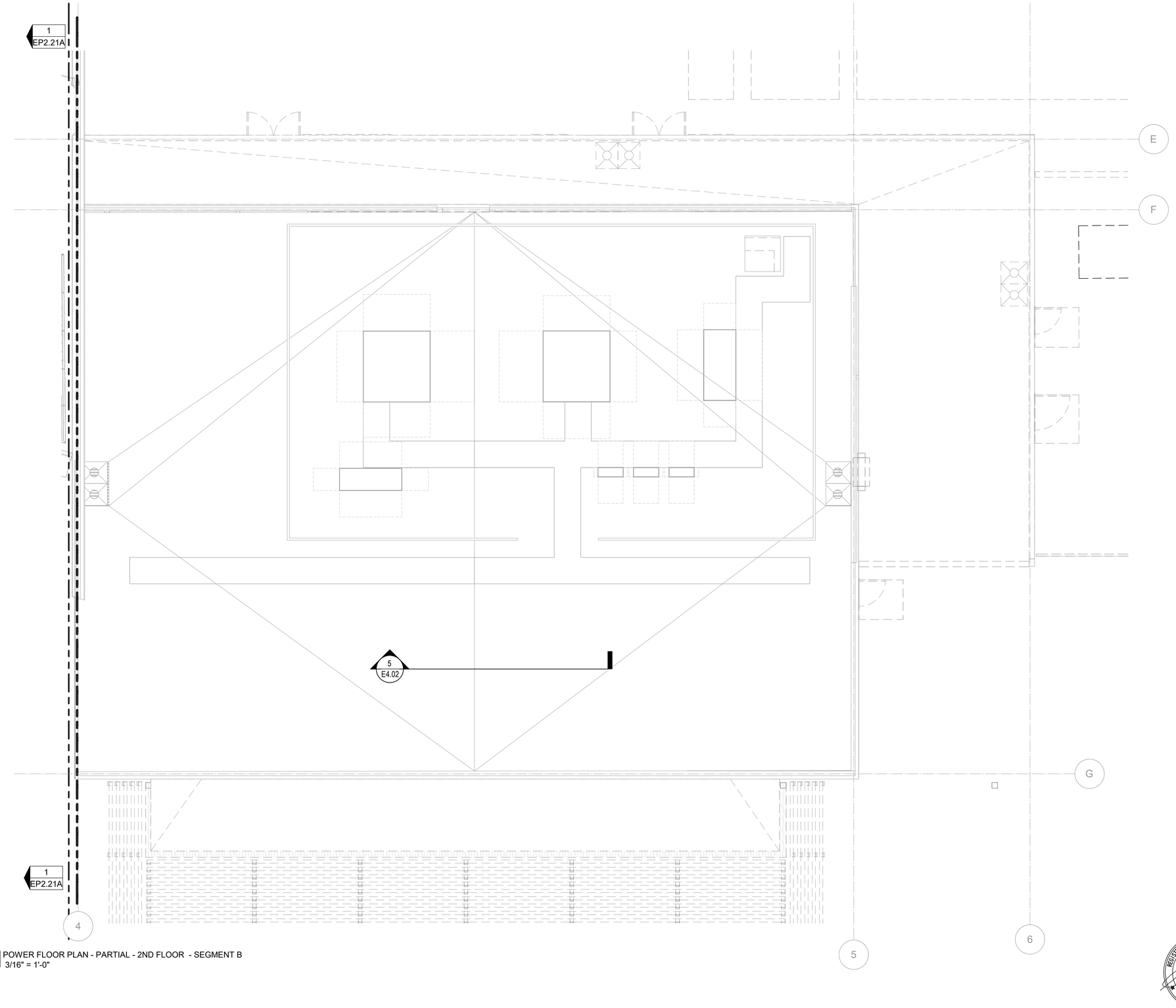
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **EP2.21A**
SHEET 219 OF 294



1 EP2.21B POWER FLOOR PLAN - PARTIAL - 2ND FLOOR - SEGMENT B
3/16" = 1'-0"

Keynotes:

Notes:

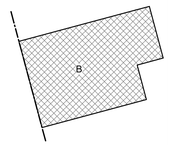
Santee
CALIFORNIA'S EAST COAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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Permit # B-CNEW-23-0009
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INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:17 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
SEAN MARCEL
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL POWER 2ND FLOOR - SEGMENT B - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
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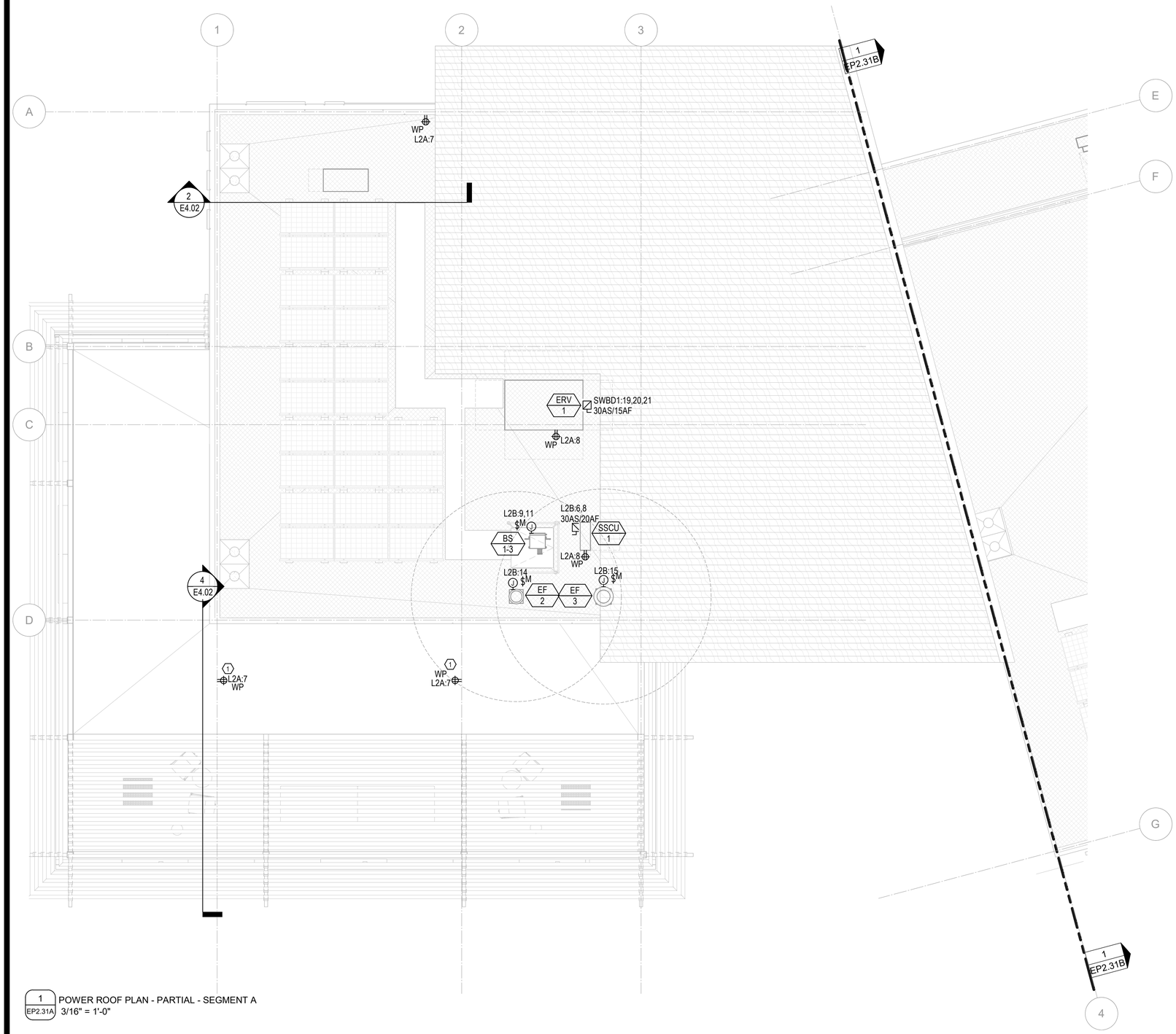
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EP2.21B

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 EP2.31A POWER ROOF PLAN - PARTIAL - SEGMENT A
3/16" = 1'-0"

Keynotes:

1. RECEPTACLE EXTERIOR MOUNT TO UNISTRUT FOR CEILING FANS AND HEATERS. CONTRACTOR TO COORDINATE WITH ARCHITECT AND OWNER FOR FINAL LOCATION AND MOUNTING DETAILS.

Notes:

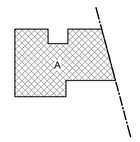
Santee
SO MUCH • SUR EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:17 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
SEAN MARCH
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL POWER ROOF PLAN - SEGMENT A

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO. _____ EXPIRES _____	DATE _____	

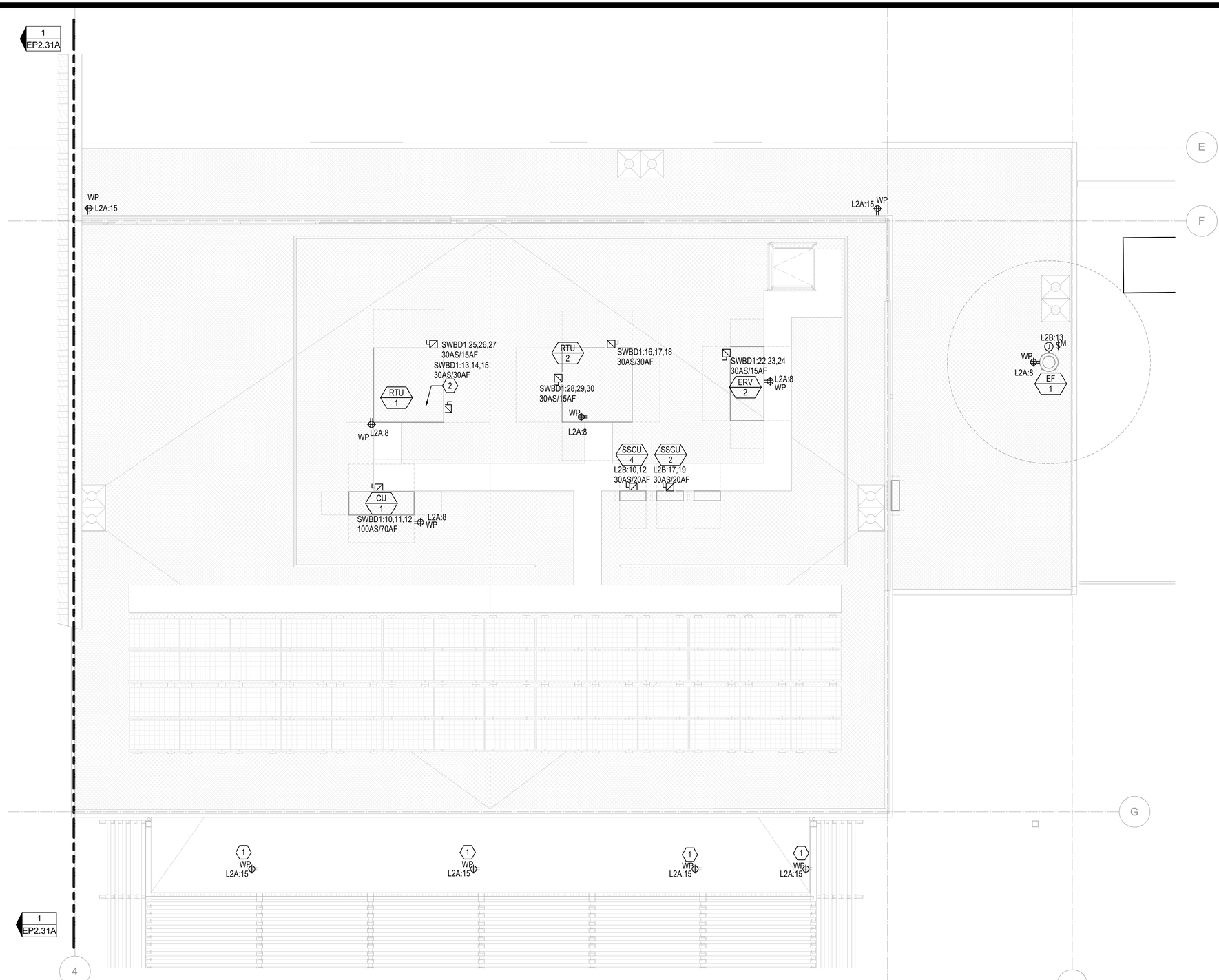
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	EP2.31A
	SHEET 221 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 EP2.31B POWER ROOF PLAN - PARTIAL - SEGMENT B
3/16" = 1'-0"

Keynotes:

1. RECEPTACLE EXTERIOR MOUNT TO UNISTRUT FOR CEILING FANS AND HEATERS. CONTRACTOR TO COORDINATE WITH ARCHITECT AND OWNER FOR FINAL LOCATION AND MOUNTING DETAILS.
2. FUSED DISCONNECT PROVIDED FOR POWER EXHAUST.

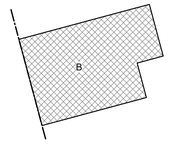
Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # BC**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22**, 202**5**

INTERWEST
A WATTSON COMPANY
Approved
08/01/2025 3:22:17 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
SEAN MARCH
No. E21270
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA
PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL POWER ROOF PLAN - SEGMENT B

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**EP2.31B**
	SHEET 222 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 / EP2.11 POWER FLOOR PLAN - OVERALL - 1ST FLOOR
3/32" = 1'-0"

Keynotes:

Notes:

SHEET NOTES

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING

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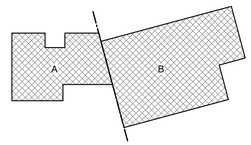
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:17 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARC FOLEY
No. E21270
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

TN
PN

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - OVERALL ELECTRICAL POWER 1ST FLOOR - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

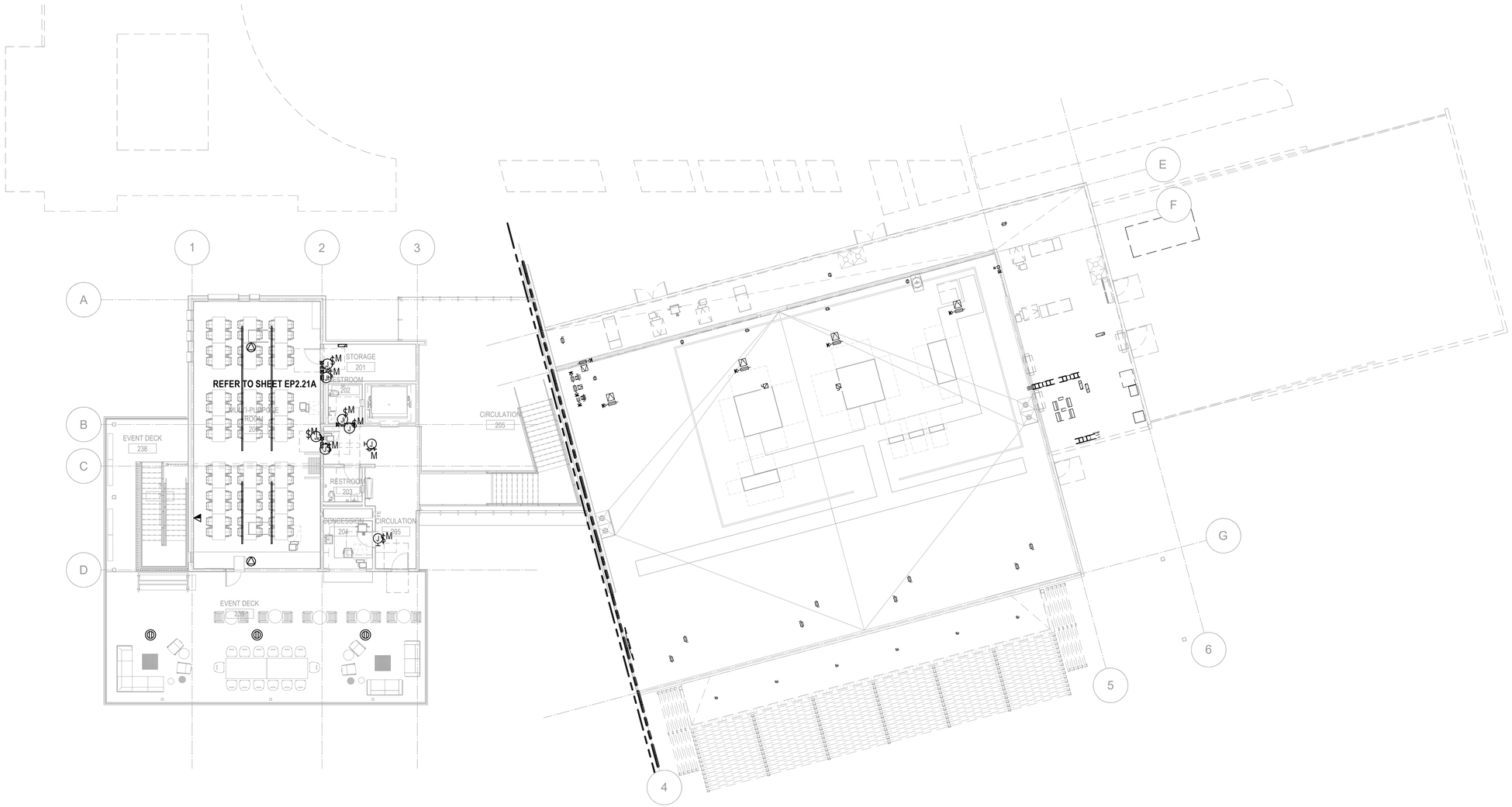
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: **CIP 2018-31**

DRAWING NO.: **EP2.11**
SHEET 223 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 EP2.21 POWER FLOOR PLAN - OVERALL - 2ND FLOOR
3/32" = 1'-0"

Keynotes:

Notes:

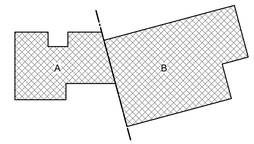
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A TRC COMPANY
Approved
08/01/2025 3:22:17 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
SEAN MARCY
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - OVERALL ELECTRICAL POWER 2ND FLOOR - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO. _____	DATE _____ EXPIRES _____	

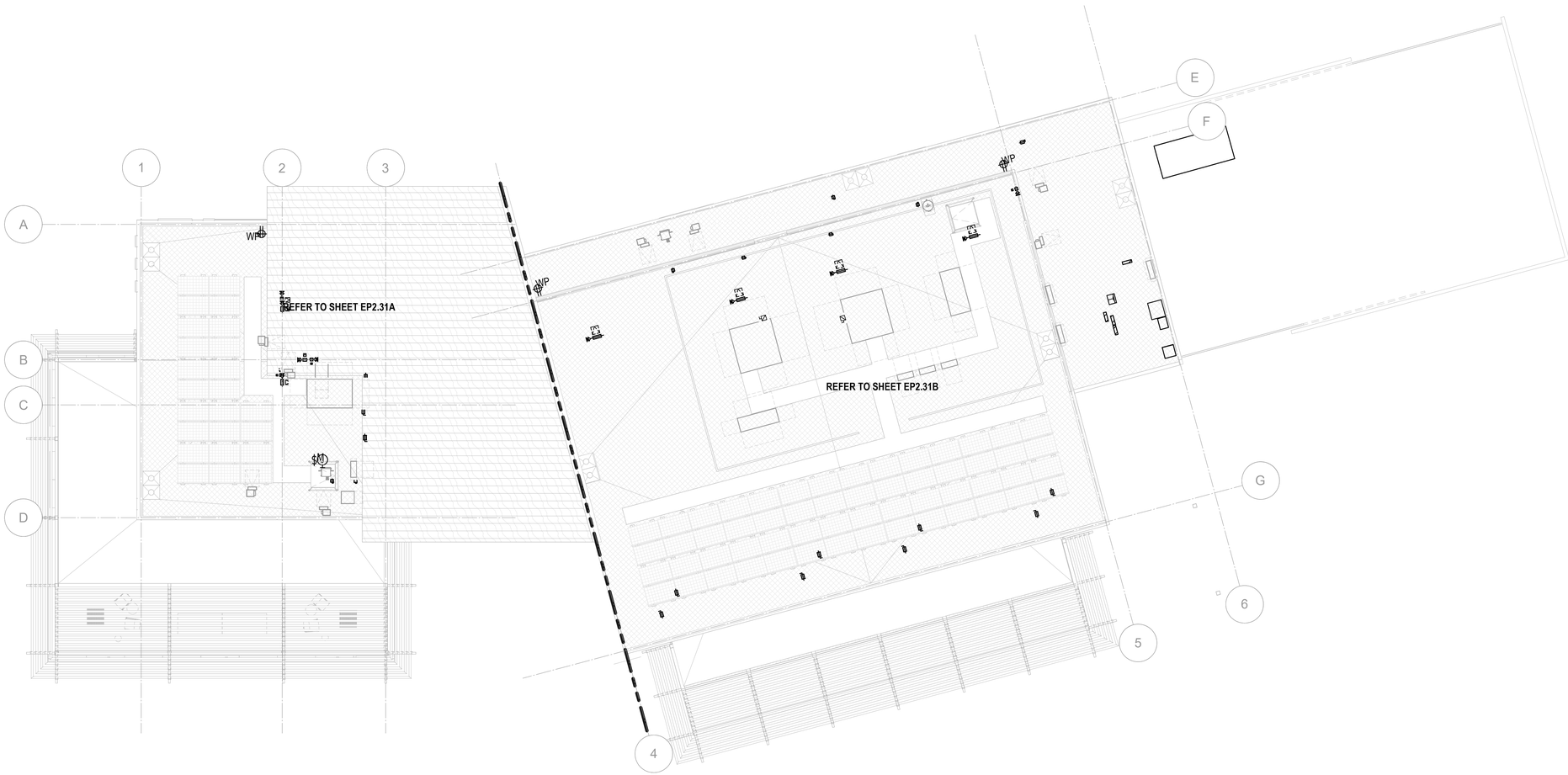
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	EP2.21
	SHEET 224 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 EP2.31 POWER ROOF PLAN - OVERALL
3/32" = 1'-0"

Keynotes:

Notes:

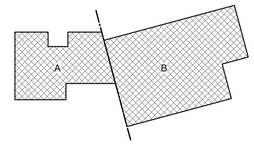
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A Symbiont Company
Approved
08/01/2025 3:22:17 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER SEAN MARC F. No. E21370 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - OVERALL ELECTRICAL POWER ROOF PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	

CONTRACTOR: _____
INSPECTOR: _____
DATE COMPLETED _____

BENCH MARK

SCALE
HORIZ: 3/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

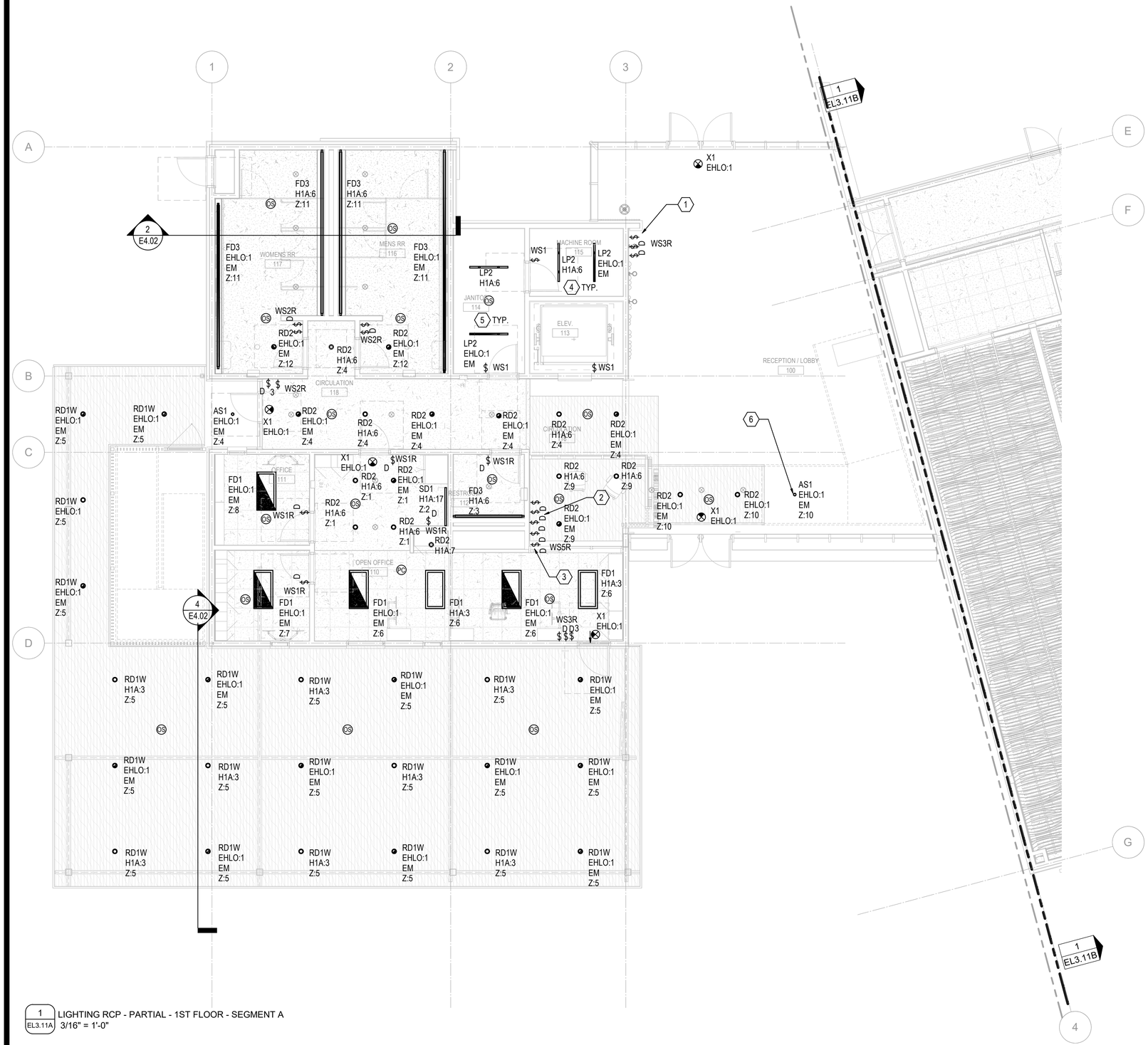
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	EP2.31

SHEET 225 OF 294

Please Recycle



1 EL3.11A LIGHTING RCP - PARTIAL - 1ST FLOOR - SEGMENT A
3/16" = 1'-0"

Keynotes:

1. SWITCH INTEDED TO CONTROL RECESSED RD3 FIXTURE IN EXTERIOR ENTRY CANOPY. REFER TO SHEET EL3.21A
2. SWITCH INSTALLED TO CONTROL RECESSED RD3 LUMINAIRES IN HIGH ATRIUM CEILING.
3. SWITCH INTENDED TO CONTROL RA2 LUMINAIRES RECESSED IN WALLS AT ATRIUM
4. BOTTOM OF FIXTURE MOUNTING HEIGHT 9'-0" AFF
5. BOTTOM OF FIXTURE MOUNTING HEIGHT 8'-10" AFF
6. SURFACE MOUNT FIXTURE TO UNDERSIDE OF STAIRS. CONTRACTOR TO COORDINATE CONDUIT CHASE WITH ARCHITECT TO ENSURE CLEAN INSTALL

Notes:

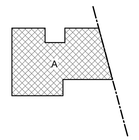
1. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
2. ALL EMERGENCY FIXTURES ON UL-924 SHUNT RELAY TO REMAIN AT FULL OUTPUT DURING EMERGENCY POWER. FIXTURES TO DIM ONLY DURING NORMAL POWER.
3. PROVIDE UL-924 RELAY FOR ALL LUMINAIRES DESIGNATED AS 'EM'. PROVIDE UNSWITCHED HOT RELAY PER MANUFACTURER'S REQUIREMENTS.
4. 'WS##' AT WALL BOX SWITCHES INDICATE MULTI BUTTON PROGRAMMABLE KEYPAD BY LUTRON FOR LIGHTING CONTROLS. PROVIDE SINGLE KEYPAD WITH BUTTONS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENCY POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

KEY PLAN:



PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed By: AS**adre**
Date: **Aug 22, 2025**

INTERWEST A RAFTELIS COMPANY
Approved
08/01/2025 3:22:17 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARCELL No. E21270 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA TN PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Paylon Tarnico PROJECT ENGINEER

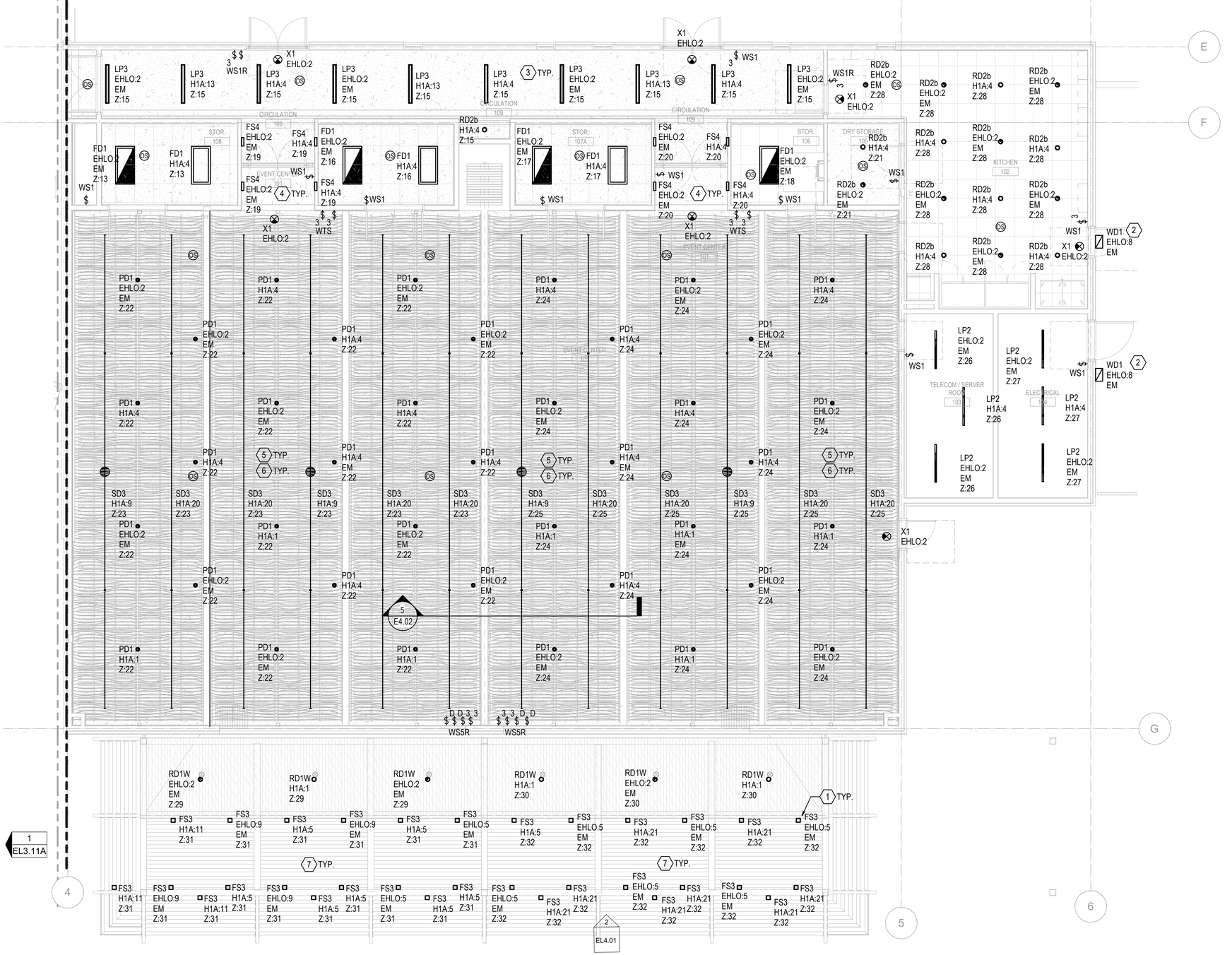
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **EL3.11A**

SHEET 226 OF 294

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



Keynotes:

1. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR.
2. CONNECT LUMINAIRES TO ASTRONOMICAL TIMECLOCK AND IN COMPLIANCE TO T-24 CODE REQUIREMENTS.
3. SUSPENDED FIXTURE TO ALIGN BOTTOM OF LUMINAIRE TO THE BOTTOM OF CEILING SLATS
4. INSTALL WALL MOUNT ADA FIXTURE 6.5FT AFF. PROVIDE STOPPERS TO PREVENT THE DOOR FROM IMPACTING THE FIXTURE
5. SUSPENDED PD1 FIXTURE TO ALIGN BOTTOM OF LUMINAIRE TO THE BOTTOM OF SUSPENDED CEILING TILE
6. PENDANT MOUNT LINEAR DOWNLIGHT FIXTURE INSTALLED BEHIND THE FLOATING CEILING AT THE HIGHEST FEASIBLE POINT. ENSURE ALL SD3 FIXTURES ALIGN TO THE SAME MOUNTING ELEVATION FOR LIGHT UNIFORMITY
7. INSTALL SURFACE MOUNT FIXTURE TO THE JBOX RECESSED INTO THE SIDE OF THE TRELLIS BOX FRAME. ARCHITECT TO COORDINATE THE BOX FRAME DETAILS

Notes:

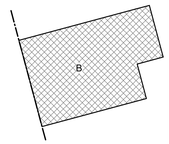
1. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
2. ALL EMERGENCY FIXTURES ON UL-924 SHUNT RELAY TO REMAIN AT FULL OUTPUT DURING EMERGENCY POWER. FIXTURES TO DIM ONLY DURING NORMAL POWER.
3. PROVIDE UL-924 RELAY FOR ALL LUMINAIRES DESIGNATED AS 'EM'. PROVIDE UNSWITCHED HOT RELAY PER MANUFACTURER'S REQUIREMENTS.
4. 'WS##' AT WALL BOX SWITCHES INDICATE MULTI BUTTON PROGRAMMABLE KEYPAD BY LUTRON FOR LIGHTING CONTROLS. PROVIDE SINGLE KEYPAD WITH BUTTONS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENC POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

KEY PLAN:



1 / EL3.11B LIGHTING RCP - PARTIAL - 1ST FLOOR - SEGMENT B
3/16" = 1'-0"

Santee — DO MORE • DUE EAST.

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

iw INTERWEST — Approved 08/01/2025 3:22:17 PM

REGISTERED PROFESSIONAL ENGINEER — SEAN MARCY — No. E21370 — EXP. 03/31/2026 — ELECTRICAL — STATE OF CALIFORNIA

PN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE — HORIZ: 3/16" = 1'-0" — VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **EL3.11B**

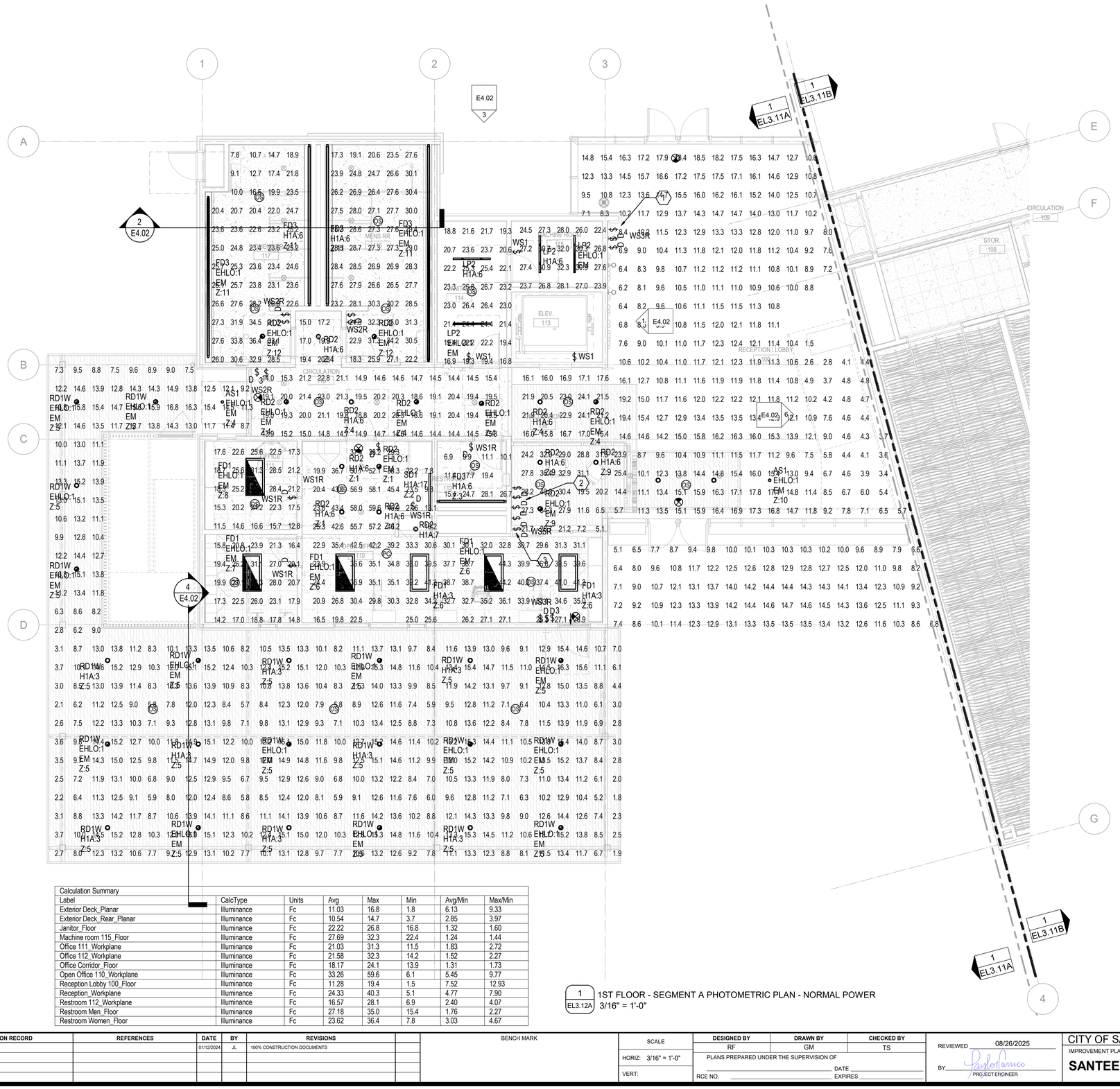
SHEET 227 OF 294

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B - REFLECTED CEILING PLAN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

Please Recycle

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Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Exterior Deck_Planar	Illuminance	Fc	11.03	16.8	1.8	6.13	9.33
Exterior Deck_Rear_Planar	Illuminance	Fc	10.54	14.7	3.7	2.85	3.97
Janitor_Floor	Illuminance	Fc	22.22	26.8	16.8	1.32	1.60
Machine room 115_Floor	Illuminance	Fc	27.69	32.3	22.4	1.24	1.44
Office 111_Workplane	Illuminance	Fc	21.03	31.3	11.5	1.83	2.72
Office 112_Workplane	Illuminance	Fc	21.58	32.3	14.2	1.52	2.27
Office Corridor_Floor	Illuminance	Fc	18.17	24.1	13.9	1.31	1.73
Open Office 110_Workplane	Illuminance	Fc	33.26	59.6	6.1	5.45	9.77
Reception Lobby 100_Floor	Illuminance	Fc	11.28	19.4	1.5	7.52	12.93
Reception_Workplane	Illuminance	Fc	24.33	40.3	5.1	4.77	7.90
Restroom 112_Workplane	Illuminance	Fc	16.57	28.1	6.9	2.40	4.07
Restroom Men_Floor	Illuminance	Fc	27.18	35.0	15.4	1.76	2.27
Restroom Women_Floor	Illuminance	Fc	23.62	36.4	7.8	3.03	4.67

1 EL3.12A 1ST FLOOR - SEGMENT A PHOTOMETRIC PLAN - NORMAL POWER
3/16" = 1'-0"

Keynotes:

1. SWITCH INTEDED TO CONTROL RECESSED RD3 FIXTURE IN EXTERIOR ENTRY CANOPY. REFER TO SHEET EL3.21A
2. SWITCH INSTALLED TO CONTROL RECESSED RD3 LUMINAIRES IN HIGH ATRIUM CEILING.
3. SWITCH INTENDED TO CONTROL RA2 LUMINAIRES RECESSED IN WALLS AT ATRIUM

Santee
CA RISEN & SHINE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Notes:

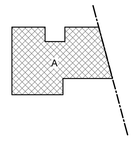
1. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
2. ALL EMERGENCY FIXTURES ON UL-924 SHUNT RELAY TO REMAIN AT FULL OUTPUT DURING EMERGENCY POWER. FIXTURES TO DIM ONLY DURING NORMAL POWER.
3. PROVIDE UL-924 RELAY FOR ALL LUMINAIRES DESIGNATED AS 'EM'. PROVIDE UNSWITCHED HOT RELAY PER MANUFACTURER'S REQUIREMENTS.
4. 'WS##' AT WALL BOX SWITCHES INDICATE MULTI BUTTON PROGRAMMABLE KEYPAD BY LUTRON FOR LIGHTING CONTROLS. PROVIDE SINGLE KEYPAD WITH BUTTONS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENCY POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

KEY PLAN:



INTERWEST
Approved
08/01/2025 3:22:17 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCEL
No. E21370
EX. 07/31/2026
ELECTRICAL
STATE OF CALIFORNIA
TN
PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A - PHOTOMETRIC PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

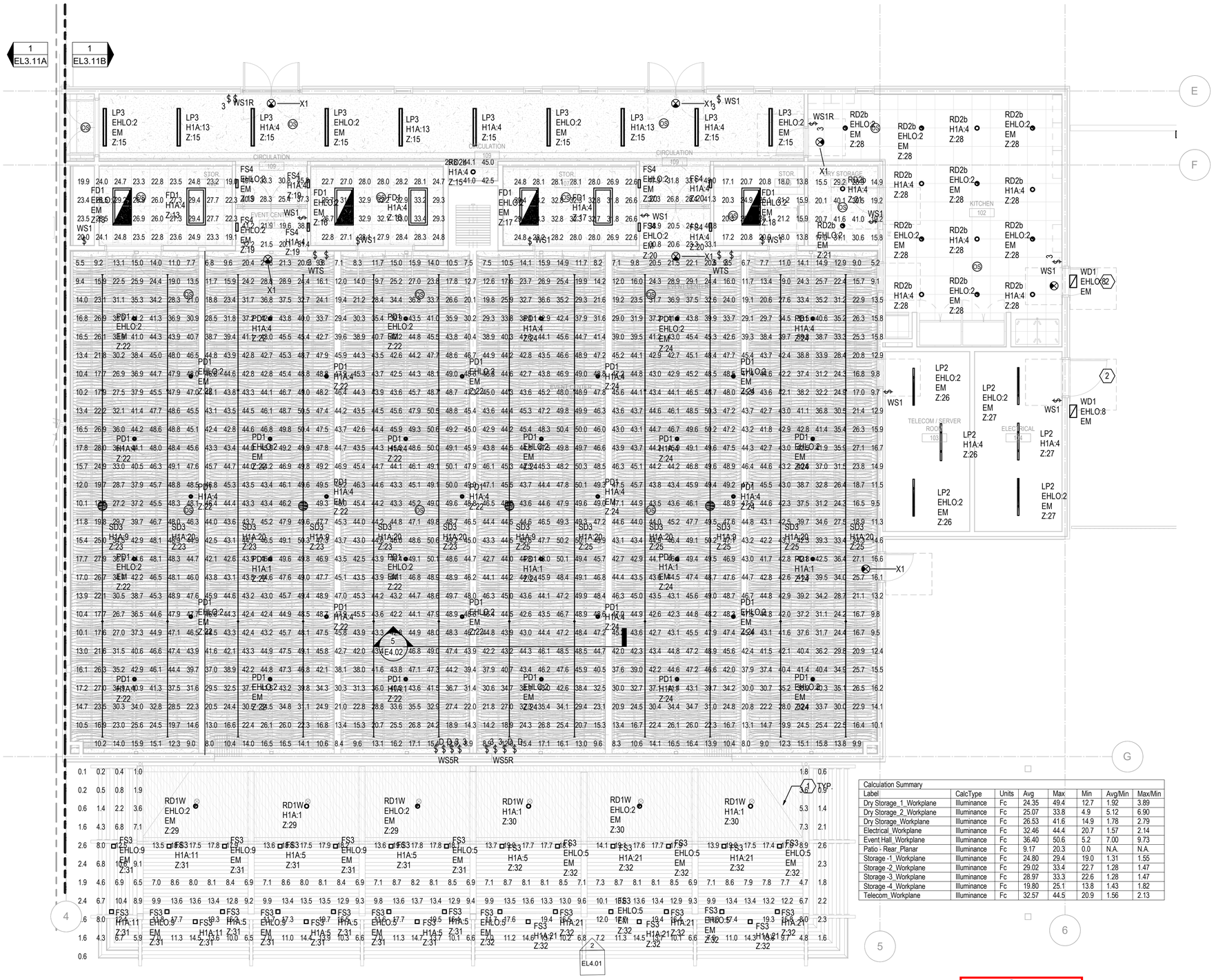
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL3.12A
SHEET 228 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 / EL3.12B — 1ST FLOOR - SEGMENT B PHOTOMETRIC PLAN - NORMAL POWER
3/16" = 1'-0"

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Dry Storage_1_Workplane	Illuminance	Fc	24.35	49.4	12.7	1.92	3.89
Dry Storage_2_Workplane	Illuminance	Fc	25.07	33.8	4.9	5.12	6.90
Dry Storage_Workplane	Illuminance	Fc	26.53	41.6	14.9	1.78	2.79
Electrical_Workplane	Illuminance	Fc	32.46	44.4	20.7	1.57	2.14
Event Hall_Workplane	Illuminance	Fc	36.40	50.6	5.2	7.00	9.73
Patio - Rear_Planar	Illuminance	Fc	9.17	20.3	0.0	N.A.	N.A.
Storage -1_Workplane	Illuminance	Fc	24.80	29.4	19.0	1.31	1.55
Storage -2_Workplane	Illuminance	Fc	29.02	33.4	22.7	1.28	1.47
Storage -3_Workplane	Illuminance	Fc	28.97	33.3	22.6	1.28	1.47
Storage -4_Workplane	Illuminance	Fc	19.80	25.1	13.8	1.43	1.82
Telecom_Workplane	Illuminance	Fc	32.57	44.5	20.9	1.56	2.13

Keynotes:

1. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR.
2. CONNECT LUMINAIRES TO ASTRONOMICAL TIMECLOCK AND IN COMPLIANCE TO T-24 CODE REQUIREMENTS.

Notes:

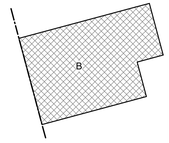
1. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
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4. 'WS##' AT WALL BOX SWITCHES INDICATE MULTI BUTTON PROGRAMMABLE KEYPAD BY LUTRON FOR LIGHTING CONTROLS. PROVIDE SINGLE KEYPAD WITH BUTTONS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
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LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
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DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

KEY PLAN:



Santee — SD BUILDING & SAFETY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST — A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:18 PM

REGISTERED PROFESSIONAL ENGINEER — SEAN MARC LEE — No. E21370 — EX: 03/31/2026 — ELECTRICAL — STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B - PHOTOMETRIC PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS
INSPECTOR:				
DATE COMPLETED				

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

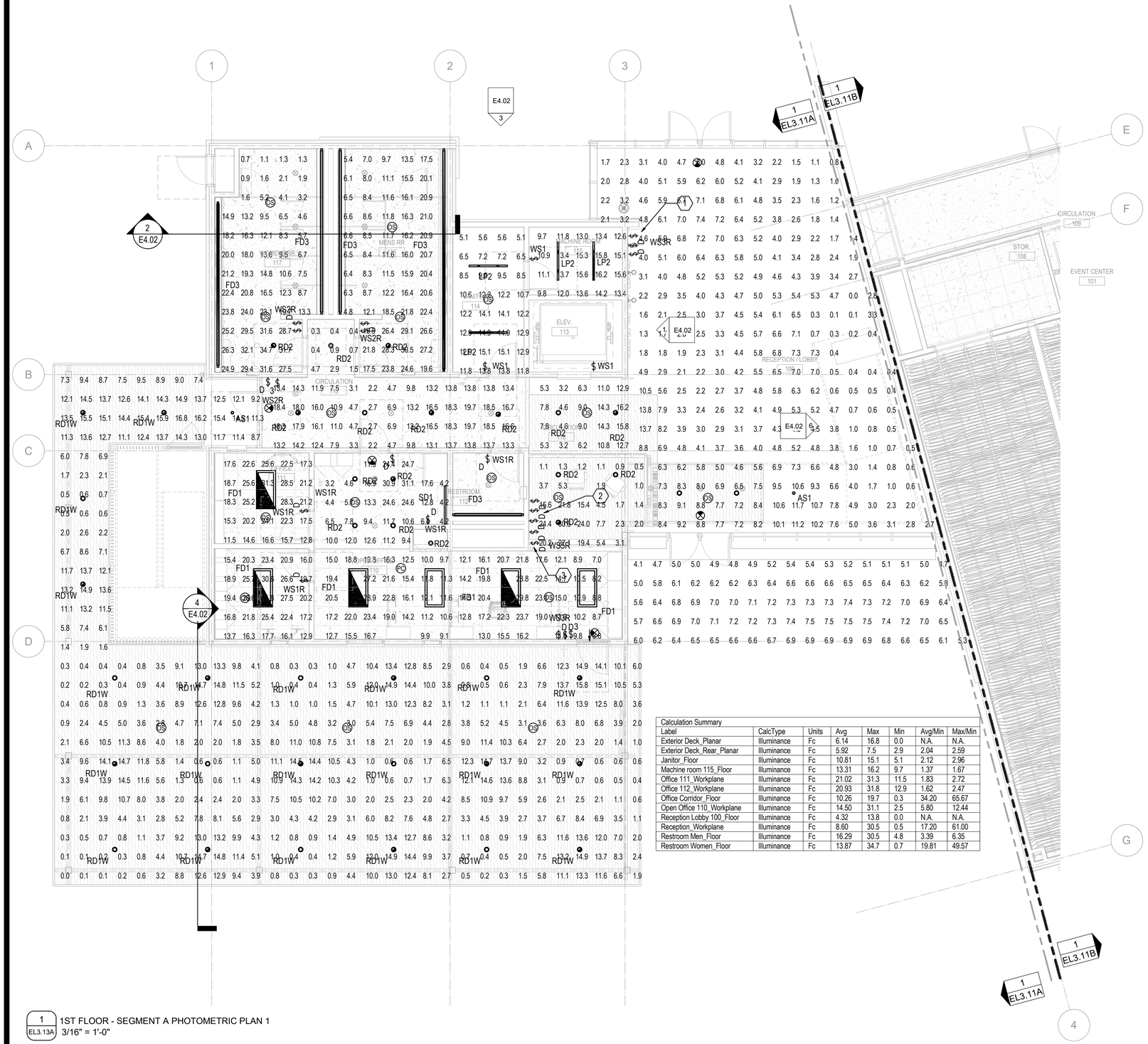
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL3.12B
SHEET 229 OF 294

Please Recycle



1 EL3.13A 1ST FLOOR - SEGMENT A PHOTOMETRIC PLAN 1
3/16" = 1'-0"

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Exterior Deck_Planar	Illuminance	Fc	6.14	16.8	0.0	N.A.	N.A.
Exterior Deck_Rear_Planar	Illuminance	Fc	5.92	7.5	2.9	2.04	2.59
Janitor_Floor	Illuminance	Fc	10.81	15.1	5.1	2.12	2.96
Machine room 115_Floor	Illuminance	Fc	13.31	16.2	9.7	1.37	1.67
Office 111_Workplane	Illuminance	Fc	21.02	31.3	11.5	1.83	2.72
Office 112_Workplane	Illuminance	Fc	20.93	31.8	12.9	1.62	2.47
Office Corridor_Floor	Illuminance	Fc	10.26	19.7	0.3	34.20	65.67
Open Office 110_Workplane	Illuminance	Fc	14.50	31.1	2.5	5.80	12.44
Reception Lobby 100_Floor	Illuminance	Fc	4.32	13.8	0.0	N.A.	N.A.
Reception_Workplane	Illuminance	Fc	8.60	30.5	0.5	17.20	61.00
Restroom Men_Floor	Illuminance	Fc	16.29	30.5	4.8	3.39	6.35
Restroom Women_Floor	Illuminance	Fc	13.87	34.7	0.7	19.81	49.57

Keynotes:

1. SWITCH INTEDED TO CONTROL RECESSED RD3 FIXTURE IN EXTERIOR ENTRY CANOPY. REFER TO SHEET EL3.21A
2. SWITCH INSTALLED TO CONTROL RECESSED RD3 LUMINAIRES IN HIGH ATRIUM CEILING.
3. SWITCH INTENDED TO CONTROL RA2 LUMINAIRES RECESSED IN WALLS AT ATRIUM

Notes:

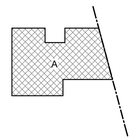
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LUMINAIRE TAG DESCRIPTION

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KEY PLAN:



Santee
DO MORE • DO EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:18 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCUS
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA
TN PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT A - PHOTOMETRIC PLAN - EMERGENCY EGRESS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

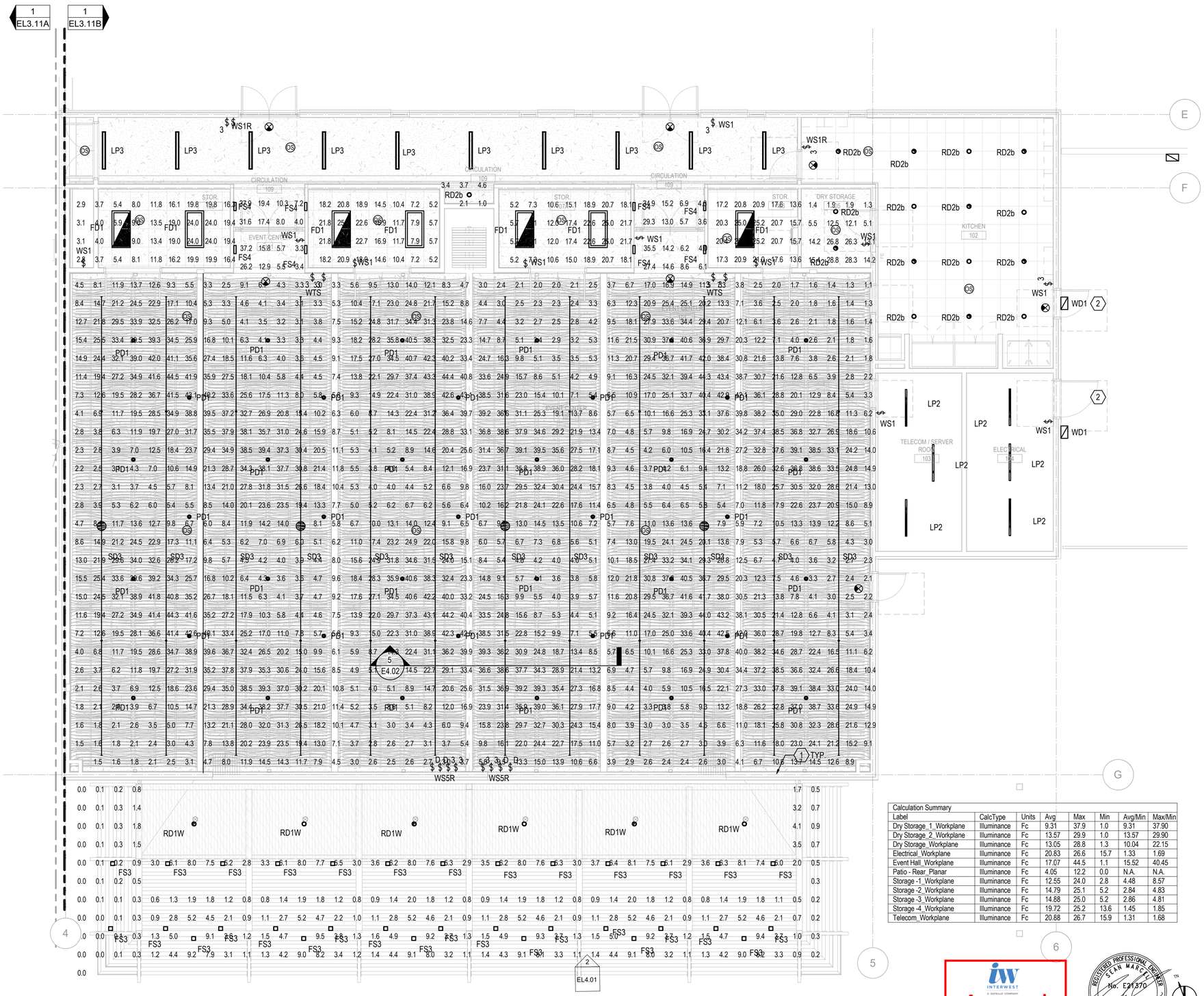
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL3.13A
SHEET 230 OF 294

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-E-Santee Community Center-R20.rvt

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



Keynotes:

1. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR.
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

Notes:

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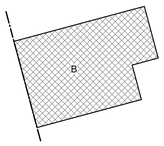
Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Dry Storage_1_Workplane	Illuminance	Fc	9.31	37.9	1.0	9.31	37.90
Dry Storage_2_Workplane	Illuminance	Fc	13.57	29.9	1.0	13.57	29.90
Dry Storage_Workplane	Illuminance	Fc	13.05	28.8	1.3	10.04	22.15
Electrical_Workplane	Illuminance	Fc	20.83	26.6	15.7	1.33	1.69
Event Hall_Workplane	Illuminance	Fc	17.07	44.5	1.1	15.52	40.45
Patio - Rear_Planar	Illuminance	Fc	4.05	12.2	0.0	N.A.	N.A.
Storage -1_Workplane	Illuminance	Fc	12.55	24.0	2.8	4.48	8.57
Storage -2_Workplane	Illuminance	Fc	14.79	25.1	5.2	2.84	4.83
Storage -3_Workplane	Illuminance	Fc	14.88	25.0	5.2	2.86	4.81
Storage -4_Workplane	Illuminance	Fc	19.72	25.2	13.6	1.45	1.85
Telecom_Workplane	Illuminance	Fc	20.88	26.7	15.9	1.31	1.68

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:18 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARCEL No. E21370 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA
PN

KEY PLAN:



1 EL3.13B — 1ST FLOOR - SEGMENT B PHOTOMETRIC PLAN 1
3/16" = 1'-0"

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

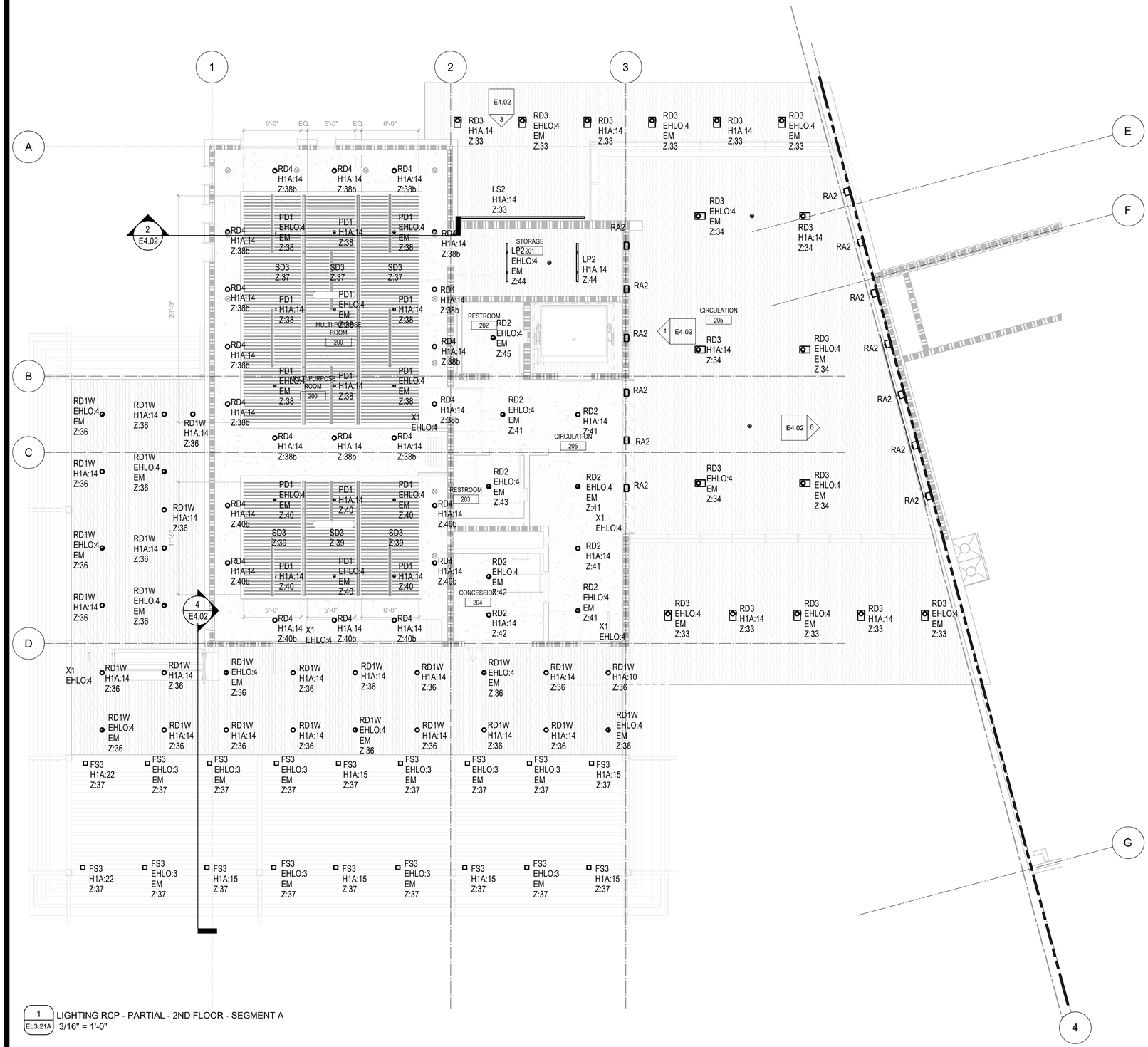
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL3.13B
SHEET 231 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT B - PHOTOMETRIC PLAN - EMERGENCY EGRESS

Please Recycle



1 EL3.21A LIGHTING RCP - PARTIAL - 2ND FLOOR - SEGMENT A
3/16" = 1'-0"

Keynotes:

1. PROVIDE HIGH BAY OCCUPANCY SENSOR FOR MOUNTING TO CEILING IN ATRIUM.
2. RECESS FIXTURES INTO THE WALL AT AN ELEVATION OF 24' 6" FROM THE FIRST FLOOR LEVEL.
3. PENDANT FIXTURES TO BE SUSPENDED BETWEEN SLATS FROM HIGHER CEILING. BOTTOM OF FIXTURE TO ALIGN WITH BOTTOM OF CEILING SLAT.
4. LINEAR LED STRIP SUSPENDED/SURFACE MOUNTED TO UNDERSIDE OF ROOF FOR BACKLIGHTING BEHIND FLOATING SLATS IN CEILING. COORDINATE EQUIPMENT POSITIONS OF OTHER TRADES FOR ANY CONFLICTS WITH HORIZONTAL RUNS
5. SWITCHED TO BE INSTALLED AT FIRST FLOOR INSIDE ATRIUM, INTEDED TO TO CONTROL RECESSED RD3 LUMINAIRES IN EXTERIOR ENTRY CANOPY
6. REFER TO SHEET EL3.11A FOR CONTROL SWITCH LOCATED ON RECEPTION WALL
7. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR. INSTALL SURFACE MOUNT FIXTURE TO THE JBOX RECESSED INTO THE SIDE OF THE TRELLIS BOX FRAME. ARCHITECT TO COORDINATE THE BOX FRAME DETAILS
8. SUSPENDED PD1 FIXTURE TO ALIGN BOTTOM OF LUMINAIRE TO THE BOTTOM OF SUSPENDED CEILING SLATS
9. PENDANT MOUNT LINEAR DOWNLIGHT FIXTURE INSTALLED BEHIND THE FLOATING CEILING AT THE HIGHEST FEASIBLE POINT. ENSURE ALL SD3 FIXTURES ALIGN TO THE SAME MOUNTING ELEVATION FOR LIGHT UNIFORMITY
10. WALL MOUNT EXTERIOR GRAZER DOWNLIGHT INSTALLED BELOW SLOPED ROOF AT 32'-0" AFG FROM FIRST FLOOR LEVEL TO ACCENT TEXTURED WALL. FIXTURE TO BE INSTALLED HORIZONTAL TO THE FLOOR

Notes:

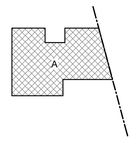
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KEY PLAN:



Santee
DO MORE • DUE EAST

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APPROVED FOR CONSTRUCTION
Permit # B:CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SafeBuilt company
Approved
08/01/2025 3:22:18 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARCIL No. E21370 EXP. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

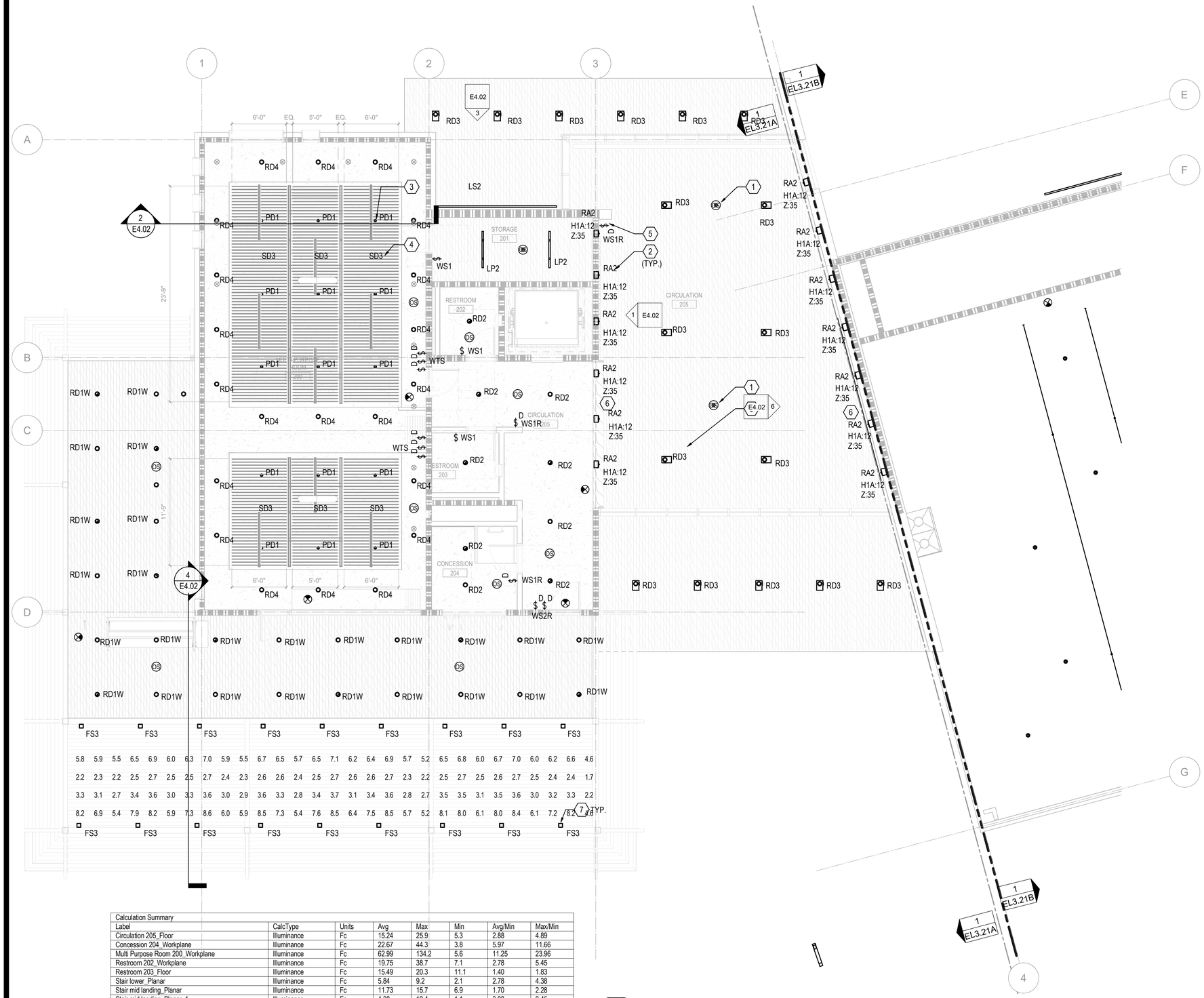
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL3.21A
SHEET 232 OF 294

Please Recycle



Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Circulation 205_Floor	Illuminance	Fc	15.24	25.9	5.3	2.88	4.89
Concession 204_Workplane	Illuminance	Fc	22.67	44.3	3.8	5.97	11.66
Multi Purpose Room 200_Workplane	Illuminance	Fc	62.99	134.2	5.6	11.25	23.96
Restroom 202_Workplane	Illuminance	Fc	19.75	38.7	7.1	2.78	5.45
Restroom 203_Floor	Illuminance	Fc	15.49	20.3	11.1	1.40	1.83
Stair lower_Planar	Illuminance	Fc	5.84	9.2	2.1	2.78	4.38
Stair mid landing_Planar	Illuminance	Fc	11.73	15.7	6.9	1.70	2.28
Stair mid landing_Planar_1	Illuminance	Fc	4.38	10.4	1.1	3.98	9.45
Stair top landing_Planar	Illuminance	Fc	12.33	24.2	2.3	5.36	10.52
Storage 201_Workplane	Illuminance	Fc	25.58	30.6	17.1	1.50	1.79
Terrace_Planar	Illuminance	Fc	15.84	27.4	1.7	9.32	16.12

1 EL3.22A 2ND FLOOR - SEGMENT A PHOTOMETRIC PLAN - NORMAL POWER
3/16" = 1'-0"

Keynotes:

1. PROVIDE HIGH BAY OCCUPANCY SENSOR FOR MOUNTING TO CEILING IN ATRIUM.
2. FIXTURES RECESSED INTO WALL AT 24' 6" AFF OF FIRST FLOOR.
3. PENDANT FIXTURES TO BE SUSPENDED BETWEEN SLATS FROM HIGHER CEILING. BOTTOM OF FIXTURE TO ALIGN WITH BOTTOM OF CEILING SLAT.
4. LINEAR LED STRIP SUSPENDED/SURFACE MOUNTED TO UNDERSIDE OF ROOF FOR BACKLIGHTING BEHIND FLOATING SLATS IN CEILING. COORDINATE EQUIPMENT POSITIONS OF OTHER TRADES FOR ANY CONFLICTS WITH HORIZONTAL RUNS
5. SWITCHED TO BE INSTALLED AT FIRST FLOOR INSIDE ATRIUM, INTEDED TO TO CONTROL RECESSED RD3 LUMINAIRES IN EXTERIOR ENTRY CANOPY
6. REFER TO SHEET EL3.11A FOR CONTROL SWITCH LOCATED ON RECEPTION WALL
7. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR.

Notes:

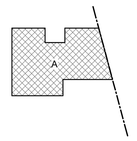
1. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
2. ALL EMERGENCY FIXTURES ON UL-924 SHUNT RELAY TO REMAIN AT FULL OUTPUT DURING EMERGENCY POWER. FIXTURES TO DIM ONLY DURING NORMAL POWER.
3. PROVIDE UL-924 RELAY FOR ALL LUMINAIRES DESIGNATED AS 'EM'. PROVIDE UNSWITCHED HOT RELAY PER MANUFACTURER'S REQUIREMENTS
4. 'WS##' AT WALL BOX SWITCHES INDICATE MULTI BUTTON PROGRAMMABLE KEYPAD BY LUTRON FOR LIGHTING CONTROLS. PROVIDE SINGLE KEYPAD WITH BUTTONS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENCY POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

KEY PLAN:



Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SynTerra Company
Approved
08/01/2025 3:22:18 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARCH No. E21270 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA
TN PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A - PHOTOMETRIC PLAN

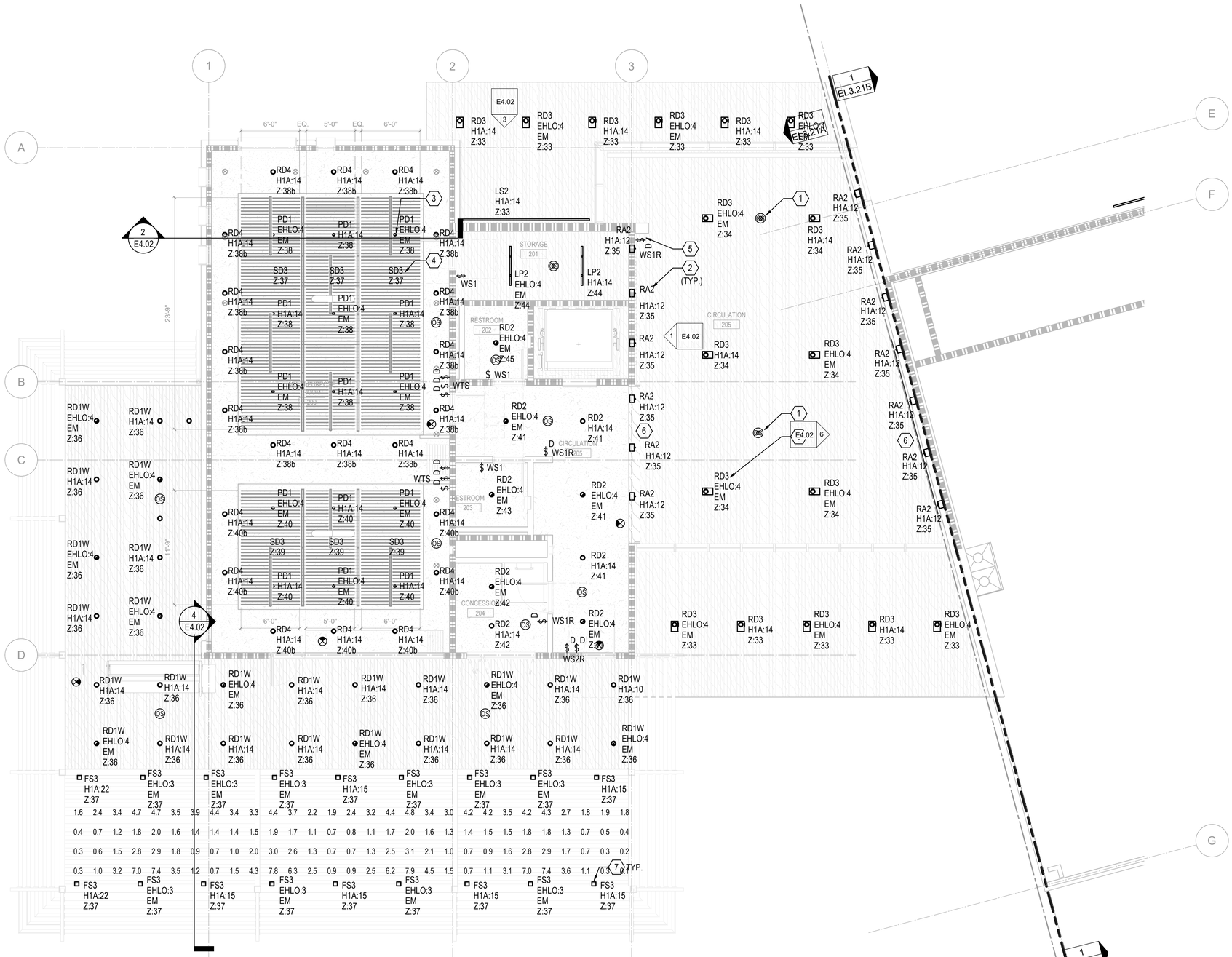
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Paula Marrico PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	EL3.22A
	SHEET 233 OF 294



Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Circulation 205_Floor	Illuminance	Fc	8.56	16.7	0.5	17.12	33.40
Concession 204_Workplane	Illuminance	Fc	11.32	29.3	1.9	5.96	15.42
Multi Purpose Room 200_Workplane	Illuminance	Fc	29.00	124.3	1.9	15.26	65.42
Restroom 202_Workplane	Illuminance	Fc	20.05	39.0	7.4	2.71	5.27
Restroom 203_Floor	Illuminance	Fc	15.74	20.5	11.4	1.38	1.80
Stair lower_Planar	Illuminance	Fc	4.78	7.9	1.8	2.66	4.39
Stair mid landing_Planar	Illuminance	Fc	11.54	15.5	6.8	1.70	2.28
Stair mid landing_Planar_1	Illuminance	Fc	4.22	10.1	1.0	4.22	10.10
Stair top landing_Planar	Illuminance	Fc	12.13	24.0	2.1	5.78	11.43
Storage 201_Workplane	Illuminance	Fc	12.83	25.0	2.5	5.13	10.00
Terrace_Planar	Illuminance	Fc	6.14	15.5	0.1	61.40	155.00

1 EL3.23A 2ND FLOOR - SEGMENT A PHOTOMETRIC PLAN 1
3/16" = 1'-0"

Keynotes:

1. PROVIDE HIGH BAY OCCUPANCY SENSOR FOR MOUNTING TO CEILING IN ATRIUM.
2. FIXTURES RECESSED INTO WALL AT 24' 6" AFF OF FIRST FLOOR.
3. PENDANT FIXTURES TO BE SUSPENDED BETWEEN SLATS FROM HIGHER CEILING. BOTTOM OF FIXTURE TO ALIGN WITH BOTTOM OF CEILING SLAT.
4. LINEAR LED STRIP SUSPENDED/SURFACE MOUNTED TO UNDERSIDE OF ROOF FOR BACKLIGHTING BEHIND FLOATING SLATS IN CEILING. COORDINATE EQUIPMENT POSITIONS OF OTHER TRADES FOR ANY CONFLICTS WITH HORIZONTAL RUNS
5. SWITCHED TO BE INSTALLED AT FIRST FLOOR INSIDE ATRIUM, INTEDED TO TO CONTROL RECESSED RD3 LUMINAIRES IN EXTERIOR ENTRY CANOPY
6. REFER TO SHEET EL3.11A FOR CONTROL SWITCH LOCATED ON RECEPTION WALL
7. PROVIDE 277V, 1P, 20A JUNCTION BOX FOR CONNECTION TO 277V-12V LOW VOLTAGE COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND ELECTRICAL CONTRACTOR.

Notes:

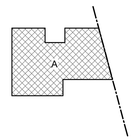
1. ALL LIGHTING FIXTURES TO BE BACKED UP BY GENERATOR.
2. ALL EMERGENCY FIXTURES ON UL-924 SHUNT RELAY TO REMAIN AT FULL OUTPUT DURING EMERGENCY POWER. FIXTURES TO DIM ONLY DURING NORMAL POWER.
3. PROVIDE UL-924 RELAY FOR ALL LUMINAIRES DESIGNATED AS 'EM'. PROVIDE UNSWITCHED HOT RELAY PER MANUFACTURER'S REQUIREMENTS
4. 'WS##' AT WALL BOX SWITCHES INDICATE MULTI BUTTON PROGRAMMABLE KEYPAD BY LUTRON FOR LIGHTING CONTROLS. PROVIDE SINGLE KEYPAD WITH BUTTONS.

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
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KEY PLAN:



Santee
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:18 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARCH No. E21270 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA TN PN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - 2ND FLOOR - SEGMENT A - PHOTOMETRIC PLAN - EMERGENCY EGRESS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

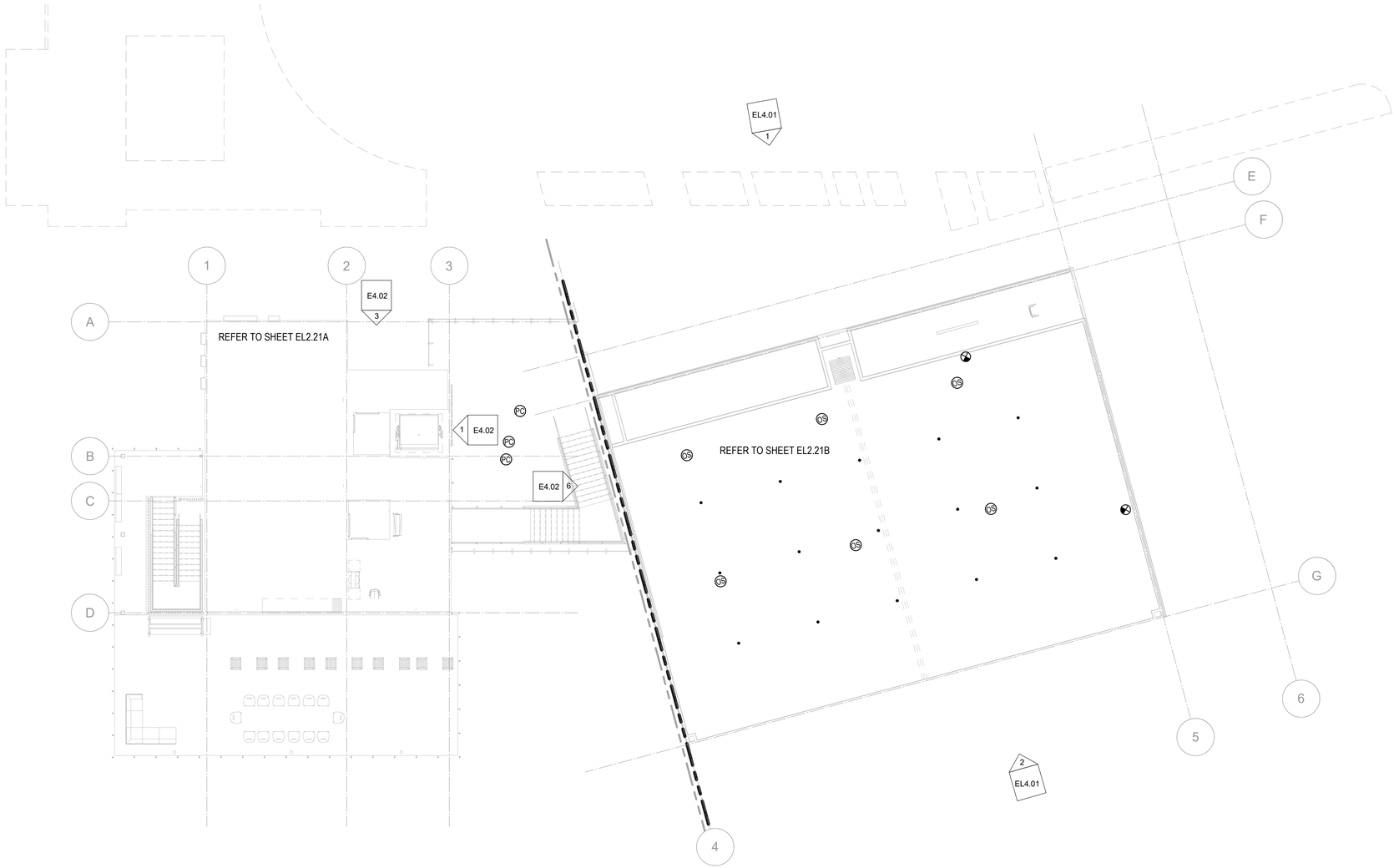
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL3.23A
SHEET 234 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 EL2.21 LIGHTING FLOOR PLAN - OVERALL - 2ND FLOOR
3/32" = 1'-0"

Keynotes:

Notes:

Santee
GO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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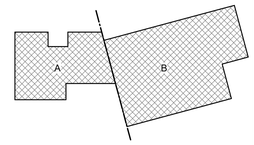
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:18 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCEL
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

TN
PN

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 2ND FLOOR - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

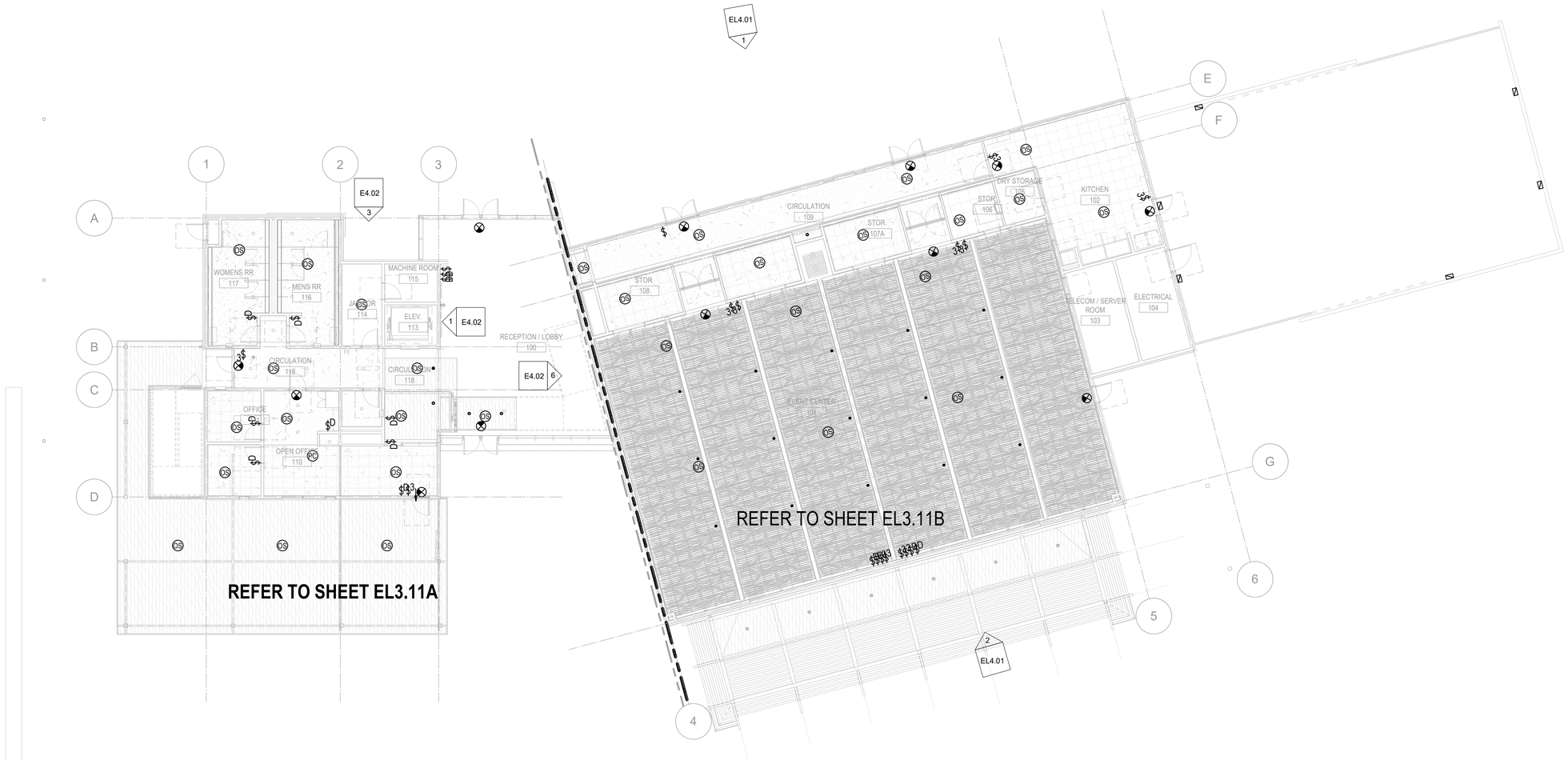
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **EL2.21**
SHEET 235 OF 294

Please Recycle



1 / EL3.11 LIGHTING RCP - OVERALL - 1ST FLOOR
3/32" = 1'-0"

Keynotes:

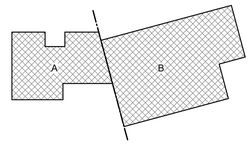
Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:18 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER SEAN MARC LEE No. E21370 EXP. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

PN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: EL3.11
SHEET 236 OF 294

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 1ST FLOOR - REFLECTED CEILING PLAN

100% CONSTRUCTION DOCUMENTS - 01/12/2024

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1 / EL3.21 LIGHTING RCP - OVERALL - 2ND FLOOR
3/32" = 1'-0"

Keynotes:

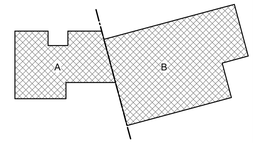
Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:18 PM

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
SEAN MARCY
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

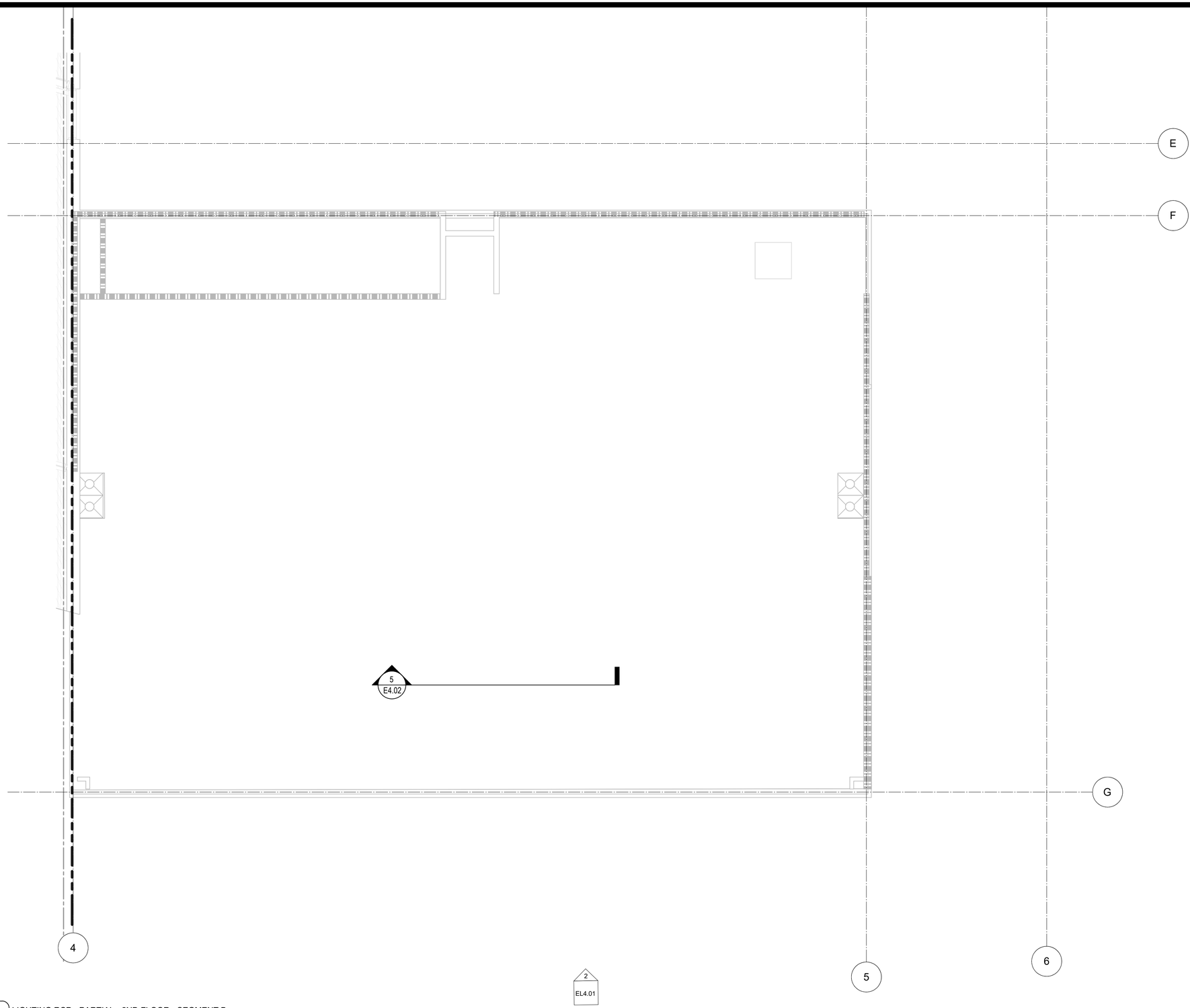
CITY W.O. NO.: **CIP 2018-31**

DRAWING NO.: **EL3.21**
SHEET 237 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 2ND FLOOR - REFLECTED CEILING PLAN

Please Recycle



1 EL3.21B LIGHTING RCP - PARTIAL - 2ND FLOOR - SEGMENT B
3/16" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug** 2**2**, 202**5**

INTERWEST A Bureau Veritas Company
Approved
08/01/2025 3:22:18 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARCELLE No. E21370 EXP. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

Keynotes:

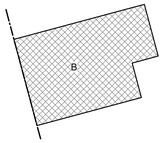
Notes:

LUMINAIRE TAG DESCRIPTION

GH2 - LUMINAIRE TAG
H1A:X - POWER CONTROL
EM - EMERGENCY POWER
Z:XX - LIGHTING DIMMING ZONE

LUMINAIRE TAG: LUMINAIRE DESIGNATION, REFER TO LUMINAIRE SCHEDULE FOR CATALOG NUMBER AND DESCRIPTION
POWER CONTROL: POWER CONTROL FOR LUMINAIRE LEG FROM ELECTIRCAL DISTRIBUTION PANELS
EMERGENCY POWER: LUMINAIRES DESIGNATED FOR RECEIVING UL-924 RELAY FOR EMERGENCY.
DIMMING ZONE: DIMMING CONTROL ZONE FOR LUMINAIRES TO CONTROL AND DIM TOGETHER DURING SCENE/SWITCH ACTIVATION.

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT B - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

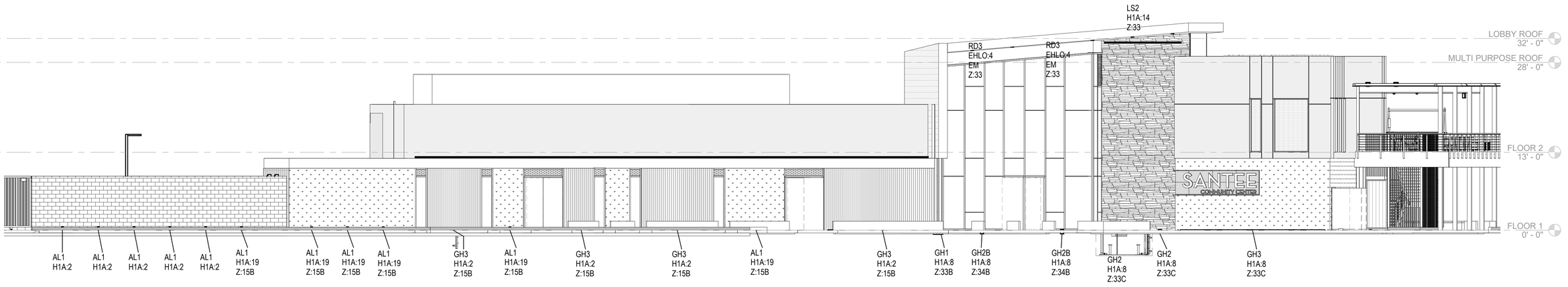
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

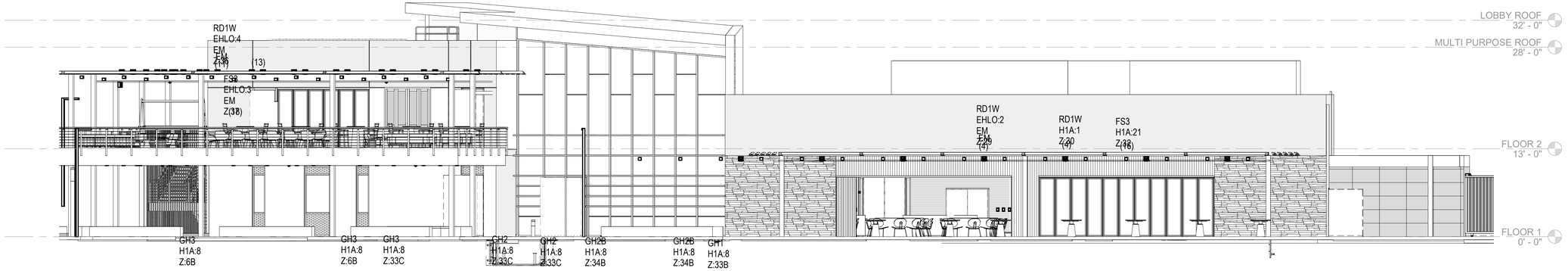
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**EL3.21B**
	SHEET 238 OF 294

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 / EL4.01 Elevation 1 - a
1/8" = 1'-0"



2 / EL4.01 Elevation 2 - a
1/8" = 1'-0"

Approved
08/01/2025 3:22:18 PM

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCY
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/8" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

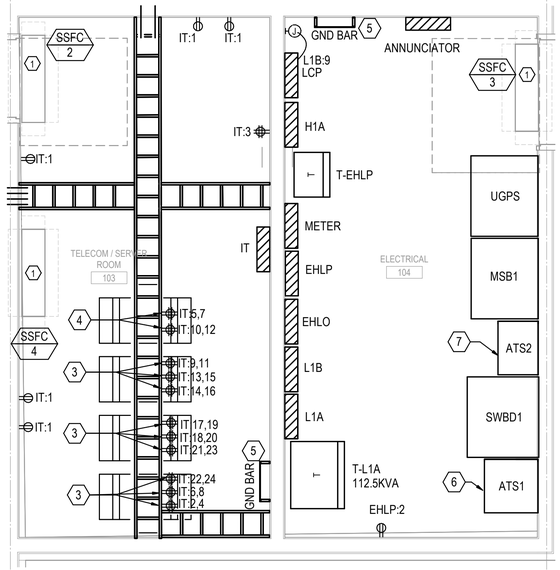
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **EL4.01**
SHEET 39 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING ELEVATIONS

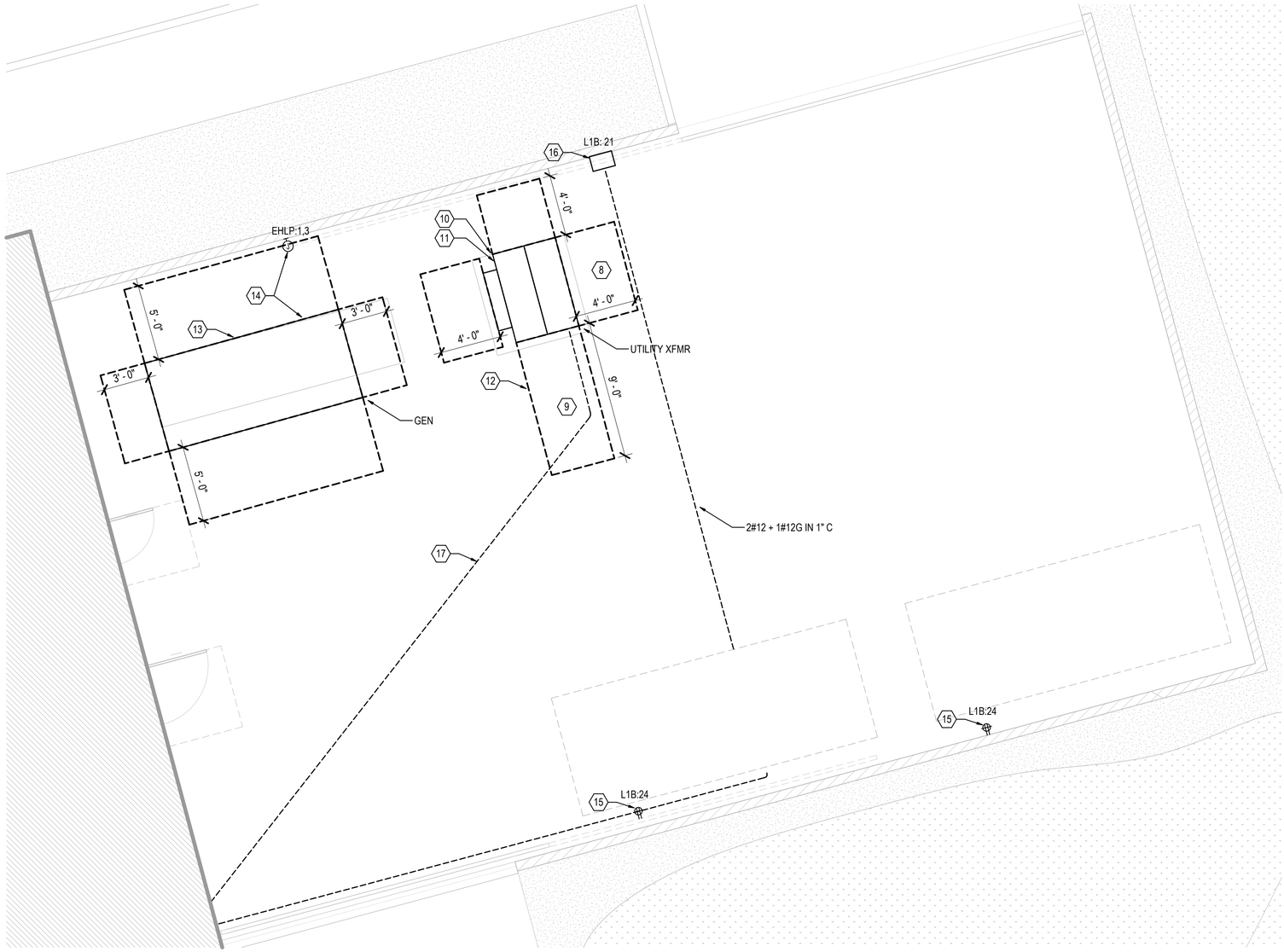
Please Recycle



5 6

1 POWER FLOOR PLAN - PARTIAL - 1ST FLOOR -TELECOM & ELECTRICAL ROOM

SCALE: 3/8" = 1'-0"



2 POWER SITE PLAN - UTILITY YARD

SCALE: 1/4" = 1'-0"

Keynotes:

1. ALL SSFC EQUIPMENT GETS POWERED BY OUTDOOR EQUIPMENT. (ALL SSCU'S)
2. NOT IN USE
3. (3) QUAD OUTLETS WITHIN A TWO GANG BOX. PROVIDE A DUAL CIRCUIT TIE HANDLE ON THE PANEL BREAKERS, MOUNTED ON THE TOP RAIL ON THE BACKSIDE OF THE RACK FACING THE BACK WALL RECEPTACLE SHOWN FOR REFERENCE ONLY, REFER TO ELECTRICAL DRAWING FOR CIRCUITING INFO. (TYPICAL)
4. (2) QUAD OUTLETS WITHIN A GANG BOX. PROVIDE A DUAL CIRCUIT TIE HANDLE ON THE PANEL BREAKERS, MOUNTED ON THE TOP RAIL ON THE BACKSIDE OF THE RACK FACING THE BACK WALL RECEPTACLE SHOWN FOR REFERENCE ONLY, REFER TO ELECTRICAL DRAWINGS BY OTHERS FOR CIRCUITING INFO. (TYPICAL)
5. TELECOMMUNICATIONS COPPER GROUNDING BUS BAR AT 7' -6" AFF. BAR ISOLATED GROUND THAT IS CONNECTED TO THE ELECTRICAL PANEL AND CONNECTED UNDER THE VCT FOR STATIC GROUND.
6. NEW 100A, 480V-4W AUTOMATIC TRANSFER SWITCH.
7. NEW 400A, 480V-4W AUTOMATIC TRANSFER SWITCH.
8. PROVIDE PRE-CAST TRANSFORMER PAD MEETING THE REQUIREMENTS OF SDGE STANDARD UG3425. INSTALLATION OF TRANSFORMER SECONDARY CONDUITS TO THE MAIN/METER SWITCHGEAR SHALL ALSO FOLLOW THIS STANDARD.
9. PROVIDE BARRIER POST PROTECTION AROUND TRANSFORMER PAD LOCATION MEETING THE REQUIREMENTS OF SDGE STANDARD UG3479 FOR QUANTITY, SPACING AND CONSTRUCTION.
10. PROVIDE TRANSFORMER AND ELECTRICAL SERVICE GROUNDING MEETING THE REQUIREMENTS OF SDGE STANDARD UG4512.
11. INSTALL TWO 5-INCH PRIMARY UTILITY CONDUITS FROM THE SDGE POINT OF CONNECTION TO THE NEW TRANSFORMER PAD LOCATION MEETING THE REQUIREMENTS OF SDGE STANDARD UG3366.1.
12. CLEARANCES AROUND UTILITY TRANSFORMER AND OTHER ABOVE GROUND OBJECTS SHALL BE CONSTRUCTED AND MAINTAINED TO THE DIMENSIONS AND CONDITIONS IDENTIFIED IN SDGE STANDARDS UG3480 AND UG3488.
13. PROVIDE A 400KW, 480/277V, 3P4W, TIER 3 COMPLIENT GENERATOR. REFER TO MANUFACTURER AND STRUCTURAL DETAIL DRAWINGS FOR PAD REQUIREMENTS.
14. PROVIDE GENERATOR WITH INTERNAL LOAD CENTER FOR AUXILIARY POWER, HEAT BANK AND ETC. USE THE MAINTAINANCE JUNCTION BOX TO POWER UP THE LOAD CENTER.
15. CONTRACTOR SHALL PROVIDE (2) WEATHER PROOF GFCI RECEPTACLES FOR SEA CONTAINERS PER CLIENT'S REQUEST CONTRACTOR TO FIELD COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH OWNER PRIOR TO INSTALLATION. RECEPTACLES AND CONDUITS RECESSED IN CMU WALL. REFER TO STRUCTURAL DRAWINGS FOR CMU WALL.
16. CONTRACTOR SHALL COORDINATE CONNECTION TO GATE OPENER REQUIREMENTS PRIOR TO ROUGH-IN.
17. REFER TO ONELINE DIAGRAM FOR CONDUIT AND CABLE SIZE INFORMATION.

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:18 PM

Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCH
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

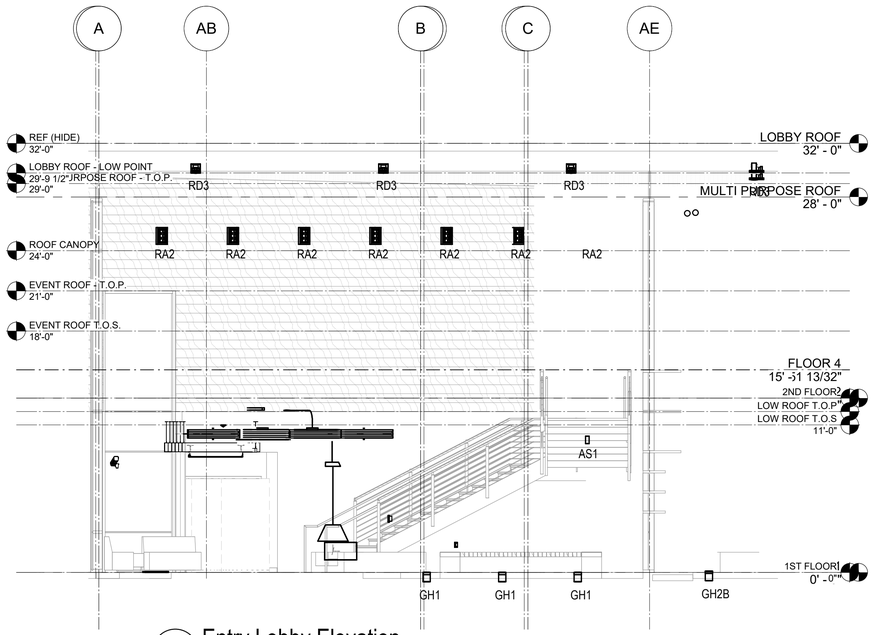
DRAWING NO.: **E4.01**
SHEET 240 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

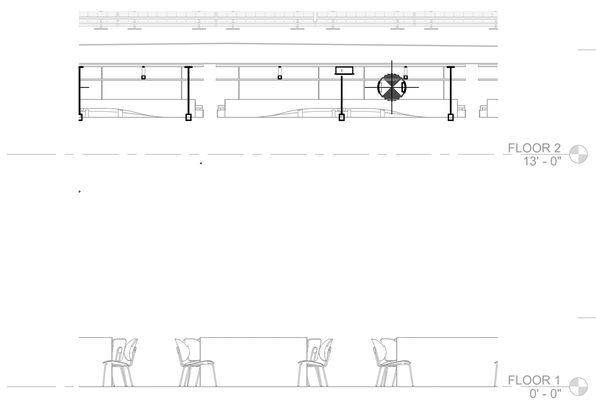
SANTEE COMMUNITY CENTER - ELECTRICAL ENLARGED PLAN

Please Recycle

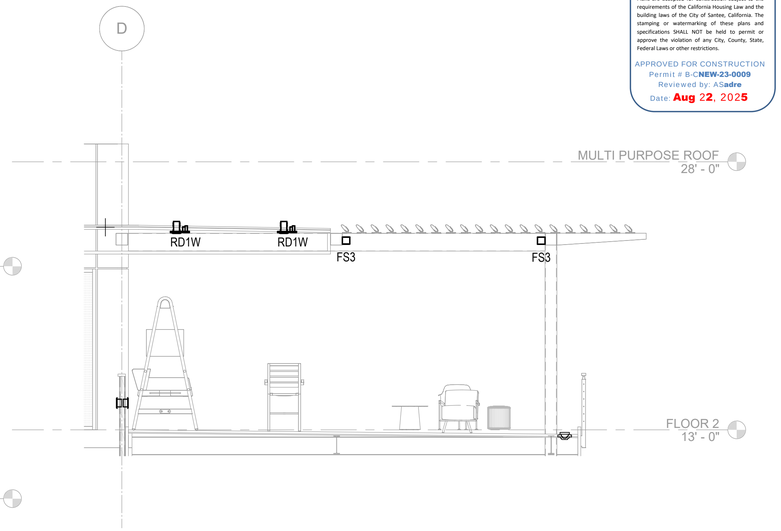
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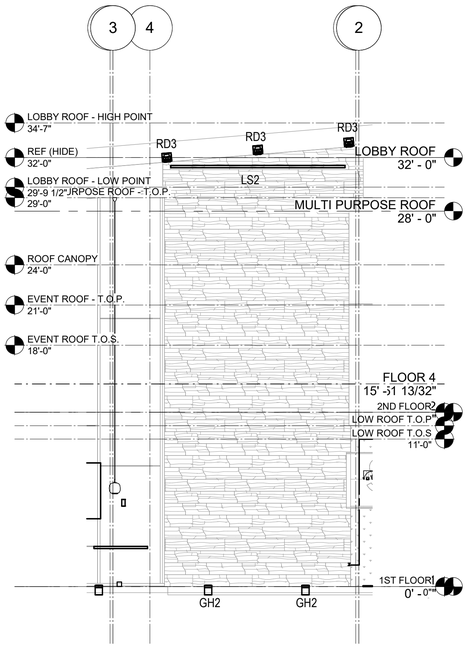
6 Entry Lobby Elevation
SCALE: 3/16" = 1'-0"



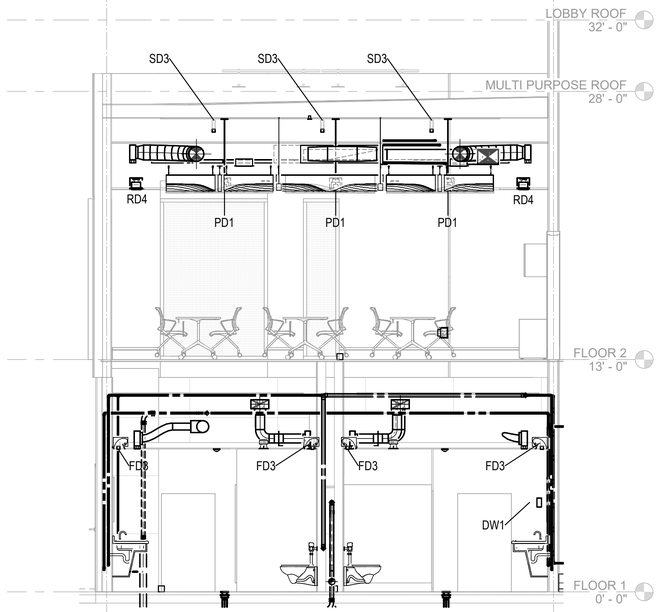
5 Event Center Ceiling Section
SCALE: 1/4" = 1'-0"



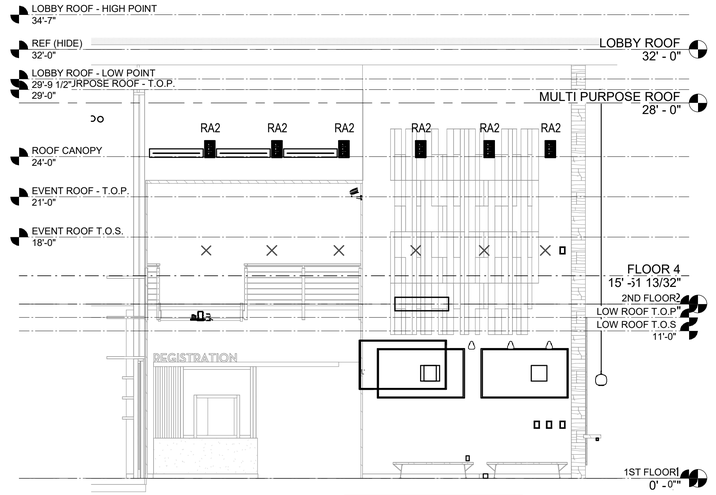
4 Trellis Section - FS3 Fixture - Second Floor
SCALE: 1/4" = 1'-0"



3 North Facade - LS2 Fixture Elevation
SCALE: 3/16" = 1'-0"



2 Interior Section - Restroom/ Multipurpose
SCALE: 1/4" = 1'-0"



1 Entry Lobby - RA2 Fixture Elevation
SCALE: 3/16" = 1'-0"

Santee
GO BIG • GO EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A RAFFELSON COMPANY
Approved
08/01/2025 3:22:18 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCK
No. E21370
Ex. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL LIGHTING ELEVATIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

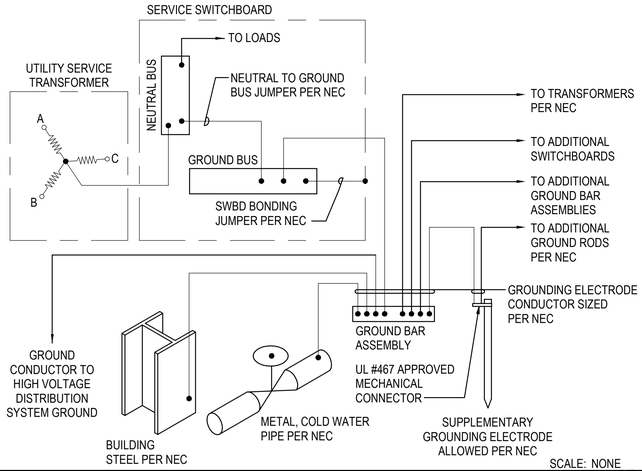
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: E4.02
SHEET 41 OF 294

Please Recycle

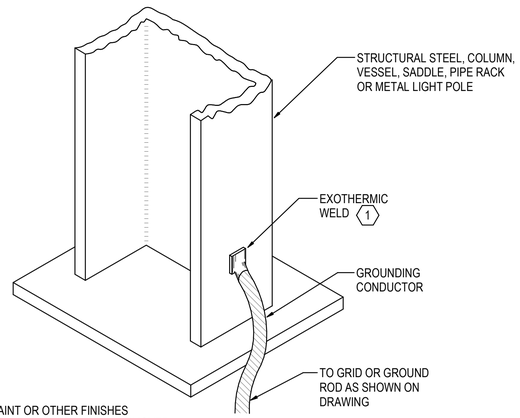
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100% CONSTRUCTION DOCUMENTS - 01/12/2024



SCALE: NONE

GROUNDING DETAIL 1



NOTE:

1. REMOVE ANY PAINT OR OTHER FINISHES BEFORE MAKING WELD. REAPPLY ANY REMOVED GALVANIZING AND RESTORE OTHER PROTECTIVE COATINGS FOLLOWING INSPECTION.

SCALE: NONE

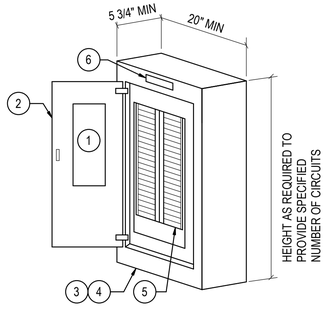
BUILDING STEEL GROUND BOND (EXOTHERMIC) 2

SCALE: NONE

NOT IN USE 3

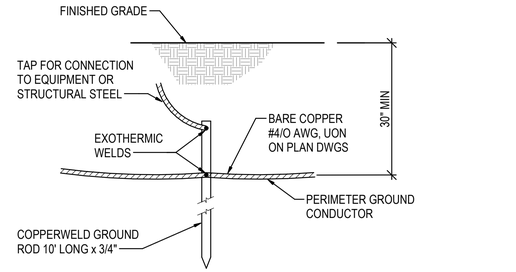
NOTES:

1. TYPEWRITTEN CIRCUIT SCHEDULE BEHIND CLEAR PLASTIC COVER ON INSIDE OF DOOR.
2. HINGED LOCKABLE DOOR WITHIN DOOR, FLUSH CATCH AND LOCK. ALL CABINETS KEYED ALIKE. KEYS TO MATCH EXISTING PANELBOARD WHERE ADDING TO EXISTING FACILITY. DOOR TO BE ABLE TO OPEN TO A MINIMUM OF 90 DEGREES.
3. WHERE INDICATED ON SCHEDULE PROVIDE VERTICALLY MOUNTED MAIN BREAKER AHEAD OF PANEL BUS.
4. FLUSH OR SURFACE MOUNTED PANELBOARD AS INDICATED ON DRAWINGS.
5. FACTORY INSTALLED METAL CIRCUIT NUMBERS SCREWED OR RIVETED TO TRIM.
6. LAMINATED, ENGRAVED NAME PLATE (MOUNTED UNDER DOOR IN AREAS EXPOSED TO PUBLIC VIEW) REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



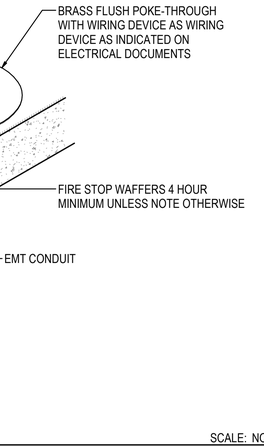
SCALE: NONE

TYPICAL PANELBOARD 4



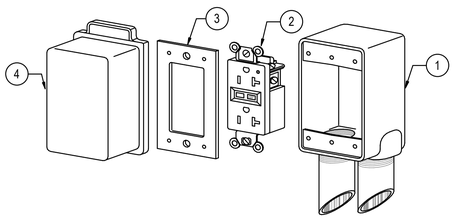
SCALE: NONE

BURIED GROUND ROD 5



SCALE: NONE

FIRE RATED POKE THROUGH INSTALLATION 6

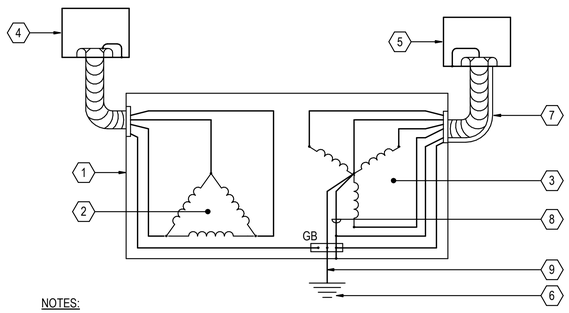


NOTES:

1. CAST OUTLET BOX, FERROUS METAL CONSTRUCTION, GALVANIZED WITH HUBS FOR RIGID CONDUIT, (MINIMUM 2 HUBS, REFER TO PLANS FOR NUMBER AND LOCATIONS). PROVIDE PLUGS FOR UNUSED HUBS.
2. GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE.
3. NEOPRENE GASKET PRECUT TO FIT RECEPTACLE AND BOX.
4. CAST ALUMINUM EXTRA DEEP LIFT COVER RAINTIGHT WHILE IN USE.

SCALE: NONE

WEATHERPROOF OUTLET INSTALLATION 7

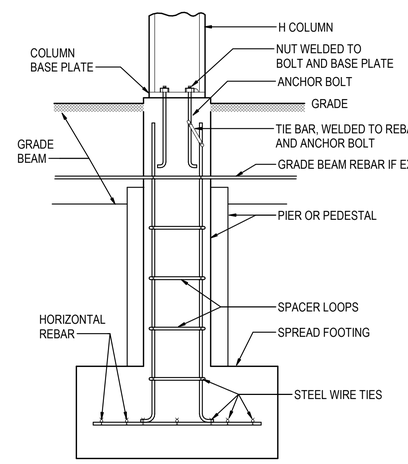


NOTES:

1. ENCLOSURE
2. PRIMARY WINDING
3. SECONDARY WINDING
4. PRIMARY DISCONNECT SWITCH
5. SECONDARY DISCONNECT SWITCH
6. GROUNDING ELECTRODE
7. FLEXIBLE CONDUIT WITH SUPPLY SIDE BONDING JUMPER
8. BOND TO ENCLOSURE
9. GROUNDING ELECTRODE CONDUCTOR

SCALE: NONE

TRANSFORMER GROUNDING 8



NOTES:

1. TIE WIRE NUMBER OF SECTIONS TO TOTAL AT LEAST 20' IN LENGTH. AS AN ALTERNATE TO WIRE TIE, USE REBAR'S WELDING IF APPROVED BY STRUCTURAL ENGINEER.
2. REBARS SHALL BE MIN. #4AWG ZINC GALVANIZED STEEL OR USE #4AWG BARE COPPER WIRE TO BOND TO REBARS VIA EXOTHERMIC WELD OR IRREVERSABLE HYDRAULIC COMPRESSED CONNECTION (MIN 10 TON PRESSURE)

SCALE: NONE

UFER GROUND 9

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A Bureau Veritas Company
Approved
08/01/2025 3:22:19 PM

REGISTERED PROFESSIONAL ENGINEER
SEAN MARCH
No. E21370
EX. 03/31/2026
ELECTRICAL
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - ELECTRICAL DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 12" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

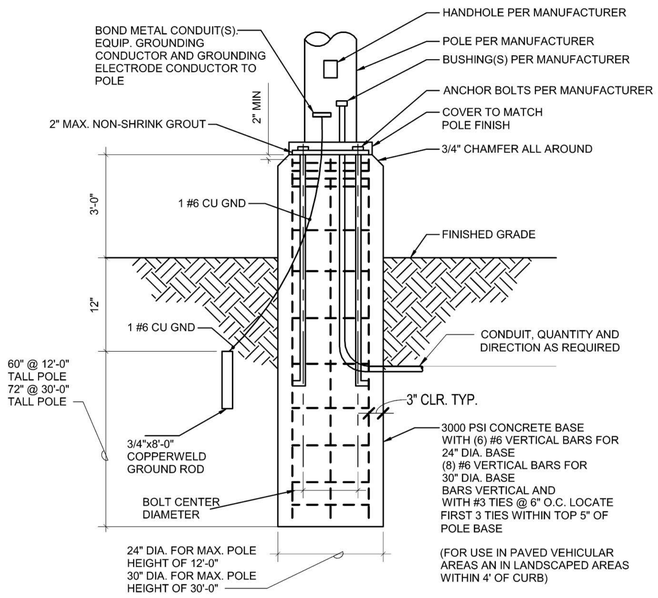
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	E6.01
	SHEET 42 OF 294

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-E-Santee Community Center-R20.rvt

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100% CONSTRUCTION DOCUMENTS - 01/12/2024



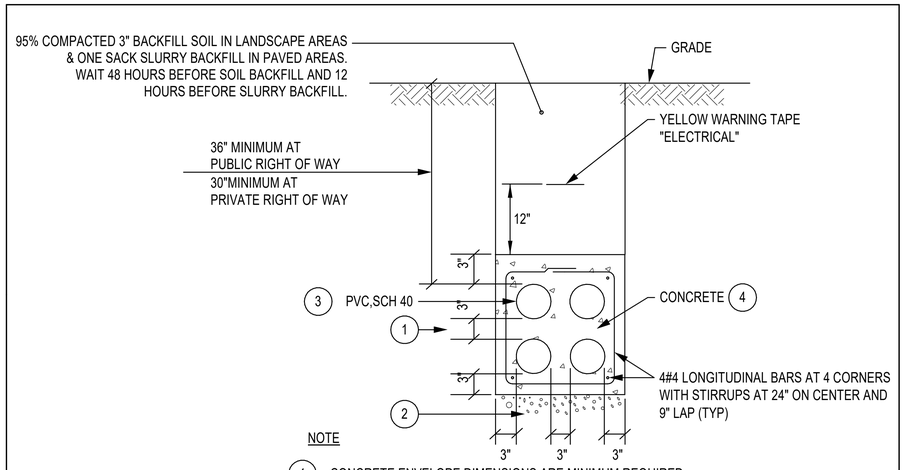
EXTENDED POLE BASE

NOTES:

1. CONTRACTOR SHALL PROVIDE FINAL POLE DIMENSIONS AND WIGHT FOR VERIFICATION WITH STRUCTURAL ENGINEER OF RECORD (SEOR) PRIOR TO FOOTING CONSTRUCTION.

1 LIGHTING - POLE BASE DETAILS

SCALE: NTS



NOTE

1. CONCRETE ENVELOPE DIMENSIONS ARE MINIMUM REQUIRED. MAINTAIN 3" COVER ON ALL SIDES.
2. PROVIDE 6" MINIMUM COMPACTED 3/4" GRAVEL UNDER ALL CONCRETE ENCASED DUCT RUNS.
3. A TYPICAL DUCT BANK WITH 4 CONDUITS IS SHOWN. FOR QUANTITY AND SIZE REFER TO THE SITE PLANS. IN CASE OF VARIOUS SIZES, SMALLER CONDUITS SHALL BE LAID ON THE UPPER LAYER. USE PLASTIC SPACERS 5' ON CENTER.
4. CONCRETE MIX PER CITY OF BURBANK P.S.D. BATCH WEIGHT FOR ONE CUBIC YARD:
   A. CEMENT 3.5 SACKS, 329 POUNDS.
   B. 3/8" AGGREGATE 1618 POUNDS.
   C. SAND 1637 POUNDS.
   D. RED OXIDE RATIO, 2 POUNDS TO ONE SACK CEMENT.

NONE

ELECTRICAL UNDERGROUND TRENCH DETAIL 2

Santee
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:19 PM



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 12" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO. _____	DATE _____	EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: E6.02
SHEET 43 OF 294

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

DISTRIBUTION PANEL: MSB1

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 480/277 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 600 A
FED FROM: UTILITY XFMR | **PHASE / WIRE:** 3 PH / 4 W | **BRACING (AMPS):** 42,000 A | **BUS RATING:** 800 A
BRANCH: | **NEMA:** | **AVAILABLE FAULT CURRENT:** 30,000 KAIC | **MOUNTING:**

CKT NO	CIRCUIT DESCRIPTION	POLE	FRAME	TRIP	LOAD (kVA)	REMARKS
1					4,366 VA	
2	ATS1	3	400 A	250 A	2,948 VA	
3					592 VA	
4					96,684 VA	
5	ATS2	3	600 A	500 A	72,057 VA	
6					74,301 VA	
7					37,440 VA	
8	T-EV-1	3	225 A	175 A	34,320 VA	
9					34,320 VA	
10					31,200 VA	
11	T-EV-2	3	225 A	175 A	31,200 VA	
12					24,960 VA	
13	SPARE	1	400 A	20 A	0 VA	
14	SPARE	1	400 A	20 A	0 VA	
15	SPARE	1	400 A	20 A	0 VA	
16	SPARE	1	400 A	20 A	0 VA	
17	SPARE	1	400 A	20 A	0 VA	
18	SPARE	1	400 A	20 A	0 VA	
19	SPARE	1	400 A	20 A	0 VA	
20	SPARE	1	400 A	20 A	0 VA	
21	SPARE	1	400 A	20 A	0 VA	
22	SPARE	1	400 A	20 A	0 VA	
23	SPARE	1	400 A	20 A	0 VA	
24	SPARE	1	400 A	20 A	0 VA	
				TOTAL (kVA)	444,386.40	

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
L	9,353 VA	11 A	125.00%	11,691 VA	14 A
R	73,990 VA	89 A	56.76%	41,995 VA	51 A
M	4,014 VA	5 A	107.16%	4,302 VA	5 A
C	148,162 VA	178 A	125.00%	185,203 VA	223 A
P	212 VA	0 A	100.00%	212 VA	0 A
EV CHARGERS	193,590 VA	233 A	125.00%	241,988 VA	291 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	444,386 VA	535 A	500,446 VA	602 A

NOTES:

DISTRIBUTION PANEL: SWBD1

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 480/277 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 600 A
FED FROM: ATS2 | **PHASE / WIRE:** 3 PH / 4 W | **BRACING (AMPS):** 42,000 | **BUS RATING:** 600 A
BRANCH: | **NEMA:** TYPE 1 | **AVAILABLE FAULT CURRENT:** 30,000 KAIC | **MOUNTING:** SURFACE

CKT NO	CIRCUIT DESCRIPTION	POLE	FRAME	TRIP	Load	REMARKS
1					2,297 VA	
2	H1A	3	400 A	250 A	2,310 VA	
3					1,676 VA	
4					56,438 VA	
5	T-L1A	3	225 A	175 A	31,837 VA	
6					34,731 VA	
7					7,473 VA	
8	L1 MACHINE ROOM 115 ELEVATOR FUSE DISCONNECTS	3	100 A	35 A	7,473 VA	
9					7,473 VA	
10					9,384 VA	
11	ROOFTOP CU-1	3	100 A	70 A	9,384 VA	
12					9,384 VA	
13					6,477 VA	
14	ROOFTOP RTU-1	3	100 A	30 A	6,477 VA	
15					6,477 VA	
16					6,477 VA	
17	ROOFTOP RTU-2	3	100 A	30 A	6,477 VA	
18					6,477 VA	
19					2,823 VA	
20	ROOFTOP ERV-1	3	100 A	15 A	2,823 VA	
21					2,823 VA	
22					2,823 VA	
23	ROOFTOP ERV-2	3	100 A	15 A	2,823 VA	
24					2,823 VA	
25					1,246 VA	
26	ROOFTOP POWER EXHAUST	3	100 A	15 A	1,246 VA	
27					1,246 VA	
28					1,246 VA	
29	ROOFTOP POWER EXHAUST	3	100 A	15 A	1,246 VA	
30					1,246 VA	
31	SPARE	1	400 A	20 A	0 VA	
32	SPARE	1	400 A	20 A	0 VA	
33	SPARE	1	400 A	20 A	0 VA	
34	SPARE	1	400 A	20 A	0 VA	
35	SPARE	1	400 A	20 A	0 VA	
36	SPARE	1	400 A	20 A	0 VA	
37	SPARE	1	400 A	20 A	0 VA	
38	SPARE	1	400 A	20 A	0 VA	
39	SPARE	1	400 A	20 A	0 VA	
40					0 VA	
41	PV INPUT BREAKER	3	400 A	100 A	0 VA	
42					0 VA	
				TOTAL (kVA)	243,040.69	

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
L	6,246 VA	8 A	125.00%	7,808 VA	9 A
R	72,910 VA	88 A	56.86%	41,455 VA	50 A
M	4,014 VA	5 A	107.16%	4,302 VA	5 A
C	148,162 VA	178 A	125.00%	185,203 VA	223 A
P	212 VA	0 A	100.00%	212 VA	0 A
EV CHARGERS	150 VA	0 A	125.00%	188 VA	0 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	243,041 VA	292 A	250,499 VA	301 A

NOTES:

PANEL: H1A

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 480/277 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 250 A MCB
FED FROM: SWBD1 | **PHASE / WIRE:** 3PH / 4W | **BRACING (AMPS):** 35,000 A | **BUS RATING:** 250 A
BRANCH: | **NEMA:** Type 1 | **AVAILABLE FAULT CURRENT:** 26,634 KAIC | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	L	20 A	1	L1 RCP OUTDOOR CANOPY LIGHTING	0.43 / 0.27			L1 & L2 ELEC 104, & KITCHEN 102 LGHTING	1	20 A	L	2
3	L	20 A	1	L1 RCP OUTDOORS UNDER CANOPY LT		0.18 / 1.06		L1 KITCHEN 102 LIGHTING	1	20 A	L;...	4
5	L	20 A	1	L1 EVENT CENTER 101 REMOTE POWER...			0.06 / 0.16	L1 MACHINE, RR'S, JANITORS, LOBBY,...	1	20 A	L	6
7	L	20 A	1	L1 RCP OPEN OFFICE 110, OFFICE 111,...	0.01 / 0.46			L1 OPEN OFFICE 110, CIRC 109 LIGHTING	1	20 A	L	8
9	L	20 A	1	L1 RCP EVENT CENTER 101 LIGHITNG		0.02 / 0.01		L2 RCP OUTDOOR & MULTI-PURPOSE 200	1	20 A	L	10
11	L	20 A	1	L1 RCP OUTDOOR CANOPY LTG			0.02 / 0.43	L2 RCP CIRCULATION 205	1	20 A	L	12
13	L	20 A	1	L1 RCP CIRC 109 EM LIGHTS	0.02 / 1.00			L2 RCP CIRC 205 LIGHTS	1	20 A	L;...	14
15	L	20 A	1	L1 OUTDOOR REMOTE POWER SUPPLY...		0.04 / 0.98		LIGHTING SITE PLAN POLE LIGHTS	1	20 A	L	16
17	L	20 A	1	L1 LOBBY/OPENOFFICE REMOTE PWR...			0.01 / 1.03	LIGHTING SITE PLAN POLE LIGHTS	1	20 A	L;...	18
19	L	20 A	1	L1 CIRC 109 REMOTE POWER SUPPLY 12V	0.06 / 0.05			L1 OUTDOOR REMOTE POWER SUPPLY...	1	20 A	L	20
21	L	20 A	1	L1 OUTDOOR REMOTE POWER SUPPLY...		0.06 / 0.01		L1 OUTDOOR REMOTE POWER SUPPLY...	1	20 A	L	22
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42
					2.30 kVA	2.31 kVA	1.68 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
L	6,246 VA	8 A	125.00%	7,808 VA	9 A
Lighting	0 VA	0 A	0.00%	0 VA	0 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR | K = KITCHEN

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	6,246 VA	8 A	7,808 VA	9 A
SPARE	0 VA	0 A	0 VA	0 A
TOTAL +...	6,246 VA	8 A	7,808 VA	9 A

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: EHLO

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 480/277 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 100 A MCB
FED FROM: ATS1 | **PHASE / WIRE:** 3PH / 4W | **BRACING (AMPS):** 25,000 A | **BUS RATING:** 50 A
BRANCH: | **NEMA:** Type 1 | **AVAILABLE FAULT CURRENT:** 20,064 KAIC | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	L	20 A	1	L1 RR'S,CIRCULATION & EVENT DECK EM	0.58 / 1.28			L1 CIRC, EVENT CENTER, KITCHEN,...	1	20 A	L	2
3	L	20 A	1	L1 OUTDOOR REMOTE POWER SUPPLY...		0.07 / 0.86		L1 OUTDOOR REMOTE POWER SUPPLY...	1	20 A	L	4
5	L	20 A	1	L1 OUTDOOR REMOTE POWER SUPPLY...			0.06 / 0.08	L2 ELEVATOR HOIST WAY LIGHTING	1	20 A	L	6
7	L	20 A	1	L1 ELEVATOR PIT LIGHTING	0.08 / 0.09			SITE LIGHTING PLAN WD2 FIXTURES	1	20 A	L;...	8
9	L	20 A	1	L1 EVENT CENTER 101 REMOTE PWR...		0.04 / 0.00		SPARE	1	20 A	--	10
11	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	12
13	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	14
15	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	16
17	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	18
19	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	20
21	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	22
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 2.34						Spare	38
39	--	20 A	1	SPARE		0.00 / 1.98		T-EHLP	3	25 A	R; N	40
41	--	--	1	SURGE PROTECTIVE DEVICE			0.00 / 0.46					42
					4.37 kVA	2.95 kVA	0.59 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
L	3,126 VA	4 A	125.00%	3,908 VA	5 A
Lighting	0 VA	0 A	0.00%	0 VA	0 A
N	3,700 VA	4 A	100.00%	3,700 VA	4 A
R	1,080 VA	1 A	100.00%	1,080 VA	1 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR | K = KITCHEN

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	7,906 VA	10 A	8,688 VA	10 A

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: EHLP

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 120/208 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 50 A MLO
FED FROM: T-EHLP | **PHASE / WIRE:** 3PH / 4W | **BRACING (AMPS):** 10,000A | **BUS RATING:** 100 A
BRANCH: | **NEMA:** Type 1 | **AVAILABLE FAULT CURRENT:** 908 KAIC | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	N	40 A	2	AUXILIARY PANEL	1.80 / 0.36			L1 TELECOM ROOM RECEPTACLE	1	20 A	R	2
3						1.80 / 0.18		L2 ELEVATOR 113 HOISTWAY...	1	20 A	R	4
5	N	20 A	1	L1 ELECTRICAL ROOM 104 FACP			0.10 / 0.36	L1 ELEV. 114 PIT REC	1	20 A	R	6
7	R	20 A	1	L1 ELEV MACHINE ROOM 115 REC	0.18 / 0.00			SPARE	1	20 A	--	8
9	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	10
11	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	12
13	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	14
15	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	16
17	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	18
19	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	20
21	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	22
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24
					2.34 kVA	1.98 kVA	0.46 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
N	3,700 VA	10 A	100.00%	3,700 VA	10 A
R	1,080 VA	3 A	100.00%	1,080 VA	3 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR | K = KITCHEN

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	4,780 VA	13 A	4,780 VA	13 A

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.
2. PROVIDE PANEL WITH THE RATED SPD DEVICE.

Santee — DO MORE • LIVE EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST — A Service of Bureau Veritas
Approved
08/01/2025 3:22:19 PM

REGISTERED PROFESSIONAL ENGINEER — SEAN MARGO — No. E21370 — EXP. 03/31/2026 — ELECTRICAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. ____ DATE ____ EXPIRES ____

REVIEWED 08/26/2025
BY ____ PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **E7.01**
SHEET 44 OF 294

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - PANEL SCHEDULES

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

PANEL: EV-1 | **LOCATION:** | **FED FROM:** T-EV-1 | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** Phase 1 | **BRACING (AMPS):** 10,000A | **AVAILABLE FAULT CURRENT:** 4,698 KAIC | **MAIN:** 400 A MCB | **BUS RATING:** 400 A | **MOUNTING:** RECESSED

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A	B	C	LOAD TYPE	CB TRIP-POLE			CKT NO / CODE	
1	EV CH...	40 A	2	EVCS-1, CS-1:1,3	3.12 / 3.12			EVCS-2, CS-2:6,8,10,12	2	40 A	EV CH...	2	4
3						3.12 / 3.12							
5	EV CH...	40 A	2	EVCS-3, CS-4:5,7,9,11			3.12 / 3.12	EVCS-2, CS-3:6,8,10,12	2	40 A	EV CH...	6	8
7					3.12 / 3.12								
9	EV CH...	40 A	2	EVCS-3, CS-5:5,7,9,11		3.12 / 3.12		EVCS-4, CS-6:14,16,18,20	2	40 A	EV CH...	10	12
11							3.12 / 3.12						
13	EV CH...	40 A	2	EVCS-5, CS-8:13,15,17,19	3.12 / 3.12			EVCS-4, CS-7:14,16,18,20	2	40 A	EV CH...	14	16
15						3.12 / 3.12							
17	EV CH...	40 A	2	EVCS-5, CS-9:13,15,17,19			3.12 / 3.12	EVCS-6, CS-10:22,24,26,28	2	40 A	EV CH...	18	20
19					3.12 / 3.12								
21	EV CH...	40 A	2	EVCS-7, CS-12:21,23,25,27		3.12 / 3.12		EVCS-6, CS-11:22,24,26,28	2	40 A	EV CH...	22	24
23							3.12 / 3.12						
25	EV CH...	40 A	2	EVCS-7, CS-13:21,23,25,27	3.12 / 3.12			EVCS-8, CS-14:30,32,34,36	2	40 A	EV CH...	26	28
27						3.12 / 3.12							
29	EV CH...	40 A	2	EVCS-9, CS-16:29,31,33,35			3.12 / 3.12	EVCS-8, CS-15:30,32,34,36	2	40 A	EV CH...	30	32
31					3.12 / 3.12								
33	EV CH...	40 A	2	EVCS-9, CS-17:29,31,33,35		3.12 / 0.00		SPARE	1	20 A	--	34	
35							3.12 / 0.00	SPARE	1	20 A	--	36	
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38	
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40	
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42	
43	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	44	
45	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	46	
47	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	48	
49	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	50	
51	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	52	
53	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	54	
55	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	56	
57	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	58	
59	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	60	
					37.44 kVA	34.32 kVA	34.32 kVA						

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
EV CHARGERS	106,080 VA	294 A	125.00%	132,600 VA	368 A
TOTAL	106,080 VA	294 A		132,600 VA	368 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: EV-2 | **LOCATION:** | **FED FROM:** T-EV-2 | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** Phase 1 | **BRACING (AMPS):** 10,000A | **AVAILABLE FAULT CURRENT:** 4,432 KAIC | **MAIN:** 400 A MCB | **BUS RATING:** 400 A | **MOUNTING:** RECESSED

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A	B	C	LOAD TYPE	CB TRIP-POLE			CKT NO / CODE	
1	EV CH...	40 A	2	EVCS-1, CS-1:1,3,5,7	3.12 / 3.12			EVCS-2, CS-3:2,4,6,8	2	40 A	EV CH...	2	4
3						3.12 / 3.12							
5	EV CH...	40 A	2	EVCS-1, CS-2:1,3,5,7			3.12 / 3.12	EVCS-2, CS-4:2,4,6,8	2	40 A	EV CH...	6	8
7					3.12 / 3.12								
9	EV CH...	40 A	2	EVCS-4, CS-7:9,11,13,15		3.12 / 3.12		EVCS-3, CS-5:10,12,14,16	2	40 A	EV CH...	10	12
11							3.12 / 3.12						
13	EV CH...	40 A	2	EVCS-4, CS-8:9,11,13,15	3.12 / 3.12			EVCS-3, CS-6:10,12,14,16	2	40 A	EV CH...	14	16
15						3.12 / 3.12							
17	EV CH...	40 A	2	EVCS-5, CS-9:17,19,21,23			3.12 / 3.12	EVCS-6, CS-11:10,12,14,16	2	40 A	EV CH...	18	20
19					3.12 / 3.12								
21	EV CH...	40 A	2	EVCS-5, CS-10:17,19,21,23		3.12 / 3.12		EVCS-6, CS-12:10,12,14,16	2	40 A	EV CH...	22	24
23							3.12 / 3.12						
25	EV CH...	40 A	2	EVCS-7, CS-13:25,27,26,28	3.12 / 3.12			EVCS-7, CS-14:25,27,26,28	2	40 A	EV CH...	26	28
27						3.12 / 3.12							
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30	
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32	
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34	
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36	
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38	
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40	
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42	
43	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	44	
45	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	46	
47	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	48	
49	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	50	
51	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	52	
53	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	54	
55	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	56	
57	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	58	
59	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	60	
					31.20 kVA	31.20 kVA	24.96 kVA						

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
EV CHARGERS	87,360 VA	242 A	125.00%	109,200 VA	303 A
TOTAL	87,360 VA	242 A		109,200 VA	303 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: IT | **LOCATION:** TELECOM / SERVER ROOM 103 | **FED FROM:** L1A | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** Phase 1 | **BRACING (AMPS):** 10,000A | **AVAILABLE FAULT CURRENT:** 5,733 KAIC | **MAIN:** 100 A MCB | **BUS RATING:** 100 A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE			CKT NO / CODE	
1	R	20 A	1	L1 TELECOM 103 & DRY STORAGE 105	1.08 / 0.75			L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	2	20 A	R	2	4
3	R	20 A	1	L1 ELECTRICAL ROOM RECEPTACLE		0.36 / 0.75							
5	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE			0.75 / 0.75	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	2	20 A	R	6	8
7					0.75 / 0.75								
9	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE		0.75 / 0.75		L1 TELECOM ROOM 103 QUACK RACK RECEPTACLE	2	20 A	R	10	12
11							0.75 / 0.75						
13	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	0.75 / 0.75			L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	2	20 A	R	14	16
15						0.75 / 0.75							
17	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE			0.75 / 0.75	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	2	20 A	R	18	20
19					0.75 / 0.75								
21	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE		0.75 / 0.75		L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	2	20 A	R	22	24
23							0.75 / 0.75						
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26	
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28	
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30	
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32	
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34	
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36	
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38	
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40	
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42	
					6.33 kVA	5.61 kVA	6.00 kVA						

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
R	17,940 VA	50 A	77.87%	13,970 VA	39 A
TOTAL	17,940 VA	50 A		13,970 VA	39 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: L1A | **LOCATION:** ELECTRICAL 104 | **FED FROM:** T-L1A | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** Phase 1 | **BRACING (AMPS):** 10,000 A | **AVAILABLE FAULT CURRENT:** 5,964 KAIC | **MAIN:** 400 A MCB | **BUS RATING:** 400 A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A	B	C	LOAD TYPE	CB TRIP-POLE			CKT NO / CODE	
1	R	20 A	1	L1 OUTDOOR WP GFCI TV/LIGHTS REC	0.18 / 1.26			L1 STOR. 106, 107, 108 & CIRC 109 REC	1	20 A	R	2	
3	R	20 A	1	L1 CIRCULATION 118 RECEPTACLE		0.36 / 1.08		L1 OPEN OFFICE 110 REC	1	20 A	R	4	
5	R	20 A	1	L1 EVENT CENTER 101 FLOOR REC			0.72 / 3.00	L1 EVENT CENTER 101 FLOOR REC	2	50 A	R	6	
7	R	20 A	1	L1 OUTDOOR DUPLEX REC	0.54 / 3.00							8	
9	R	20 A	1	L1 OFFICE 122 RECEPTACLE		0.72 / 0.72		L1 EVENT CENTER 101 FLOOR REC	1	20 A	R	10	
11	R	20 A	1	L1 MEN'S 116, WOMEN'S 117 & UNISEX...			0.72 / 0.54	L1 EVENT CENTER 101 REC	1	20 A	R	12	
13	R	20 A	1	L1 LOBBY 100 REC	1.08 / 0.90			L1 OPEN OFFICE 110 RECEPTACLE	1	20 A	R	14	
15	R	20 A	1	L1 EVENT CENTER 101 REC		0.72 / 1.00		L1 MEN'S RESTROOM 116 HAND DRYER	1	20 A	N	16	
17	R	25 A	1	L1 DEDICATED OUTDOOR EVENTS REC			2.40 / 0.90	L1 OFFICE 111 REC	1	20 A	R	18	
19	R	20 A	1	L1 KITCHEN 102 REFRIGERATOR REC	1.00 / 2.40			L1 DEDICATED OUTDOOR EVENTS REC	1	25 A	R	20	
21	R	20 A	1	L1 KITCHEN 102 FLOOR REC ISLAND SINK		0.18 / 1.00		L1 WOMEN'S 117 HAND DRYER	1	20 A	N	22	
23	R	20 A	1	L1 KITCHEN 102 CTR SINK REC			0.36 / 1.00	L1 OPEN OFFICE 110 REFRIGERATOR...	1	20 A	R	24	
25	R	20 A	1	L1 KITCHEN 102 WARM FOOD RACK	1.92 / 1.00			L1 REFRIGIRATOR DEDICATED REC	1	20 A	R	26	
27	R	20 A	1	L1 STORAGE 106 TMV-1		0.18 / 0.06		L1 KITCHEN 102 MOTORIZED SW...	1	20 A	M	28	
29	R	20 A	1	L1 OUTDOOR WP GFCI DUPLEX REC			0.36 / 0.36	L1 KITCHEN 102 CTR SINK REC	1	20 A	R	30	
31	R	20 A	1	L1 OPEN OFFICE COUNTER TOP REC	0.36 / 0.18			L1 JANITOR 114 TMV-1	1	20 A	R	32	
33	R	20 A	1	L1 EVENT CENTER 101 REC		0.54 / 0.54		L1 EVENT CENTER 101 REC	1	20 A	R	34	
35	--	20 A	1	SPARE			0.00 / 0.18	L1 QUAD FLOOR REC FOR EVENTS	2	20 A	R	36	
37	--	20 A	1	SPARE	0.00 / 0.18							38	
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40	
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42	
43	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	44	
45	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	46	
47	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	48	
49	Spare; R	100 A	3	IT	6.33 / 4.93						Spare; N; M;...	50	
51						5.61 / 4.50		L2B	3	60 A		52	
53							6.00 / 5.62					54	
55	Spare; Re...	200 A	3	L1B	26.85 / 4.32						Spare; R; N;...	56	
57						11.85 / 2.78		L2A	3	60 A		58	
59							10.94 / 1.64					60	
					56.44 kVA	31.84 kVA	34.73 kVA						

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
C	34,315 VA	95 A	125.00%	42,894 VA	119 A
M	4,014 VA	11 A	107.16%	4,302 VA	12 A
N	11,044 VA	31 A	100.00%	11,044 VA	31 A
P	212 VA	1 A	100.00%	212 VA	1 A
R	72,910 VA	202 A	56.86%	41,455 VA	115 A
Receptacle	360 VA	1 A	100.00%	360 VA	1 A
EV CHARGERS	150 VA	0 A	125.00%	188 VA	1 A
TOTAL	123,005 VA	341 A		100,454 VA	279 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: L1B | **LOCATION:** ELECTRICAL 104 | **FED FROM:** L1A | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** Phase 1 | **BRACING (AMPS):** 10,000 A | **AVAILABLE FAULT CURRENT:** 5,575 KAIC | **MAIN:** 200 A MLO | **BUS RATING:** 225 A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A	B	C	LOAD TYPE	CB TRIP-POLE			CKT NO / CODE	
1	N	15 A	2	L1 KITCHEN 102 FCU 1-7	0.30 / 1.56			L1 OPEN OFFICE 110 BRANCH SELECTOR 1-1	2	20 A	N	2	
3						0.30 / 1.56						4	
5	N	15 A	2	L1 CIRCULATION 109 FCU 1-2			0.26 / 0.26	L1 KITCHEN 102 FCU 1-6	2	15 A	N	6	
7					0.26 / 0.26							8	
9	N	20 A	1	L1 ELECTRICAL ROOM 104 LCP		0.10 / 2.40		L1 MACHINE 115 ELEVATOR FUSE	1	20 A	C	10	
11	P	20 A	1	L1 RR 116, 117 & JANITOR 114 TP-1			0.02 / 2.40	L1 MACHINE 115 ELEVATOR FUSE	1	20 A	C	12	
13	N	15 A	2	L1 CIRCULATION 109 FCU 1-5	0.16 / 16.80			L1 JANITOR 114 CP-1 & STORAGE 106 CP-1	1	20 A	R	14	
15						0.16 / 0.01		KITCHEN 102 & DRY STORAGE 105 TP-1	1	20 A	P	16	
17	R	20 A	1	L1 CIRCULATION 109 DF-1			0.37 / 0.17	L1 OPEN OFFICE 110 FCU 1-4	2	15 A	N	18	
19	M;...	20 A	1	L1 VAV'S 1-11-2,1-4,1-5,1-6	0.25 / 0.17							20	
21	EV...	20 A	1	SITE CONNECTION FOR GATE OPENER		0.10 / 0.12		L1 SEGMANT A & B FIRE SMOKE DAMPER	1	20 A	P	22	
23	--	20 A	1	SPARE			0.00 / 0.36	GEN YARD - RECEPTACLES	1	20 A	Rec...	24	
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26	
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28	
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30	
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32	
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34	
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36	
37					3.00 / 4.10							38	
39	C	30 A	3	L1 STOR. 106 WATER HEATER 2		3.00 / 4.10		L1 JANITOR 114 WATER HEATER 1	3	50 A	C	40	
41							3.00 / 4.10					42	
					26.85 kVA	11.85 kVA	10.94 kVA						

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
C	26,100 VA	72 A	125.00%	32,625 VA	91 A
M	200 VA	1 A	106.25%	213 VA	1 A
N	5,508 VA	15 A	100.00%	5,508 VA	15 A
P	152 VA	0 A	100.00%	152 VA	0 A
R	17,170 VA	48 A	79.12%	13,585 VA	38 A
Receptacle	360 VA	1 A	100.00%	360 VA	1 A
EV CHARGERS	150 VA	0 A	125.00%	188 VA	1 A
TOTAL	49,640 VA	138 A		52,630 VA	146 A

LOAD CLASSIFICATIONS - CODE LEGEND

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E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: L2A | **LOCATION:** STORAGE 201 | **FED FROM:** L1A | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** Phase 1 | **BRACING (AMPS):** 10,000 A | **AVAILABLE FAULT CURRENT:** 1,781 KAIC | **MAIN:** 60 A MCB | **BUS RATING:** 100 A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE			CKT NO / CODE	
1	R	20 A	1	L2 STOR 201, RR 202, RR 203 & CON 204	0.72 / 0.72			L2 MULTI-PURPOSE ROOM 200 REC	1	20 A	R	2	
3	R	20 A	1	L2 CIRCULATION 205		0.36 / 0.72		L2 MULTI-PURPOSE ROOM 200 FLOOR...	1	20 A	R	4	
5	R	20 A	1	L2 DECK EVENT 238			0.54 / 0.54	L2 MULTI-PURPOSE ROOM 200 REC	1	20 A	R	6	
7	R	20 A	1	L2 EVENT DECK 238 CEILING REC	0.54 / 1.26			ROOF TOP MECHANICAL EQUIPMENT REC	1	20 A	R	8	
9	C	15 A	2	L2 CIRCULATION 205 FCU 2-3		0.11 / 0.15		L1 MENS RR 116 FCU 1-1	2	15 A	N	10	
11							0.11 / 0.15					12	
13	R	20 A	1	L2 EVENT DECK 238 WP GFCI REC	0.90 / 0.18			L2 EVENT DECK 238 TV/LIGHTS WP REC	1	20 A	R	14	
15	R	20 A	1	L2 OUTDOOR BEAM EXTERIOR REC		1.08 / 0.36		L2 CONCESSION 204 SINK GFCI REC	1	20 A	R	16	
17	R	20 A	1	L2 CONCESSION 204 UNDR BAR REF REC			0.12 / 0.18	L2 CONCESSION 204 ICE MAKER REC	1	20 A	R	18	
19	M	20 A	1	L2 CONCESSION 204 DISH WASHER	0.00 / 0.00			SPARE	1	20 A	--	20	
21	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	22	
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24	
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26	
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28	
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30	
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32	
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34	
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36	
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38	
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40	
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42	
					4.32 kVA	2.78 kVA	1.64 kVA						

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
C	229 VA	1 A	125.00%	286 VA	1 A
M	0 VA	0 A	0.00%	0 VA	0 A
N	291 VA	1 A	100.00%	291 VA	1 A
R	8,220 VA	23 A	100.00%	8,220 VA	23 A
TOTAL	8,740 VA	24 A		8,797 VA	24 A
SPARE	0 VA	0 A		0 VA	0 A
TOTAL +...	8,740 VA	24 A		8,797 VA	24 A

LOAD CLASSIFICATIONS - CODE LEGEND

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H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

Santee DO MORE • DUE EASE

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0000
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A NAVISTAR COMPANY
Approved
08/01/2025 3:22:19 PM

REGISTERED PROFESSIONAL ENGINEER SEAN MARC... No. E21370 Ex. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - PANEL SCHEDULES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: E7.02
SHEET 245 OF 294

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

PANEL: L2B
LOCATION: STORAGE 201 | **VOLTAGE:** 120/208 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 60 A MCB
FED FROM: L1A | **PHASE / WIRE:** 3PH / 4W | **BRACING (AMPS):** 10,000A | **BUS RATING:** 100 A
BRANCH: | **NEMA:** Type 1 | **AVAILABLE FAULT CURRENT:** 1,747 KAIC | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	M	15 A	2	L2 MULTI-PURPOSE ROOM 200 FCU 2-1	0.30 / 0.30			L2 MULTI-PURPOSE ROOM 200 FCU2-2	2	15 A	M	2
3						0.30 / 0.30						4
5	N	15 A	2	L2 CIRCULATION 205 FCU 1-3			0.00 / 1.33	ROOF TOP SSCU 1	2	20 A	C	6
7					0.00 / 1.33							8
9	N	20 A	2	ROOF TOP BRANCH SELECTOR 1-3		1.56 / 1.33		L2 SSCU-3	2	20 A	C	10
11							1.56 / 1.33					12
13	M	20 A	1	ROOF TOP EF 1	1.15 / 0.46			ROOF TOP EF 2	1	20 A	M	14
15	M	20 A	1	ROOF TOP EF 3		0.79 / 0.15		L2 VAV'S 1-3,2-1,2-3	1	20 A	M	16
17	C	20 A	2	L2 SSCU-2			1.33 / 0.06	L2 CIRC 205 FCU 2-3	2	15 A	N	18
19					1.33 / 0.06							20
21	P	20 A	1	L2 SEGMANT A FIRE SMOKE DAMPER		0.06 / 0.00		SPARE	1	20 A	--	22
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42
					4.93 kVA	4.50 kVA	5.62 kVA					

LOAD CLASSIFICATION	CONNECTED VA	/ AMPS	DEMAND %	DEMAND VA	/ AMPS
C	7,986 VA	22 A	125.00%	9,983 VA	28 A
M	3,754 VA	10 A	107.66%	4,042 VA	11 A
N	3,245 VA	9 A	100.00%	3,245 VA	9 A
P	60 VA	0 A	100.00%	60 VA	0 A
TOTAL	15,045 VA	42 A		17,329 VA	48 A

LOAD CLASSIFICATIONS - CODE LEGEND

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E = ELEVATOR — K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A NAVIGANT COMPANY
Approved
08/01/2025 3:22:19 PM

REGISTERED PROFESSIONAL ENGINEER — SEAN MARCK — No. E21370 — EX. 03/31/2026 — ELECTRICAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2024	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: E7.03
SHEET 46 OF 294

SANTEE COMMUNITY CENTER - PANEL SCHEDULES
100% CONSTRUCTION DOCUMENTS - 01/12/2024

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

ABBREVIATIONS

-A-	
ABAN	ABANDON
ACS DR	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AG	AIR GAP
AHJ	AUTHORITY HAVING JURISDICTION
AP	ACCESS PANEL
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASSE	AMERICAN SOCIETY OF SANITARY ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS
AW	ACID WASTE
AWWA	AMERICAN WATER WORKS ASSOCIATION
-B-	
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTOR
BLDG	BUILDING
BLW	BELOW / UNDERGROUND
BLWDN	BLOWDOWN
BMS	BUILDING MANAGEMENT SYSTEM
-C-	
CAP	CAPACITY, CAPACITOR
CFM	CUBIC FEET PER MINUTE
CL	CENTER LINE, CLOSE, CLOSET
CLG	CEILING
CNDS	CONDENSATE
CO	CLEANOUT
CONN	CONNECT, CONNECTION
COORD	COORDINATE
CU FT	CUBIC FEET
CU IN	CUBIC INCH
CV	CHECK VALVE
CW	COLD WATER
-D-	
(D)	EXISTING TO BE DEMOLISHED
DEG	DEGREE
DEMO	DEMOLITION
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DOM	DOMESTIC
DR	DRAIN
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
-E-	
(E)/EX	EXISTING TO REMAIN
(ER)	EXISTING TO BE RELOCATED
EJ	EJECTOR
EL	ELEVATION, ELEVATOR LOBBY
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EWS	EYEWASH STATION
-F-	
F	FAHRENHEIT, FIRE SERVICE, FEMALE
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FF EL	FINISH FLOOR ELEVATION
FL/FLR	FLOOR
FT	FOOT, FEET
-G-	
G	GAS, GROUND, GREEN
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GPF	GALLONS PER FLUSH
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR FL	GROUND FLOOR
GWH	GAS WATER HEATER

-H-	
HD	HUB DRAIN
HDC	HANDICAPPED
HLAV	HANDICAPPED LAVATORY
HORIZ	HORIZONTAL
HTR	HEATER
HUR	HANDICAPPED URINAL
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
HW	HOT WATER
HWC	HANDICAPPED WATER CLOSET
HWCP	HOT WATER CIRCULATION PUMP
HWP	HOT WATER PUMP
-I-	
ID	INSIDE DIMENSION
IE	INVERT ELEVATION
IN	INCH
-J-	
JC	JANITORS CLOSET
-K-	
KW	KILOWATT
-L-	
LAB	LABORATORY
LAP	LOCAL ALARM PANEL
LAV	LAVATORY
LBS	POUND(S)
LPD	LITERS PER DAY
-M-	
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MER	MECHANICAL EQUIPMENT ROOM
MFR	MANUFACTURER
MGCV	MASTER GAS CONTROL VALVE
MIN	MINIMUM, MINUTE
MS	MOP SINK
MTGHT	MOUNTING HEIGHT
-N-	
NC	NORMALLY CLOSED
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN, NUMBER
NP	NON-POTABLE WATER
NTS	NOT TO SCALE
-O-	
OC	ON CENTER
OD	OUTSIDE DIAMETER
ORD	OVERFLOW ROOF DRAIN
OS&Y	OPEN STEM AND YOKE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ACT
-P-	
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
PLD	PLENUM DRAIN
POS	POSITIVE
PSI	POUNDS PER SQUARE INCH
-R-	
R	RISE
RD	ROOF DRAIN
REC	RECESSED
REFR	REFRIGERATION
REM	REMOVABLE
REQD	REQUIRED
REV	REVISED, REVISION
RM	ROOM
RO	REVERSE OSMOSIS
RPM	REVOLUTIONS PER MINUTE
RR	ROOF RECEPTOR

-S-	
S	SOIL
SA	SHOCK ABSORBER, SUPPLY AIR
SAN	SANITARY
SCP	SCUPPER
SD	STORM DRAIN
SE	SEWAGE EJECTOR
SED	SEWAGE EJECTOR DISCHARGE
SK	SINK
SMP	SUMP PUMP
SMPD	SUMP PUMP DISCHARGE
SPEC	SPECIFICATION
SQ FT	SQUARE FEET
SS	STAINLESS STEEL
STD	STANDARD
STRUC	STRUCTURAL
-T-	
T&P VALVE	TEMPERATURE AND PRESSURE VALVE
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TEMP	TEMPERATURE
TP	TRAP PRIMER
TS	TAMPER SWITCH
TYP	TYPICAL
-U-	
UGND	UNDERGROUND
UL	UNDERWRITERS LABORATORY
UR	URINAL
-V-	
V	VENT, VOLT, VIDEO
VB	VACUUM BREAKER
VEL	VELOCITY
VIF	VERIFY IN FIELD
VOL	VOLUME
VOV	VALVE ON VERTICAL
VTR	VENT THROUGH ROOF
-W-	
W	WIDTH, WASTE, WIRE. WALL PHONE, WATT
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WCO	WALL CLEANOUT
WFS	WATER FLOW SWITCH
WHA-A	WATER HAMMER ARRESTOR (LETTER INDICATES P.D.I. SIZE)
WM	WATER METER
WMS	WIRE MESH SCREEN
WSP	WORKING STEAM PRESSURE
WT	WEIGHT
WTR	WATER
WWP	WORKING WATER PRESSURE
-Z-	
ZCV	ZONE CONTROL VALVE

SYMBOLS LEGEND

ANNOTATION	
1 VIEW TITLE SCALE: NTS	PLAN TITLE NO. -1
1 TITLE / P-201 SCALE: NTS	TITLE MARK DETAIL OR PLAN NO. - 1 FOUND IN P-201
1 / P-501	DETAIL REFERENCE DETAIL NO. - 1 FOUND IN P-501
1 / P-501	SECTION MARK SECTION NO. - 1 FOUND IN P-501
2 / P-201	DETAIL BOUNDARY B DETAIL NO. - 2
1	SHEET KEYNOTE
1	REVISION CLOUD (DELTA 1)
- / #	EQUIPMENT TAG DESIGNATION AC DESIGNATION NUMBER 1-1
P / #	DOMESTIC WATER RISER DESIGNATION
S / #	SANITARY WATER RISER DESIGNATION
ST / #	STORM WATER RISER DESIGNATION
NG / #	NATURAL GAS RISER DESIGNATION
	POINT OF CONNECTION
	POINT OF DISCONNECTION
PLUMBING LINES	
	NEW PIPING (SEE ABBREVIATION FOR PIPE I.D.)
(E)	EXISTING TO REMAIN
(D)	EXISTING TO BE DEMOLISHED
(BLW)	UNDERGROUND / BELOW
	COLD WATER
	HOT WATER
	HOT WATER RETURN
	VENT
CONTROL DEVICES	
	PIPE HEAT TRACER
VALVES	
	AIR VENT - AUTOMATIC
	BACK WATER VALVE
	BALANCING VALVE
	BALL VALVE
	BALL VALVE - MOTORIZED
	BUTTERFLY VALVE
	CHECK VALVE
	DIAPHRAGM VALVE
	DRAIN VALVE
	FLOAT VALVE
	FUSIBLE LINK
	GATE VALVE
	GATE VALVE - OS&Y
	GLOBE VALVE

VALVES (CONTINUED)	
	MASTER GAS CONTROL VALVE
	PLUG VALVE
	PLUG SAFETY
	PRESSURE REDUCING VALVE
R	PRESSURE RELIEF VALVE
	SEISMIC GAS CONTROL VALVE
	SOLENOID VALVE
	VALVED IN VERTICAL (DROP)
	VALVED IN VERTICAL (RISE)
	VALVED AND CAPPED OUTLET
MISCELLANEOUS	
BFP	BACK FLOW PREVENTER
	HOSE BIBB
M	METER
TP	TRAP PRIMER
	WALL HYDRANT
WHA-	WATER HAMMER ARRESTOR - SUFFIX INDICATES PDI SIZE
V	VACUUM BREAKER
FITTINGS	
	CLEANOUT
	CLEANOUT TO GRADE
	ELBOW DOWN
	ELBOW DOWN TO TEE
	ELBOW UP
	END CAP
	P-TRAP
	TEE DOWN
	TEE UP
	TEE SIDE OUTLET DOWN
	TEE SIDE OUTLET UP
	UNION
	VENT THROUGH ROOF
DRAINS	
	AREA DRAIN
	FLOOR DRAIN
	FLOOR SINK
	FLOOR SINK W/ HALF GRATE
	HUB DRAIN
	ROOF DRAIN
	ROOF DRAIN OVERFLOW
	ROOF RECEPTOR
	TRENCH DRAIN

GENERAL NOTES

1. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS. EXACT LOCATION SHALL BE COORDINATED WITH ALL TRADES, THE STRUCTURAL DRAWINGS, ARCHITECTURAL DRAWINGS, AND/OR GENERAL CONTRACTOR AND CONSTRUCTION MANAGER.
2. LOCATION AND SIZES OF EXISTING PIPING ARE APPROXIMATE. VERIFY THE LOCATIONS AND SIZES OF EXISTING PIPING IN THE FIELD. IF ANY DISCREPANCIES OCCUR WITH THE CONTRACT DRAWINGS, NOTIFY THE ARCHITECT AND/OR THE ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK.
3. ALL EXPOSED PIPING PENETRATIONS THROUGH WALLS OR CEILINGS SHALL BE PROVIDED WITH APPROPRIATE FIRE RETARDANT SEALANT AND ESCUTCHEONS.
4. SEAL OPENINGS AROUND PLUMBING WORK AND PIPING THROUGH PARTITIONS, WALLS AND FLOORS (NOT IN SHAFTS) WITH NON-COMBUSTIBLE MATERIAL AND ESCUTCHEONS.
5. SUBMISSION OF A PROPOSAL SHALL BE EVIDENCE THAT A CAREFUL EXAMINATION OF THE SITE, DRAWINGS & SPECIFICATIONS HAVE BEEN MADE AND THE CONTRACTOR IS FAMILIAR WITH THOSE ITEMS AND AREAS THAT WILL PRESENT DIFFICULTY TO THE PERFORMANCE OF THIS CONTRACT. LATER CLAIMS SHALL NOT BE MADE FOR LABOR, EQUIPMENT, ETC. NECESSARY TO COMPLETE ALL WORK AS A RESULT OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN.
   A. CONTRACTOR TO VERIFY THE EXISTING CONDITIONS BEFORE CONSTRUCTION; CONFIRMING SIZES AND LOCATIONS OF ALL EXISTING PIPING PRIOR TO START OF WORK.
   B. ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH ANY WORK.
   C. PRIOR TO STARTING DEMOLITION, DETERMINE LOCATIONS AND EXISTING CONDITIONS.
6. THIS CONTRACTOR SHALL PAY FEES, GIVE NOTICE, FILE NECESSARY DRAWINGS AND OBTAIN PERMITS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT AND COMPLY WITH LOCAL LAWS AND ORDINANCES.
7. PROVIDE ALL REQUIRED LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY FOR A COMPLETE AND SAFE INSTALLATION OF MECHANICAL IN FULL CONFORMITY WITH REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION; ALL AS INDICATED ON DRAWINGS AND/OR HEREIN SPECIFIED FOR THE SYSTEMS INCLUDED. WORK SHALL BE INSTALLED IN A NEAT, WORKMANLIKE MANNER. INCLUDE ALL COSTS FOR PERMITS, LICENSES, CERTIFICATES, FILING AND INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
8. UNDER NO CIRCUMSTANCES WILL THIS CONTRACTOR, OR HIS WORKMEN, BE PERMITTED TO USE ANY PART OF THE BUILDING AS A SHOP EXCEPT PARTS AS DESIGNATED FOR SUCH USE.
9. ALL EXISTING WATER PIPING WITHIN FIVE (5) FT. OF NEW CONNECTIONS SHALL BE PROVIDED WITH NEW INSULATION.
10. REFER TO ARCHITECTURAL DRAWINGS FOR FINAL ADDITIONAL INFORMATION.
11. ALL WORK MUST BE COORDINATED AROUND THE OPERATION OF THE FACILITY.
12. STORE MATERIALS IN DESIGNATED SPACES.
13. UNNECESSARY NOISE SHALL BE AVOIDED AT ALL TIMES AND NECESSARY NOISE SHALL BE REDUCED TO A MINIMUM.
14. ALL APPLICABLE CODES, LAWS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE CONSTRUCTION DOCUMENTS AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR WHO SHALL INFORM THE OWNER, PRIOR TO SUBMITTING A PROPOSAL OF ANY WORK OR MATERIALS WHICH VIOLATE ANY OF THE ABOVE LAWS AND REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH VIOLATION SHALL BE CORRECTED BY THE CONTRACTOR.
15. REMOVAL OF CERTAIN EXISTING WORK WILL BE NECESSARY FOR THE PERFORMANCE OF THE GENERAL WORK. ALL EXISTING CONDITIONS CANNOT BE COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE AND INCLUDE ALL CHANGES IN MAKING UP WORK PROPOSAL.
16. DISCONNECT, REMOVE AND/OR RELOCATE EXISTING MATERIAL, EQUIPMENT, AND OTHER WORK AS NOTED OR REQUIRED FOR PROPER INSTALLATION OF SYSTEM.
17. THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL STATE.
18. THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACES AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER ON THE INTERIOR OR THE EXTERIOR.

SHEET INDEX

NO.	TITLE	SCALE
P0.00	PLUMBING COVER SHEET	NONE
P0.01	PLUMBING GENERAL NOTES	NONE
P0.02	PLUMBING SCHEDULES	NONE
P0.03	PLUMBING TITLE 24	NONE
P1.21	PLUMBING SITE PLAN	1" = 30'-0"
P2.11	PLUMBING 1ST FLOOR - FLOOR PLAN	3/32" = 1'-0"
P2.11A	PLUMBING 1ST FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
P2.11B	PLUMBING 1ST FLOOR - SEGMENT B - FLOOR PLAN	3/16" = 1'-0"
P2.21	PLUMBING 2ND FLOOR - FLOOR PLAN	3/32" = 1'-0"
P2.21A	PLUMBING 2ND FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
P2.31	PLUMBING ROOF PLAN	3/32" = 1'-0"
P2.31A	PLUMBING ROOF PLAN - SEGMENT A	3/16" = 1'-0"
P2.31B	PLUMBING ROOF PLAN - SEGMENT B	3/16" = 1'-0"
P5.01	PLUMBING DETAILS	NONE
P6.01	PLUMBING DIAGRAMS	NONE

CODE INFORMATION

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH:

2022 CALIFORNIA MECHANICAL CODE (CMC)

2022 CALIFORNIA ELECTRICAL CODE (CEC)

2022 CALIFORNIA BUILDING CODE (CBC)

2022 CALIFORNIA PLUMBING CODE (CPC)

2022 CALIFORNIA ENERGY CODE (CEC)

2022 CALIFORNIA FIRE CODE (CEC)

SEISMIC BRACING NOTES

ALL SUSPENDED UTILITY SYSTEMS, WHICH INCLUDE:

ELECTRICAL, MECHANICAL, AND PLUMBING EQUIPMENT AND ASSOCIATED CONDUIT, DUCTWORK, AND PIPING ARE REQUIRED TO HAVE SEISMIC RESTRAINT ATTACHMENTS DESIGNED TO FESIST THE TOTAL DESIGN SEISMIC FORCES PRESCRIBED IN SECTION 1613A. THE CONTRACTOR SHALL PROVIDE TYPICAL SEISMIC RESTRAINT DETAILS AND DOCUMENTATION SUBSTANTIATING COMPLIANCE WITH SECTION 1613A OF THE 2019 CALIFORNIA BUILDING CODE, INCLUDING SEISMIC RESTRAINT ASSEMBLY DETAILS. ANCHORAGE TO OVERHEAD STRUCTURES WITH SUPPORTING ENGINEERING STAMP BY A LICENSED CIVIL OR STRUCTURAL ENGINEER SHALL BE SUBITTED FOR REVIEW PRIOR TO INSTALLATION AND IS REQUIRED AT TIME OF INSPECTION.

PROVIDE SEISMIC SUPPORTS FOR HVAC DUCTWORK WHERE THE DUCTS ARE SUSPENDED FROM THE HANGERS MORE THAN 12 INCHES IN LENGTH OR IF THE HVAC DUCTS HAVE A CROSS-SECTIONAL AREA OF 6 SQAURE FEET OR GREATER (ASCE 7-10, SEC. 13.6.7).

ENERGY CONSERVATION NOTES

1. DOMESTIC WATER HEATERS SHALL BE CERITFIED AND LISTED BY THE CALIFORNIA ENERGY COMMISSION.
2. ALL HOT WATER SUPPLY PIPING SHALL BE INSULATED PER ENERGY CODE. INSTALL ALL FITTINGS, VALVES, STRAINERS, ETC. BY EITHER PREFABRICATION OR BY FACRICATION FITTINGS FROM METERED SEGMENTS OF PIPE INSULATION TO AN EQUAL THICKNESS OF ADJOINING PIPE INSULATION.
3. SERVICE WATER HEATING SUSTEM SHALL BE EQUIPPED WITH AUTOMATIC TEMPERATURE CONTROLS CAPABLE OF ADJUSTMENT FORM THE LOWEST TO THE HIGHEST ACCEPTABLE TEMPERATURE SETTING.
4. WHEN A CURCULATING HOT WATER SYSTEM IS INSTALLED, IT SHALL HAVE A CONTROL CAPABLE OF AUTOMATICALLY TURNING OFF THE CIRCULATING PUMPS WHERE TEQUIRED WHEN HOW WATER IS NOT REQUIRED (INDICATED TIME CLOCK).
5. ALL WATER FACUETS AND SHOWER HEADS SHALL BE PROVIDED WITH CODE APPROVED FLOW RESTRICTORS. LAVATORY FACUETS AND SINK FAUCETS (NOT INCLUDING SERVICE SINK FAUCETS) SHALL MEET THE FLOW REQUIREMENTS OUTLINED IN 2022 CALIFORNIA GREEN BUILDING STANDARDS, CODE, AND APPLICANCE EFFICIENCY STANDARDS AND SPECIFICATIONS.
6. ALL PLUMBING FIXTURES SHALL BE CERTIFIED TO THE CALIFORNIA GREEN ENERGY COMMISSION A.E.S. SECTION 1605.1 TABLE H-1 (WATER CLOSET 1.28 GPF, WALL-MOUNTED URINAL 0.125 GPF, SHOWER HEAD 1.8 GPM, LAVATORY 0.5 GPM/0.20 GPC, AND SINK FAUCETS 1.8 GPM)
7. ALL PLUMBING FIXTURES SHALL BE CERTIFIED TO THE CALIFORNIA ENERGY COMMISSION - AES SECTION 1605.1 TABLE H-I. (WATER CLOSET 1.28 GPF, URINAL 0.5 GPF, SHOWER HEAD 20 GPM, LAVATORY 0.5 GPIAUZO GPC AND SINK FAUCETS 1.8 GPM)

Santee — DO MORE • DOE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C NEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A NAVIGANT COMPANY
Approved
08/01/2025 3:22:19 PM

LICENSED PROFESSIONAL ENGINEER — RAJI KHOURI — M 39083 — EXP. 09/30/26 — MECHANICAL — STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING COVER SHEET

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: NONE
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	LA	RK

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. ____ DATE ____ EXPIRES ____

REVIEWED 08/26/2025
BY ____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: P0.00
SHEET 47 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

GENERAL NOTES

1. ALL EXISTING PIPING SHOWN ARE BASED ON AVAILABLE DRAWINGS AND ON SITE INVESTIGATION AND ASSUMPTION WHERE NECESSARY, AND MAY NOT REFLECT THE ACTUAL INSTALLED EXISTING CONDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS INCLUDING DEPTHS, SIZES AND LOCATIONS OF EXISTING PIPING FOR NEW P.O.C'S OR DEMOLITION AND ALTERATIONS AS REQUIRED PRIOR TO START OF WORK. INFORM THE ARCHITECT OF ANY DISCREPANCIES.

2. A STATE LICENSED C-36 QUALIFIED INSTALLER AND WITH SANTEE CITY'S CERTIFICATE OF QUALIFICATION PER CURRENT SANTEE PLUMBING CODE SHALL SUPERVISE (MAXIMUM 3 PERSONNEL) OR PERFORM THE LABOR OF ALTERING, INSTALLING OR REPAIRING ANY PLUMBING REGULATED BY THIS CODE. A NON-QUALIFIED INSTALLER SHALL NOT BE ALLOWED.

3. FINAL REPORT FOR TESTING AND ADJUSTING OF ALL NEW SYSTEMS SHALL BE COMPLETED BY THE CONTRACTOR AND PROVIDED TO THE SANTEE CITY FIELD INSPECTION PRIOR TO FINAL APPROVAL OF THE INSTALLED NEW SYSTEM. THE REPORT SHALL BE SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES.

4. AN OPERATION AND MAINTENANCE MANUAL SHALL BE PROVIDED TO THE SANTEE CITY FIELD INSPECTOR AT THE TIME OF FINAL INSPECTION.

5. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR MAINTAINING THE CONNECTIVITY AND CONTINUITY OF THE EXISTING PLUMBING SYSTEMS DURING CONSTRUCTION.

6. ALL WORK SHALL COMPLY WITH CURRENT CITY OF SANTEE PLUMBING CODES, CITY OF SANTEE FIRE MARSHAL, CURRENT CITY OF SANTEE BUILDING CODES, CURRENT CITY OF SANTEE GREEN BUILDING STANDARDS CODES, CALIFORNIA ADMINISTRATIVE CODE TITLES 17,20,24 AND AUTHORITIES HAVING JURISDICTION'S CODE AMENDMENTS.

7. 8-1/2X11 PROJECT MANUALS, INCLUDING SPECIFICATIONS, EQUIPMENT AND FIXTURES AND BUILDING STANDARDS SHALL BE A PART OF THIS WORK.

8. ALL WORK/MATERIALS SHOWN ON PLANS SHALL BE NEW UNLESS NOTED OTHERWISE, AND SHALL CONFORM TO ALL LOCAL APPLICABLE CODES AND REGULATIONS.

9. BEFORE STARTING ANY WORK, CONTRACTOR SHALL PREPARE COORDINATED SHOP DRAWINGS PER SPECIFICATIONS AND SUBMIT FOR ENGINEER'S REVIEW. THIS INCLUDES EXAMININGE THE COMPLETE SET OF DRAWINGS FOR ALL TRADES, INCLUDING ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, AND ELECTRICAL. VERIFY ALL DIMENSIONS, SPACE REQUIREMENTS, AND POINTS OF CONNECTION TO ALL FIXTURES AND EQUIPMENT. MAKE ANY MINORALL REQUIRED ADJUSTMENTS NECESSARY TO AVOID CONFLICTS WITH THE BUILDING STRUCTURE AND THE WORK OF OTHER TRADES AND TO PROVIDE A COMPLETE INSTALLATION

10. BEFORE SUBMITTING PROPOSALS FOR THIS WORK, EACH BIDDER SHALL BECOME FAMILIAR WITH DRAWINGS AND SHALL HAVE EXAMINED THE PREMISES AND BE AWARE OF ALL EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGATED TO OPERATE IN PERFORMING HIS CONTRACT. THE CONTRACTOR SHALL NOT BE ENTITLED TO ANY EXTRA COMPENSATION FOR FAILURE TO ALLOW FOR ALL EXISTING CONDITIONS. SUBMITTING OF A BID OR PROPOSAL WILL BE CONSIDERED EVIDENCE OF THE FACT THAT CONTRACTOR IS FULLY AWARE OF THESE CONDITIONS AND IS ABLE TO COMPLETE ALL WORK REQUIRED BY THE DRAWINGS AND SPECIFICATIONS.

11. PLUMBING DRAWINGS AND LAYOUTS ARE DIAGRAMMATIC TO SHOW DESIGN INTENT AND FINISHED CONDITIONS. COORDINATE PIPING WITH EXISTING CONDITIONS. IF FIELD CONDITIONS DIFFER SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS AND AFFECT PLUMBING WORK, INFORM ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK.

12. THESE DRAWINGS INDICATE THE FINISHED REQUIREMENTS FOR THE PLUMBING SYSTEMS. DUE TO STRUCTURAL, MECHANICAL DUCT OR PIPING INTERFERENCE, RETAINED EXISTING FACILITIES, OR FOR OTHER REASONS, THE CONTRACTOR MAY DESIRE TO INSTALL THE WORK IN A MANNER DIFFERENT FROM THAT SHOWN. SUCH CHANGES SHALL BE PRESENTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL BEFORE PROCEEDING, AND THE RECORD DRAWINGS SHALL BE ACCURATELY REVISED TO SHOW THE CHANGES AS COMPLETED.

13. IF ANY EQUIPMENT SUBMITTED BY THE CONTRACTOR IS DIFFERENT FROM THAT SPECIFIED, OR REQUIRES CHANGES IN MATERIAL OR LABOR FROM THAT REQUIRED IN THE CONTRACT DOCUMENTS AFFECTING THIS AND/OR OTHER TRADES, SUCH CHANGES SHALL BE SUBMITTED AS SHOP DRAWINGS. SUBMITTALS SHALL INDICATE CREDIT DUE TO OWNER. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PAYMENT OF ALL CHARGES RESULTING FROM ADDITIONS OR CHANGES IN THE WORK OF OTHER TRADES NECESSARY TO ACCOMMODATE THE REQUESTED MODIFICATION. ALL CHANGES SHALL BE SHOWN ON CONTRACTOR'S RECORD AND AS-BUILT DRAWINGS.

14. PRIOR TO BIDDING, CONTRACTOR TO VISIT SITE AND VERIFY FIELD CONDITIONS, DIMENSIONS, SPACING AND ROUTING OF ALL PLUMBING PIPING. ANY DISCREPANCIES WITH FIELD CONDITIONS AND THESE DOCUMENTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR IMMEDIATE RESOLUTION. COORDINATE WITH OTHER TRADES FOR CLEARANCES AND TIMELY FINISH.

15. UNLESS INSTRUCTED OTHERWISE, THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES, AND FEES REQUIRED FOR INSTALLATION OF ALL THE WORK, INCLUDING CITY OF SANTEE DEPARTMENT OF BUILDING AND SAFETY, DWP, SANTEE GAS & ELECTRIC CO., AND ALL OTHER AGENCIES HAVING JURISDICTION OVER SERVICES TO THIS BUILDING. FURNISH FINAL CERTIFICATE OF INSPECTION INCLUDING WITH THE CITY OF SANTEE FIRE MARSHALL, OR WRITTEN EVIDENCE OF ACCEPTANCE BY INSPECTION AUTHORITIES FOR ALL WORK INSTALLED.

16. SEE ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION AND NEW CONSTRUCTION, FOR EXACT PLUMBING FIXTURE LOCATIONS AND QUANTITIES, EQUIPMENT, DEVICES, ETC.

17. SUBMIT A COORDINATED SHOP DRAWINGS AND PRODUCT DATA. PROVIDE COMPLETE AND UPDATED AS-BUILT DRAWINGS PRIOR TO COMPLETION OF PROJECT FOR REVIEW BY THE ARCHITECT/ENGINEER. PROVIDE AS-BUILT DRAWINGS VIA ELECTRONIC FORMAT (ON CD OR VIA E-MAIL) IN AUTOCAD 2016 OR LATEST VERSION.

Santee
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

GENERAL NOTES (CONT.)

18. PROVIDE A COMPLETE PLUMBING SYSTEM FOR ALL AREAS IN SCOPE OF WORK INCLUDING PLUMBING FIXTURE ROUGH-INS AND ALL UTILITY PIPING. PROVIDE ROUGH-INS, EXTEND ALL PIPING (WASTE, VENT, COLD WATER, HOT WATER, ETC.) TO ALL FIXTURES AND APPLIANCES AS INDICATED ON THE ARCHITECTURAL DRAWINGS. PROVIDE ACCESSIBLE ISOLATION VALVES FOR DCW AND DHW AT EACH INDIVIDUAL PLUMBING FIXTURE (CHROME PLATED ANGLE STOPS) AND EQUIPMENT.

19. ALL PLUMBING SYSTEM SHALL BE LISTED FOR ITS INTENDED USE AND SHALL COMPLY WITH THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.

20. UNLESS OTHERWISE SPECIFIED, ALL PLUMBING ITEMS SHALL BE THE PRODUCT OF MANUFACTURERS REGULARLY ENGAGED IN THEIR MANUFACTURE. ALL ITEMS OF A GIVEN TYPE SHALL BE THE PRODUCTS OF THE SAME MANUFACTURER.

21. FURNISH EQUIPMENT AND ACCESSORIES NEW AND FREE FROM DEFECTS.

22. SUPPLY NEW EQUIPMENT COMPLETE WITH ALL ACCESSORIES FOR OPTIMUM OPERATION IN ACCORDANCE WITH THE APPLICABLE STANDARDS LISTED AND WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES.

23. PROVIDE MINIMUM 18" X 18" ACCESS PANELS IN WALLS FOR SHUT-OFF VALVES, TRAP PRIMERS, AND WATER HAMMER ARRESTORS, OR LOCATE ABOVE ACCESSIBLE CEILINGS. LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION. ALL ITEMS REQUIRING ACCESS SHALL NOT BE LOCATED ABOVE THE AREAS OF GYPSUM BOARD CEILINGS WITHOUT PERMISSION OF THE ARCHITECT. ALL REQUIRED SHUT-OFF AND CONTROL VALVES SHALL BE ACCESSIBLE. REFER TO ARCHITECTURAL SPECIFICATIONS AND DRAWINGS FOR ACCESS PANEL TYPE, AND LOCATION.

24. PROVIDE SERVICE CLEARANCE FOR ALL VALVES, AND EQUIPMENTS PER MANUFACTURER'S RECOMMENDATIONS. ALL VALVES INCLUDING BEHIND ACCESS DOORS SHALL BE WITHIN 24" REACHABLE DISTANCE.

25. BARRIER FREE PLUMBING FIXTURES SHALL BE MOUNTED AT REQUIRED HEIGHTS AND INSTALLED WITH ALL RELATED ACCESSORIES AND SPACES AS REQUIRED BY THE CALIFORNIA OFFICE OF THE STATE ARCHITECT AND AMERICANS WITH DISABILITIES ACT (ADA). ALL FIXTURE TRAPS, PIPING AND VALVES UNDER THE FIXTURE SHALL BE INSULATED WITH A FACTORY PREFORMED INSULATION IN COMPLIANCE WITH ASTM E 84 AND IAPMO PS 94-2008. REFER TO DIVISION 22 PLUMBING SPECIFICATIONS FOR ADDITIONAL INFORMATION.

26. INSTALL A MANUFACTURER RECOMMENDED NEUTRALIZING KIT AS REQUIRED BY LOCAL CODES TO CONDENSATE DRAIN FROM EACH WATER HEATER. LOWER PH LEVELS ARE ACIDIC. DO NOT CONNECT A METAL CONDENSATE DRAIN LINE, SUCH AS COPPER PIPE, TO THE WATER HEATER FOR THIS REASON. THE FIELD INSTALLED CONDENSATE DRAIN LINE SHALL BE FULL SIZED EQUAL TO DRAIN OUTLET, AND SHALL NOT BE LESS THAN 1/2 INCH CPVC IN SIZE. DO NOT REMOVE, MODIFY OR ALTER THE FACTORY CONDENSATE TRAP.

27. PLUMBING SYSTEM COMPONENTS AND EQUIPMENTS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS' INSTRUCTIONS, RECOMMENDATIONS AND APPLICABLE CODES. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND ALL ACCESSORIES AND DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.

28. ALL CONDENSATE DRAIN PIPING (INCLUDING CNDS AND FOCD) SHALL BE INSULATED SIMILAR TO HOT WATER PIPING INSULATION'S MATERIALS AND THICKNESS.

29. INSULATE INDIRECT DRAIN LINES FROM REFRIGERATORS, FREEZERS, ICE BINS, ETC., TO PREVENT CONDENSATION. INSULATE ALL WASTE PIPING RECEIVING CONDENSATE DRAIN INCLUDING THE RECEPTOR DRAIN BODY. INSULATION SHALL BE SIMILAR TO HOT WATER PIPING INSULATION'S MATERIALS AND THICKNESS.

30. THE FIRST FORTY FEET OF WASTE AND STORM DRAIN PIPING ABOVE GRADE, WITHIN BUILDING RECEIVING RAINWATER SHALL BE INSULATED WITH 1/2" THICK INSULATION.

31. EACH DOMESTIC WATER PIPING CONNECTION TO KITCHEN/PANTRY EQUIPMENTS AND APPLIANCES INCLUDING ICE MAKERS, REFRIGERATORS, COFFEE MAKERS, WATER DISPENSERS, ETC., SHALL BE PROVIDED WITH APPROVED DOUBLE CHECK VALVE AND ISOLATION VALVE.

32. PROVIDE PIPING ISOLATION ON STUD WALL USING 1/4" FELT OR NEOPRENE ISOLATION, OR APPROVED SMWF ISOLATOR.

33. PER CALIFORNIA TITLE 24; CIRCULATING HOT WATER SYSTEMS SHALL BE PROVIDED WITH CIRCULATING PUMP(S) CIRCULATING PUMPS SHALL BE AUTOMATICALLY TURNED OFF DURING NON BUSINESS HOURS (TIME CLOCK - OR BMS).

34. ENSURE ALL ACCESSIBLE WATER CLOSET TRIP LEVERS SHALL BE MOUNTED ON THE WIDE SIDE.

35. ALL SHOWER VALVES SHALL EACH HAVE HOT AND COLD WATER CHECK STOPS AND MAXIMUM TEMPERATURE LIMIT STOPS, AND ANTISCALD SAFETY VALVE.

36. COORDINATE ALL SHUT-DOWN OF THE FIRE PROTECTION AND DOMESTIC WATER SYSTEMS WITH THE BUILDING ENGINEER PRIOR TO START OF WORK.

37. PROTECT IN PLACE ALL USED AND ACTIVE PIPING BELOW AND ABOVE CEILING, AND BELOW SLAB.

38. REPLACE ALL EXISTING PIPING, DEFECTIVE, OR BROKEN.

39. RAISE ALL EXISTING PIPING AS REQUIRED TO ACCOMMODATE NEW CEILING, HVAC DUCTS, LIGHTING.

40. ALL EXISTING ABANDONED SAN. & VENT PIPING AND STUBOUTS FROM DEMOLISHED PLUMBING FIXTURES SHALL BE REMOVED, AND EXISTING PIPING SHALL BE CAPPED WHERE THEY ARE OUT OF SIGHT. SLAB SHALL BE FINISHED TO MATCH EXISTING. CONCRETE FILL OF STUBOUTS ARE NOT ACCEPTABLE AND SHALL NOT BE PERMITTED.

GENERAL NOTES (CONT.)

41. KEEP ALL PIPING CLEAR FROM LOAD BEARING FOOTINGS. COORDINATE WITH STRUCTURAL ENGINEER FOR UNDERGROUND PIPE ROUTING.

42. NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN DIVISION 22 SPECIFICATIONS OR CURRENT CITY OF SANTEE PLUMBING CODE, WHICHEVER IS MORE STRINGENT. IF NO METHOD WAS MANDATED BY THE SPECIFICATION AND BY THE LOCAL HEALTH AUTHORITY, DISINFECT ACCORDING TO CURRENT CITY OF SANTEE PLUMBING CODE.

43. ALL VENTS THRU ROOF SHALL BE MINIMUM OF THREE FEET VERTICALLY AND TWENTY-FIVE FEET HORIZONTALLY FROM AIR CONDITIONING EQUIPMENT FRESH AIR INTAKES, WINDOWS, DOORS OR OTHER OPENINGS, AND SHALL COMPLY WITH CURRENT CITY OF SANTEE PLUMBING CODE.

44. COORDINATE EQUIPMENT WITH ELECTRICAL SECTION PRIOR TO START OF WORK FOR AVAILABLE VOLTAGES AT EQUIPMENT LOCATIONS.

45. PROVIDE PIPE SLEEVES TO ALL PIPING PASSING THROUGH NEW MASONRY, CONCRETE, STRUCTURAL WALL. PROVIDE FIRE RATED CAULKING OF SAME RATING AS THE WALL AND SHALL BE CITY OF SANTEE APPROVED MATERIALS.

46. A MINIMUM 1/2" CLEARANCE SHALL BE PROVIDED AROUND PIPES AT ALL PENETRATIONS THROUGH WALLS AND ROOF. THE GAP SHALL BE PACKED TIGHTLY WITH LOOSE, LIGHTWEIGHT INSULATION THROUGH NON RATED WALLS, AND APPROVED U.L. LISTED FIRE SAFING MATERIAL RATED WALLS TO MATCH WALL RATING.

47. ROOF CONTRACTOR TO PROVIDE WATER TIGHT SEAL AROUND ALL NEW PENETRATIONS THRU ROOF. REFER TO ARCHITECTURAL DWGS. FOR DETAILS OF PIPE PENETRATIONS THRU ROOF.

48. PROVIDE AND INSTALL WATER HAMMER ARRESTORS WITH ACCESS PANELS OF REQUIRED SIZE AT ALL QUICK CLOSING VALVES, MANUFACTURER AND MODEL NUMBER SHALL BE PER SPECIFICATIONS AND SIZES PER MANUFACTURER REQUIREMENTS.

49. ALL CLEANOUTS SHALL BE ACCESSIBLE. CLEANOUTS SHALL BE INSTALLED PER CURRENT CITY OF SANTEE PLUMBING CODE REQUIREMENTS. PROVIDE WALL CLEANOUT ACCESS COVERS SIMILAR TO JR SMITH 4700 SERIES. COORDINATE COLOR AND FINISH WITH ARCHITECT. PROVIDE A CLEANOUT FOR EVERY FIXTURE IN RESTROOM, AT EACH URINAL VENT ABOVE SANITARY TEE CONNECTION, AT END OF SANITARY SEWER RUN, AT EACH END OF SANITARY LINE SERVING PLUMBING FIXTURES. ON THE HORIZONTAL RUN OF WASTE PIPING THAT IS MORE THAN 75 FEET IN TOTAL DEVELOPED LENGTH, PROVIDE CLEANOUTS AT EVERY 75 FEET, OR FRACTION THEREOF.

50. SLOPE OF BUILDING SEWERS SHALL NOT BE LESS THAN 2% UNLESS OTHERWISE APPROVED BY THE AUTHORITY HAVING JURISDICTION.

51. ALL HOSE BIBBS, WALL HYDRANTS AND JANITORIAL SERVICE SINKS SHALL BE EQUIPPED WITH APPROVED, PROPERLY INSTALLED ATMOSPHERIC TYPE VACUUM BREAKER.

52. ALL PIPING AND EQUIPMENT SUPPORT AND SEISMIC BRACING IS A CONTRACTOR DESIGN AND BUILD RESPONSIBILITY IN ACCORDANCE TO GUIDELINES FOR SEISMIC RESTRAINTS OF PLUMBING SYSTEMS PER SMACNA CURRENT EDITION; CHAPTER 6 OF CBC-2019; CHAPTER 3 OF CPC-2019; AND OSHPD PRE-APPROVED NO. R0010. PROVIDE PIPE SUPPORT TO ALL UNDER-SLAB ABOVE GROUND P-TRAPS.

53. ALL PIPING ON THE ROOF SHALL BE PROVIDED WITH PIPE SUPPORT EQUAL TO MIRO MODEL 2.5-CS-7 ROOFTOP SUPPORT WITH GALVANIZED CHANNEL AND CLAMP. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR ALL INSTALLATION.

54. ALL FLOOR DRAINS AND FLOOR SINKS SHALL BE PROVIDED WITH CODE-APPROVED ACCESSIBLE TRAP PRIMERS. CONCEALED TRAP PRIMER VALVES SHALL BE PROVIDED WITH ACCESS PANELS.

55. DURING CONSTRUCTION, PROVIDE MECHANICAL PLUGS IN OPEN DRAINS TO PREVENT DAMAGE TO LOWER FLOORS. ALL WATER PIPING LOCATED ABOVE CEILING, REQUIRING TEMPORARY OR PERMANENT CAPPED CONNECTIONS, SHALL BE PROVIDED WITH LINE-SIZE SHUT-OFF VALVES.

56. EXISTING FLOOR REQUIRING CORING OR SAWCUTTING SHALL BE PATCHED FOR INSTALLATION OF NEW FIXTURES AND PIPING AS REQUIRED TO MATCH EXISTING SLAB RATING.

57. GET APPROVAL FROM THE STRUCTURAL ENGINEER IN CORE DRILLING EXISTING CONCRETE FLOOR AND WALL SLAB. USE CARE AND CAUTION IN CORING EXISTING REINFORCED CONCRETE SLAB. USE X-RAY TO VERIFY EXISTING REINFORCED BARS TO AVOID CUTTING OR DAMAGING THEM. COORDINATE ALL STRUCTURAL CUTTING, DRILLING, PATCHING AND REINFORCING REQUIRED FOR PLUMBING WORK WITH THE GENERAL CONTRACTOR AND REQUIREMENTS OF STRUCTURAL ENGINEER.

58. ALL BEAM PENETRATIONS SHALL BE AS APPROVED BY STRUCTURAL ENGINEER. DO NOT NOTCH OR CUT ANY STRUCTURAL MEMBER WITHOUT STRUCTURAL ENGINEER'S WRITTEN APPROVAL.

59. LAVATORIES SHALL HAVE ASSE 1070 CONTROLS TO LIMIT THE WATER TEMPERATURE TO 105 DEG. F. OR LESS AS DIRECTED IN SCHEDULE.

60. NO PLUMBING INSTALLATION THAT IS NOT DIRECTLY NECESSARY FOR MECHANICAL REFRIGERATION EQUIPMENT OPERATION SHALL BE PLACED OR PASS THROUGH THE REFRIGERATION MACHINERY ROOM. ONLY SPRINKLER HEADS AND PIPING SERVING THE MECHANICAL ROOM IN ACCORDANCE WITH NFPA STANDARDS ARE ACCEPTED INSIDE.

61. NO PIPING, LEAK PROTECTION APPARATUS, OR OTHER FOREIGN EQUIPMENT ARE ALLOWED INSIDE DATA AND TELECOMMUNICATION ROOMS, ELECTRICAL ROOM AND OVER THE ELECTRICAL EQUIPMENT PER NEC. ONLY SPRINKLER HEADS AND PIPING SERVING THE ELECTRICAL AND DATA ROOM IN ACCORDANCE WITH NFPA STANDARDS ARE ACCEPTED INSIDE.

GENERAL NOTES (CONT.)

62. NO PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR OTHER FOREIGN EQUIPMENT ARE ALLOWED INSIDE THE ELEVATOR MACHINE ROOM AND ELEVATOR SHAFT PER ASME REQUIREMENTS. ONLY SPRINKLER HEADS AND PIPING SERVING THESE ROOMS IN ACCORDANCE WITH NFPA STANDARDS ARE ACCEPTED INSIDE. REROUTE PLUMBING, FIRE MAIN LINES AND OTHER PIPING OUTSIDE THESE AREAS.

63. ROOMS CONTAINING FIRE PUMPS SHALL BE FREE FROM STORAGE AND PENETRATIONS NOT ESSENTIAL TO THE OPERATION PER CURRENT NFPA 20 EDITION THAT IS APPLICABLE TO THIS PROJECT.

64. PENETRATIONS INTO OR THROUGH THE EXIT PASSAGEWAY ARE PROHIBITED PER CURRENT SANTEE BUILDING CODE THAT IS APPLICABLE TO THIS PROJECT, EXCEPT FOR THOSE SERVING THE EXIT PASSAGEWAY SUCH AS FIRE SPRINKLER PIPING, AND STANDPIPES IN ACCORDANCE WITH NFPA STANDARDS.

65. ALL BACKFLOW DEVICES SHALL BE TESTED BY A CERTIFIED BACKFLOW TESTING TECHNICIAN WITH THE RESULTS DOCUMENTED ON FORMS PROVIDED BY THE DEPT. OF HEALTH SERVICES CROSS CONNECTION CONTROL DIVISION. THE FORMS SHALL BE REGISTERED WITH THE ABOVE AGENCY AND COPIES OF THE FORMS SHALL BE PRESENTED TO THE CITY BUILDING INSPECTOR AND THE PADRE DAM MUNICIPAL WATER DISTRICT PRIOR TO FINAL APPROVAL.

66. GAS SOLENOID VALVES IN KITCHEN TO CLOSE WHEN HOOD ALARM IS ACTIVATED.

67. IF APPLICABLE, KITCHEN EQUIPMENT CONTRACTOR SHALL SUPPLY KITCHEN FIXTURES AND EQUIPMENTS. PLUMBING CONTRACTOR SHALL INSTALL, ROUGH-IN AND CONNECT PIPING INCLUDING INDIRECT WASTES, AND PROVIDE SHUT-OFF VALVES TO ALL PLUMBING FIXTURES AND EQUIPMENTS SUPPLIED BY THE KITCHEN EQUIPMENT CONTRACTOR. SEE KITCHEN CONSULTANT'S DRAWINGS FOR ROUGH-IN DIMENSIONS AND EXACT FIXTURES AND EQUIPMENTS LOCATIONS.

68. COORDINATE ALL SANITARY WASTE AND VENT STACK, DOMESTIC HOT AND COLD WATER RISER DEMOLITION AND RELOCATION WITH BUILDING ENGINEER AND ARCHITECT'S PHASING PLAN. CONTRACTOR SHALL NOT START WORK WITHOUT THE APPROVAL FROM ARCHITECT.

69. ALL PIPING SHALL BE PROVIDED WITH SEISMIC JOINTS OR SEISMIC LOOP CONNECTIONS WHERE STRUCTURAL SEISMIC JOINT OCCURS. SEISMIC JOINTS SHALL BE ICBO LISTED AND OR APPROVED BY THE CITY OF SANTEE TESTING LABS. REFER TO STRUCTURAL DRAWINGS FOR ALLOWABLE MOVEMENT FOR EACH JOINT.

70. ALL EMERGENCY SHOWERS AND EYE WASH SHALL COMPLY WITH CURRENT CALIFORNIA CODE OF REGULATIONS, TITLE 8.

71. PROVIDE WEATHER-PROOF PAINTING FOR ALL EXPOSED EXTERIOR PIPING WITH PRIMER AND WEATHER-PROOF EXTERIOR PAINT PER ANSI A13.1, AND AS REQUIRED BY CURRENT CITY OF SANTEE PLUMBING CODE AND AUTHORITIES-HAVING-JURISDICTION. PAINT SHALL BE COMPATIBLE WITH METAL PIPING FOR GAS, AND COPPER FOR DOMESTIC WATER AND CONDENSATE DRAIN. COORDINATE PAINTING WITH ARCHITECT.

72. ALL PLUMBING SYSTEMS IN WATER UTILITY DISTRIBUTION PIPING WITHIN THE SCOPE OF WORK INCLUDING PIPE, FITTING, VALVE, SOLDER AND FLUX, FIXTURE AND FAUCET INTENDED TO CONVEY OR DISPENSE WATER FOR HUMAN CONSUMPTION THROUGH DRINKING OR COOKING (WITH LAVATORY, SINK, DRINKING FOUNTAIN, WATER DISPENSER, ETC.) SHALL MEET THE NSF/ANSI STANDARD 61 ANNEX F, NSF/ANSI 372, SAFE DRINKING WATER ACT (SDWA), AND CALIFORNIA HEALTH SAFETY CODE SECTION 116875 (LEAD FREE) REQUIREMENTS.

73. COORDINATE NECESSARY SHUT-DOWNS FOUR (4) WEEKS IN ADVANCE.

74. REFER TO MECHANICAL DRAWINGS FOR ALL MECHANICAL UNITS SECONDARY CONDENSATE DRAIN REQUIREMENTS.

75. COORDINATE ALL POINTS-OF-CONNECTION TO MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR.

76. ALL BRANCH LINES FOR DOMESTIC HOT AND COLD WATER SHALL BE PROVIDED WITH LINE SIZED ISOLATION VALVE WITH ACCESS DOOR.

77. CEILING WORK IS REQUIRED FOR PLUMBING WORK, AND REMOVAL OF CEILING IS NEEDED TO ACCOMMODATE THE REQUIRED SCOPE. CONTRACTOR SHALL REMOVE AND REINSTALL THE CEILING, AND SHALL EXERCISE EXTREME CARE AS TO NOT TO DAMAGE THE CEILING. REPLACE DAMAGE TILES OR GRILLES WITH NO EXPENSE TO OWNER.

78. ALL SOV SHALL BE FULL-PORT BALL VALVE OF THE APPROVED TYPE. BUTTERFLY VALVE SHALL NOT BE ALLOWED.

79. ALL LAVATORY FAUCETS SHALL BE SELF-CLOSING OR METERED TYPE AS REQUIRED EXCEPT WHERE LAVATORIES SERVE CAFETERIA AND FOOD AREAS..

80. THE GENERAL CONTRACTOR AND/OR THE CONSTRUCTION MANAGER SHALL COORDINATE WITH THE HEAT TRACE CABLE INSTALLING CONTRACTOR AND ELECTRICAL CONTRACTOR TO ENSURE THAT THE HEAT TRACE SYSTEM IS ENERGIZED AND TESTED FOR PROPER INSTALLED PERFORMANCE AS PER THE MANUFACTURER'S INSTALLATION AND TESTING INSTRUCTIONS. ELECTRICAL TESTING OF THE HEATING CABLE'S INTEGRITY, POWER SUPPLY, CONNECTIONS, AND TERMINATIONS SHALL BE PERFORMED DURING THE INSTALLATION, BEFORE INSULATING OVER THE HEATING CABLE OR BURIAL OF THE PIPING AND HEAT TRACED SYSTEM, AND UPON COMPLETION AND COMMISSIONING OF THE FINISHED SYSTEM. DOCUMENTATION OF THE FINAL SATISFACTORY TESTING OF THE COMPLETED HEAT TRACE SYSTEM AND CONTROLS SHALL BE TURNED OVER TO THE OWNER OR TO THE OWNER'S REPRESENTATIVE ALONG WITH OTHER OPERATION AND MAINTENANCE DATA PERTAINING TO THE PROJECT.

81. ALL FIXTURES, EQUIPMENT, FITTINGS, AND MATERIALS SHALL BE LI

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Approved
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LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING GENERAL NOTES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	GA	LA	RK
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: P0.01
SHEET 48 OF 294

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-P-Santee Community Center-R20.rvt

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WATER HAMMER ARRESTER SCHEDULE			
MARK	WHA SIZE	FIXTURE UNITS	PDI SIZE STANDARD
WHA-A	1/2"	1 - 11	"A"
WHA-B	3/4"	12 - 32	"B"

BALANCING VALVES SCHEDULE					
TAG	LOCATION	FLOW SETTING (GPM)	SIZE (IN)	MANUFACTURER & MODEL	REMARKS
BV-1	CONCESSION 204	1	3/4	GRISWOLD K VALVE 3801FL	FORGED BRASS CERTIFIED NO LEAD
BV-2	STORAGE 106	1	3/4	GRISWOLD K VALVE 3801FL	FORGED BRASS CERTIFIED NO LEAD

PIPE MATERIAL SCHEDULE

SERVICE		INSIDE = INSIDE BUILDING	OUTSIDE - OUTSIDE BUILDING	UG = UNDERGROUND	PIPE - COPPER TUBE ASTM B88 TYPE L	FITTINGS - VIEGA PRO PRESS	FITTINGS - COPPER BRAZED	PIPE - SERVICE WEIGHT CI CISPI 301	FITTINGS - COPPER SOLDERD	FITTINGS - HUBLESS CISPI 301	FITTINGS - DWV CAST IRON	PIPE - SOLID WALL PVC SCHEDULE 40 ASTM D 2665	FITTINGS - DWV PVC SCHEDULE 40 ASTM D 1784	PIPE - BLACK STEEL - 304 STAINLESS STEEL SCHEDULE 10	FITTINGS - VIEGA MEGA PRESS	HUB AND SPIGOT GASKETED PUSH-ON ASTM A-74	FITTINGS 2" & SMALLER THREADED	FITTINGS 2 1/2" & LARGER - WELDED	REMARKS
WATER: (IW) (DCW) (DHW) (DHC) (FW) (NP) (RE)	INSIDE	X	X	X	X						X	X							
	OUTSIDE	X	X	X	X						X	X							
	U/G	X	X	X	X														
WASTE & VENT : (SAN) (SAN BLW) (V)	INSIDE					X	X	X	X										
	OUTSIDE					X	X	X	X										
	U/G					X	X	X	X										
STORM & OVERFLOW : (SD) (SD BLW) (ORD)	INSIDE					X	X	X	X										
	OUTSIDE					X	X	X	X										
	U/G					X	X	X	X										

BACKFLOW PREVENTER SCHEDULE								
TAG	LOCATION	SERVICE	TYPE	SIZE (IN)	DIMENSIONS (IN)			REMARKS
					L	W	H	
BFP-1	BREAKROOMS	BACKFLOW PREVENTER FOR COFFEE MAKER	DUAL CHECK BACKFLOW ASSEMBLY	3/8"	4 1/2"	1 1/16"	2"	WATTS SD-3 BACKFLOW PREVENTER FOR COFFEE MAKER/ SPARKLING WATER AND ICE MACHINE WITH STRAINER. MAX PRESSURE 150PSI AND MAX TEMPERATURE 130 FARENHEIT
NOTES:								

EXPANSION TANK SCHEDULE							
TAG	MANUFACTURER	DESCRIPTION	SIZE	CAPACITY (GAL)	LOCATION	OPERATING WEIGHT (LBS)	REMARKS
ET-1	AMTROL ST-5	EXPANSION TANK	8" DIA x 13" H	0.9	JANITOR CLOSET	13	ASME RATED, PROVIDE SEISMIC RESTRAINT
NOTES: 1. PROVIDE CONNECTION TO BMS FOR ALL PLUMBING EQUIPMENT.							

ELECTRIC WATER HEATER SCHEDULE									
TAG	LOCATION	RECOVERY (GPH) @ 80↑F RISE	ELECTRICAL DATA			PIPE CONN. SIZE	MANUFACTURER & MODEL NO.	OPERATING WEIGH...	REMARKS
			KW	VOLT...	PHASE				
WH-1	JANITOR CLOSET	62	12.3	208	3	3/4	AO SMITH DSE-40A	578	CUSTOM Xi SERIES 40 GALLON TANK TYPE ELECTRIC WATER HEATER. SEE NOTES.
WH-2	KITCHEN	46	9	208	3	3/4	AO SMITH DSE-40A	578	SEE NOTES.
NOTES: 1. PROVIDE WITH CIRCULATING PUMP. 2. PROVIDE WITH EXPANSION TANK: AMTROL ST-5, ASME RATED, SEISMIC RESTRAINTS. 3. PROVIDE SEISMIC BRACING. 4. PROVIDE WITH PRESSURE TEMPERATURE RELIEF VALVE. 5. THE BMS WILL BE USED TO SET AND ADJUST THE STARTING OF THE CIRCULATION PUMP. 6. PROVIDE CONNECTION TO BMS FOR ALL PLUMBING EQUIPMENT. 7. PROVIDE HOLRITE QUICKSTAND #40-S-24 AND HOLDRITE QUICK PAN QP-24-CC. INSTALL PER MANUFACTURE INSTRUCTIONS.									

CIRCULATING PUMP SCHEDULE										
TAG	EQUIPMENT	LOCATION	QTY.	QTY. ON EMERG.	MOTOR REQUIREMENTS			CAPACITY (GPM)	DESIGN HEAD (FT.)	MANUFACTURER & MODEL	REMARKS
					WATTS	VOLTS	PHASE				
CP-1	CIRC PUMP	WATER HEATER	2	0	70	120	1	1	6	BELL & GOSSETT ECOCIRC 20-18	STAINLESS STEEL BODY FOR POTABLE WATER FLOW
NOTES: 1. SET AT CONSTANT PRESSURE SETTING. 2. PROVIDE CONNECTION TO BMS FOR ALL PLUMBING EQUIPMENT.											

COLD WATER PIPE SIZING CHART

Pipe Size (in.)	Fixture Units GPM	Flush Tank	Flush Valve	Flow Velocity (FPS)
1/2	4.0	5	0	5.7
3/4	8.8	11	2	6.0
1	15.6	21	3	6.0
1 1/4	22.5	34	6	6.0
1 1/2	32	55	15	6.0
2	58	165	70	6.0
2 1/2	94	345	210	6.0
3	125	505	390	6.0
4	220	1090	1090	6.0
6	550	3000	3000	6.0

Notes:
1. Based on pressure drop per 100 ft of pipe from chart A-4, Appendix A, CPC 2019

HOT WATER PIPE SIZING CHART

Pipe Size (in.)	Fixture Units GPM	Flush Tank	Flush Valve	Flow Velocity (FPS)
1/2	2.9	2	-	4.0
3/4	6.0	7	-	4.0
1	10.4	14	-	4.0
1 1/4	15.5	21	-	4.0
1 1/2	22.0	34	-	4.0
2	40.0	85	-	4.0
2 1/2	65.0	200	-	4.0
3	89	325	-	4.0
4	162	705	-	4.0
6	350	2200	-	4.0

Notes:
1. Based on pressure drop per 100 ft of pipe from chart A-4, Appendix A, CPC 2019

WATER CALCULATIONS

Building Data:
First Floor Elevation: **0.0** Ft
Elevation of highest fixture: **16.0** Ft
Maximum Run of Pipe: **190.0** FT
Building Height: **16.0** FT

City Data:
Hydrant location/No: **0.0**
Hydrant elevation: **3.0** Ft
Static Pressure Reading at Hydrant: **110.0** psig
Residual Pressure Reading at Hydrant: **110.0** psig
Test Flow: **2448** gpm

Calculation:
GPM Demand at Building **71** gpm
Pressure at Building: **119.1** psig

Pressure Regulator: REQUIRED
Pressure Regulator Setting: **80.0** psig
Pressure Regulator Full Off Pressure: **9.0** psig

Pressure Loss Through Meter: **0.0** psig
Pressure Loss Through Backflow Preventer: **0.0** psig
Pressure Loss Through Water Softener: **0.0** psig
Meter to Highest Fixture (Bldg. Ht. x .43 psi/ft): **6.9** psig
Residual Pressure Required at Furthest Fixture: **30.0** psig
Pressure Drop Available For Design: **34.1** psig

Pressure Boost: Not Required
Pressure Boost Provided: **0.0** psig
Pump Discharge Pressure: **0.0** psig
Adjusted Pressure Drop Available: **34.1** psig

Adjusted Length of Pipe (Maximum Run x1.35): **256.5** ft
Allowable Maximum Friction Loss per 100ft of Pipe: **13.3** psig
Pressure Drop Available x 100
Maximum Run of Pipe

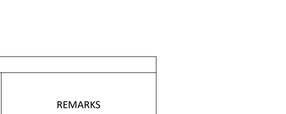
equivalent pipe length factor = 1.35
(increase factor if large quantity of offsets or fittings are used)

1 to 50	3.0
51 to 100	1.5
101 to 250	1.35
251 to 500	1.2
501 to 750	1.1

WATER SUPPLY FIXTURE UNITS CALCULATIONS

PROJECT TITLE: | CALCULATED BY: CD | DATE:
PROJECT NO: | CHECKED BY: | DATE:
SYSTEM TAG:

Individual Fixtures	F.U. Pri.	Pub.	Ass.	Fixtures Added Pri.	Pub.	Ass.	Total	Fixtures Remaining Pri.	Pub.	Ass.	Total	Fixtures Removed Pri.	Pub.	Ass.	Total
Bathtub or Combination Bath/Shr	4.0	4.0	--				-				-				-
3/4" Bathtub Fill Valve	10.0	10.0	--				-				-				-
Bidet	1.0	--	--				-				-				-
Clothes Washer, domestic	4.0	4.0	--				-				-				-
Dental Unit, cuspidor	--	1.0	--				-				-				-
Dishwasher, domestic	1.5	1.5	--	2	3.0		-				-				-
Drinking Fountain or Water Cooler	0.5	0.5	0.75	1	0.5	0.8	-				-				-
Hose Bib	2.5	2.5	--	1	2.5		-				-				-
Hose Bibb, each additional	1.0	1.0	--	7	7.0		-				-				-
Lavatory	1.0	1.0	1.0	11	11.0		-				-				-
Lawn Sprinkler, each head	1.0	1.0	--		-		-				-				-
Mobile Home, each (Minimum)	12.0	--	--		-		-				-				-
Sinks- Bar	1.0	2.0	--	1	2.0		-				-				-
Clinic Faucet Sink		3.0	--		-		-				-				-
Clinic Flushometer Valve faucet		8.0	--		-		-				-				-
Kitchen Sink, domestic	1.5	1.5	--	10	15.0		-				-				-
Laundry Sink	1.5	1.5	--		-		-				-				-
Service Sink or Mop Basin	1.5	3.0	--	3	9.0		-				-				-
Washup Sink, each set of faucets		2.0	--		-		-				-				-
Shower, per head	2.0	2.0	--		-		-				-				-
Urinal, 1.0 GPF Flushometer Valve	--	5.0	4.0	2	6.0		-				-				-
Urinal, gal than 1.0 GPF Flush V.	--	5.0	6.0		-		-				-				-
Urinal, flush tank	2.0	2.0	3.0		-		-				-				-
Washfountain, circular spray		4.0	--		-		-				-				-
WC Closet, 1.6 GPF Gravity Tank	2.5	2.5	3.5		-		-				-				-
WC Closet, 1.6 GPF Flushomr Tank	2.5	2.5	3.5		-		-				-				-
WC Closet, 1.6 GPF Flushomr Valve	5.0	5.0	6.0	11	55.0		-				-				-
WC Closet, >1.6 GPF Gravity Tank	5.0	5.0	7.0		-		-				-				-
WC Closet, >1.6 GPF Flushomr Valve	7.0	8.0	10.0		-		-				-				-
Fixture Unit Subtotal				None			111.0	Existing			-	Removed			-
Fixture Unit Total				Fixture Unit +			111.0					Gallons Per Minute (GPM) =			70
Other Water Requirements				Fixture Unit +			-					Gallons Per Minute (GPM) =			-
Existing Water Requirements				Fixture Unit +			-					Gallons Per Minute (GPM) =			-
Total Water Requirements				Fixture Unit =			111.0					Gallons Per Minute (GPM) =			70
Approved Meter Size							1-1/2	+				Total Total Lengths 190 ft.			
Water supply Line Size							2	+							



WaterSupplyFU Page 1

PRESSURE REDUCING VALVE SCHEDULE							
TAG	LOCATION	INLET (PSI)	OUTLET (PSI)	SIZE (IN)	FLOW (GPM)	MANUFACTURER & MODEL NO.	REMARKS
PRV-1	MAIN CW LINE	108	80	2-1/2"	71	WATTS LF223	LEAD FREE HIGH CAPACITY WATER PRESSURE REDUCING VALVE. INCLUDE SEPARATE STRAINER.
NOTES:							

THERMOSTATIC MIXING VALVE SCHEDULE											
TAG	LOCATION	CONNECTION (IN)			TEMP IN (° F)			FLOW RATE (GPM)	PRESSURE DROP AT LISTED FLOW (PSI)	MIN. FLOW (GPM)	MANUFACTURER & MODEL NO.	REMARKS
		CW	HW	TW	HW IN	CW IN	TW OUT					
TMV-1	JANITOR ROOM WATER HEATER WH-1	1	1	1	140	60	125			0.25	LEONARD PNV-100-LF-R	DIGITAL MIXING VALVE WITH CHECK STOPS, INTERGRAL RTD SENSOR, RETURN PIPING ASSEMBLY. AUTOMATIC HOT/COLD WATER SHUTOFF UPON COLD/HOT WATER INELT SUPPLY FAILURE.
TMV-2	RESTROOM LAVATORIES	1/2	1/2	1/2	125	60	105			0.25	CASH ACME HG135	-
NOTES: 1. PROVIDE CONNECTION TO BMS FOR TMV-1.												

PLUMBING FIXTURE SCHEDULE								
TAG	FIXTURE	CONNECTION SIZE				FIXTURE UNITS		DESCRIPTION
		HW (IN)	CW (IN)	SAN (IN)	V (IN)	WASTE (DFU)	WATER (WSFU)	
WC-1	WATER CLOSET	-	1 1/2	4	2	4.0	5.0	WATER CLOSET - KOHLER KINGSTON K-84325 ELONGATED BOWL WITH ZURN ZTR6200-ONE 1.1 GPF EXPOSED FLUSHOMETER WITH FILTERED PISTON KIT; BATTERY POWERED SOLENOID ACTUATOR OPERATED. WATER SENSE LABELED.
WC-2	ADA WATER CLOSET	-	1 1/2	4	2	4.0	5.0	WATER CLOSET - KOHLER KINGSTON K-84325 ELONGATED BOWL WITH ZURN ZTR6200-ONE 1.1 GPF EXPOSED FLUSHOMETER WITH FILTERED PISTON KIT; BATTERY POWERED SOLENOID ACTUATOR OPERATED. WATER CLOSET SHALL BE MOUNTED AT ACCESSIBLE ADA HEIGHT. WATER SENSE LABELED.
U-1	URINAL	-	3/4	2	2	3.0	4.0	URINAL - KOHLER BARDON K-4991-ET WASHOUT URINAL 0.125 GPF. VITREOUS CHINA WITH ZURN ZTR6203-ULF-LL SENSOR LONG LIFE BATTERY URINAL FLUSH VALVE. WATER SENSED LABELED.
U-2	ADA URINAL	-	3/4	2	2	3.0	4.0	URINAL - KOHLER BARDON K-4991-ET WASHOUT URINAL 0.125 GPF. VITREOUS CHINA WITH ZURN ZTR6203-ULF-LL SENSOR LONG LIFE BATTERY URINAL FLUSH VALVE. URINAL SHALL BE MOUNTED AT ACCESSIBLE ADA HEIGHT. WATER SENSED LABELED.
L-1	LAVATORY	1/2	1/2	2	2	1.0	1.0	LAVATORY - KOHLER CAXTON OVAL K-2211-G BATHROOM SINK WITH ZURN HYDRO X POWER Z6950-XL-S-M FAUCET WITH 0.35 GPM.
L-2	AGR LAVATORY	1/2	1/2	2	2	1.0	1.0	LAVATORY - KOHLER K-2007 KINGSTON WALL MOUNT BATHROOM SINK WITH ZURN HYDRO X POWER Z6950-XL-S-M FAUCET WITH 0.35 GPM.
S-1	PANTRY SINK	1/2	1/2	2	2	2.0	1.5	SINK - KOHLER STRIVE K-5286 UNDERMOUNT SINGLE-BOWL KITCHEN SINK 24" x 18 1/4" x 9 5/16". ZURN Z871B4-XL DOUBLE LEVERED ELONGATED FAUCET WIH 1.5 GPM.
S-2	KITCHEN SINK	1/2	1/2	2	2	2.0	1.5	3 COMPARTEMENT SINK - ADVANCED TABCO "REGALINE" SINK #9-3-54-18RL, 16" X 20" BASINS. 8" BACKSPLASH, 18 GAUGE, K-700 REMOVABLE SIDE SPLASH ON RIGHT SIDE. WITH (2) FISHER 53139 FAUCETS.
S-3	KITCHEN SINK	1/2	1/2	2	2	2.0	1.5	SINK - KOHLER STRIVE K-5286 UNDERMOUNT SINGLE-BOWL KITCHEN SINK 24" x 18 1/4" x 9 5/16". ZURN Z871B4-XL DOUBLE LEVERED ELONGATED FAUCET WIH 1.5 GPM.
S-4	CONCESSION SINK	1/2	1/2	2	2	2.0	1.5	SINK - ELKAY LRAD202255 SINGLE BOWL DROP-IN ADA SINK. STAINLESS STEEL FINISH W/ ZURN Z871B4-XL DOUBLE LEVERED ELONGATED FAUCET WIH 1.5 GPM.
S-5	SERVICE SINK	1/2	1/2	2	2	2.0	1.5	SINK - EAGLE GROUP 1824-1-16/3 ONE COMPARTMENT SINK 18" x 24" X 13-3/8" 304 STAINLESS STEEL WITH 8" BACKSPLASH W/ W8W-L9E1-369ABCP CHICAGO FAUCET.
MS-1	MOP SINK	1/2	1/2	2	2	3.0	3.0	SINK - FIAT TERRAZZO #TSBCR1000 CORNER MOUNT 28" x 28" x 12", MOP SERVICE BASIN 12" DEPTH WITH 6" CURVED DROP FRONT. SHOULDER SHALL BE NOT LESS THAN 12" HIGH OUTSIDE AND 10" INSIDE AT LOWEST WALL. MUST BE INSTALED ON 1/2" LAYER OF MORTAR IN ORDER THAT THE MOP BASIN BE LEVEL. CHICAGO FAUCETS 897-RCF WALL MOUTED WITH ATMOSPHERIC VACUUM BREAKER.
HD-1	HUB DRAIN	-	-	6	4	20	-	6" CAST IRON STAND PIPE.
HB-1	HOSE BIBB	-	3/4	-	-	-	2.5	ACORN MODEL #8121 WITH VACUUM BREAKER AND LOOSE KEY HANDLE
R-1	REFRIGERATOR	-	-	-	-	-	-	ATOSA MBF8507GR BOTTOM MOUNT REACH-IN REFRIGERATOR. 43.8 CU. FT. FOR REFERENCE ONLY OFCI.
R-2	FREEZER		-	-	-	-	-	ARTIC AIR AF49. TWO DOOR REACH-IN FREEZER. FOR REFERENCE ONLY OFCI.
GD-1	SINKS	-	-	2	-	3.0	-	GARBAGE DISPOSAL - INSINKERATOR BADGER 5. 1/2 HP.
IM-1	ICE MACHINE	-	1/2	-	-	-	0.5	MANITOWOC IT0450 ICE CUBE MACHINE, INCLUDE MANUFACTURER RECOMMENDED ARTIC PURE WATER FILTER. FOR REFERENCE ONLY OFCI.
WSOB-1	WALL SUPPLY OUTLET BOX	-	1/2	-	-	-	-	ICE MAKER WALL BOX - IPS GUY GRAY MODEL #SSIB1 STAINLESS STEEL ICE MAKER BOX W/ QTR. TURN SWEAT VALVE.
FD-1	FLOOR DRAIN	-	-	3	2	1.0	-	ZURN Z-415-BZ1-ZB. 5" DIAMETER POLISHED BRONZE TOP FLOOR DRAIN CAST IRON BODY.
FS-1	FLOOR SINK	-	-	3	2	1.0	-	ZURN Z-1900-2 SANI-FLOOR 12" X 12" X 6" DEEP CAST IRON BODY AND SQAURE, LIGHT DUTY GRATE WITH 1/2" SLOTTED OPENINGS W/ ABS ANTI SPLASH INTERIOR BOTTOM DOME STRAINER.
RD/ ORD	ROOF DRAIN	-	-	-	-	-	-	ZURN Z-163 15" DIAMETER ROOF DRAIN AND OVERFLOW DRAIN. DURA COATED CAST IRON BODIES WITH CMBINATION MEMBRANE FLASHING CLAMP GUARDS, DOUBLE TOP SET DECK PLATE AND LOW SILHOUETTE DOME. OVERFLOW DRAIN HAS 2" INTERNAL WATER DAM.
DF-1	DRINKING FOUNTAIN	-	1/2	2	2	1/2	1/2	ELKAY LZSTL8WSLK - BOTTLE FILLING STATION & VERSATILE BI-LEVEL ADA COOLER.
TD-1	TRENCH DRAIN	-	-	6	-			ZURN 886 - 6" PRE SLOPED WIDE REVEAL TRENCH DRAIN SYSTEM.
TP-1	ELECTRONIC TRAP PRIMER	-	1/2	-	-	-	-	PRECISION PLUMBING PRODUCTS MODEL #MPB-500-120V 6.3 WATT. ELECTRONIC TIMER ACTIVATED TRAP PRIMER W/ BOX. PROVIDE DU-4 DISTRIBUTION SYSTEM IF SERVING TWO FIXTURES.

Santee — DO MORE • DIE EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST — A Division of Engineered Controls

Approved
08/01/2025 3:22:19 PM

LICENSED PROFESSIONAL ENGINEER — RAJI KHOURI — M 39083 — Exp 09/30/26 — MECHANICAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	GA	LA	RK
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: P0.02
SHEET 249 OF 294

SANTEE COMMUNITY CENTER - PLUMBING SCHEDULES

100% CONSTRUCTION DOCUMENTS - 08/25/2023

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

Keynotes:

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-PLB-E
Project Name: Santeee Commiunity Center	Report Page: Page 1 of 6
Project Address: 10123 Riverwalk Drive Santee, CA 929071	Date Prepared: 2023-08-25

This document is used to demonstrate compliance for nonresidential occupancies with requirements in §110.1, §110.3, §120.3, and §140.5, and with requirements in §141.0 for additions and alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §110.1, §110.3, §120.3, §150.0 and §150.1(c)8, and with requirements in §150.2 for additions and alterations.

A. GENERAL INFORMATION

01	Project Location (city)	Santee	02 Climate Zone	7
03	Occupancy Types Within Project (select all that apply):			

☑ Nonresidential ☐ High-Rise Residential ☐ Hotel/ Motel
☐ State Building ☐ Healthcare Facility ☐ Other (Write In):

B. PROJECT SCOPE

Table Instructions: Include any domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in §140.5, §150.1(c)8, and §141.0(a), or §141.0(b)2N for additions or alterations. Solar water heating systems should be documented on the NRCC-SRA compliance document. Combined hydronic water heating systems should be documented on the NRCC-MCH compliance document.

01	02	03		
My project consists of (check all that apply):	System Type[1,2]	System Components		
☑ New System (DHW system being installed for the first time in newly constructed building)	Central System (serving nonresidential spaces)	☑ Equipment	☑ Distribution	☑ Controls
☐ System Alteration (equipment, distribution or controls)		☐ Equipment	☐ Distribution	☐ Controls

[1] FOOTNOTE: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems.
[2] Dwelling units refers to hotel/ motel guest rooms and units in a high-rise residential occupancy.

C. COMPLIANCE RESULTS

Table Instructions: Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D., or the table indicated as not compliant for guidance.

01	02	03	04
Domestic Hot Water Equipment	Distribution Systems	Controls	**Compliance Results**
(See Table F)	(See Table G)	(See Table H)	
Yes	Yes	Yes	**COMPLIES**

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-PLB-E
Project Name: Santeee Commiunity Center	Report Page: Page 2 of 6
Project Address: 10123 Riverwalk Drive Santee, CA 929071	Date Prepared: 2023-08-25

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

No exceptional conditions apply to this project.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. DOMESTIC HOT WATER EQUIPMENT

Table Instructions: Complete the following table to demonstrate compliance with mandatory equipment requirements in §110.1 and §110.3. For high-rise residential and hotel/ motel occupancies, compliance with prescriptive requirements in §150.1(c)8 must also be demonstrated and with §150.2 for addition and alteration scopes.

Equipment Schedule: Central Systems

07	08	09	10	11	12	13	14	15
Name or Item Tag	Equipment Type	Volume (gal)	Rated Input Capacity (Btu/h)	Rated Efficiency	Minimum Efficiency Required	Efficiency Unit	Designed Standby Loss[1]	Maximum Standby Loss[1]
WH-1	Electric Storage Water Heater	40	41,968	0.9			1	1
WH-2	Electric Storage Water Heater	40	30,717	0.9			1	1

[1] FOOTNOTE: For gas water heaters/ boilers, standby loss is in BTUH. For electric storage water heaters, standby loss is in %/hr.

Water Heating Equipment All Occupancies

	Yes	No	Not Applicable	Requirement
18	◉	○	○	Unfired storage tank insulation shall have Internal + External ≥ R-16 OR External ≥ R-12. Label required per §110.3(c)3
19	○	○	◉	New state buildings 60% of energy for service water heating from site solar energy or recovered energy per §110.3(c)5
20	◉	○	○	Isolation valves for instantaneous water heater with input rating > 6.8 kBTUH or 2 kW has been specified per §110.3(c)6

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM

Table Instructions: Complete the following table to demonstrate compliance for nonresidential occupancies with distribution requirements in §120.3 and §140.5. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §110.3(c), §120.3, §150.0, §150.1.

Table Continued

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-PLB-E
Project Name: Santeee Commiunity Center	Report Page: Page 3 of 6
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Table Continued

Recirculation Loops in Central Systems Serving Dwelling Units or Nonresidential Spaces

	Yes	No	Not Applicable	Requirement
01	◉	○	○	Air release valve or vertical pump installation per §110.3(c)4A
02	◉	○	○	Check valve or similar located between recirculation pump and water heating equipment to prevent backflow per §110.3(c)4B
03	○	○	◉	Hose bibb installed between pump and equipment and isolation valve between hose bibb and equipment per §110.3(c)4C
04	◉	○	○	Isolation valves on both sides of the pump per §110.3(c)4D
05	○	○	◉	Cold water and recirculation loop piping shall not be connected to the hot water storage tank drain port per §110.3(c)4E
06	◉	○	○	Check valve installed on cold water supply between hot water system and next closest tee on cold water supply per §110.3(c)4F
07	○	○	◉	For central systems serving multiple dwelling units, design includes two or more recirculation loops serving separate dwelling units per §150.1(c)8Bii unless building has ≤ 8 dwelling units.

Mandatory Pipe Insulation All Occupancies

12	☑	For systems serving nonresidential spaces, pipe insulation for the following applications is specified to comply with Table 120.3-A (see below) per §120.3: - Recirculating system piping, including supply and return piping of the water heater - The first 8 ft of hot and cold outlet piping for a nonrecirculating storage system - Pipes that are externally heated
13	☑	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service per §120.3(b) and §150.0(j)3

TABLE 120.3-A PIPE INSULATION THICKNESS

Fluid Temperature Range (°F)	Conductivity Range (Btu-in per hour per ft² per °F)	Insulation Mean Rating Temp (°F)	Nominal Pipe Diameter (in)		
			<1	1 to < 1.5	1.5 to < 4
			Minimum Insulation Required		
105-140	0.22-0.28	100	**1.0 in or R-7.7**	**1.5 in or R-12.5**	**1.5 in or R-11**

H. DOMESTIC HOT WATER SYSTEM CONTROLS

Table Instructions: Complete the following table to demonstrate compliance with controls requirements in §110.3 for all occupancies. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §150.1(c)8.

	Yes	No	Not Applicable	Requirement

Table Continued

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-PLB-E
Project Name: Santeee Commiunity Center	Report Page: Page 4 of 6
Project Address: 10123 Riverwalk Drive Santee, CA 929071	Date Prepared: 2023-08-25

Table Continued

01	◉	○	○	Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per §110.3(a)
02	○	○	◉	Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per §110.3(c)1 unless covered by California Plumbing Code Section 613.0.
03	◉	○	○	Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per §110.3(c)2 unless system serves healthcare facility.
04	○	○	◉	For recirculation systems serving multiple dwelling units, design includes automatic pump controls per §150.1(c)8Bii, or §150.2 for additions or alterations
05	○	○	◉	For recirculation systems serving individual dwelling units, design includes manual on/off controls as specified in Reference Appendix RA 4.4.9 per §150.1(c)8.
06	○	○	◉	For replacement single heat pump water heaters serving individual dwelling units in climate zones 1-15, design includes communication interface that meets demand responsive control requirements of §110.12(a) per §150.2(b)1Hiii.

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
◉	○	NRCI-PLB-01-E - Must be submitted for all buildings	☐	☐
○	◉	NRCI-PLB-02-E - Must be submitted for high-rise residential and hotel/ motel central hot water distribution systems to be recognized for compliance.	☐	☐
○	◉	NRCI-PLB-03-E - Must be submitted for high-rise residential and hotel/ motel single dwelling unit hot water distribution systems to be recognized for compliance.	☐	☐

J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no Certificates of Acceptance applicable to service water heating requirements.

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-PLB-E
Project Name: Santeee Commiunity Center	Report Page: Page 5 of 6
Project Address: 10123 Riverwalk Drive Santee, CA 929071	Date Prepared: 2023-08-25

K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be completed by a HERS Rater and provided to the building inspector during construction. The final documents must be created by a HERS Providers registry, but drafts can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCV/

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
○	◉	NRCV-PLB-21-H High-rise Residential Central Hot Water Distribution HERS Verification	☐	☐
○	◉	NRCV-PLB-22-H High-rise Residential Individual Dwelling Unit Hot Water Distribution HERS Verification	☐	☐

Santee — THE HEART OF IT ALL
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A.S**adre**
Date: **Aug 22, 2025**

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-PLB-E
Project Name: Santeee Commiunity Center	Report Page: Page 6 of 6
Project Address: 10123 Riverwalk Drive Santee, CA 929071	Date Prepared: 2023-08-25

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete

Documentation Author Name:	Luis Aldrete	Documentation Author Signature:	
Company:	Syska Hennessy Group	Signature Date:	2023-08-25
Address:	401 West A St Suite 1850	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	San Diego, CA, 92101	Phone:	(858) 244-0411

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	Raji Khouri	Responsible Designer Signature:	
Company :	Syska Hennessy Group	Date Signed:	2023-08-25
Address:	444 S. Flower Street Suite 2000	License:	M39083
City/State/Zip:	Los Angeles, CA 90071	Phone:	(310) 254-3986

INTERWEST — A CSG COMPANY
Approved
08/01/2025 3:22:19 PM

LICENSED PROFESSIONAL ENGINEER — RAJI KHOURI — M 39083 — EXP. 09/30/26 — MECHANICAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	LA	RK

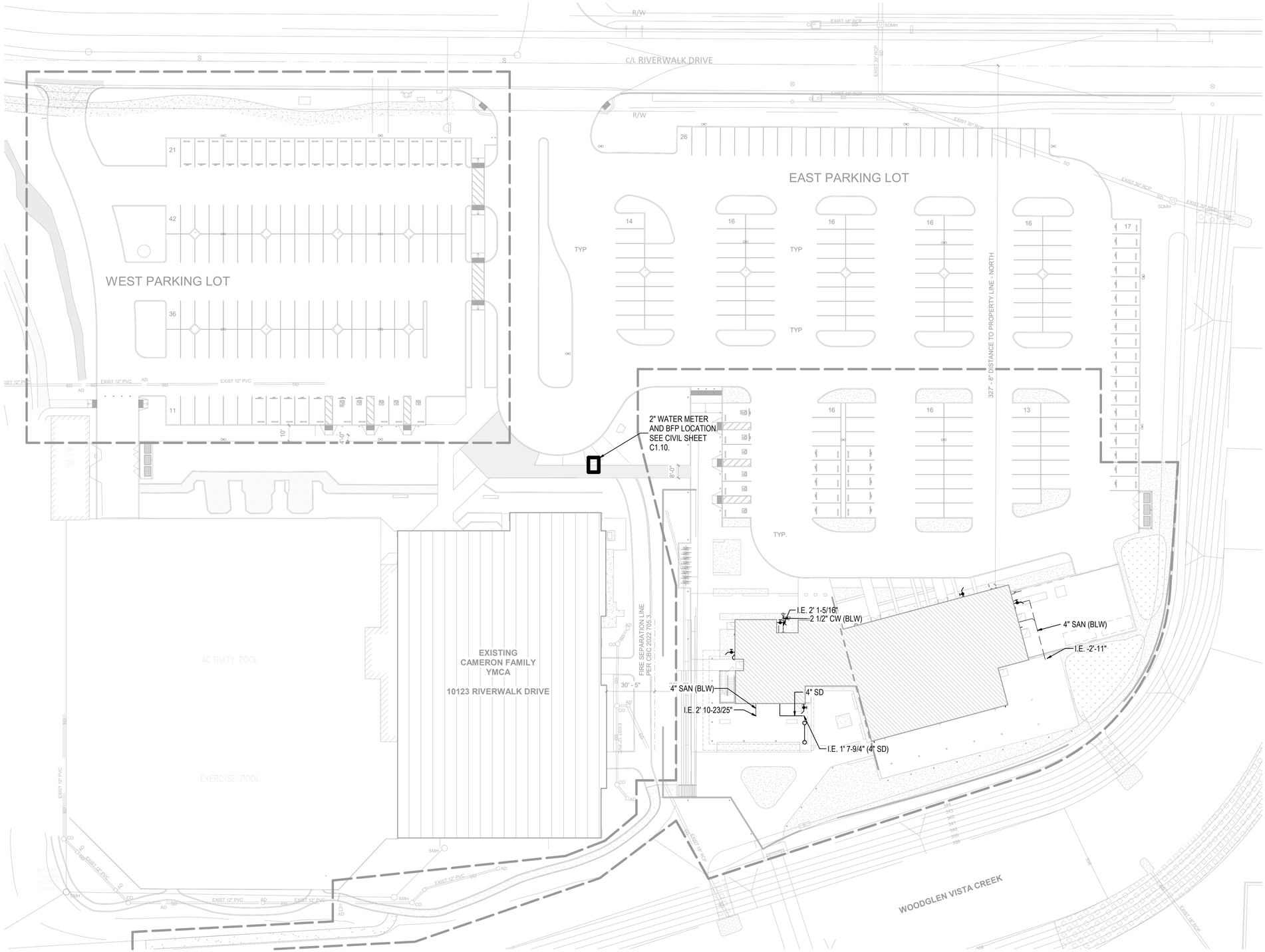
PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**P0.03**
	SHEET 250 OF 294

100% CONSTRUCTION DOCUMENTS - 08/25/2023
SANTEE COMMUNITY CENTER - PLUMBING TITLE 24
Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-P-Santee Community Center-R20.rvt
Please Recycle



1 / P1.21 PLUMBING SITE PLAN
1" = 30'-0"

Keynotes:

Notes:

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:19 PM

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP. 09/30/26 MECHANICAL STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING SITE PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1" = 30'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	LA	RK

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

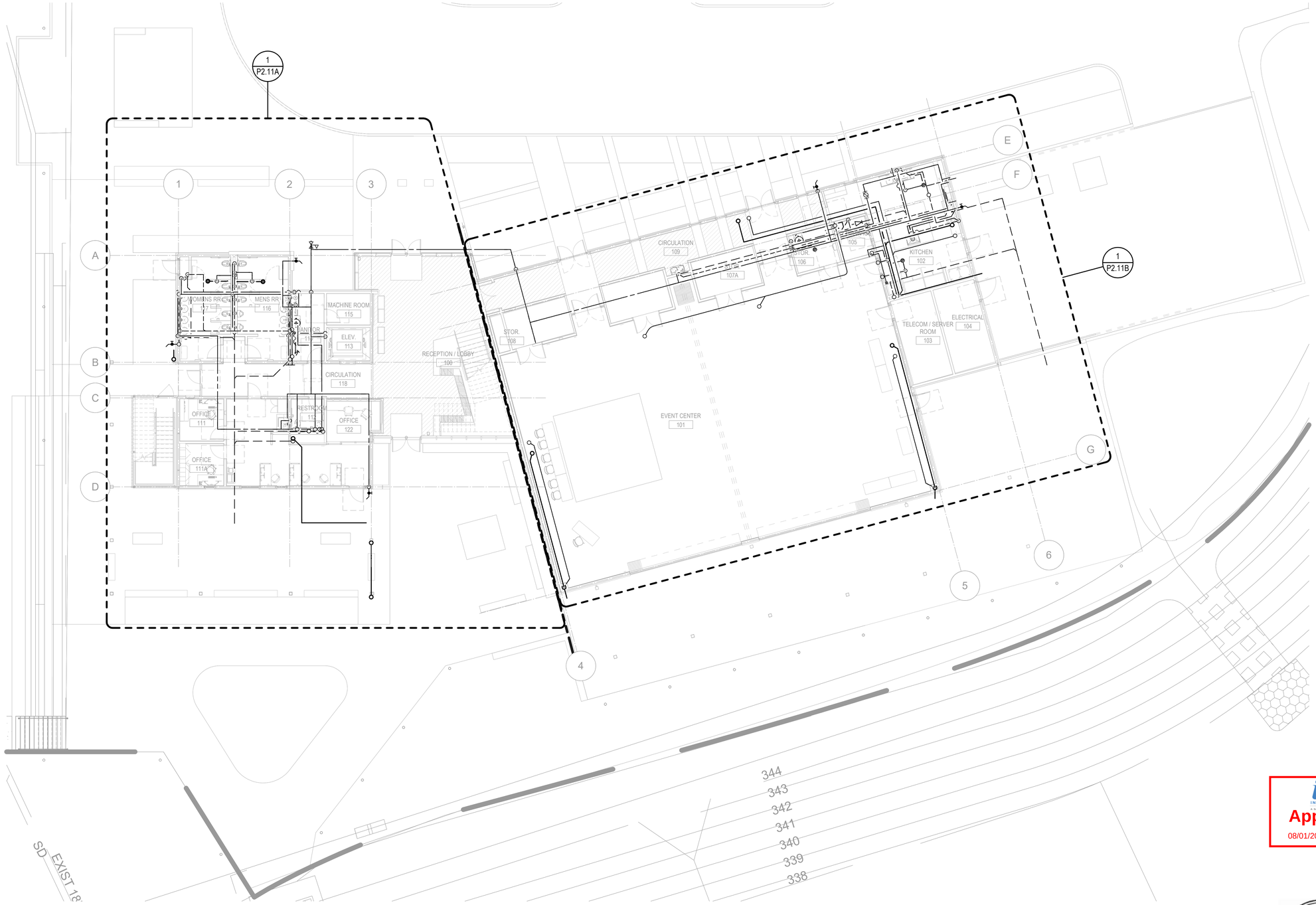
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **P1.21**
SHEET 251 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 / P2.11 PLUMBING FLOOR PLAN - OVERALL - 1ST FLOOR
3/32" = 1'-0"

Keynotes:

1. PROVIDE BUMP OUT FOR 4" SD
2. PROVIDE BUMP OUT FOR 3" SD

Santee
SO MUCH TO BE PROUD

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Notes:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.

2. PIPE ROUTING INDICATES GENERAL INTENT. DETAILS TO BE DETERMINED.

3. EACH FIXTURE TRAP SHALL HAVE A PROTECTING VENT SO LOCATED THAT THE DEVELOPED LENGTH OF THE TRAP ARM FROM THE TRAP WEIR TO THE INNER EDGE OF THE VENT SHALL BE WITHIN THE DISTANCE GIVEN IN TABLE 1002.2 CPC, BUT IN NO CASE LESS THAN TWO TIMES THE DIAMETER OF THE TRAP ARM.

4. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL BE SLOPED AT 2%, AND COMPLY WITH SECTIONS 708 AND 903 OF THE CPC.

5. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER VENT.

6. CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).

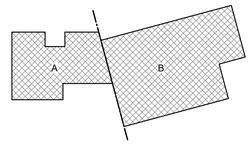
7. ALL BUILDING STORM DRAIN PIPING SHALL BE SLOPED AT 2% AND FOLLOW CPC TABLE 1103.2.

8. LAVATORY FAUCETS IN RESTROOMS SHALL BE THE SELF CLOSING TYPE AND SHALL NOT EXCEED A WATER FLOW OF 0.20 GAL/USE.

9. EACH FAUCET SHALL NOT EXCEED A WATER FLOW OF 1.8 GPM.

10. INSTALL BALL VALVE ON CW AND HW VERTICAL TO FIXTURE.

KEY PLAN:



INTERWEST
Approved
08/01/2025 3:22:19 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING 1ST FLOOR - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	LA	RK

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

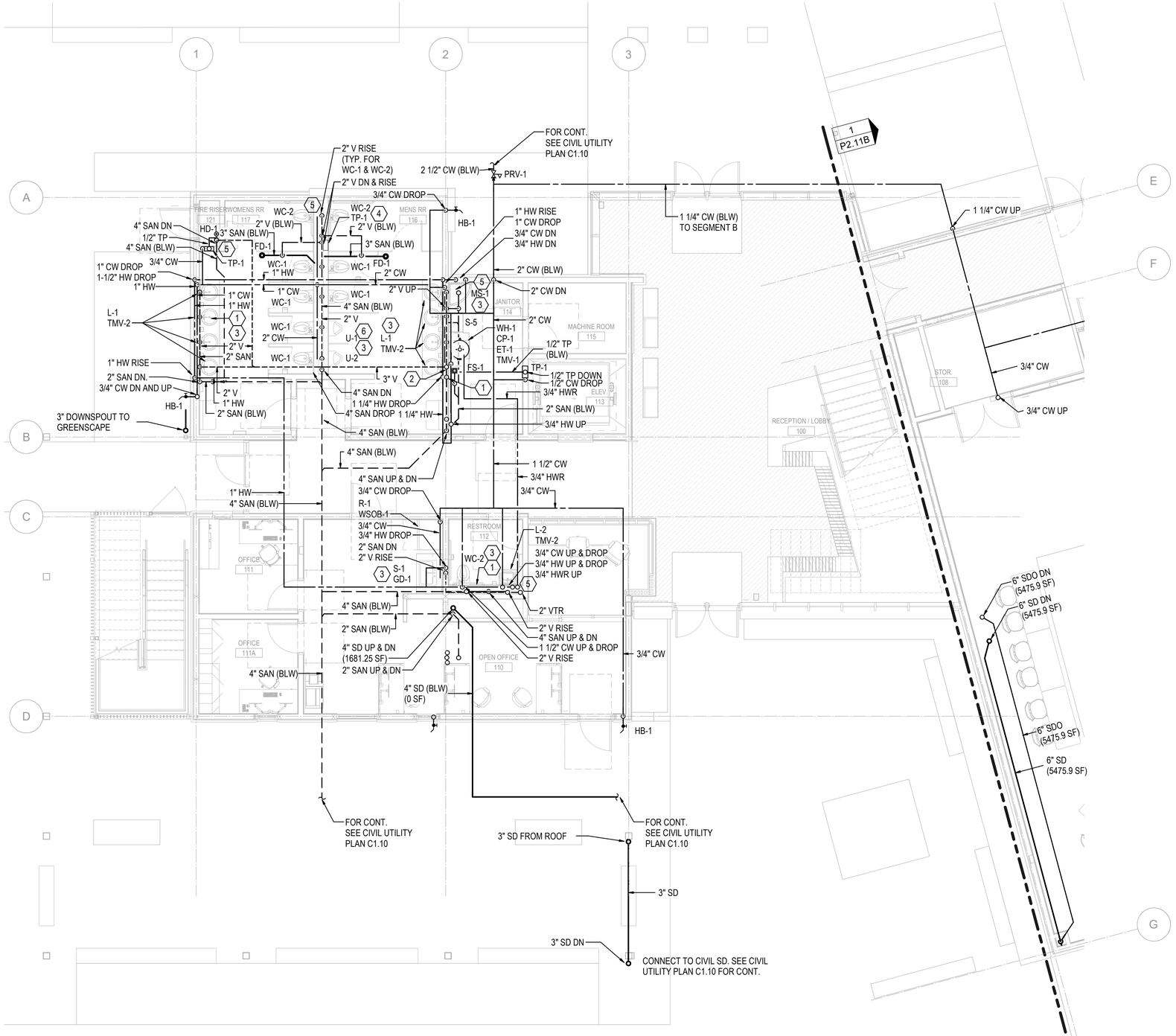
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **P2.11**
SHEET 252 OF 294

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-P-Santee Community Center-R20.rvt

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1 P2.11A PLUMBING FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT A
3/16" = 1'-0"

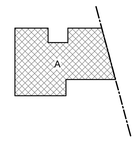
Keynotes:

1. 1-1/2" CW, 3/4" HW, 2" V, 4" SAN RISERS IN STUD WALL.
2. CONNECT 2" V TO VERTICAL IN CHAISE.
3. PROVIDE SHUT OFF VALVE AT EVERY PLUMBING FIXTURE AND A 10" X 10" ACCESS PANEL ABOVE CEILING.
4. PROVIDE TP-1 TO SERVE FD-1.
5. PROVIDE CLEANOUT AT UPPER TERMINAL OF HORIZONTAL SANITARY PIPING IN CONSPICUOUS BUT ACCESSIBLE AREA PER CPC 707.4.
6. CLEANOUT TO BE PROVIDED ABOVE ALL URINALS PER CPC 707.4.

Notes:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
2. PIPE ROUTING INDICATES GENERAL INTENT. DETAILS TO BE DETERMINED.
3. EACH FIXTURE TRAP SHALL HAVE A PROTECTING VENT SO LOCATED THAT THE DEVELOPED LENGTH OF THE TRAP ARM FROM THE TRAP WEIR TO THE INNER EDGE OF THE VENT SHALL BE WITHIN THE DISTANCE GIVEN IN TABLE 1002.2 CPC, BUT IN NO CASE LESS THAN TWO TIMES THE DIAMETER OF THE TRAP ARM.
4. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL BE SLOPED AT 2%, AND COMPLY WITH SECTIONS 708 AND 903 OF THE CPC.
5. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER VENT.
6. CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).
7. ALL BUILDING STORM DRAIN PIPING SHALL BE SLOPED AT 2% AND FOLLOW CPC TABLE 1103.2.
8. LAVATORY FAUCETS IN RESTROOMS SHALL BE THE SELF CLOSING TYPE AND SHALL NOT EXCEED A WATER FLOW OF 0.20 GAL/USE.
9. EACH FAUCET SHALL NOT EXCEED A WATER FLOW OF 1.8 GPM.
10. INSTALL BALL VALVE ON CW AND HW VERTICAL TO FIXTURE.

KEY PLAN:



Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:19 PM

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP. 09/30/26 MECHANICAL STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING 1ST FLOOR - SEGMENT A - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

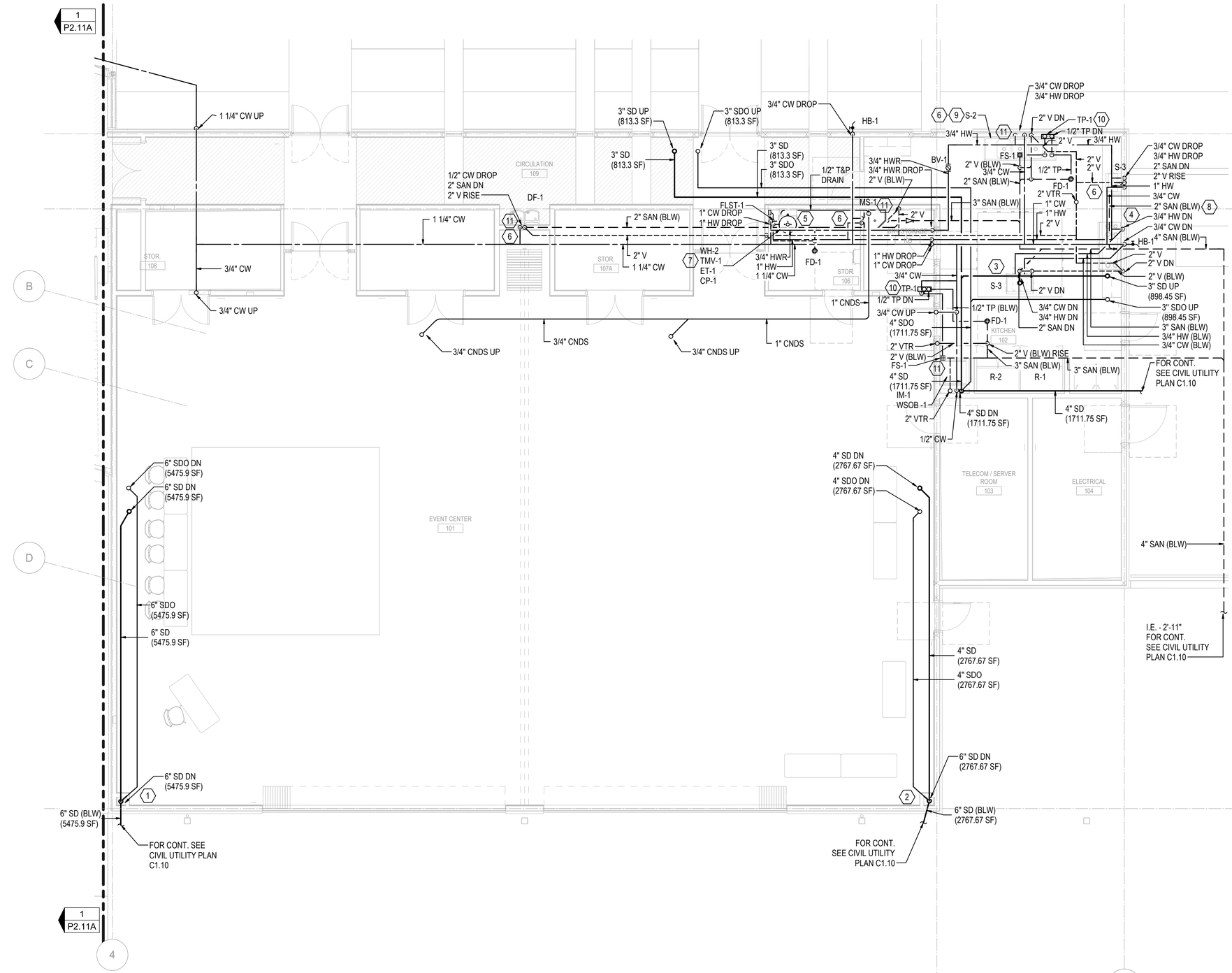
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	GA	LA	RK
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	P2.11A
	SHEET 253 OF 294

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 P2.11B PLUMBING FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT B
3/16" = 1'-0"

Keynotes:

1. PROVIDE BUMP OUT FOR 6" SD.
2. PROVIDE BUMP OUT FOR 6" SD.
3. SEE DETAIL 13/ P5.02 ISLAND VENTING DETAIL.
4. ROUTE PIPING THROUGH CABINETRY AND MILLWORK.
5. PROVIDE FLST-1 ON INCOMING CW TO WH-1 FOR LEAK DETECTION.
6. PROVIDE SHUT OFF VALVE AT EVERY PLUMBING FIXTURE AND A 10" X 10" ACCESS PANEL ABOVE CEILING.
7. PROVIDE WATER HEATER STAND THAT IS HIGH ENOUGH FOR T&P ROUTING TO MS-1 THAT IS 8' AWAY (2% SLOPE).
8. 2" SAN (BLW) SERVES FIXTURE S-3.
9. S-2 SHALL DRAIN INDIRECTLY VIA AIR GAP TO PROVIDED FS-1.
10. PROVIDE TP-1 IN KITCHEN.
11. PROVIDE CLEANOUT AT UPPER TERMINAL OF HORIZONTAL SANITARY PIPING IN CONSPICUOUS BUT ACCESSIBLE ARE PER CPC 707.4.

Notes:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
2. PIPE ROUTING INDICATES GENERAL INTENT. DETAILS TO BE DETERMINED.
3. EACH FIXTURE TRAP SHALL HAVE A PROTECTING VENT SO LOCATED THAT THE DEVELOPED LENGTH OF THE TRAP ARM FROM THE TRAP WEIR TO THE INNER EDGE OF THE VENT SHALL BE WITHIN THE DISTANCE GIVEN IN TABLE 1002.2 CPC, BUT IN NO CASE LESS THAN TWO TIMES THE DIAMETER OF THE TRAP ARM.
4. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL BE SLOPED AT 2%, AND COMPLY WITH SECTIONS 708 AND 903 OF THE CPC.
5. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER VENT.
6. CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).
7. ALL BUILDING STORM DRAIN PIPING SHALL BE SLOPED AT 2% AND FOLLOW CPC TABLE 1103.2.
8. LAVATORY FAUCETS IN RESTROOMS SHALL BE THE SELF CLOSING TYPE AND SHALL NOT EXCEED A WATER FLOW OF 0.20 GAL/USE.
9. EACH FAUCET SHALL NOT EXCEED A WATER FLOW OF 1.8 GPM.
10. INSTALL BALL VALVE ON CW AND HW VERTICAL TO FIXTURE.

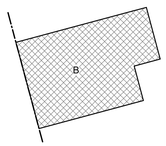
Santee DO MORE • OUR EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed By: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST A Nehemiah Company
Approved
08/01/2025 3:22:20 PM

KEY PLAN:



LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP 09/30/26 MECHANICAL STATE OF CALIFORNIA

TN PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING 1ST FLOOR - SEGMENT B - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	LA	RK

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

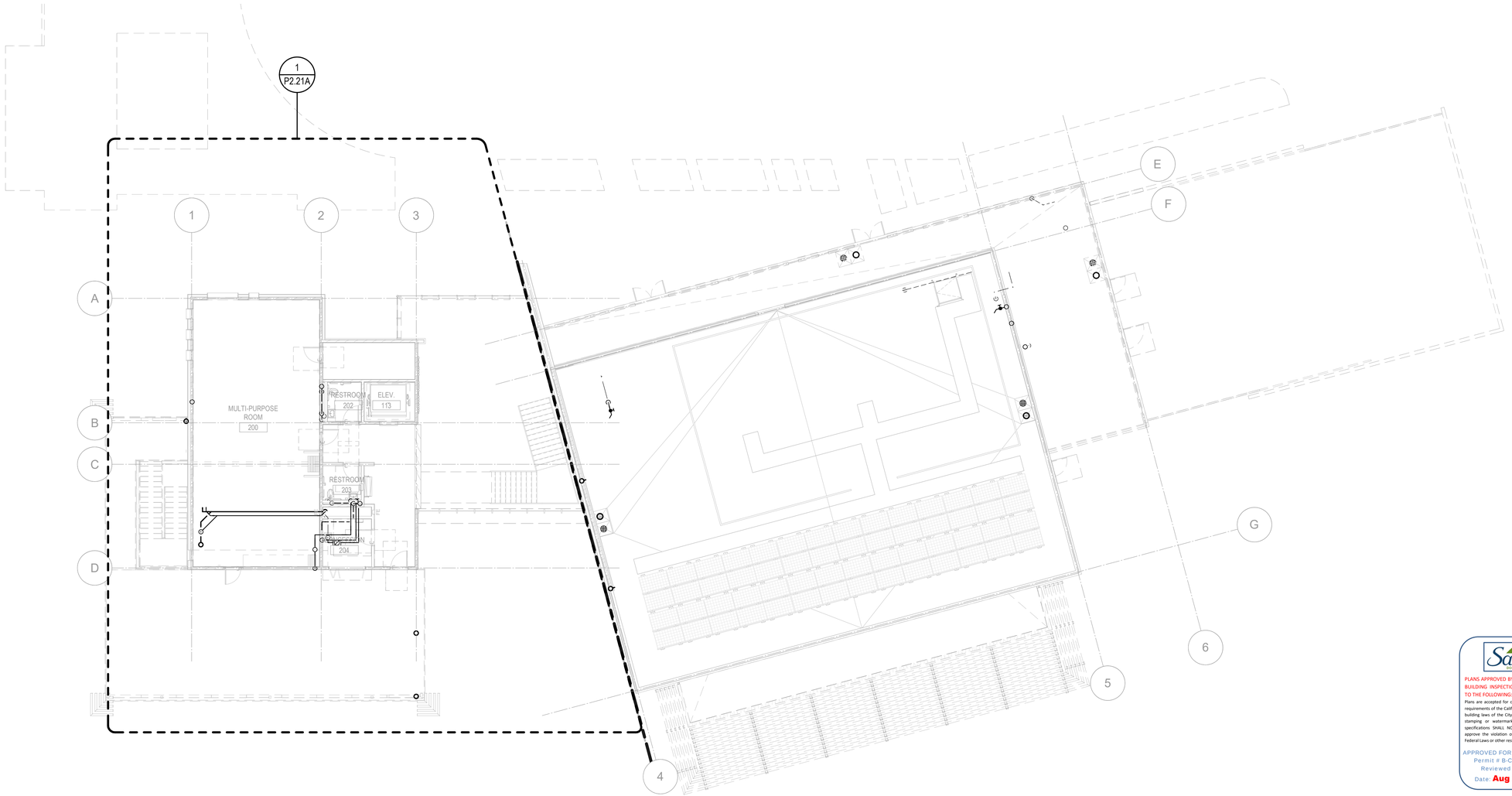
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **P2.11B**

SHEET 254 OF 294

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1 P2.21 PLUMBING FLOOR PLAN - OVERALL - 2ND FLOOR
3/32" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST CONSULTING GROUP
Approved
08/01/2025 3:22:20 PM

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP. 09/30/26 MECHANICAL STATE OF CALIFORNIA

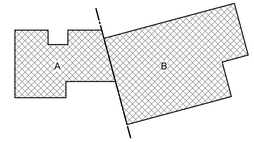
PN

Keynotes:

Notes:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
2. PIPE ROUTING INDICATES GENERAL INTENT. DETAILS TO BE DETERMINED.
3. EACH FIXTURE TRAP SHALL HAVE A PROTECTING VENT SO LOCATED THAT THE DEVELOPED LENGTH OF THE TRAP ARM FROM THE TRAP WEIR TO THE INNER EDGE OF THE VENT SHALL BE WITHIN THE DISTANCE GIVEN IN TABLE 1002.2 CPC, BUT IN NO CASE LESS THAN TWO TIMES THE DIAMETER OF THE TRAP ARM.
4. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL BE SLOPED AT 2%, AND COMPLY WITH SECTIONS 708 AND 903 OF THE CPC.
5. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER VENT.
6. CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).
7. ALL BUILDING STORM DRAIN PIPING SHALL BE SLOPED AT 2% AND FOLLOW CPC TABLE 1103.2.
8. LAVATORY FAUCETS IN RESTROOMS SHALL BE THE SELF CLOSING TYPE AND SHALL NOT EXCEED A WATER FLOW OF 0.20 GAL/USE.
9. EACH FAUCET SHALL NOT EXCEED A WATER FLOW OF 1.8 GPM.
10. INSTALL BALL VALVE ON CW AND HW VERTICAL TO FIXTURE.

KEY PLAN:



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	GA	LA	RK
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

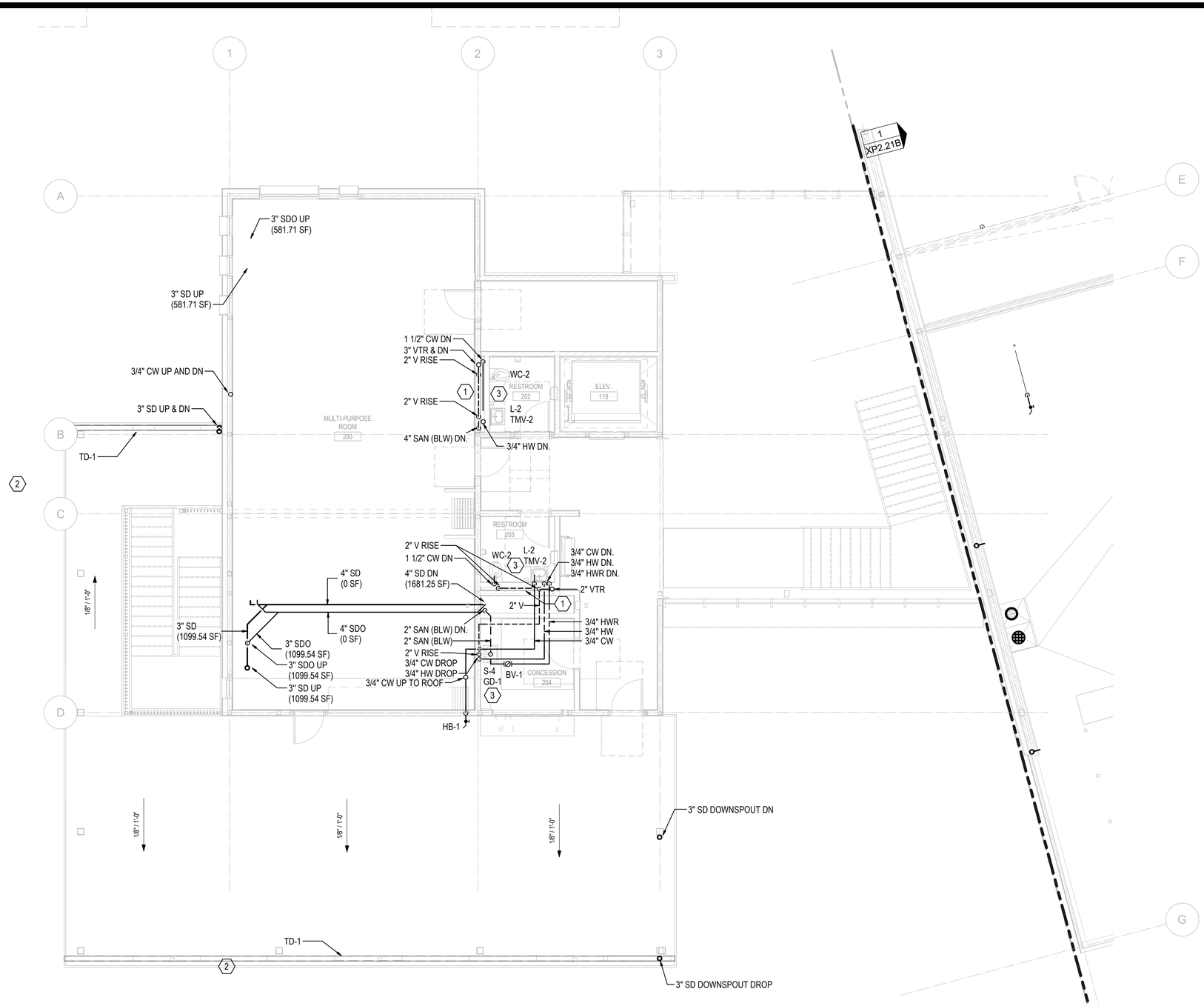
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	P2.21
	SHEET 255 OF 294

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING 2ND FLOOR - FLOOR PLAN

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 P2.21A PLUMBING FLOOR PLAN - PARTIAL - 2ND FLOOR - SEGMENT A
3/16" = 1'-0"

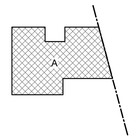
Keynotes:

1. 1 1/2" CW, 3/4" HW, 3/4" HWR, 4" SAN RISERS IN STUD WALL.
2. FOLLOW ALL MANUFACTURE INSTALLATION FOR TD-1. SEE ARCH DETAIL 7/A10.91.
3. PROVIDE SHUT OFF VALVE AT EVERY PLUMBING FIXTURE AND A 10" X 10" ACCESS PANEL ABOVE CEILING.

Notes:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
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KEY PLAN:



Santee
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:20 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING 2ND FLOOR - SEGMENT A - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	GA	LA	RK
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Paula Lorinco
PROJECT ENGINEER

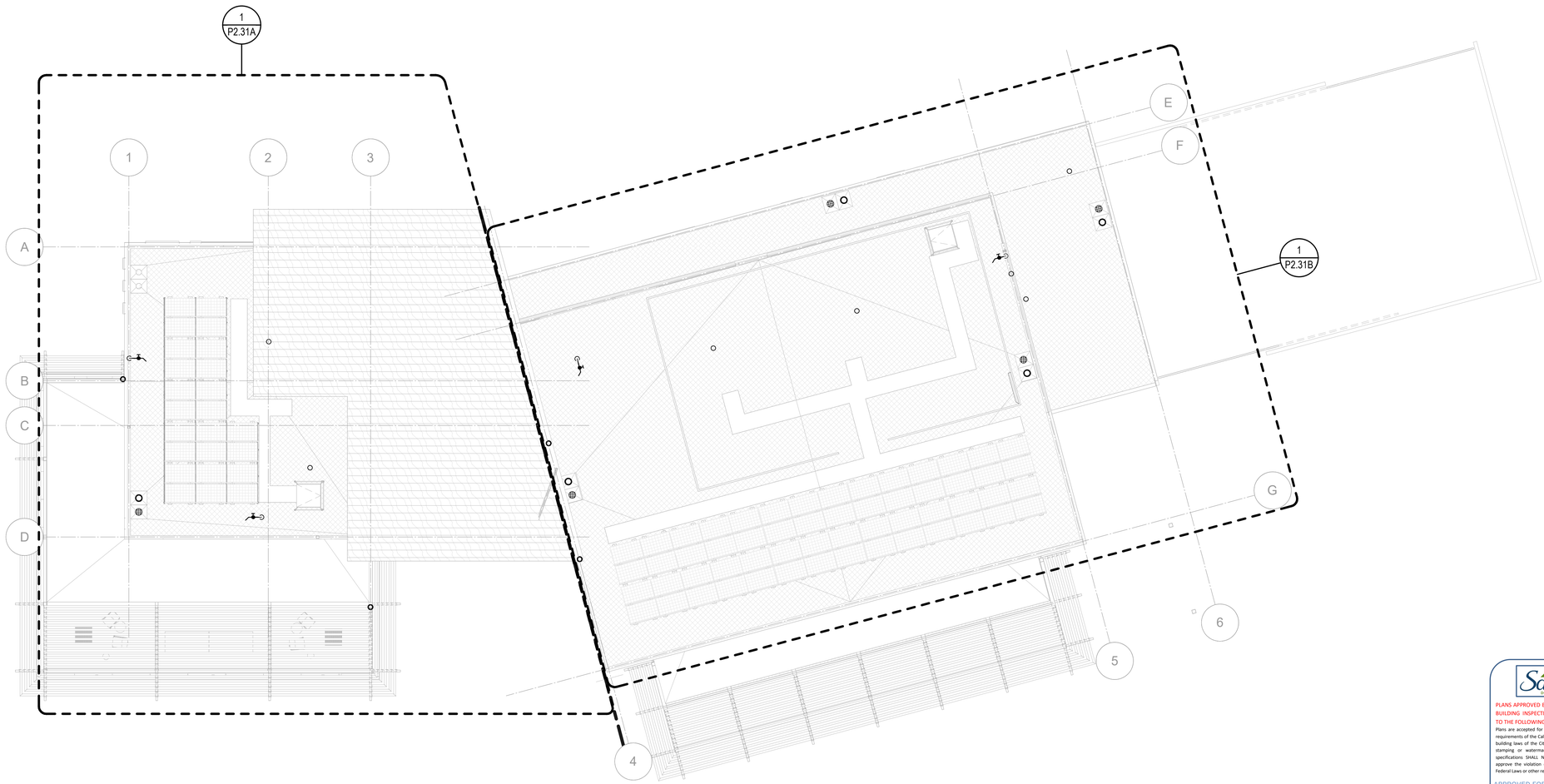
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **P2.21A**

SHEET 256 OF 294

Please Recycle



1 P2.31 PLUMBING ROOF PLAN - OVERALL
3/32" = 1'-0"

Keynotes:

Notes:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.

2. PIPE ROUTING INDICATES GENERAL INTENT. DETAILS TO BE DETERMINED.

3. EACH FIXTURE TRAP SHALL HAVE A PROTECTING VENT SO LOCATED THAT THE DEVELOPED LENGTH OF THE TRAP ARM FROM THE TRAP WEIR TO THE INNER EDGE OF THE VENT SHALL BE WITHIN THE DISTANCE GIVEN IN TABLE 1002.2 CPC, BUT IN NO CASE LESS THAN TWO TIMES THE DIAMETER OF THE TRAP ARM.

4. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL BE SLOPED AT 2%, AND COMPLY WITH SECTIONS 708 AND 903 OF THE CPC.

5. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER VENT.

6. CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).

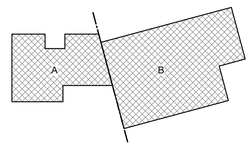
7. ALL BUILDING STORM DRAIN PIPING SHALL BE SLOPED AT 2% AND FOLLOW CPC TABLE 1103.2.

8. LAVATORY FAUCETS IN RESTROOMS SHALL BE THE SELF CLOSING TYPE AND SHALL NOT EXCEED A WATER FLOW OF 0.20 GAL/USE.

9. EACH FAUCET SHALL NOT EXCEED A WATER FLOW OF 1.8 GPM.

10. INSTALL BALL VALVE ON CW AND HW VERTICAL TO FIXTURE.

KEY PLAN:



Santee
SO HIGH • SUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SafeBuilt Company
Approved
08/01/2025 3:22:20 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

TN
PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING ROOF PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE
HORIZ: 3/32" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	LA	RK

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY Paula Marrico PROJECT ENGINEER

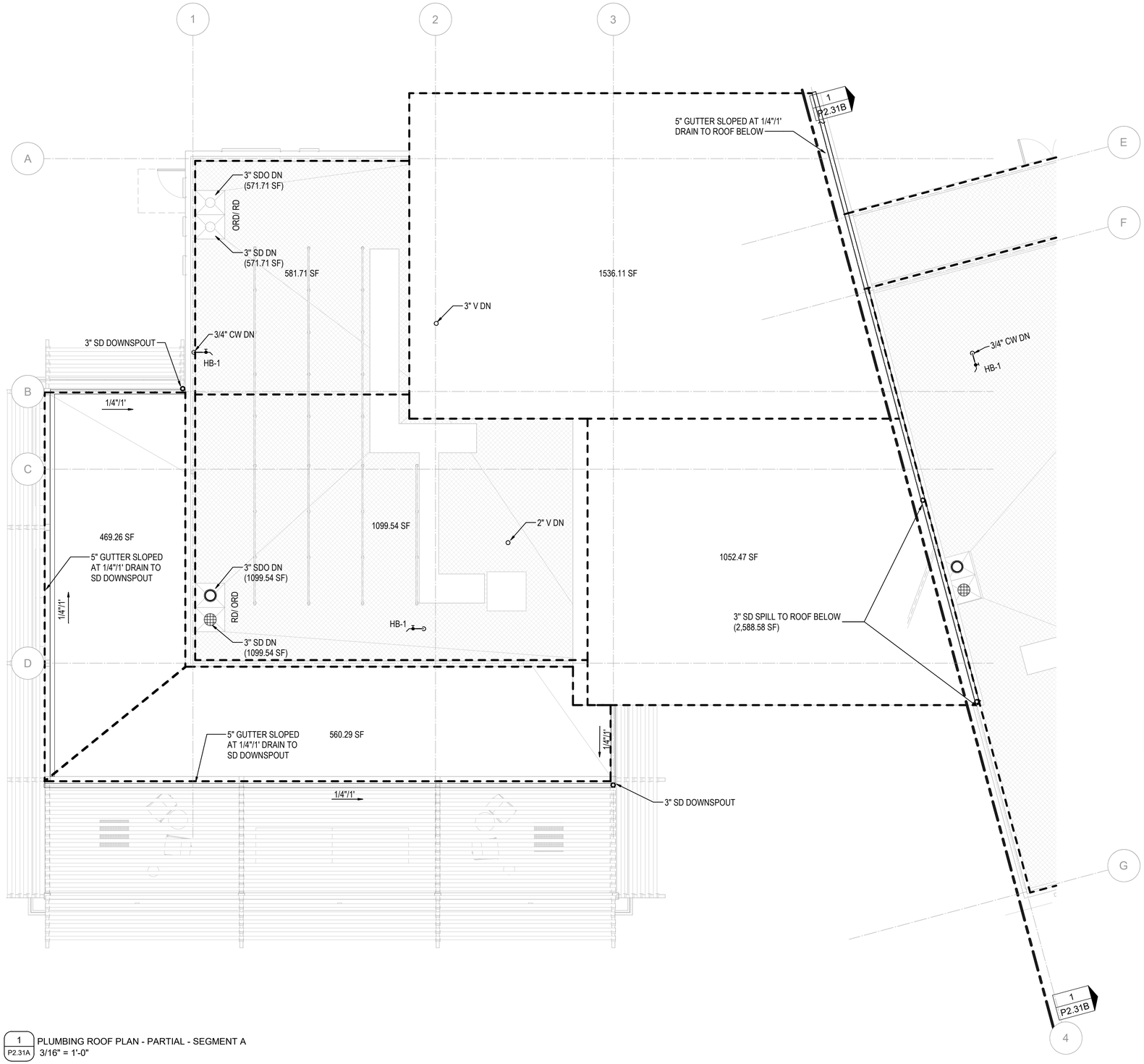
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **P2.31**

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 / P2.31A PLUMBING ROOF PLAN - PARTIAL - SEGMENT A
3/16" = 1'-0"

3" DOWNSPOUTS AND 5" GUTTERS (SLOPED AT 1/4" PER FT) REQUIRED TO SATISFY 2588.58 SF ROOF AREA IN SANTEE, CA.

Santee
GO HERE • DUE EAST

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A NetVolt Company
Approved
08/01/2025 3:22:20 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

TN
PN

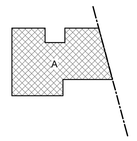
Keynotes:

1. 2" DOWNSPOUT DRAIN TO GREENSCAPE. SEE LANDSCAPE PLANS.

Notes:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
2. PIPE ROUTING INDICATES GENERAL INTENT. DETAILS TO BE DETERMINED.
3. EACH FIXTURE TRAP SHALL HAVE A PROTECTING VENT SO LOCATED THAT THE DEVELOPED LENGTH OF THE TRAP ARM FROM THE TRAP WEIR TO THE INNER EDGE OF THE VENT SHALL BE WITHIN THE DISTANCE GIVEN IN TABLE 1002.2 CPC, BUT IN NO CASE LESS THAN TWO TIMES THE DIAMETER OF THE TRAP ARM.
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9. EACH FAUCET SHALL NOT EXCEED A WATER FLOW OF 1.8 GPM.
10. INSTALL BALL VALVE ON CW AND HW VERTICAL TO FIXTURE.

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING ROOF PLAN - SEGMENT A

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

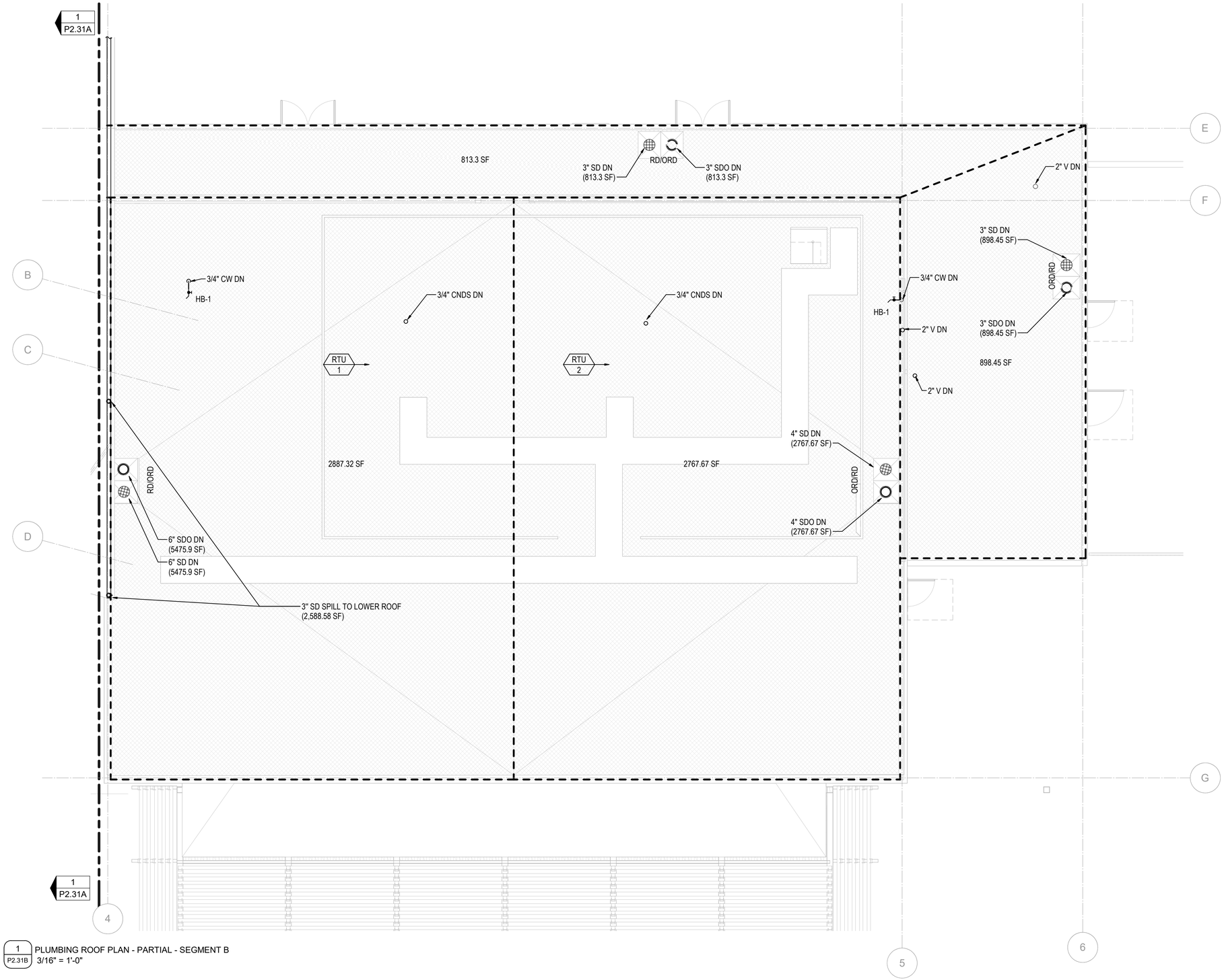
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	GA	LA	RK
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	P2.31A
	SHEET 258 OF 294

Please Recycle



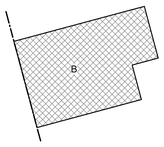
1 P2.31B PLUMBING ROOF PLAN - PARTIAL - SEGMENT B
3/16" = 1'-0"

Keynotes:

Notes:

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KEY PLAN:



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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:20 PM

LICENSED PROFESSIONAL ENGINEER RAJI KHOURI M 39083 EXP. 09/30/26 MECHANICAL STATE OF CALIFORNIA

PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING ROOF PLAN - SEGMENT B

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
GA	LA	RK

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

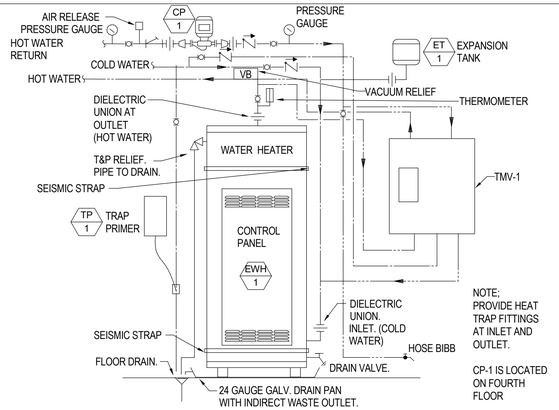
DRAWING NO.: P2.31B
SHEET 259 OF 294

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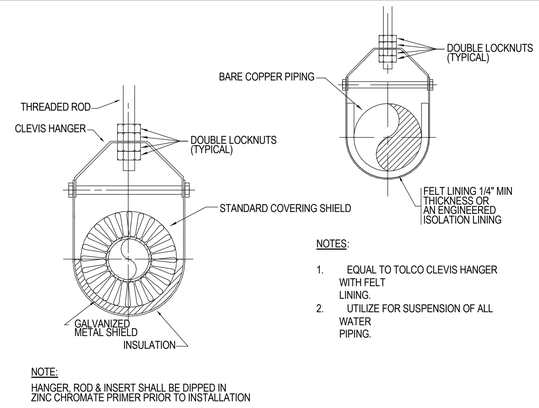
Santee
SO MUCH A PART

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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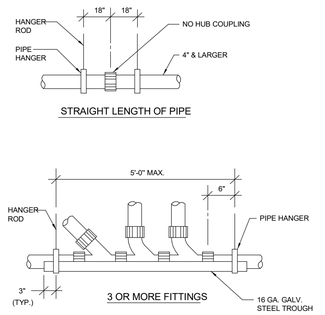
9 WATER HEATER W/CIRCULATION PUMP
SCALE: NONE



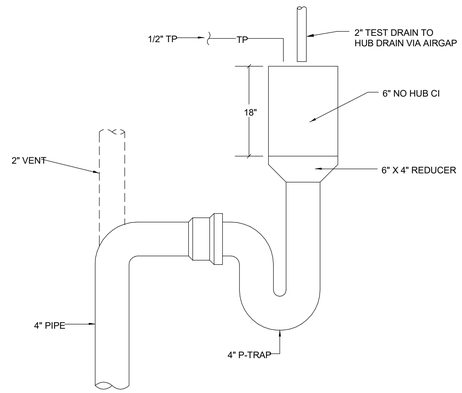
NOTES:
1. EQUAL TO TOLCO CLEVIS HANGER WITH FELT LINING.
2. UTILIZE FOR SUSPENSION OF ALL WATER PIPING.

NOTE:
HANGER, ROD & INSERT SHALL BE DIPPED IN ZINC CHROMATE PRIMER PRIOR TO INSTALLATION

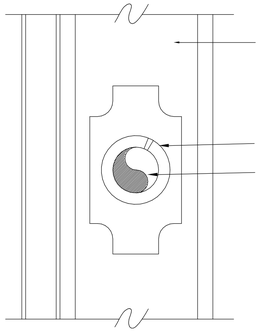
6 TYPICAL PIPE SUPPORT DETAIL
SCALE:



3 NO HUB DETAIL
SCALE:



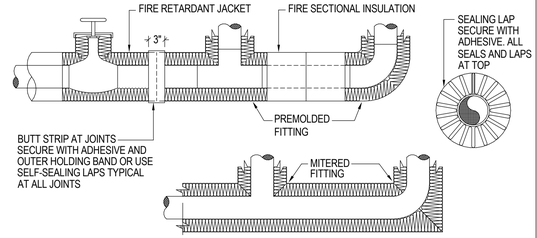
11 FIRE SPRINKLER TEST DRAIN RECEPTOR
SCALE:



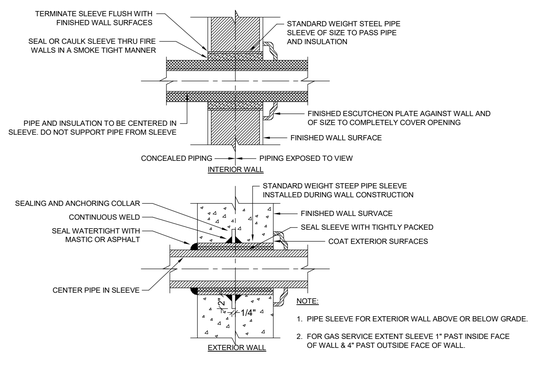
8 ISOLATED PIPING PEN. THRU STUD & PLATES
SCALE:

CONCEALED VALVES AND FITTINGS
- WRAP WITH 1 INCH THICK, 1 POUND DENSITY TO REQUIRED PIPE INSULATION THICKNESS.
- SECURE WITH WIRE OR TAPE.
- VAPOR SEAL COLD WATER, CHILLED WATER AND STORM WATER PIPING.

EXPOSED VALVES AND FITTINGS
- PREMOLDED FIRBERGLASS OR RADIAL MITERED PIPE INSULATION.
- SKIM COAT OF INSULATION CEMENT.
- COAT OF MASTIC.
- WRAP WITH FIBERLASS REINFORCING CLOTH.
- FINISH COAT OF MASTIC.
- OVERLAP 2 INCHES ON PIPE INSULATION.

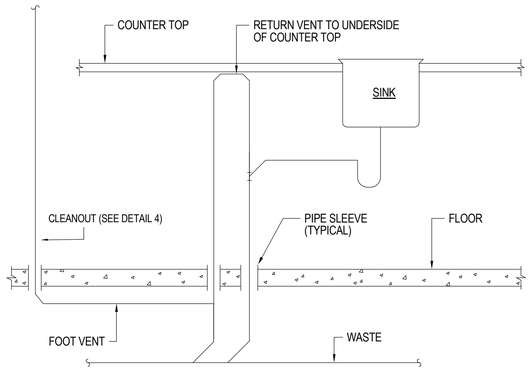


5 INSULATION OF PIPING, VALVES AND FITTINGS
SCALE:

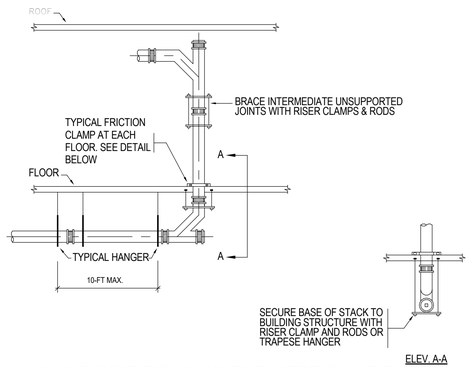


NOTE:
1. PIPE SLEEVE FOR EXTERIOR WALL ABOVE OR BELOW GRADE.
2. FOR GAS SERVICE EXTENT SLEEVE 1" PAST INSIDE FACE OF WALL & 4" PAST OUTSIDE FACE OF WALL.

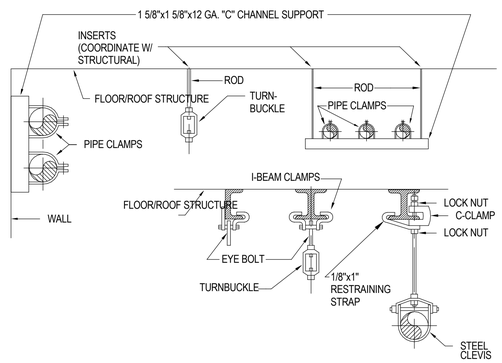
2 PIPE SLEEVE THROUGH WALL
SCALE:



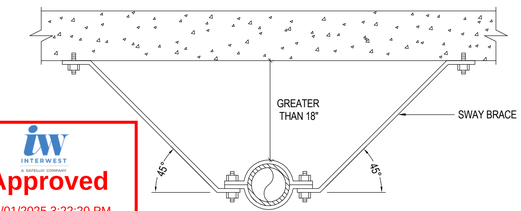
10 ISLAND VENTING DETAIL
SCALE:



7 NO-HUB PIPE BRACING FOR VERTICAL PIPING
SCALE:



4 PIPE SUPPORT DETAIL
SCALE:



INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:20 PM

WHEN HUBLESS PIPING IS SUSPENDED IN EXCESS OF 18" BELOW STRUCTURE, SWAY BRACING SHALL BE PROVIDED TO PREVENT HORIZONTAL MOVEMENT. LOCATE BRACE EVERY 30 FT. ON STAIGHT RUNS WITH AT LEAST ONE BRACE ON OFFSETS IN EXCESS OF 10 FEET. SUBMIT DETAILS IF VARIATION IS REQUIRED.

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

1 NO-HUB SWAY BRACING FOR HORIZONTAL PIPING
SCALE:

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	GA	LA	RK
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

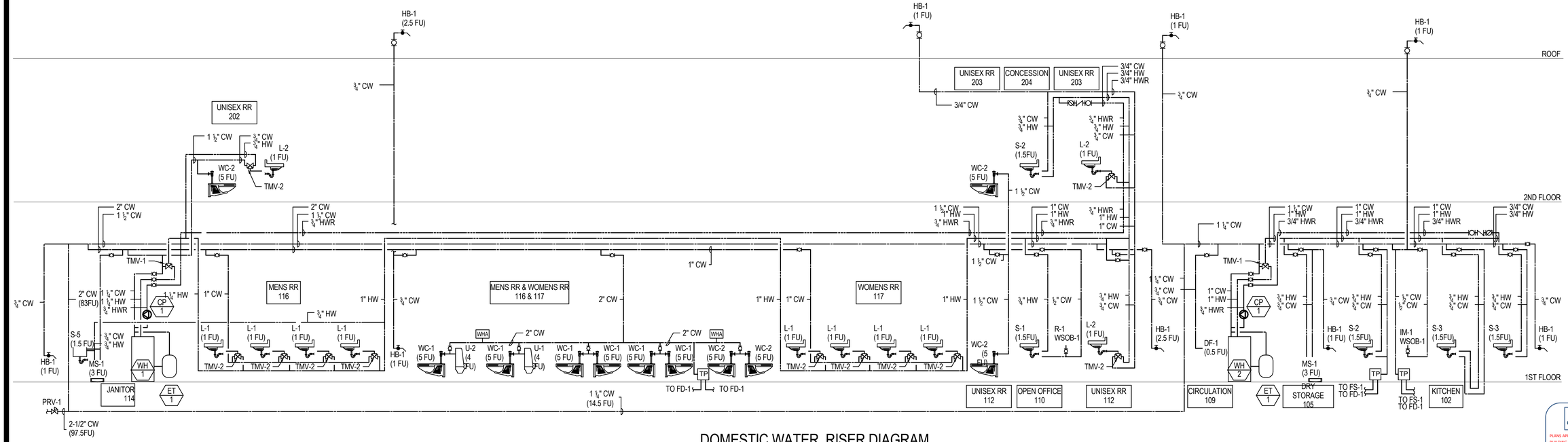
DRAWING NO.: **P5.01**
SHEET 260 OF 294

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING DETAILS

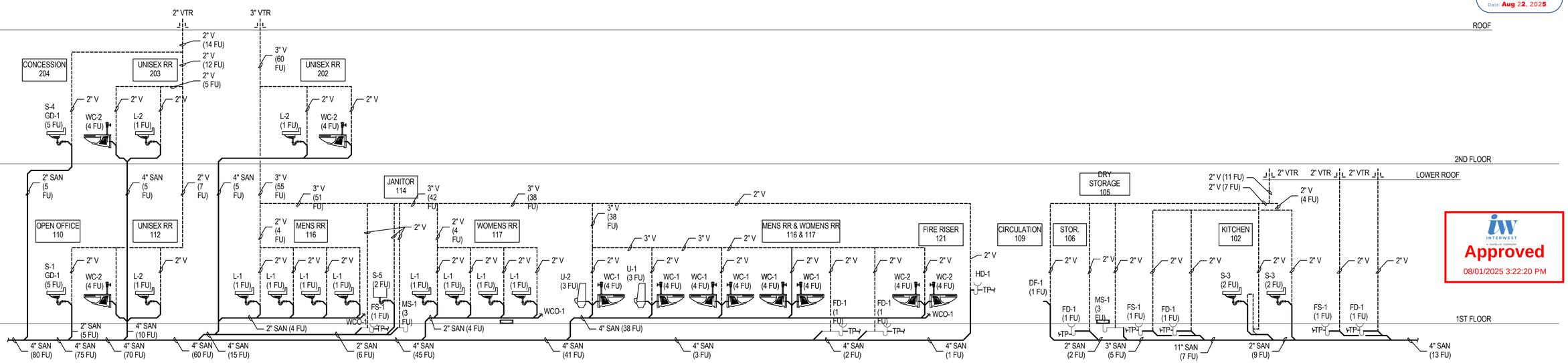
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Keynotes:



DOMESTIC WATER RISER DIAGRAM

NOT TO SCALE



SANITARY AND VENT RISER DIAGRAM

NOT TO SCALE

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:20 PM

LICENSED PROFESSIONAL ENGINEER
RAJI KHOURI
M 39083
EXP. 09/30/26
MECHANICAL
STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - PLUMBING DIAGRAMS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	GA	LA	RK
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **P6.01**
SHEET 261 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

ABBREVIATIONS

-A-	
A	AUDIO, AMPERE, COMPRESSED AIR
ADDL	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
AL	AUDIO LEFT
AR	AUDIO RIGHT
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	AUDIO VISUAL, ALARM VALVE
AVG	AVERAGE
AWG	AMERICAN WIRE GAUGE
-B-	
B	BLUE
BAT	BATTERY
BFF	BELOW FINISH FLOOR
BKGD	BACKGROUND
BLDG	BUILDING
BLW	BELOW / UNDERGROUND
BOT	BOTTOM
BTWN	BETWEEN
-C-	
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
CD	CONSTRUCTION DOCUMENT, CEILING DIFFUSER
CL	CENTER LINE, CLOSE, CLOSET
CLG	CEILING
CM	CONSTRUCTION MANAGER
CTRL	CONTROL
CTV	CABLE TELEVISION, CONTROL VALVE
-D-	
(D)	EXISTING TO BE DEMOLISHED
DEF	DEFINITION
DEG	DEGREE
DEMO	DEMOLITION
DESCR	DESCRIPTION
DET	DETAIL
DGTL	DIGITAL
DIAG	DIAGRAM
DWG	DRAWING
-E-	
(E)/EX	EXISTING TO REMAIN, EXAMPLE
(ER)	EXISTING TO BE RELOCATED
EA	EACH
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRIC, ELECTRICAL
EMER	EMERGENCY
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EXCL	EXCLUDE
-F-	
F	FEMALE, FAHRENHEIT, FIRE SERVICE
FBO	FURNISHED BY OTHERS
FL / FLR	FLOOR
FLEX	FLEXIBLE
FR	FLOOR RECEPTACLE, FIRE RATING
FREQ	FREQUENCY
FT	FOOT, FEET
FUT	FUTURE
-G-	
G	GREEN, GROUND, GAS
GC	GENERAL CONTRACTOR
-H-	
HZ	HERTZ
-I-	
IRE	INFRARED EMITTER
-J-	
JB	JUNCTION BOX
-L-	
LVC	LOW VOLTAGE CONTROL
-M-	
M	MALE
MAX	MAXIMUM
MLC	MOTOR LOGIC CONTROL
MTD	MOUNTED
-N-	
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN, NUMBER
NTS	NOT TO SCALE
-O-	
OAE	OR APPROVED EQUAL
OFE	OWNER FURNISHED EQUIPMENT
-P-	
PB	PULL BOX, PUSH BUTTON
PNL	PANEL
PWR	POWER
-Q-	
QTY	QUANTITY
-R-	
(R)	REMOVE EXISTING
R	RED
RCP	REFLECTED CEILING PLAN
REC	RECESSED
RECPT	RECEPTACLE
REQD	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
-S-	
S	SYNC
SCHED	SCHEDULE
SECT	SECTION
SPEC	SPECIFICATION
SPKR	SPEAKER
STP	SHIELDED TWISTED PAIR(S)
SYS	SYSTEM
-T-	
TBD	TO BE DETERMINED
TC	TECHNOLOGY CENTER
TEL	TELEPHONE
TM	TERMINAL BLOCK
TV	TELEVISION
TYP	TYPICAL
-U-	
UC	UNDERCOUNTER
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTIL	UTILITY
-V-	
V	VIDEO, VOLT, VENT
VCR	VIDEO CASSETTE RECORDER
-W-	
W	WATT, WIRE, WALL PHONE, WIDTH, WASTE
WP	WEATHERPROOF, WORKING PRESSURE
WR	WALL RECEPTACLE
-X-	
XFER	TRANSFER
XFMR	TRANSFORMER

SYMBOLS LEGEND

ANNOTATION	
1 VIEW TITLE / SCALE: NTS	PLAN TITLE NO. -1
1 / TA-201 TITLE / SCALE: NTS	TITLE MARK DETAIL OR PLAN NO. - 1 FOUND IN TA-201
1 / TA-501	DETAIL REFERENCE DETAIL NO. - 1 FOUND IN TA-501
1 / TA-501	SECTION MARK SECTION NO. - 1 FOUND IN TA-501
2 / TA-201	DETAIL BOUNDARY (RECTANGLE) DETAIL NO. - 2
1	SHEET KEYNOTE
1	REVISION CLOUD (DELTA 1)
AC / 1-1	EQUIPMENT TAG MARK - AC MARK NO. - 1-1
	POINT OF CONNECTION
	POINT OF DISCONNECTION

UNDER AUDIOVISUAL CONTRACT				
FLOOR	WALL	FURN./ TABLE	CEILING	
SF Z	SW Z		SC Z	STANDARD AUDIOVISUAL SPEAKER ("Z" DENOTES ZONE)
	M	MT	M	STANDARD AUDIOVISUAL MICROPHONE
		M>		AUDIOVISUAL MICROPHONE - CARDIOIDS
		M		AUDIOVISUAL MICROPHONE - OMNI
☐				AUDIOVISUAL EQUIPMENT RACK
	▬			FLAT PANEL DISPLAY. SEE PLANS FOR DETAILS.
AVF	AV	AVT	AV	AUDIOVISUAL INPUT PLATE
VC				AUDIOVISUAL VOLUME CONTROL
	PTZ		PTZ	AUDIOVISUAL CAMERA - P/T/Z
			IP	AUDIOVISUAL CAMERA - IP
	PS		PS	AUDIOVISUAL PARTITION SENSOR
	CP			WALL MOUNTED AV CONTROL TOUCH INTERFACE.
	AL			WALL MOUNTED ASSISTIVE LISTENING SYSTEM EMITTER
	RS			WALL MOUNTED ROOM SCHEDULER
	A			ANTENNA
	SB			SOUND BAR
	C		C	CAMERA
	OS			GROUND OUTDOOR SPEAKER
	SCN			SCREEN SWITCH
			S	CEILING SPEAKER, PENDANT MOUNT
			MSCN	MOTOR FOR PROJECTION SCREEN WITH INTERFACE FOR AUDIOVISUAL CONTROLS.
			▬	PROJECTION SCREEN

EQUIPMENT RACK TYPES	
TYPE A	FREESTANDING RACK
TYPE B	SLIDE OUT RACK, MOUNTED IN CASEWORK
TYPE C	WALL MOUNTED SWING OUT RACK
TYPE D	PORTABLE RACK

FLOOR	WALL	FURN./ TABLE	CEILING	
	# # # AV			IN-WALL BOX, WITH DIVIDED COMPARTMENTS FOR SHARED ACCESS WITH AUDIOVISUAL, DATA AND 120VAC POWER. FLUSH MOUNT WITH FINISHED WALL TREATMENT. REFER TO AUDIOVISUAL DETAIL SHEETS FOR ADDITIONAL REQUIREMENTS. FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. (CHIEF PAC526FWPX SERIES)
	# # AV			IN-WALL BOX, WITH DIVIDED COMPARTMENTS FOR SHARED ACCESS WITH AUDIOVISUAL AND 120VAC POWER. FLUSH MOUNT WITH FINISHED WALL TREATMENT. REFER TO AUDIOVISUAL DETAIL SHEETS FOR ADDITIONAL REQUIREMENTS. FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. (CHIEF PAC526FWPX SERIES)
	# #			IN-WALL BOX, WITH DIVIDED COMPARTMENTS FOR SHARED ACCESS WITH DATA AND 120VAC POWER. FLUSH MOUNT WITH FINISHED WALL TREATMENT. REFER TO AUDIOVISUAL DETAIL SHEETS FOR ADDITIONAL REQUIREMENTS. FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. (CHIEF PAC526FWPX SERIES)
AV(X)	AV(X)		AV(X)	TELECOMMUNICATIONS DATA OUTLET, SEE TELECOM DRAWINGS FOR ADDITIONAL INFORMATION. SUB-NUMBER INDICATES THE MINIMUM NUMBER OF DATA DROPS REQUIRED FOR THE AUDIOVISUAL SYSTEM USE.
	#			SPECIALTY TELECOMMUNICATIONS DATA OUTLET, SEE TELECOM DRAWINGS FOR ADDITIONAL INFORMATION
	# TV			COAX CABLE OUTLET, SEE TELECOM DRAWINGS FOR ADDITIONAL INFORMATION. SUB-NUMBER INDICATES THE MINIMUM NUMBER OF COAX DROPS REQUIRED FOR THE AUDIOVISUAL SYSTEM USE.
#	#		#D	DUPLEX RECEPTACLE (BY DIV. 26) (SHOWN FOR REFERENCE ONLY)
#	#		#Q	QUAD RECEPTACLE (BY DIV. 26) (SHOWN FOR REFERENCE ONLY)

BY OTHERS				
FLOOR	WALL	FURN./ TABLE	CEILING	
			▬	PROJECTION SCREEN
J #	J #		J #	GANGABLE JUNCTION BOX (BY DIV. 26) (SUBSCRIPT DENOTES NUMBER OF GANG). ALL AV GANG BOX LOCATIONS SHALL BE EXTRA DEEP UNLESS OTHERWISE INDICATED.
J C	J C		J C	CUSTOM BACK BOX TO BE OEM BY MANUFACTURER. MOUNT FLUSH WITH FINISHED WALL TREATMENT. REFER TO AUDIOVISUAL CONDUIT RISER DIAGRAMS FOR DEVICE MOUNTING HEIGHT. FURNISHED BY AV CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
	CT			SCREW COVER JUNCTION BOX FOR AUDIOVISUAL CONDUIT TERMINATION; SIZED BY ELECTRICAL CONTRACTOR. ALL CONDUITS TERMINATE AT THIS BOX UNLESS OTHERWISE INDICATED. REFER TO AUDIOVISUAL CONDUIT RISER DIAGRAMS FOR DEVICE MOUNTING HEIGHT.
AV # # #		AV # # # T	AV # # #	MULTI-SERVICE BOX (AV/DATA/PWR) • AV REQD (CONDUIT OR FACEPLATE) • POWER RECEPTACLE (BY DIV. 26) • DATA DROPS FOR AV SYSTEM USE

SHEET INDEX

NO.	TITLE	SCALE
TA0.00	AUDIO VISUAL COVER SHEET	NONE
TA0.01	AUDIO VISUAL COVER SHEET	3/32" = 1'-0"
TA0.02	AUDIO VISUAL GENERAL NOTES	NONE
TA2.11	AUDIO VISUAL FIRST FLOOR - OVERALL	3/32" = 1'-0"
TA2.21	AUDIO VISUAL SECOND FLOOR - OVERALL	3/32" = 1'-0"
TA4.01	AUDIO VISUAL ENLARGED PLAN	3/32" = 1'-0"
TA4.02	AUDIO VISUAL ENLARGED PLAN	3/32" = 1'-0"
TA4.03	AUDIO VISUAL ENLARGED PLAN	3/32" = 1'-0"
TA4.04	AUDIO VISUAL ENLARGED PLAN	3/32" = 1'-0"
TA5.01	AUDIO VISUAL DETAILS	3/32" = 1'-0"

Santee DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A SpitfireX Company
Approved
08/01/2025 3:22:20 PM

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - AUDIO VISUAL COVER SHEET

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024
INSPECTOR:				
DATE COMPLETED				

BENCH MARK

SCALE
HORIZ: NONE
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
ER	HR	ER

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. ____ DATE ____ EXPIRES ____

REVIEWED 08/26/2025
BY ____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **TA0.00**
SHEET 262 OF 294

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COORDINATION NOTES

1. DISPLAY SYSTEM
   A. FOR ALL WALL-MOUNTED APPLICATION OF FLAT PANEL DISPLAY SYSTEM, THE WALL SHALL BE ABLE TO STRUCTURALLY SUPPORT FOUR TIMES (4X) THE TOTAL WEIGHT OF THE DISPLAY SYSTEM.

2. ESTIMATED ELECTRICAL LOAD
   A. POWER RECEPTACLES INTENDED FOR AUDIOVISUAL EQUIPMENT WITHIN A SPACE SHALL BE ON THE SAME PHASE.

   B. FOR THE SPACES BEING DESIGNED, WE CAN SAFELY ESTIMATE THAT A 20 AMP CIRCUIT WILL BE SUFFICIENT FOR ALL A/V EQUIPMENT IN EACH SPACE WITH THE EXCEPTION OF DIVISIBLE SPACES; EACH ROOM IN THE DIVISIBLE SPACE SHALL BE CONSIDERED AS A SEPARATE SPACE.

   C. A FULLY LOADED 20 AMP CIRCUIT, USING A NOMINAL VOLTAGE OF 2,300 WATTS (115 volts x 20 amp). USING AN EFFICIENCY FACTOR OF 50% (I.E., 50% OF THE CURRENT IS ACTUALLY CONVERTED INTO HEAT), YIELDS APPROXIMATELY 4,000 BTUS/HOUR (1,150 X 3.413).

   D. ESTIMATED ELECTRIC LOAD:

      a. (1) 20A CIRCUIT DEDICATED FOR AV RACK.

      b. (1) 20A CIRCUIT DEDICATED FOR PROJECTOR

      c. (1) 20A CIRCUIT DEDICATED FOR ALL FLAT PANEL DISPLAY.

3. ESTIMATED HVAC LOAD
   A. HEAT LOAD OUTPUT FROM PROJECTORS AND FLAT PANEL DISPLAY SYSTEMS WITHIN ROOMS IS ESTIMATED AT 1,000 BTU/HR PER DEVICE.

   B. ESTIMATED BTU/HR PER SPACE
   SEE DRAWING TA-002 FOR ESTIMATED HEAT LOAD CALCULATIONS PER SPACE.

4. RECOMMENDED LIGHTING CRITERIA FOR SUPPORT OF AV PROGRAM REQUIREMENTS
   A. THE LIGHTING SYSTEM SHOULD PROVIDE A VISUALLY COMFORTABLE, QUALITY ILLUMINATED ENVIRONMENT FOR ALL OCCUPANTS. IT SHOULD BE DEVELOPED TO CONTROL SURFACE BRIGHTNESS AND MINIMIZE GLARE FOR THE OCCUPANTS AND ON THE SCREENS. IT IS CRITICAL THAT VERTICAL ILLUMINATION IS PROVIDED ON THE WALL SURFACES WITHIN THE SPACE. THE ILLUMINATION OF THE WALLS ARE THE BACKDROP FOR THE CAMERA'S VIEW. THE LIGHTING SYSTEM SHOULD PROVIDE A CONSISTENT LEVEL OF ILLUMINATION AND COLOR OF LIGHT THROUGHOUT THE SPACE. THE SOURCES OF ILLUMINATION SHOULD ALL PROVIDE A CONSISTENT COLOR TEMPERATURE OF 3500K. THIS IS A "NEUTRAL" SOURCE WHICH DOES NOT STRONGLY FAVOR THE BLUE OR RED WAVELENGTHS OF THE COLOR SPECTRUM. IT IS COMPLIMENTARY FOR SKIN TONES AS WELL AS MULTIPLE VARIATIONS OF FINISHES. THE MINIMUM COLOR RENDERING INDEX FOR ALL LIGHT SOURCES WITHIN THE SPACE SHOULD BE 85.

   B. THE LIGHTING SYSTEM SHOULD PROVIDE FLEXIBILITY FOR THE VARIOUS EVENTS AND AV REQUIREMENTS THAT OCCUR WITHIN EACH INDIVIDUAL SPACE. MULTI-SCENE, PRESET DIMMING SYSTEMS WILL SUPPORT THE FLEXIBILITY OF CREATING VARIOUS ILLUMINATED ENVIRONMENTS WHICH SUPPORT THE VARIOUS FUNCTIONS WITHIN THE ROOM. DESIGNATION OF MULTIPLE CONTROL ZONES WILL FURTHER ENHANCE THE FLEXIBILITY AND PERFORMANCE OF THE AV ENVIRONMENT. FOR EXAMPLE, THE LIGHTING FIXTURES WHICH ARE LOCATED ADJACENT TO SCREENS OR MONITORS SHOULD BE LOCATED ON A SEPARATE DIMMING ZONE. THE PRESET DIMMING CONTROLS SHOULD INTERFACE WITH THE AV CONTROLS TO STREAMLINE THE OPERATION OF THE ROOM. ALL SCENE SELECT STATIONS SHOULD BE LABELED TO EASE THE UNDERSTANDING OF THE VARIOUS SCENES FOR THE OCCUPANTS.

   a. THE FOLLOWING LEVELS OF ILLUMINATION ARE RECOMMENDED:
      - DEDICATED VIDEO CONFERENCE ROOMS:
        1. TABLE: 60FC HORIZONTAL, 30-35FC VERTICAL AT THE FACE
        2. FRONT (MONITOR) WALL: LESS THAN 20FC
        3. REAR & SIDE WALLS: 20-35FC (VERTICAL ILLUMINATION)

      - MULTI-PURPOSE ROOMS - VIDEO CONFERENCING
        1. UNIFORM DISTRIBUTION OF LIGHTING THROUGHOUT THE ROOM WITH MULTIPLE CONTROL ZONES FOR MAXIMUM FLEXIBILITY. HORIZONTAL LEVELS OF ILLUMINATION AT 30"AFF SHOULD RANGE BETWEEN 50-60FC.

      - AUDITORIUMS, LARGE LECTURE CLASSROOMS, LARGE CONFERENCE ROOMS WHICH INCLUDE A DESIGNATED PODIUM POSITION FOR DISTANCE LEARNING OR VIDEO CONFERENCING OF PRESENTER:

        1. AT A MINIMUM, A KEY LIGHT AND A BACK LIGHT SHOULD BE PROVIDED TO ILLUMINATE THE PODIUM POSITION. A KEY LIGHT PROVIDES THE MAIN SOURCE OF ILLUMINATION AND IS TYPICALLY A FOCUSED SOURCE OF ILLUMINATION LOCATED AT A 45 DEGREE ANGLE TO THE SUBJECT AND AT A 45 DEGREE ANGLE ABOVE THE PLANE OF THE CAMERA. THE SOURCE OF LIGHT SHOULD BE FOCUSED AND CONTROLLED TO AVOID ANY SPILL LIGHT ON FRONT PROJECTION SCREENS OR MONITORS. A BACK LIGHT IS NORMALLY LOCATED 45 DEGREE TO 60 DEGREE ABOVE THE CAMERA PLANE BEHIND THE SUBJECT. ILLUMINATING FROM THE BACK IN THIS MANNER SEPARATES THE SUBJECT FROM THE BACKGROUND AND PROVIDES DEPTH TO THE VIDEO IMAGE.

           A. KEY LIGHT: 70FC - MEASURED VERTICALLY AT THE FACE OF A SUBJECT AT THE PODIUM.
           B. BACK LIGHT: 35FC.

   b. THE GUIDELINES ABOVE ARE ONLY BASELINE CRITERIA BASED ON THE AUDIOVISUAL FUNCTIONALITY OF THE ROOM. LIGHTING FIXTURE TYPES, QUANTITIES, EXACT LOCATIONS AND ZONING SHALL BE AS SPECIFIED BY THE ARCHITECT/LIGHTING CONSULTANT/ELECTRICAL ENGINEER.
   c. THE SPECIFICATIONS SHALL BE COORDINATED WITH SYSKA HENNESSY GROUP.

5. ROOM FINISHES FOR VIDEO CONFERENCING (TO BE DISCUSSED WITH ARCHITECT)
   A. SURFACES VIEWED BY THE CAMERA WILL BE LIGHTED AND SHOULD BE COLORED TO PRODUCE A PLEASING PICTURE, SUITABLE FOR VIDEO CONFERENCING. THIS IS WITH REGARD TO THE VIDEO COMPRESSION PROCESSING AND TO AVOID DISTRACTIONS TO REMOTE SITE CONFERENCE PARTICIPANTS. VIDEO CONFERENCE ROOM GUIDELINES SHOULD BE FOLLOWED.

   B. THERE SHOULD NOT BE EXCESSIVE CONTRAST BETWEEN WALL AND FURNITURE COLORS. BLUE/GRAY MATTE COLORS ARE RECOMMENDED. BUSY PATTERNS, WEAVES AND WOOD GRAINS SHOULD BE NOT BE USED. REFLECTIVE HARDWARE, SUCH AS CHROME CHAIRS, DOOR HARDWARE OR WALL PLATES, SHOULD NOT BE USED. THE TABLETOP SHOULD HAVE A NON-REFLECTIVE, NEUTRAL COLORED FINISH. PAINTINGS WITH GLASS COVERS SHOULD BE AVOIDED. WINDOWS SHOULD BE ELIMINATED IF AT ALL POSSIBLE; OTHERWISE THEY SHOULD BE TREATED WITH APPROPRIATE LIGHT BLOCKING DRAPERY SYSTEMS.

6. NOISE CRITERIA FOR AUDIOVISUAL ROOMS
   A. NOISE WITH ALL VIDEO CONFERENCING ROOMS AS WELL AS SPACES WITH DISTANCE LEARNING REQUIREMENTS SHOULD BE MINIMIZED TO INCREASE CLARITY OF CONVERSATION BETWEEN LOCATIONS. ALL WALLS, CEILINGS AND FLOORS SHALL BE PROVIDED WITH ACOUSTICAL TREATMENT TO ABSORB UNWANTED NOISES AND MINIMIZE SOUND REFLECTION. IN ADDITION, THE ROOM MUST PASS THE FOLLOWING REQUIREMENTS:

      a. WALL TREATMENT: NRC 75
      b. SOUND TRANSMISSION: STC 55
      c. NOISE CRITERIA: NC 30 OR LESS

7. SHADE SYSTEM
   A. A LIGHT BLOCKING SHADE SYSTEM SHOULD BE PROVIDED WHERE SHOWN ON THE AUDIOVISUAL FACILITIES DRAWINGS. A MOTORIZED SHADE SYSTEM WITH MULTIPLE STATION CONTROLS IS RECOMMENDED. THE ARCHITECT SHOULD SPECIFY THE DRAPERY SYSTEM AND FABRIC.

   B. THE DRAPERY FABRIC(S) SHOULD BE HEAVY WEIGHT (20 OZ. PER SQ. YARD OR HEAVIER) FOR SOUND ABSORPTION AS WELL AS BLOCKING THE OUTSIDE LIGHT. FABRIC SAMPLES SHOULD BE FURNISHED TO THE ACOUSTICAL AND AUDIOVISUAL CONSULTANTS FOR APPROVAL.

   C. DRAPE/SHADES: MATERIALS AS SPECIFIED BY ARCHITECT.

GENERAL NOTES

1. ALL CONDUITS, SLEEVES AND OTHER OPENINGS DESIGNATED FOR AV CABLING USE, WHETHER THEY ARE UTILIZED OR NOT, SHALL BE FIRE STOPPED.

2. THE CONTRACT DRAWINGS ARE DIAGRAMMATIC IN NATURE. EXISTING CONDITIONS TO BE VERIFIED IN THE FIELD. ANY DEPARTURE FROM CONCEPT SHOWN ON THE CONTRACT DRAWINGS SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL.

3. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH NEC, LOCAL AND ALL OTHER APPLICABLE CODES.

4. ALL A/V WALL AND FLOOR-PLATES SHALL BE FLUSH MOUNTED NEXT TO ELECTRICAL OUTLETS. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL DRAWINGS AND WITH ARCHITECT.

5. WALL PLATES, FLOOR PLATES AND VOLUME CONTROLS FINISH, ENGRAVING AND BOX MOUNTING IN MILLWORK SHALL BE COORDINATED WITH AND APPROVED BY ARCHITECT AND CONSULTANT VIA SHOP DRAWINGS.

6. CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY, INSTALLATION, TERMINATION, ADJUSTMENT, AND FINAL SYSTEMS TESTING OF ALL EQUIPMENT AND REQUIREMENTS EXPRESSED IN BOTH THESE DRAWINGS AND ACCOMPANYING WRITTEN SPECIFICATION.

7. DO NOT DIMENSION EQUIPMENT LOCATIONS FROM THESE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.

8. THE CONTRACT DRAWINGS OF ALL TRADES INCLUDING ARCHITECTURAL, STRUCTURAL, HVAC, ELECTRICAL, PLUMBING, FIRE PROTECTION, IT, AV, SECURITY, ETC. ARE ALL PART OF THIS PACKAGE. THE A/V CONTRACTOR MUST REVIEW THE DRAWINGS OF OTHER TRADES AND OBTAIN PERTINENT INFORMATION THAT PERTAINS TO THE A/V WORK AND IS SHOWN OR INDICATED ON OTHER TRADE DRAWINGS. NO EXTRAS WILL BE PERMITTED DUE TO THE FAILURE OF THE CONTRACTOR TO COMPLY WITH THIS REQUIREMENT. AFTER REVIEW OF ALL DOCUMENTS IF THE CONTRACTOR FEELS SOMETHING IS NOT IN THEIR SCOPE OF WORK, THEY MUST TAKE EXCEPTION DURING THEIR BID SUBMISSION AND CLEARLY INDICATE THE SCOPE OF WORK FOR WHICH THEY ARE TAKING THE EXCEPTION.

9. THE A/V CONTRACTOR MUST MAINTAIN A RUNNING UPDATE OF ALL FIELD OR CONTRACT DOCUMENT CHANGES AND UPDATE THEIR "AS-BUILT" DRAWINGS AS AN ONGOING PROCESS.

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:20 PM

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: NONE	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	TA0.01
	SHEET 263 OF 294

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - AUDIO VISUAL COVER SHEET

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

AUDIOVISUAL CABLE AND CONNECTOR MATRIX

AUDIOVISUAL CABLE AND CONNECTOR MATRIX

CABLE TYPE	MANUFACTURER	PART #	COLOR	O.D. (INCHES)	DESCRIPTION	INSTALLATION CONNECTOR(S)													
WINDY CITY WIRE IS THE BASIS-OF-DESIGN. ACCEPTABLE ALTERNATE MUST MEET AND/OR EXCEED PERFORMANCE, MATCH COLOR AND BE EQUAL TO OR LESS THAN O.D. OF PARTS INDICATED BELOW. OTHER ACCEPTABLE MANUFACTURERS: BELDEN, COMMSCOPE, CRESTRON, EXTRON, GENERAL, GEPCO, LIBERTY OR WESTPENN.						XLR (PINS A/R), GOLD CONTACTS, SOLDER-TYPE	PHOENIX / EUROBLOCK	1/4" TRS/TS	RCA	MINI PLUG	RJ45 MOD END PLUG	SHIELDED RJ45 MOD END PLUG	110-STYLE PATCH PANEL	110-STYLE SHEILDED PATCH PANEL	COMPRESSION F-TYPE	COMPRESSION BNC-TYPE	COMPRESSION RCA-TYPE	SPEAKON
MICROPHONE	WINDY CITY WIRE	22-1PREZP-BLK	BLACK	0.135 NOM.	22AWG, 1-PAIR, SHEILDED	●	●												
LINE	WINDY CITY WIRE	22-1PREZP-BLK	BLACK	0.135 NOM.	22AWG, 1-PAIR, SHEILDED			●	●	●									
U/UTP	INSTALL PER SECTION 271513		BLACK	0.277 NOM.	23AWG, 4-PAIR, UNSHIELDED						●		●						
F/UTP	INSTALL PER SECTION 271513		BLACK	0.290 NOM.	23AWG, 4-PAIR, SHIELDED							●		●					
S/FTP	INSTALL PER SECTION 271513		BLUE	0.305 NOM.	22AWG, 4-PAIR, SHIELDED							●		●					
SPEAKER	WINDY CITY WIRE	12-02P-BLK	BLACK	0.250 NOM.	12AWG, 2-C, UNSHEILDED		●												●
SPEAKER	WINDY CITY WIRE	14-02P-BLK	BLACK	0.210 NOM.	14AWG, 2-C, UNSHEILDED		●												●
SPEAKER	WINDY CITY WIRE	16-02P-BLK	BLACK	0.184 NOM.	16AWG, 2-C, UNSHEILDED		●												●
SPEAKER	WINDY CITY WIRE	18-02P-BLK	BLACK	0.158 NOM.	18AWG, 2-C, UNSHEILDED		●												●
HD-SDI / RG6	WINDY CITY WIRE	RG6HDP-BLK	BLACK	0.235 NOM.	RG6/U, 18AWG SERIAL DATA COAXIAL										●	●	●		
50 OHM	WINDY CITY WIRE	RG58P-BLK	BLACK	0.159 NOM.	RG58/U, 20AWG COAXIAL										●	●			
50 OHM	WINDY CITY WIRE	RG8P-BLK	BLACK	0.349 NOM.	RG8/U, 12AWG COAXIAL										●	●			
ANALOG CONTROL	WINDY CITY WIRE	CRESCOMP	TEAL	0.235 NOM.	18AWG, 2C + 22AWG, 1-PAIR SHIELDED COMPOSITE CABLE		●												

NOTES:

1) ALL CABLES ARE INDICATED BY PLENUM PART NUMBERS. FURNISH AND INSTALL NON-PLENUM WHERE APPLICABLE.
2) ALL CABLING FOR AUDIOVISUAL SYSTEMS SHALL BE INCLUDED REGARDLESS IF TYPE IS LISTED OR NOT.
3) REFER TO AUDIOVISUAL APPENDIX A FOR ADDITIONAL CABLING AND PATCH CORD REQUIREMENTS.

RESPONSIBILITY MATRIX

DESCRIPTION	RESPONSIBILITY	ARCHITECT	OWNER	GENERAL CONTRACTOR	AUDIOVISUAL CONSULTANT	AUDIOVISUAL CONTRACTOR	ELECTRICAL ENGINEER	ELECTRICAL CONTRACTOR	COMMUNICATIONS CONSULTANT	COMMUNICATIONS CONTRACTOR	MECHANICAL ENGINEER	MECHANICAL CONTRACTOR	FURNITURE VENDOR	ACOUSTICAL CONSULTANT
AUDIOVISUAL RELATED CONDUITS, STANDARD BACK BOXES, FLOOR BOXES, SPECIALTY BACKBOXES, STUB-UPS, CABLE TRAY (IF NECESSARY), ELECTRIC POWER.	DESIGNED / SPECIFIED BY:				X		•							
	FURNISHED BY:							•						
	INSTALLED BY:							•						
AUDIOVISUAL RELATED TELECOM OUTLET BACKBOX LOCATION AND MOUNTING HEIGHT COORDINATION W/ ARCHITECTURE & FURNITURE.	DESIGNED / SPECIFIED BY:	•			X									
	FURNISHED BY:									•				
	INSTALLED BY:									•				
FURNITURE TABLE HATCHES, DRAWERS, CUBBIES, AND CONNECTIVITY PLATES/PANELS/MODULES	DESIGNED / SPECIFIED BY:	X			X		X		X				•	
	FURNISHED BY:												•	
	INSTALLED BY:												•	
SUPPLEMENTAL COOLING FOR AUDIOVISUAL EQUIPMENT ROOMS AND FROM CREDENZAS TO PLENUM	DESIGNED / SPECIFIED BY:	X			X						•			
	FURNISHED BY:											•		
	INSTALLED BY:											•		
SUPPLEMENTAL COOLING WITHIN EQUIPMENT RACKS AND CABINETS	DESIGNED / SPECIFIED BY:				•						X			
	FURNISHED BY:					•								
	INSTALLED BY:					•								
TELECOM SERVICE ORDERING AND COORDINATION	DESIGNED / SPECIFIED BY:		•		X	X			X	X				
	FURNISHED BY:		•											
	INSTALLED BY:		•											
NETWORK RELATED EQUIPMENT TO SUPPORT AUDIOVISUAL ETHERNET REQUIREMENTS UNLESS OTHERWISE SPECIFIED IN AUDIOVISUAL DESIGN	DESIGNED / SPECIFIED BY:		•		X				X					
	FURNISHED BY:		•											
	INSTALLED BY:		•											
WINDOW TREATMENT, I.E.: MOTORIZED BLACK OUT SHADES, DRAPES, ETC. FOR AUDIOVISUAL ROOMS	DESIGNED / SPECIFIED BY:	•			X									
	FURNISHED BY:			•										
	INSTALLED BY:			•				•						
ACOUSTICAL TREATMENT FOR CONFERENCE ROOMS; NOISE CRITERIA 25 OR LESS FOR CONF ROOMS. NC<= 30 FOR OTHER AUDIOVISUAL ROOMS.	DESIGNED / SPECIFIED BY:	•			X									•
	FURNISHED BY:			•										
	INSTALLED BY:			•										
AUDIOVISUAL RELATED FURNITURE, I.E. CONFERENCE TABLE, MILLWORK, CAMERA AND EQUIPMENT ENCLOSURES	DESIGNED / SPECIFIED BY:	•			X									
	FURNISHED BY:			•										
	INSTALLED BY:			•										
AUDIOVISUAL EQUIPMENT	DESIGNED / SPECIFIED BY:				•									
	FURNISHED BY:					•								
	INSTALLED BY:					•								
TELEPHONE AND TABLE TOP AUDIO CONFERENCING EQUIPMENT NOT DIRECTLY CONNECTED TO AUDIOVISUAL SYSTEMS	DESIGNED / SPECIFIED BY:		•											
	FURNISHED BY:		•											
	INSTALLED BY:		•											

• = PRIMARY
X = REVIEW, RECOMMEND AND PROVIDE COORDINATION

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:20 PM

Santee
DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: NONE
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
ER	HR	ER

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

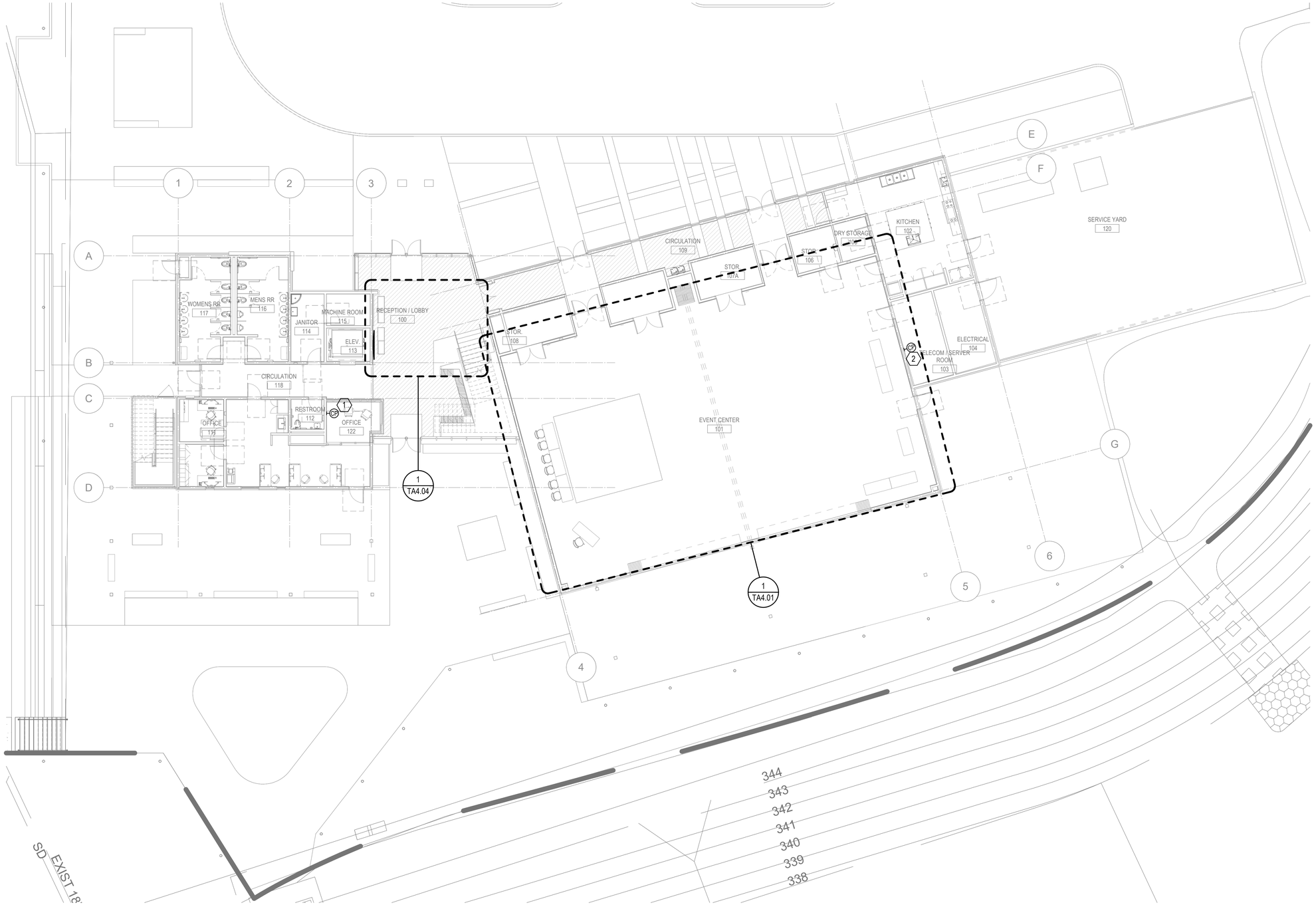
DRAWING NO.: **TA0.02**
SHEET 264 OF 294

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - AUDIO VISUAL GENERAL NOTES

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 / TA2.11 AUDIO VISUAL FLOOR PLAN - OVERALL - 1ST FLOOR
3/32" = 1'-0"

SHEET NOTES

SHEET KEYNOTES

1. CONTROL TOUCH PANEL IN OFFICE ROOM 112 LOCATION FOR RECEPTION LOBBY TV CONTROL.
2. CONTROL TOUCH PANEL IN EVENT CENTER ROOM TO CONTROL ALL OF THE TV`S FOR A LARGE EVENT.

Santee
DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:20 PM

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Taylor Annico
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

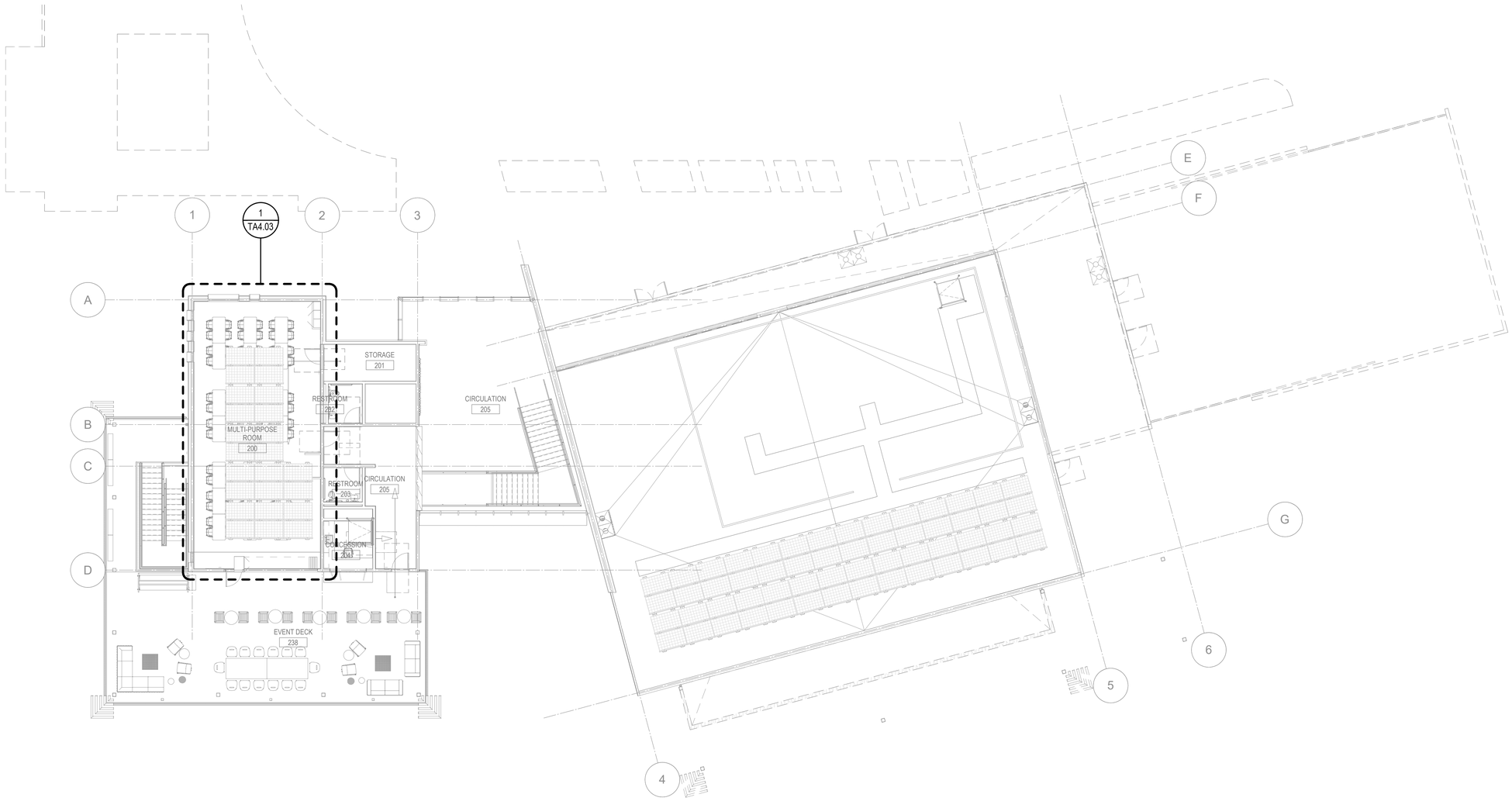
DRAWING NO.: **TA2.11**
SHEET 265 OF 294

SANTEE COMMUNITY CENTER - AUDIO VISUAL FIRST FLOOR - OVERALL

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

Keynotes:



1 / TA2.21 AUDIO VISUAL FLOOR PLAN - OVERALL - 2ND FLOOR
3/32" = 1'-0"

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEbuilt COMPANY
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08/01/2025 3:22:20 PM

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

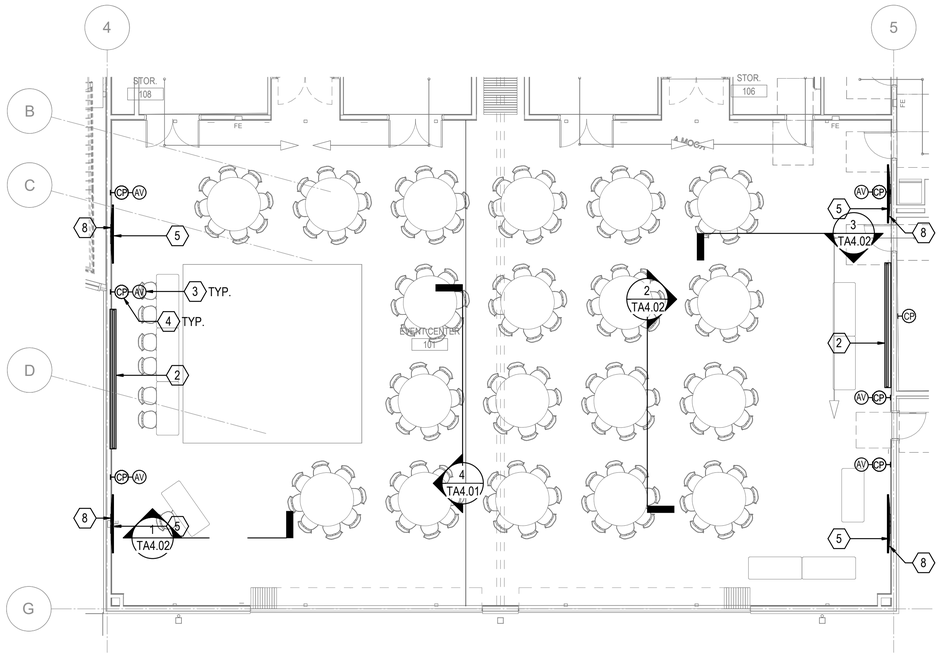
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SHEET 266 OF 294

100% CONSTRUCTION DOCUMENTS - 08/25/2023

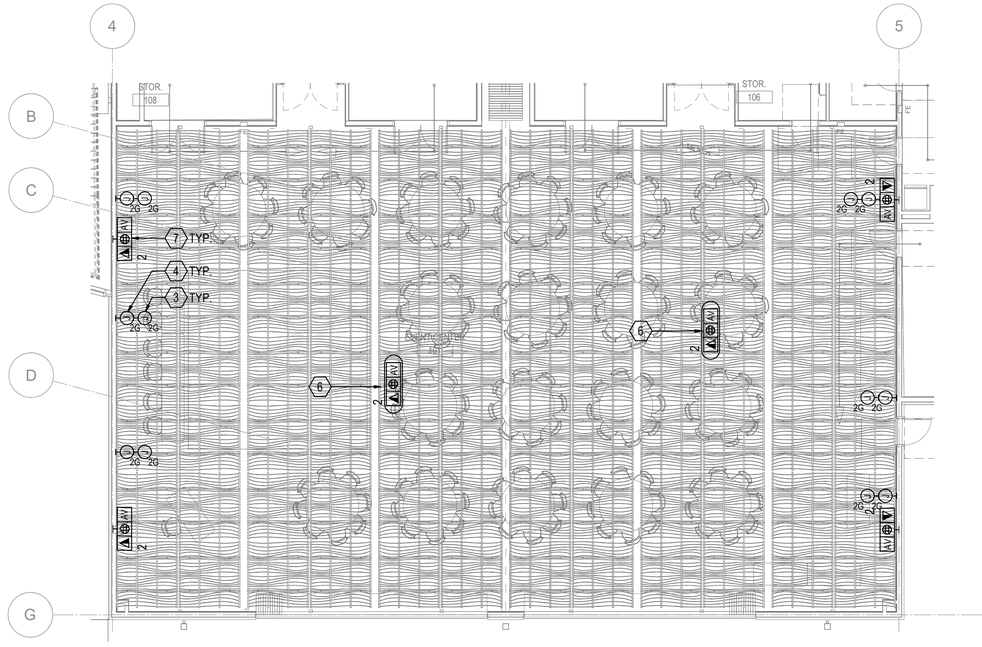
SANTEE COMMUNITY CENTER - AUDIO VISUAL SECOND FLOOR - OVERALL

Please Recycle

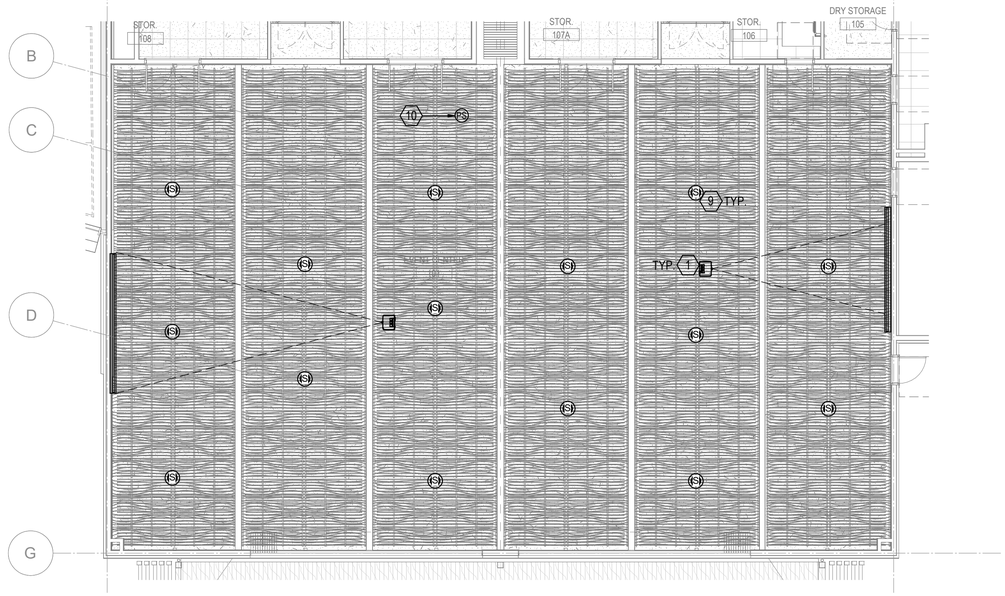
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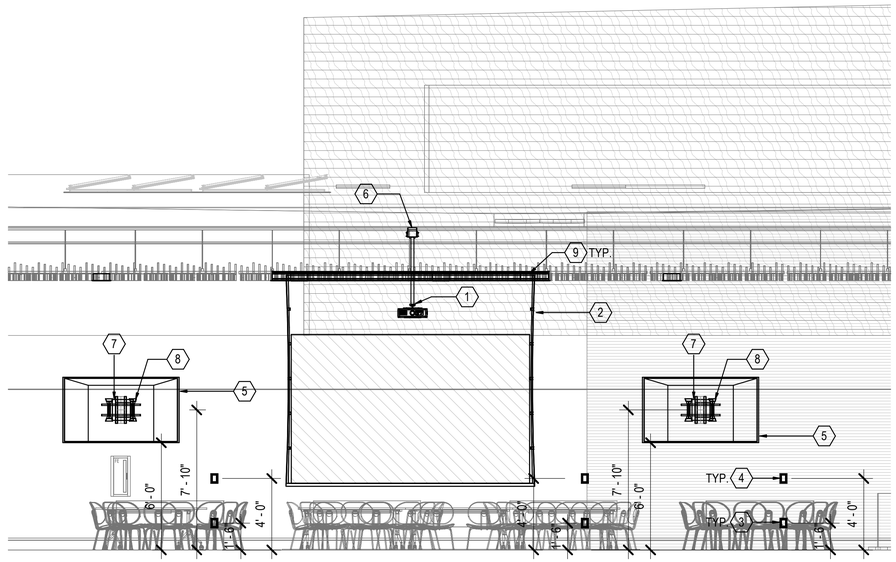
1 AUDIO VISUAL ENLARGED PLAN - EVENT CENTER 101 FACILITY PLAN
SCALE: 1/8" = 1'-0"



2 AUDIO VISUAL ENLARGED PLAN - EVENT CENTER 101 ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"



3 AUDIO VISUAL ENLARGED PLAN - EVENT CENTER 101 CEILING PLAN
SCALE: 1/8" = 1'-0"



4 EVENT CENTER 101 FRONT ELEVATION VIEW- WEST
SCALE: 1/4" = 1'-0"

SHEET NOTES

SHEET KEYNOTES

1. CEILING PENDANT PROJECTOR. INSTALL PER DETAIL TA4.02.
2. CEILING MOUNT PROJECTION SCREEN. REFER TO DETAIL TA4.02. PROVIDE WITH LV INTERFACE AND WALL SWITCH.
3. WALL MOUNT AV INPUT PLATE, WITH AV CONNECTIVITY. 2-GANG BACKBOX.
4. WALL MOUNT CONTROL TOUCH PANEL, WITH AV CONNECTIVITY. 2- GANG BACKBOX.
5. 60" FLAT PANEL DISPLAY, WALL MOUNTED. INSTALL PER DETAIL 5/TA5.01
6. CEILING MULTI-SERVICE BOX. ABOVE PROJECTOR.
7. IN-WALL MULTI-SERVICE BOX (CHIEF PAC526FWP6). BEHIND FLAT PANEL DISPLAY.
8. WALL MOUNT BRACKET FOR FLAT PANEL DISPLAY.
9. CEILING RECESSED LOUDSPEAKER.
10. PARTION SENSOR.

Santee
SO MUCH • OUR EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:21 PM

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - AUDIO VISUAL ENLARGED PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PAUL ANNICO / PROJECT ENGINEER

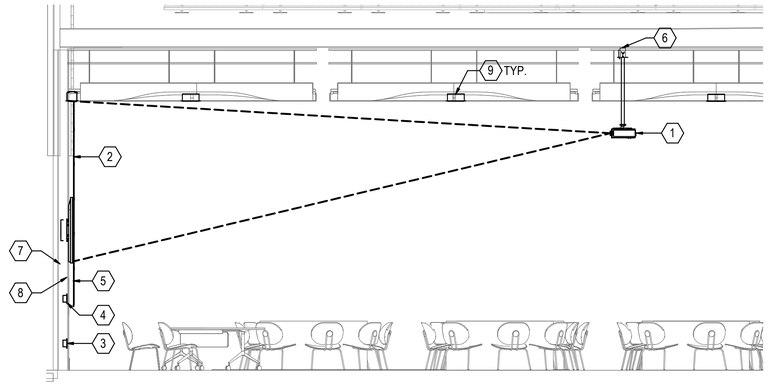
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

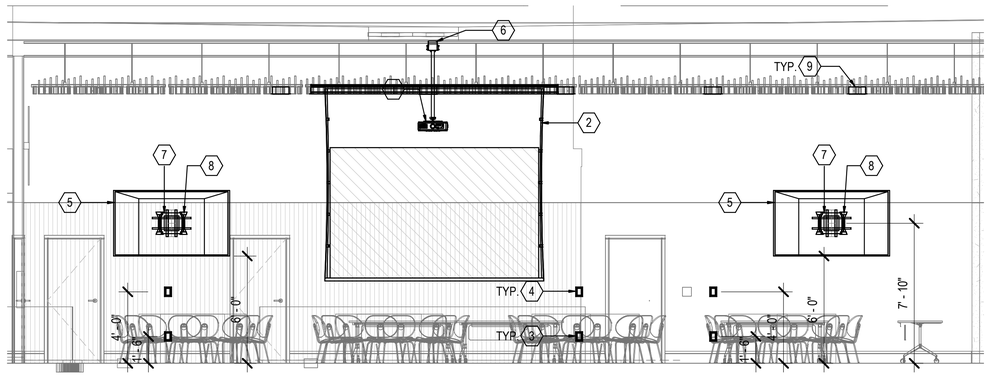
DRAWING NO.: **TA4.01**
SHEET 267 OF 294

Please Recycle

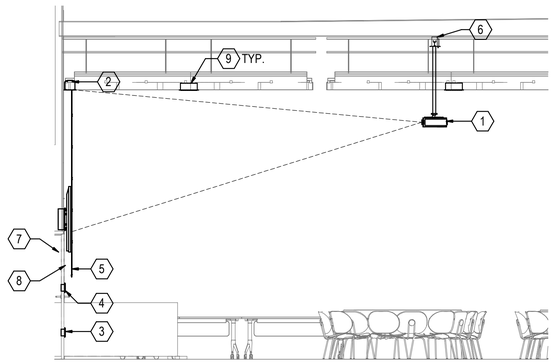
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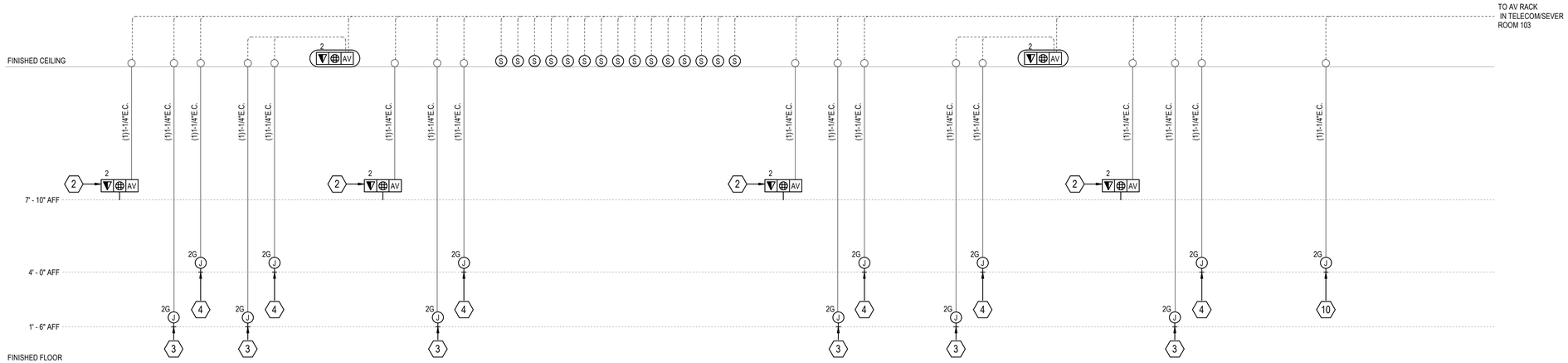
1 MULTI-PURPOSE ROOM 200 SECTION VIEW - WEST
SCALE: 1/4" = 1'-0"



2 EVENT CENTER 101 FRONT ELEVATION VIEW- EAST
SCALE: 1/4" = 1'-0"



3 MULTI-PURPOSE ROOM 200 SECTION VIEW - EAST
SCALE: 1/4" = 1'-0"



5 EVENT CENTER 101 - CONDUIT RISER DIAGRAM
SCALE: NONE

SHEET NOTES

1. PROJECTOR LOCATED BETWEEN 1.6 TO 2 X WIDTH OF THE PROJECTION SCREEN.

SHEET KEYNOTES

1. CEILING PENDANT PROJECTOR. INSTALL PER DETAIL TA4.02.
2. CEILING MOUNT PROJECTION SCREEN. REFER TO DETAIL TA4.02. PROVIDE WITH LV INTERFACE AND WALL SWITCH.
3. WALL MOUNT AV INPUT PLATE, WITH AV CONNECTIVITY. 2-GANG BACKBOX.
4. WALL MOUNT CONTROL TOUCH PANEL, WITH AV CONNECTIVITY. 2- GANG BACKBOX.
5. 95" FLAT PANEL DISPLAY, WALL MOUNTED. INSTALL PER DETAIL 5/TA5.01
6. CEILING MULTI-SERVICE BOX. ABOVE PROJECTOR.
7. IN-WALL MULTI-SERVICE BOX (CHIEF PAC526FWP6). BEHIND FLAT PANEL DISPLAY.
8. WALL MOUNT BRACKET FOR FLAT PANEL DISPLAY.
9. CEILING RECESSED LOUDSPEAKER.
10. CONTROL TOUCH PANEL WITH AV CONNECTIVITY. 2- GANG BACKBOX. IN EVENT CENTER ROOM TO CONTROL ALL OF THE TV'S FOR A LARGE EVENT.

INTERWEST
A RATHBUN COMPANY
Approved
08/01/2025 3:22:21 PM

Santee
DO RIDES & DOG EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A.Sa**dre**
Date: **Aug 22, 2025**

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - AUDIO VISUAL ENLARGED PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
ER	HR	ER

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

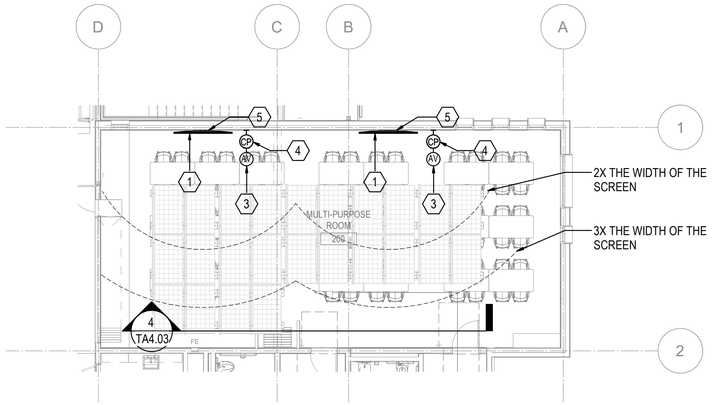
CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

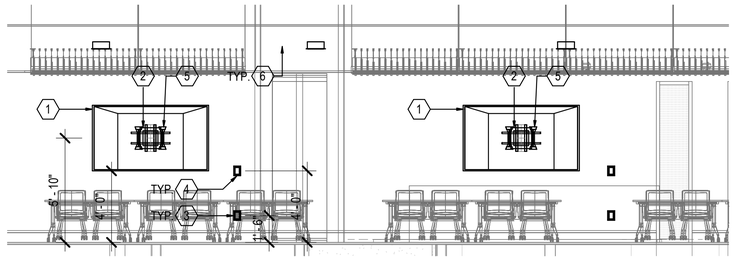
DRAWING NO.: **TA4.02**
SHEET 68 OF 294

Please Recycle

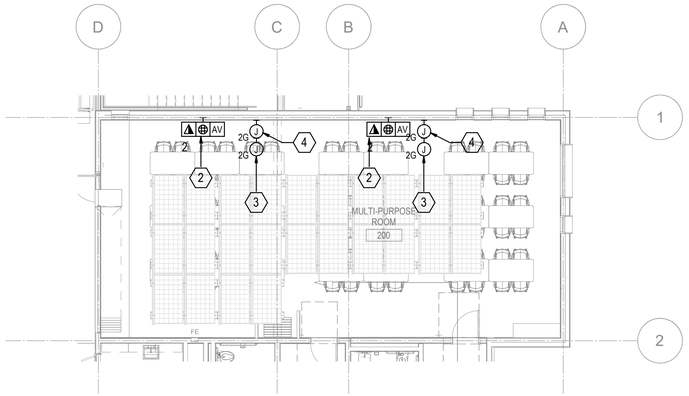
If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 AV ENLARGED PLAN - MULTI-PURPOSE ROOM 200 FACILITY PLAN
SCALE: 1/8" = 1'-0"

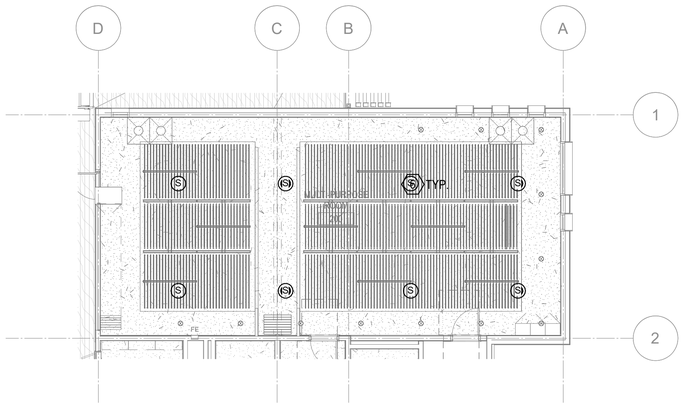


4 MULTI-PURPOSE ROOM 200 - FRONT ELEVATION VIEW
SCALE: 1/4" = 1'-0"



2 AV ENLARGED PLAN - MULTI-PURPOSE ROOM 200 ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

5 MULTI-PURPOSE ROOM 200 - CONDUIT RISER DIAGRAM
SCALE: NONE



3 AV ENLARGED PLAN - MULTI-PURPOSE ROOM 200 CEILING PLAN
SCALE: 1/8" = 1'-0"

SHEET NOTES

SHEET KEYNOTES

1. 90" FLAT PANEL DISPLAY, WALL MOUNTED. INSTALL PER DETAIL 5/TA5.01
2. IN-WALL MULTI-SERVICE BOX (CHIEF PAC526FWP6). BEHIND FLAT PANEL DISPLAY.
3. WALL MOUNT AV INPUT PLATE, WITH AV CONNECTIVITY. 2-GANG BACKBOX.
4. WALL MOUNT CONTROL TOUCH PANEL, WITH AV CONNECTIVITY. 2- GANG BACKBOX.
5. WALL MOUNT BRACKET FOR FLAT PANEL DISPLAY.
6. CEILING RECESSED LOUDSPEAKER.

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
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100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - AUDIO VISUAL ENLARGED PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024
INSPECTOR:				
DATE COMPLETED				

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

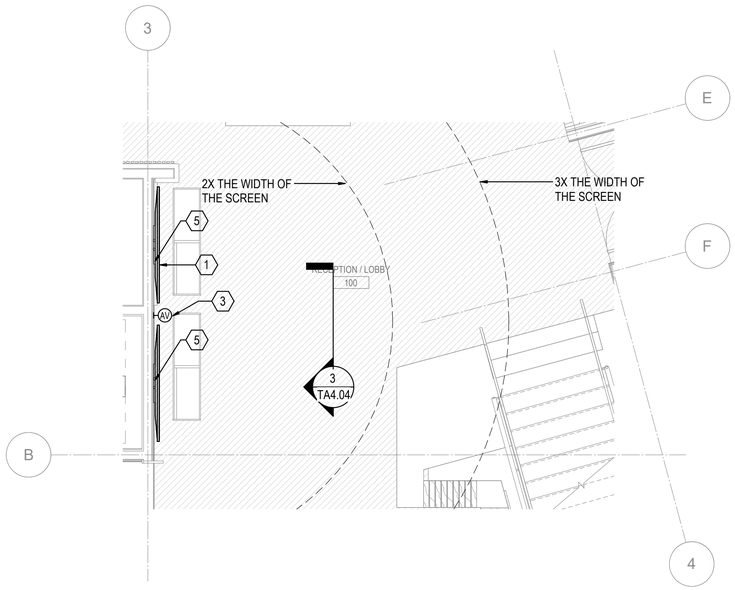
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

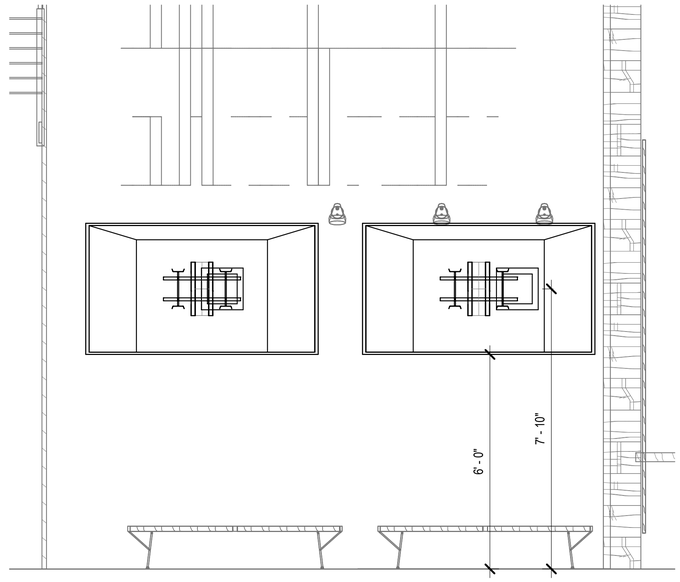
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	TA4.03
	SHEET 269 OF 294

Please Recycle

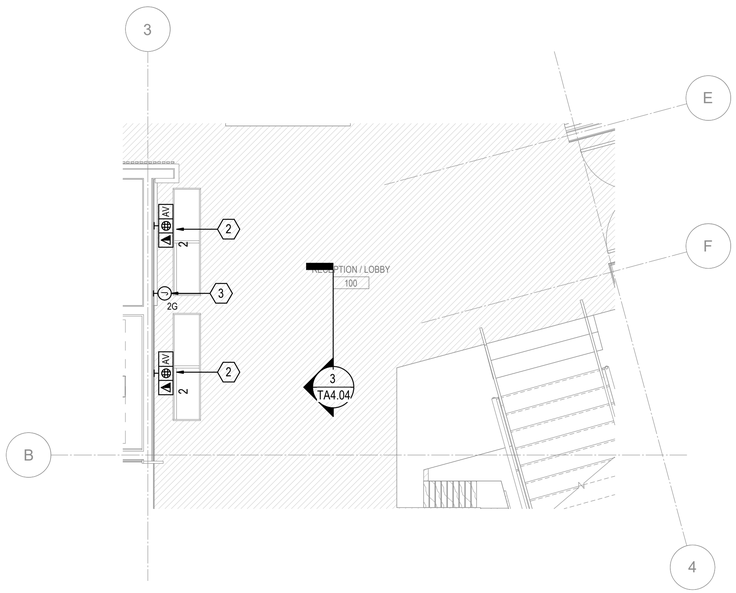
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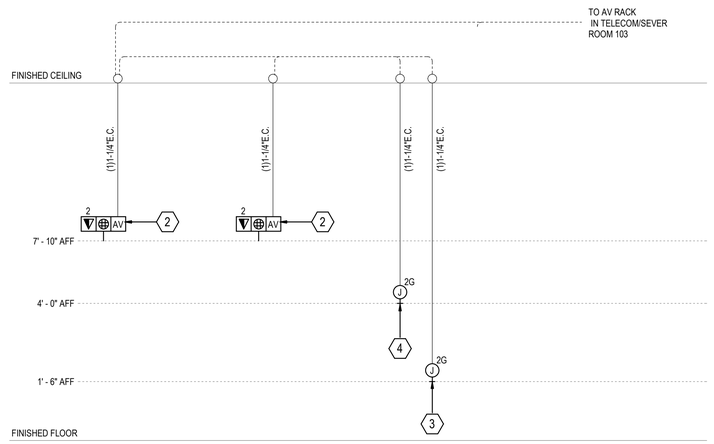
1 AUDIO VISUAL ENLARGED PLAN - RECEPTION/LOBBY 100 FACILITY PLAN
SCALE: 1/4" = 1'-0"



3 RECEPTION/LOBBY 100 - FRONT ELEVATION VIEW
SCALE: 1/2" = 1'-0"



2 AUDIO VISUAL ENLARGED PLAN - RECEPTION/LOBBY 100 ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



4 RECEPTION/LOBBY 100 - CONDUIT RISER DIAGRAM
SCALE: NONE

SHEET NOTES

SHEET KEYNOTES

1. 96" FLAT PANEL DISPLAY, WALL MOUNTED. INSTALL PER DETAIL 5/TA5.01
2. IN-WALL MULTI-SERVICE BOX (CHIEF PAC526FWP6). BEHIND FLAT PANEL DISPLAY.
3. WALL MOUNT AV INPUT PLATE, WITH AV CONNECTIVITY. 2-GANG BACKBOX.
4. WALL MOUNT CONTROL TOUCH PANEL, WITH AV CONNECTIVITY. 2- GANG BACKBOX.
5. WALL MOUNT BRACKET FOR FLAT PANEL DISPLAY.
6. CONTROL TOUCH PANEL WITH AV CONNECTIVITY. 2- GANG BACKBOX. IN OFFICE ROOM 112 TO CONTROL RECEPTION/LOBBY TV.

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

Approved
08/01/2025 3:22:21 PM

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - AUDIO VISUAL ENLARGED PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

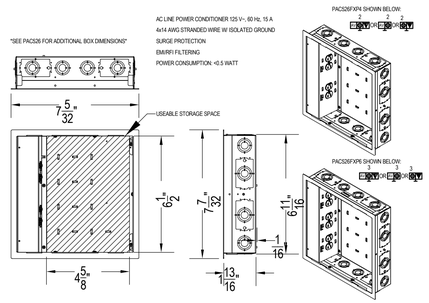
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

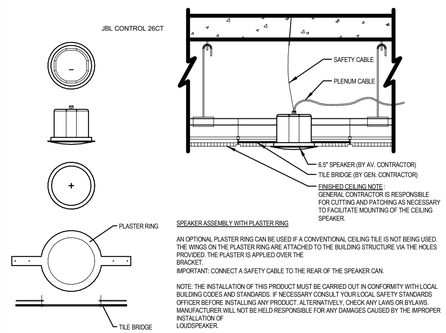
DRAWING NO.: **TA4.04**
SHEET 270 OF 294

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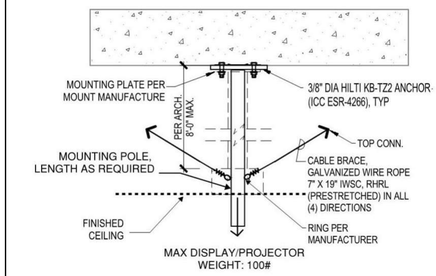
Keynotes:



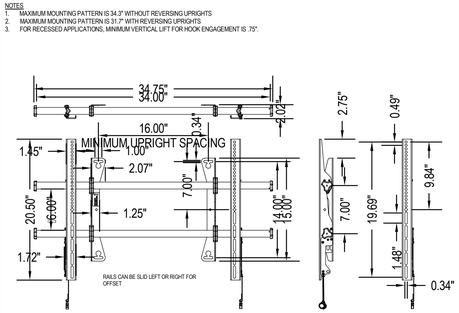
1 IN-WALL BOX FOR DISPLAY



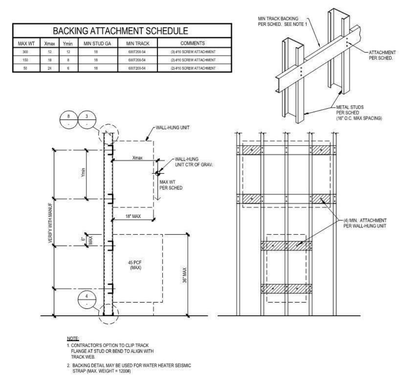
2 CEILING RECESSED LOUDSPEAKER DETAILS



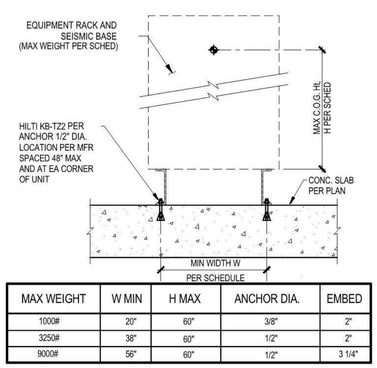
3 SUSPENDED DISPLAY/PROJECTOR ATTACHMENT



4 CHIEF LSA1U - DETAIL DRAWING

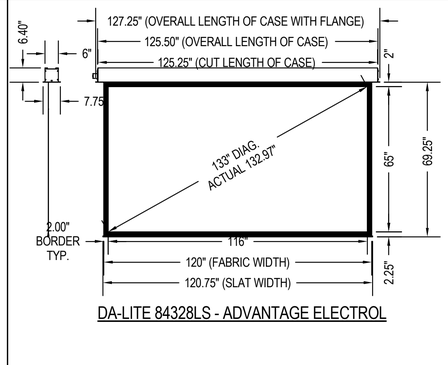


5 TYPICAL METAL STUD BACKING

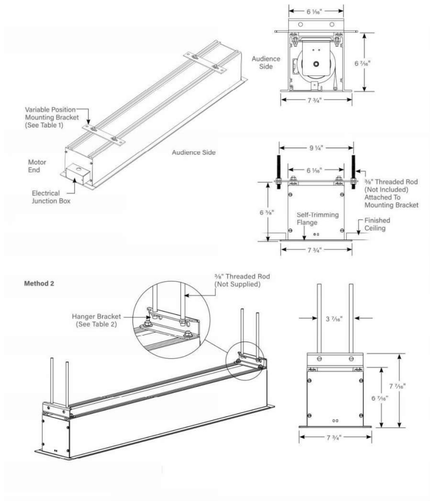


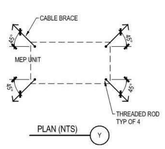
MAX WEIGHT	W MIN	H MAX	ANCHOR DIA.	EMBED
1000#	20"	60"	3/8"	2"
3250#	38"	60"	1/2"	2"
9000#	56"	60"	1/2"	3 1/4"

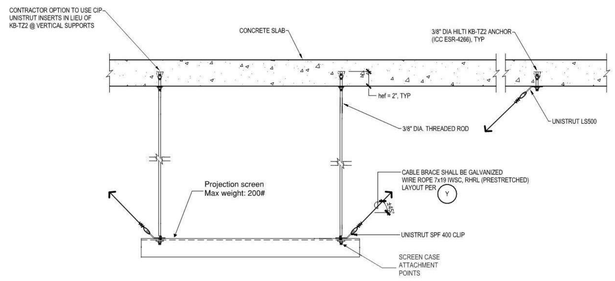
6 TYPICAL EQUIPMENT ANCHORAGE



DA-LITE 84328LS - ADVANTAGE ELECTROL







7 TYPICAL PROJECTION SCREEN FROM CONCRETE SLAB

1. 3/8" ATR, LENGTH AS REQUIRED, REFER TO DETAIL # 7/TA5.101 FOR SUSPENDED ANCHORAGE THREADED ROD AND BRACING CONNECTIONS.

9 PROJECTION SCREEN INSTALLATION

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.
APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST A NAVIGANT COMPANY
Approved
08/01/2025 3:22:21 PM

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - AUDIO VISUAL DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024			HORIZ: NONE	ER	HR	ER	IMPROVEMENT PLANS FOR:			
INSPECTOR:							VERT:	PLANS PREPARED UNDER THE SUPERVISION OF			**SANTEE COMMUNITY CENTER**		CIP 2018-31	TA5.01
DATE COMPLETED								RCE NO.	DATE / EXPIRES		REVIEWED 08/26/2025			SHEET 271 OF 294
											BY PROJECT ENGINEER			

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

ABBREVIATIONS

-A-	
ADDL	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
ALM	ALARM
APPD	APPROVED
APPX	APPENDIX
ARCH	ARCHITECT
ATCH	ATTACHMENT
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	AUDIO VISUAL, ALARM VALVE
AVG	AVERAGE
AWG	AMERICAN WIRE GAUGE
AVC	AUDIO VISUAL CONTRACTOR
-B-	
BAS	BUILDING AUTOMATION SYSTEM
BAT	BATTERY
BFF	BELOW FINISH FLOOR
BKGD	BACKGROUND
BLDG	BUILDING
BLW	BELOW / UNDERGROUND
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BSMT	BASEMENT
BSTR	BOOSTER
BTWN	BETWEEN
-C-	
C	CONDUIT
CAB	CABINET
CAT	CATEGORY
CCTV	CLOSED CIRCUIT TELEVISION
CD	CONSTRUCTION DOCUMENT, CEILING DIFFUSER
CERT	CERTIFY
CHK	CHECK
CL	CENTER LINE, CLOSE, CLOSET
CLG	CEILING
CONC	CONCRETE
CONN	CONNECT, CONNECTION
COOR	COORDINATE
CORR	CORRIDOR
CTRL	CONTROL
CTV	CABLE TELEVISION, CONTROL VALVE
-D-	
(D)	EXISTING TO BE DEMOLISHED
DDC	DIRECT DIGITAL CONTROL
DEF	DEFINITION
DEG	DEGREE
DEMO	DEMOLITION
DESCR	DESCRIPTION
DET	DETAIL
DGTL	DIGITAL
DIAG	DIAGRAM
DIM	DIMENSION
DIR	DIRECTION
DN	DOWN
DWG	DRAWING
-E-	
(E)/EX	EXISTING TO REMAIN, EXAMPLE
(ER)	EXISTING TO BE RELOCATED
EA	EACH
EC	ELECTRICAL CONTRACTOR
EF	ENTRANCE FACILITY
EIDF	EQUIPMENT INTERMEDIATE DISTRIBUTION FRAME
ELEC	ELECTRIC, ELECTRICAL
EMER	EMERGENCY
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EXCL	EXCLUDE
-F-	
F	FAHRENHEIT, FEMALE, FIRE SERVICE
FA	FIRE ALARM, FACE, FREE AREA
FAS	FIRE ALARM SYSTEM
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FL / FLR	FLOOR
FLEX	FLEXIBLE
FR	FIRE RATING, FLOOR RECEPTACLE
FREQ	FREQUENCY
FT	FOOT, FEET
FUT	FUTURE
-G-	
G	GROUND, GREEN, GAS
GC	GENERAL CONTRACTOR
-H-	
HC	HUNG OR SUSPENDED CEILING
HCC	HORIZONTAL CONNECTION CABINET
HCP	HORIZONTAL CONNECTION PANEL
HZ	HERTZ
-I-	
IDF	INTERMEDIATE DISTRIBUTION FRAME
ITSD	INFORMATION TECHNOLOGY SERVICES DIVISION
-J-	
JB	JUNCTION BOX
-L-	
LV	LOW VOLTAGE
-M-	
MAX	MAXIMUM
MDF	MAIN DISTRIBUTION FRAME
MECH	MECHANICAL
MER	MECHANICAL EQUIPMENT ROOM
MIN	MINIMUM MM MULTINODE FIBER, MINIMUM, MINUTE
MTD	MOUNTED
-N-	
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN, NUMBER
NTS	NOT TO SCALE
-P-	
P	POLE
PB	PULL BOX
PNL	PANEL
PWR	POWER
-R-	
REC	RECESSED
RECPT	RECEPTACLE
REQD	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
-S-	
SCHED	SCHEDULE
SD	SMOKE DETECTOR/DAMPER, STORM DRAIN
SECT	SECTION
SM	SINGLE-MODE FIBER
SPEC	SPECIFICATION
SPKR	SPEAKER
SYS	SYSTEM
SC	SECURITY CONTRACTOR
-T-	
TBD	TO BE DETERMINED
TC	TELECOMMUNICATION CONTRACTOR
TEL	TELEPHONE
TEBC	TELECOM EQUIPMENT BONDING CONDUCTOR
TELCOM	TELECOMMUNICATIONS
TER	TELECOMMUNICATION EQUIPMENT ROOM
TGB	TELECOM GROUNDING BUSBAR
TMGB	TELECOM MAIN GROUNDING BUSBAR
TR	TELECOMMUNICATIONS ROOM
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPRESSOR
TYP	TYPICAL
-U-	
UC	UNDERCOUNTER
UGND	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTIL	UTILITY
-V-	
V	VOLT, VENT, VIDEO
VA	VOLT AMPERE
VOLT	VOLTAGE
-W-	
W	WATT, WIRE, WALL PHONE, WIDTH, WASTE
WAP	WIRELESS ACCESS POINT
WP	WEATHERPROOF, WORKING PRESSURE
-X-	
XFER	TRANSFER
XFMR	TRANSFORMER

SYMBOLS LEGEND

ANNOTATION

1 VIEW TITLE / SCALE: NTS	PLAN TITLE NO. -1
1 TITLE / T-201 SCALE: NTS	TITLE MARK DETAIL OR PLAN NO. - 1 FOUND IN T-201
1 / T-501	DETAIL REFERENCE DETAIL NO. - 1 FOUND IN T-501
1 / T-501	SECTION MARK SECTION NO. - 1 FOUND IN T-501
2 / T-201	DETAIL BOUNDARY (RECTANGLE) DETAIL NO. - 2
1	SHEET KEYNOTE
1	REVISION CLOUD (DELTA 1)
- / #	EQUIPMENT TAG MARK - AC MARK NO. - 1-1
	POINT OF CONNECTION
	POINT OF DISCONNECTION

POWER OUTLETS

FLR	WALL	CLG	
	▼		WALL FLUSH MOUNTED OUTLET IN A DOUBLE GANG BACKBOX WITH SINGLE GANG TRIM PLATE, WITH MIN 1" CONDUIT TO ACCESSIBLE CEILING, PROVIDED BY OTHERS (FOR WALL MOUNTED TELEPHONE) 1 JACK : 4-PAIR UTP CATEGORY 6/6A CABLE TERMINATED ON A 8P8C MODULAR JACK (RJ45)
	▼		WALL FLUSH MOUNTED OUTLET IN A DOUBLE GANG BACKBOX WITH SINGLE GANG TRIM PLATE, WITH MIN 1" CONDUIT TO ACCESSIBLE CEILING, PROVIDED BY OTHERS 2 JACKS : 4-PAIR UTP CATEGORY 6 CABLES EACH TERMINATED ON A 8P8C MODULAR JACK (RJ45)
▽			FLOOR MOUNTED OUTLET IN A MULTI-GANG FLOORBOX WITH SINGLEGANG OPENING,WITH MIN 1 1/4" CONDUIT TO ACCESSIBLE CEILING ON SAME FLOOR AS OUTLET, PROVIDED BY OTHERS 2 JACKS : 2 4-PAIR UTP CATEGORY 6 CABLES EACH TERMINATED ON A 8P8C MODULAR JACK (RJ45)
		WAP ▽	CEILING MOUNTED OUTLET IN A DOUBLE GANG BACKBOX WITH SINGLE GANG TRIM PLATE, PROVIDED BY OTHERS 1 JACK : 4-PAIR UTP CATEGORY 6 CABLE TERMINATED ON A 8P8C MODULAR JACK (RJ45)
	X ▼		WALL FLUSH MOUNTED OUTLET IN A DOUBLE GANG BACKBOX WITH SINGLE GANG TRIM PLATE, WITH MIN 1 1/4" CONDUIT TO ACCESSIBLE CEILING,PROVIDED BY OTHERS X REPRESENTS NUMBER OF RJ45 JACKS - 4-PAIR UTP CATEGORY 6 CABLES EACH TERMINATED ON A 8P8C MODULAR JACK (RJ45)
X ▽			FLOOR MOUNTED OUTLET IN A DOUBLE GANG BACKBOX WITH SINGLE GANG TRIM PLATE, WITH MIN 1 1/4" CONDUIT TO ACCESSIBLE CEILING ON SAME FLOOR AS OUTLET, PROVIDED BY OTHERS X REPRESENTS NUMBER OF RJ45 JACKS - 4-PAIR UTP CATEGORY 6 CABLES EACH TERMINATED ON A 8P8C MODULAR JACK (RJ45)
	▼		FURNITURE MOUNTED OUTLET IN FURNITURE RACEWAY WITH FURNITURE MOUNTED TRIM PLATE. NOTE: COORDINATE WITH ARCHITECT FOR FURNITURE MOUNTING TYPE.
		TV	CEILING MOUNTED OUTLET IN A DOUBLE GANG BACKBOX WITH SINGLE GANG TRIM PLATE, WITH MIN 1" CONDUIT TO ACCESSIBLE CEILING, PROVIDED BY OTHERS COORDINATE MOUNTING HEIGHT AND LOCATION WITH SECURITY DRAWINGS AND CONTRACTOR. 1 JACK : 4-PAIR UTP CATEGORY 6 CABLE TERMINATED ON A 8P8C MODULAR JACK (RJ45)
		TV	WALL MOUNTED OUTLET IN A DOUBLE GANG BACKBOX WITH SINGLE GANG TRIM PLATE, WITH MIN 1" CONDUIT TO ACCESSIBLE CEILING PROVIDED BY OTHERS COORDINATE MOUNTING HEIGHT AND LOCATION WITH SECURITY DRAWINGS AND CONTRACTOR. 1 JACK : 4-PAIR UTP CATEGORY 6 CABLE TERMINATED ON A 8P8C MODULAR JACK (RJ45)
	F	F	PROVIDE ONE 2-PORT SURFACE MOUNTED ENCLOSURE FOR FIXED CAMERA; 1 JACK: 4-PAIR UTP CATEGORY 6 CABLE TERMINATED ON A 8P8C MODULAR JACK (RJ45). PROVIDE BLANKING PLATE FOR UNUSED PORT; 'P' DESIGNATE PENDANT MOUNTING. 'WP' DESIGNATE WEATHER PROOF. PROVIDE 20'-0" OF COILED SLACK ABOVE CEILING/WALL FOR CONNECTION. PROVIDE OUTDOOR RATED CABLING WHERE REQUIRED.
	F	F	PROVIDE ONE 2-PORT SURFACE MOUNTED ENCLOSURE MILTI-VIEW FIXED CAMERA; 1 JACK: 4-PAIR UTP CATEGORY 6 CABLE TERMINATED ON A 8P8C MODULAR JACK (RJ45); PROVIDE BLANKING PLATE FOR UNUSED PORT. 'P' DESIGNATE PENDANT MOUNTING. 'WP' DESIGNATE WEATHER. PROVIDE 20'-0" OF COILED SLACK ABOVE CEILING/WALL FOR CONNECTION. PROVIDE OUTDOOR RATED CABLING WHERE REQUIRED.

OTHER OUTLETS

FLR	WALL	CLG	
	(P)(V)		SYSTEM FURNITURE FEED FOR TELECOMMUNICATION CABLES, PROVIDE BY OTHERS. (SHOWN FOR REFERENCE ONLY)
	C		CONVENIENCE DUPLEX RECEPTACLE (BY DIV. 26) (SHOWN FOR REFERENCE ONLY)
	SEC		DEDICATED SECURITY DUPLEX RECEPTACLE (BY DIV. 26) (SHOWN FOR REFERENCE ONLY)
			QUAD RECEPTACLE (BY DIV. 26) (SHOWN FOR REFERENCE ONLY)
			SIMPLEX RECEPTACLE (BY DIV. 26) (SHOWN FOR REFERENCE ONLY)
	CLK		DUPLEX AC POWER OUTLET 120V, 20A, UNLESS OTHERWISE NOTED. 'CLK' INDICATES RECESSED CLOCK-TYPE OUTLET
	(J)#		WALL MOUNTED JUNCTION BOX (SUBSCRIPT DENOTES NUMBER OF GANG), MOUNTED AT SAME HEIGHT AS ASSOCIATED AV INPUT PANEL, TV INPUT PANEL, OR VOLUME / SIGNAL SELECTION PANEL UNLESS OTHERWISE NOTED.
	CT		CONDUIT TERMINATION BOX MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED. SIZED TO ACCOMODATE INCOMING CONDUIT (BY OTHERS)
	C		WALL MOUNTED VTC CAMERA
			WALL MOUNTED CLOCK

SECURITY DEVICES

NOTE: SYMBOLS SHOWN FOR REFERENCE ONLY, REFER TO SPECIFICATIONS BOOKLET FOR MANUFACTURER AND MODEL NUMBER OF ALL SECURITY EQUIPMENT.
T.C. TO PROVIDE SINGLE DATA PORT FOR CONNECTIVITY
E.C. REFERS TO ELECTRICAL CONTRACTOR

SYMBOL	DESCRIPTION
CR	CREDENTIAL READER
DC	DOOR CONTACT
DR	DOOR RELEASE BUTTON
DB	DURESS BUTTON
KP	KEYPAD
LA	LOCAL ALARM ANNUNCIATOR
MD	MOTION DETECTOR
CPS	CAMERA POWER SUPPLY E.C. TO PROVIDE (1) 20A DEDICATED CIRCUIT WITH ISOLATED GROUND
GR	GATE RELEASE
LPS	LOCK POWER SUPPLY E.C. TO PROVIDE (1) 20A DEDICATED CIRCUIT WITH ISOLATED GROUND
NS	NETWORK SWITCH (PROVIDED BY OWNER)
NVR	NETWORK VIDEO RECORDER. PROVIDED BY OWNER WITH COORDINATION OF ONTRACTOR FOR STORAGE CALCULATIONS
SCP	SECURITY CONTROL PANEL T.C. TO PROVIDE SINGLE DATA PORT FOR CONNECTIVITY E.C TO PROVIDE (1) 20A DEDICATED CIRCUIT WITH ISOLATED GROUND
SM	SECURITY MONITORING STATION (PROVIDED BY OWNER)

GENERAL NOTES

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2. THE CONTRACTOR SHALL ADHERE TO ALL BUILDING RULES AND REGULATIONS.
3. THESE COMMUNICATIONS DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE COMMUNICATIONS SPECIFICATIONS DOCUMENT. SHOULD THERE BE ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE CONTRACTOR SHALL BRING IT TO THE IMMEDIATE ATTENTION OF THE CONSTRUCTION MANAGER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ANY DISCREPANCIES BETWEEN THESE CONTRACT DRAWINGS AND ACTUAL FIELD CONDITIONS. ANY DISCREPANCIES ARE TO BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER.
5. ALL CONDUITS AND SLEEVES DESIGNATED FOR COMMUNICATIONS USE, WHETHER THEY ARE UTILIZED BY THE CONTRACTOR OR NOT, SHALL BE FIRE STOPPED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER TRADES AND DRAWINGS. FURTHERMORE, THE CONTRACTOR SHALL COORDINATE THE SEQUENCE OF WORK WITH THE CONSTRUCTION MANAGER.
7. BACKBOXES, CONDUITS, STUB-UPS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
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9. THE ENTIRE CABLE PLANT SHALL BE TESTED AS OUTLINED IN THE SPECIFICATIONS.
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13. THE CONTRACTOR MUST MAINTAIN A RUNNING UPDATE OF ALL FIELD OR CONTRACT DOCUMENT CHANGES AND UPDATE HIS "AS BUILT" DRAWINGS AS AN ONGOING PROCESS.
14. ALL EQUIPMENT, CABLING, RACEWAY, ETC. SHALL BE GROUNDED IN ACCORDANCE WITH THE SPECIFICATIONS AND ANSI J-STD-607-A. PROVIDE GROUND CONDUCTORS, GROUND CLAMPS, COMPRESSION TAPS, LUGS, ETC, AS REQUIRED FOR CONNECTION TO THE TELECOMMUNICATIONS GROUNDING AND BONDING SYSTEM (AS REQUIRED). TELECOMMUNICATIONS GROUNDING AND BONDING SYSTEM SHALL BE PROVIDED BY DIVISION 26, INCLUDING BUT NOT LIMITED TO: BONDING CONDUCTOR FOR TELECOMMUNICATIONS, TELECOMMUNICATIONS MAIN GROUNDING BUSBAR, TELECOMMUNICATIONS BONDING BACKBONE, TELECOMMUNICATIONS GROUNDING BUSBAR(S), GROUNDING EQUALIZER AND BONDING CONDUCTORS TO BUILDING STEEL (WHERE APPLICABLE), POWER PANELS (WHERE APPLICABLE) AND CONDUITS.
15. CONTRACTOR TO COORDINATE WITH SECURITY DRAWINGS, UNDER GROUND PACKAGE DRAWINGS AND SITE PLANS FOR CABLING DISTRIBUTION TO SITE PLAN CCTV CAMERAS.

SHEET INDEX

NO.	TITLE	SCALE
T0.00	TECHNOLOGY & SECURITY COVER SHEET	NONE
T0.01	TECHNOLOGY & SECURITY GENERAL NOTES	NONE
T2.00	TECHNOLOGY & SECURITY SITE PLAN	3/32" = 1'-0"
T2.11	TECHNOLOGY & SECURITY 1ST FLOOR - FLOOR PLAN	3/32" = 1'-0"
T2.21	TECHNOLOGY & SECURITY 2ND FLOOR - FLOOR PLAN	3/32" = 1'-0"
T3.11	TECHNOLOGY & SECURITY 1ST FLOOR - REFLECTED CEILING PLAN	3/32" = 1'-0"
T3.21	TECHNOLOGY & SECURITY 2ND FLOOR - REFLECTED CEILING PLAN	3/32" = 1'-0"
T4.01	TECHNOLOGY & SECURITY ENLARGED PLANS	AS NOTED
T5.01	TECHNOLOGY & SECURITY DETAILS	NONE
T5.02	TECHNOLOGY & SECURITY DETAILS	NONE
T6.01	TECHNOLOGY & SECURITY RISER DIAGRAM	NONE

Santee — SO MUCH TO DISCOVER

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Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST — A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:21 PM

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY COVER SHEET

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: NONE
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
ER	HR	ER

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **T0.00**
SHEET 72 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

100% CONSTRUCTION DOCUMENTS - 08/25/2023

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13. THE CONTRACTOR MUST MAINTAIN A RUNNING UPDATE OF ALL FIELD OR CONTRACT DOCUMENT CHANGES AND UPDATE HIS "AS BUILT" DRAWINGS AS AN ONGOING PROCESS.
14. CONTRACTOR TO COORDINATE WITH SECURITY DRAWINGS, UNDER GROUND PACKAGE DRAWINGS AND SITE PLANS FOR CABLING DISTRIBUTION TO SITE PLAN CCTV CAMERAS
15. ALL TELECOMMUNICATIONS PROVISION INCLUDING BUT NOT LIMITED TO EQUIPMENT, CABLING AND RACEWAYS SHALL BE GROUNDED IN ACCORDANCE WITH ANSI/TIA 607-D STANDARDS. GROUNDING TO BE PROIVDED UNDER DIVISION 26 SCOPE OF WORK. COORDINATE TELECOMMUNICATIONS CONTRACTOR TO COORDINATE GROUNDING SCOPE OF WORK.

DIVISION OF WORK

1. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT, RACEWAY, BACKBOXES AND ELECTRICAL POWER REQUIRED FOR IMPLEMENTATION OF THE SECURITY SYSTEM. ELECTRICAL CONTRACTOR SHALL COORDINATE FINAL LOCATIONS, SIZES AND QUANTITIES OF CONDUIT, RACEWAYS AND BACKBOXES WITH SECURITY CONTRACTOR AND ARCHITECT.
2. SECURITY CONTRACTOR SHALL COORDINATE ALL POWER REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
3. SECURITY CONTRACTOR SHALL PROVIDE AND INSTALL ALL SECURITY DEVICES, PANELS, CABLING AND OTHER DEVICES REQUIRED FOR IMPLEMENTATION OF THE SECURITY SYSTEM, WITH THE EXCEPTION OF THE DEVICES LISTED ABOVE AS PROVIDED BY THE ELECTRICAL AND GENERAL CONTRACTORS.
4. SECURITY CONTRACTOR SHALL COORDINATE FINAL LOCATIONS, SIZES AND QUANTITIES OF CONDUIT, RACEWAYS AND BACKBOXES WITH THE ELECTRICAL CONTRACTOR AND ARCHITECT.
5. ALL DATA OUTLETS FURNISHED AND INSTALLED BY TELECOMMUNICATIONS CONTRACTOR.

SECURITY GENERAL NOTES

1. UNLESS OTHERWISE SPECIFIED, ALL CONDUIT TO BE 1 1/4" ELECTROMETALLIC TUBING (EMT) AND RUN WITHIN WALLS.
2. DOOR DETAILS ARE TYPICAL FOR CONDUIT AND BACK BOX EMT REQUIREMENTS. REFER TO FLOOR PLANS FOR ACTUAL DEVICE LOCATION AT EACH DOOR.
3. ALL JUNCTION BOXES SHALL BE MOUNTED ON THE PROTECTED SIDE OF THE DOOR.
4. WHERE NO FINISHED CEILING EXISTS, JUNCTION BOXES OVER DOORS SHALL BE PLACED AT LEAST NINE INCHES FROM BOTTOM OF BOX TO TOP OF DOOR AS SPACE PERMITS. BOX COVER TO BE ACCESSIBLE. COORDINATE LOCATION WITH OTHER TRADES.
5. RECESSED CONTACTS SHALL BE INSTALLED WITHIN SIX INCHES FROM LATCH SIDE OF DOOR. HANDIBOX SHALL BE CENTERED ON CONTACT LOCATION. WIRING FOR DEVICES ON DOUBLE DOORS SHALL BE RUN THROUGH HOLLOW METAL FRAMES.
6. THE GC SHALL PROVIDE AND INSTALL NECESSARY DOOR LOCKING HARDWARE WHICH IS TO BE INSTALLED TO THE INSIDE JAMB AND TESTED PRIOR TO THE SECURITY CONTRACTOR'S ARRIVAL. SC TO COORDINATE AS REQUIRED.
7. DOOR HARDWARE AND WIRING TO THE HINGE IS THE RESPONSIBILITY OF THE GC. SC SHALL MAKE THE INTERCONNECTIONS OF THE GC PROVIDED LOCKING HARDWARE TO THE SECURITY SYSTEM(S).
8. FOR INSTALLATION OF ELECTROMAGNETIC LOCKS, ELECTRIFIED MORTISE LOCKS AND ELECTRICAL STRIKES, FOLLOW MANUFACTURER'S INSTRUCTIONS.
9. SECURITY DEVICES SHALL BE MOUNTED ON BACKBOXES, AS SHOWN IN INSTALLATION DETAILS, UNLESS OTHERWISE NOTED. CONDUITS, PULL STRINGS, BACKBOXES AND BUSHINGS SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
10. SECURITY CONTRACTOR SHALL COORDINATE FINAL QUANTITIES, LOCATIONS AND STYLES WITH ELECTRICAL CONTRACTOR AND ARCHITECT.
11. PANEL COUNTS AND CONNECTIONS ARE FOR REFERENCE ONLY. CONFIRM ALL COUNTS AND PANEL LAYOUT BASED ON DEVICE COUNTS.
12. ALL FIBER IF REQURIED, IS PROVIDED BY SERVICE PROVIDER COX OR ATT.
13. SECURITY CABLING SHALL BE COMPLETED BY THE SC UNLESS OTHERWISE NOTED. CABLE SHALL BE INSTALLED FROM THE IDF TO THE DOOR THAT IT SERVICES WITH AN APPROPRIATE SERVICE LOOP AT EACH END TO REACH FIELD DEVICES.
14. NETWORK CABLE FOR VIDEO CAMERAS SHALL BE PROVIDED BY THE TC AND IS TO BE TERMINATED AND TESTED PRIOR TO THE INSTALLATION OF CAMERAS. HORIZONTAL CABLING SHALL BE TERMINATED AT THE IDF TO THE PATCH PANEL AND LABELED AS "CAM#" THAT CORRELATES TO THE CAMERA NUMBER IDENTIFIED ON THE SECURITY DRAWINGS.
15. THE FIELD END OF NETWORK CABLE FOR VIDEO CAMERAS SHALL TERMINATE TO A SINGLE JACK IN A 2-PORT SURFACE MOUNTED OUTLET WITH BLANKING PLATE AND LABELED IN THE SAME MANNER AS THE PATCH PANEL. A 3-METER PATCH CORD SHALL BE INSTALLED IN THE JACK TO ALLOW EXACT PLACEMENT OF THE CAMERAS.
16. SECURITY SYSTEMS & EQUIPMENT SHALL BE INSTALLED UTILIZING OWNER IT NETWORK INFRASTRUCTURE STANDARDS. IP INFORMATION IS TO BE PROVIDED TO THE SC BY THE OWNER.
17. VIDEO CAMERAS SHALL BE CONNECTED TO SC PROVIDED RACK MOUNTED NETWORK SWITCHES IN IDF CLOSETS. NETWORK SWITCHES SHALL BE CONNECTED TO THE VIDEO SURVEILLANCE SYSTEM SERVER IN THE MDF. VIDEO SURVEILLANCE SYSTEM SERVER SHALL BE CONNECTED TO THE OWNER IT NETWORK.

TELECOMMUNICATIONS ROLES AND RESPONSIBILITIES

TELECOMMUNICATIONS ROLES AND RESPONSIBILITIES					
	TC	AVC	OWNER	GC	EC
MDF / IDF PLYWOOD BACKBOARD				F/I	
MDF / IDF LADDER RACK	F/I				
WORK AREA CABLE DISTRIBUTION LADDER RACK	F/I				
J-HOOKS	F/I				
BASKET TRAYS	F/I				
SLEEVES AND CONDUITS					F/I
STUB-UPS AND BACK BOXES					F/I
TELECOMMUNICATIONS GROUND BUSBAR					F/I
MAIN BUILDING GROUND TO TMGB					F/I
ELECTRICAL CIRCUITS					F/I
POWER DISTRIBUTION UNIT (PDU)	F/I				
UNINTERRUPTED POWER SUPPLY (UPS)	F/I				
4-PAIR UTP CABLING	F/I				
18-2 SPEAKER CABLING		F/I			
IDF TERMINATION HARDWARE	F/I				
WIRE MANAGEMENT PANELS (VERTICAL & HORIZONTAL)	F/I				
NETWORK EQUIPMENT	I		F		
WAPS	I		F		
PATCH CORDS	F/I				
STATION TERMINATION COMPONENTS	F/I				
TESTING AND CERTIFICATION PROCESS	F				
IT AS-BUILT DOCUMENTATION	F				

F = FURNISH
I = INSTALL

SECURITY ROLES AND RESPONSIBILITIES

SECURITY ROLES AND RESPONSIBILITIES					
	SC	TC	OWNER	GC	EC
ACCESS CONTROL PANELS	F/I				
ACCESS CONTROL SERVERS	F/I				
ACCESS CONTROL POWER SUPPLIES & BATTERIES	F/I				
ACCESS CONTROL SOFTWARE	F/I				
3/4" PLYWOOD				F/I	
CARD READERS	F/I				
REQUEST TO EXIT DEVICES	F/I				
DOOR CONTACTS	F/I				
ACCESS CONTROL ADMIN WORKSTATIONS	*		F/I		
DOOR PREPARATION FOR SECURITY DEVICES	*			F/I	
ELECTRIC STRIKES (DOOR HARDWARE BY GC)	*			F/I	
ELECTRIC LOCKSETS (DOOR HARDWARE BY GC)	*			F/I	
MAGLOCK (DOOR HARDWARE BY GC)	*			F/I	
VMS SERVERS	I		F		
VMS SOFTWARE	I		F		
UPS POWER	*	I	F		
KVM SWITCHES		I	F		
POE NETWORK SWITCHES	*	I	F		
IP DOME CAMERAS	I**		F**		
SURVEILLANCE SYSTEM VIEWING WORKSTATIONS	F/I				
FIRE ALARM RELAY	F/I				
120V HARD WIRED ELECTRICAL CONNECTIONS	*				F/I
CONDUIT, BACK BOXES AND JUNCTION BOXES	*				F/I
SECURITY WALL FIELD TROUGH	F/I				

F = FURNISH
I = INSTALL
* = COORDINATE AS REQUIRED
** = COORDINATE WITH OWNER ICT PM FOR FINAL REQUIREMENTS. CONTRACTOR TO PROVIDE AN ALTERNATE PRICING FOR FURNISHING THE EQUIPMENT

Santee
GO WHERE YOU'RE LIKELY
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A TechStory company
Approved
08/01/2025 3:22:21 PM

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY GENERAL NOTES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: NONE
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
ER	HR	ER

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

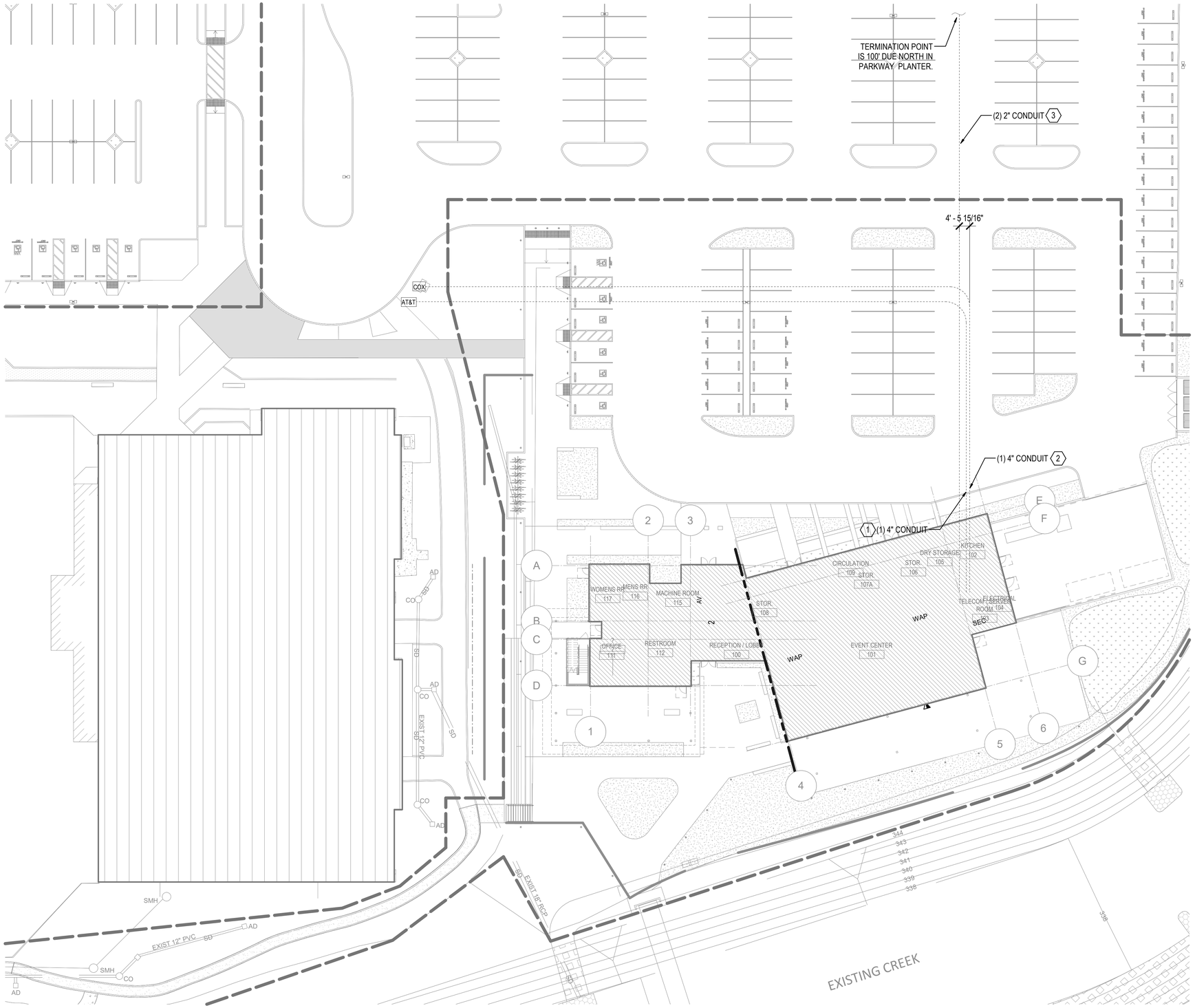
CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: T0.01
SHEET 273 OF 294

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1 / T2.00 TECHNOLOGY & SECURITY SITE BUILDING PLAN
3/64" = 1'-0"

Keynotes:

1. COORDINATE FINAL PLACEMENT WITH CAREER WHERE IS POC FOR AT&T.
2. IDENTIFY POC TO COX FROM TELECOM ROOM.
3. FIBER OPTIC NETWORK FROM CITY POINT OF CONNECTION IS PULL BOX LOCATED BEHIND CURB ON RIVERWALK DRIVE IN ALIGNMENTMENT WITH CONDUIT SHOWN ON THIS SHEET. CONNECT AND TERMINATE INTO COMMUNICATION ROOM.

Notes:

1. MAINTAIN A MINIMUM BEND RADIUS EQUAL TO PUBLISHED REQUIREMENTS OF THE MANUFACTURER OF THE CABLING, OR A MINIMUM OF SIX-INCH BEND RADIUS DURING AND AFTER INSTALLATION.
2. MAINTAIN MANUFACTURER'S PUBLISHED GUIDELINES FOR PULLING TENSION.
3. PLACE CABLES WITHOUT KINKS, TWISTS, OR IMPACT DAMAGE TO THE SHEATH. REPLACE CABLE IF DAMAGED DURING INSTALLATION.
4. PROVIDE A PULL STRING ALONG WITH CABLES WHEN ROUTING THROUGH CONDUIT. TIE OFF ENDS OF PULL STRING IN ACCESSIBLE CEILING SPACE TO PREVENT THE STRING FROM FALLING INTO THE CONDUIT OR BECOMING INACCESSIBLE.
5. PROVIDE A PULL STRING IN ANY EMPTY TELECOMMUNICATION, SECURITY, OR AUDIOVISUAL CONDUIT. CONDUIT MUST BE PROVIDED BY INSTALLING CONTRACTOR.
6. EC TO PROVIDE CONDUIT SLEEVES TROUGH FULL HEIGHT WALLS TO ENSURE PATHWAY FOR COMMUNICATIONS CABLING. REFER TO ARCHITECTURAL PLANS FOR PARTITION TYPES AND WALL HEIGHTS.
7. EC TO VERIFY EXACT LOCATIONS FOR ALL CONDUITS, SLEEVES, QUANTITIES REQUIRED FOR ALL LOW VOLTAGE CABLING.
8. EC TO PROVIDE PULL BOX FOR CONDUIT RUNS EXCEEDING 100 FEET IN LENGTH OR CONDUIT RUNS CONTAINING BENDS TOTALING 180 DEGREES.
9. LOW VOLTAGE LOCATIONS (BACKBOXES) MOUNTED BACK TO BACK SHALL BE STAGGERED ENSURING ADEQUATE BACK SPACING
11. DATA OUTLET SHALL PULL CORD FOR NINotSesT:ALLATION OF LOW VOLTAGE CABLE.
12. TECHNOLOGY & SECURITY 1ST FLOOR - FLOOR PLAN COORDINATE WITH ARCHITECTURAL AND ELECTRICAL PLANS FOR PLACEMENT OF COMMUNICATIONS OUTLETS

Santee — DO MORE • DUE EAST

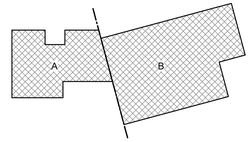
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22**, 202**5**

INTERWEST — A NORTHLIGHT COMPANY
Approved
08/01/2025 3:22:21 PM

KEY PLAN:



PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY SITE PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

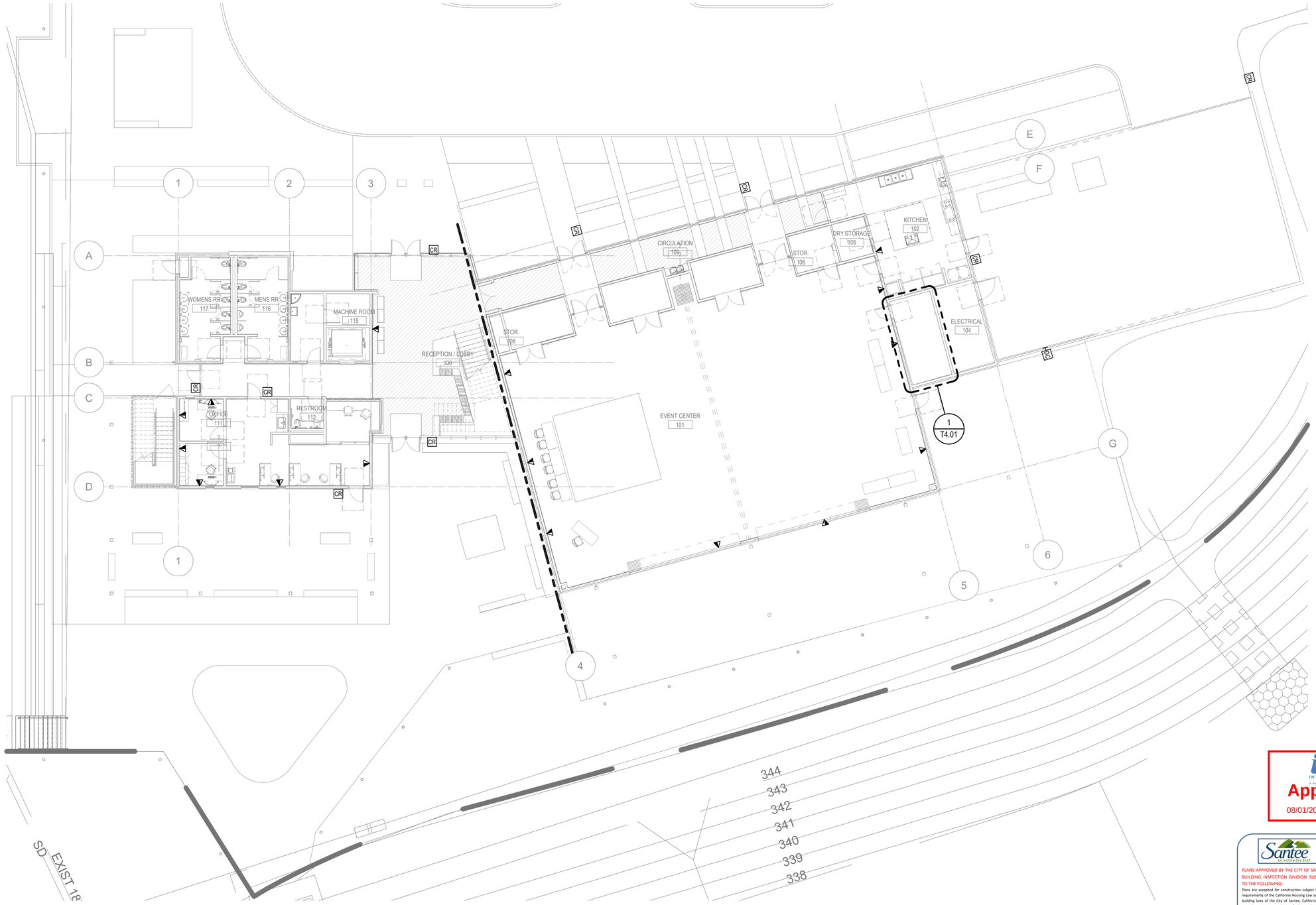
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/64" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY Paula Iannuzzo PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**T2.00**
	SHEET 274 OF 294

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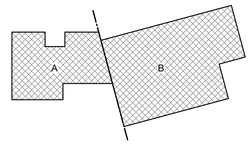
1 / T2.11 TECHNOLOGY & SECURITY FLOOR PLAN - OVERALL - 1ST FLOOR
3/32" = 1'-0"

Keynotes:

Notes:

1. MAINTAIN A MINIMUM BEND RADIUS EQUAL TO PUBLISHED REQUIREMENTS OF THE MANUFACTURER OF THE CABLING, OR A MINIMUM OF SIX-INCH BEND RADIUS DURING AND AFTER INSTALLATION.
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11. DATA OUTLET SHALL PULL CORD FOR **NINotSesT:**ALLATION OF LOW VOLTAGE CABLE.
12. TECHNOLOGY & SECURITY 1ST FLOOR - FLOOR PLAN COORDINATE WITH ARCHITECTURAL AND ELECTRICAL PLANS FOR PLACEMENT OF COMMUNICATIONS OUTLETS

KEY PLAN:



INTERWEST
A SAFELINK COMPANY
Approved
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Santee
DO MORE • DUE EAST
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug** 22, 202**5**

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100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 1ST FLOOR - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T2.11
	SHEET 275 OF 294

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1 / T2.11A TECHNOLOGY & SECURITY FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT A
3/16" = 1'-0"

PN

Keynotes:

Notes:

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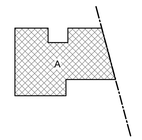
SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 1ST FLOOR - SEGMENT A - FLOOR PLAN

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Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
Approved
08/01/2025 3:22:21 PM

KEY PLAN:



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 50% CD 12/16/22		
INSPECTOR:						
DATE COMPLETED						

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	RCE NO.	DATE / EXPIRES	

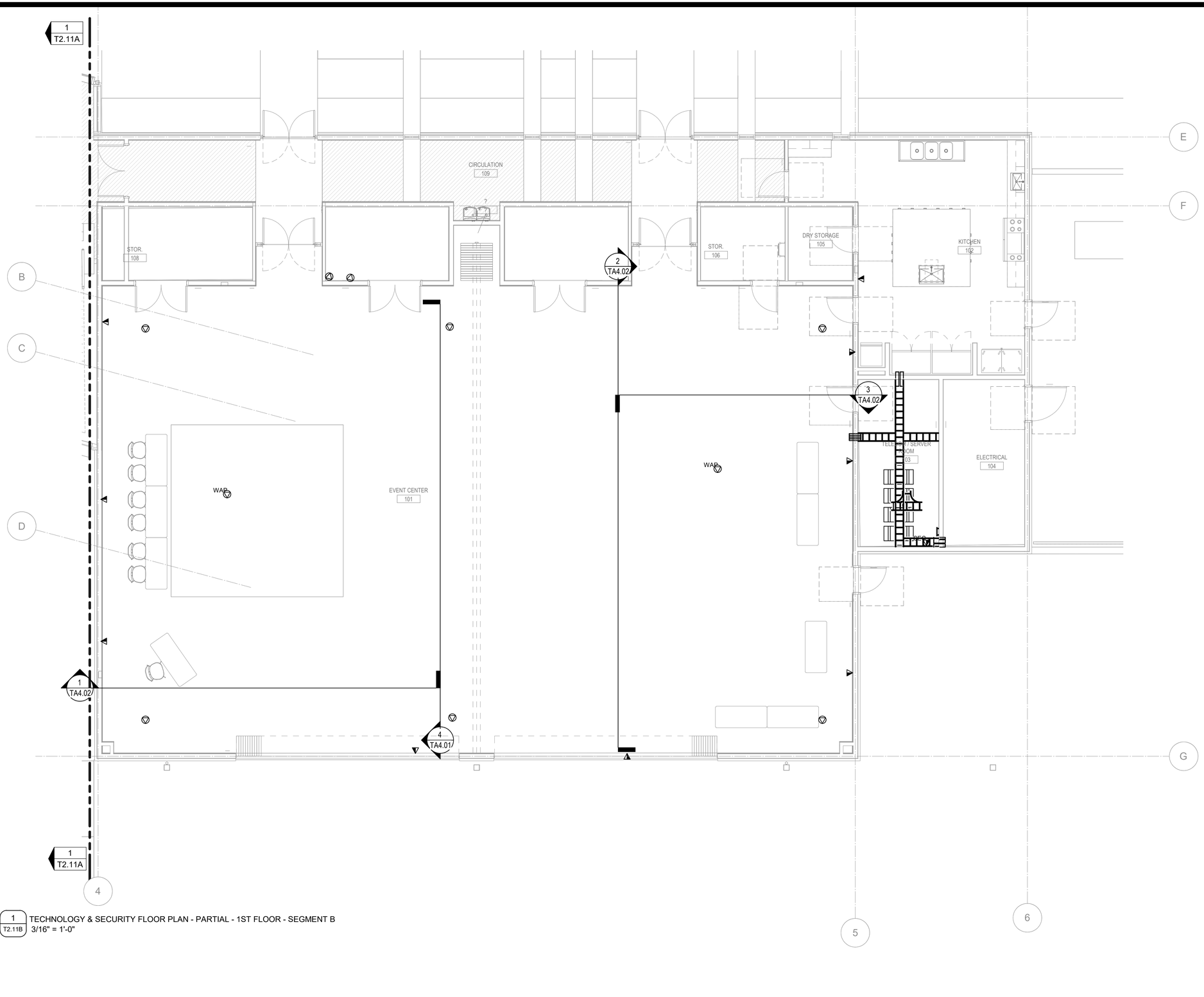
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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T2.11A
	SHEET 276 OF 294

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1 / T2.11B TECHNOLOGY & SECURITY FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT B
3/16" = 1'-0"

PN

Keynotes:

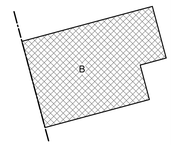
Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:21 PM

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 1ST FLOOR - SEGMENT B - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 50% CD 12/16/22		
INSPECTOR:						
DATE COMPLETED						

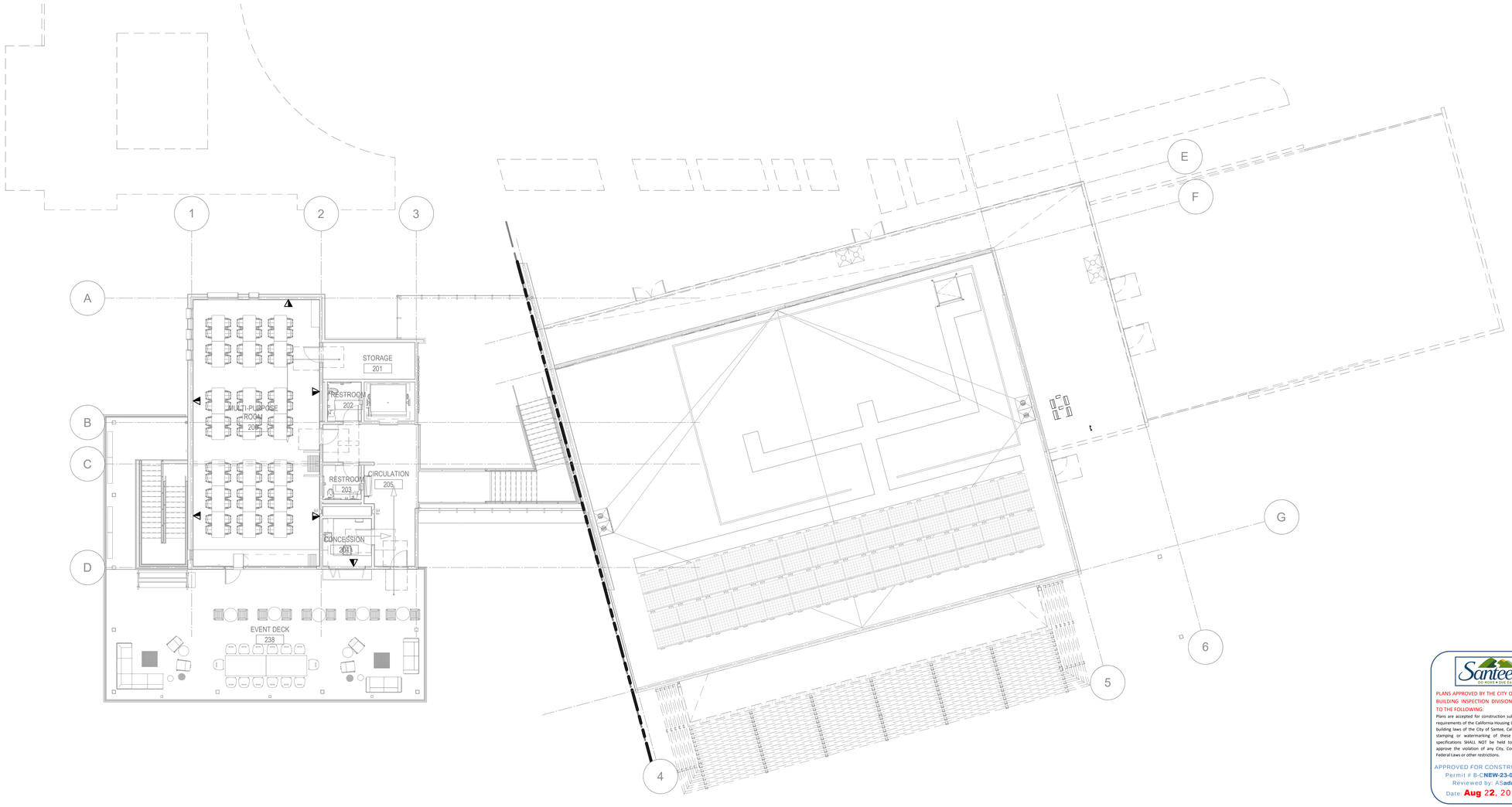
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**T2.11B**
	SHEET 277 OF 294

Please Recycle



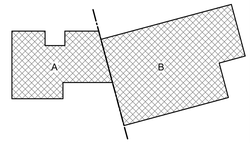
1 T2.21 TECHNOLOGY & SECURITY FLOOR PLAN - OVERALL - 2ND FLOOR
3/32" = 1'-0"

Keynotes:

Notes:

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KEY PLAN:



Santee
GO HIGH • SUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:21 PM

PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 2ND FLOOR - FLOOR PLAN

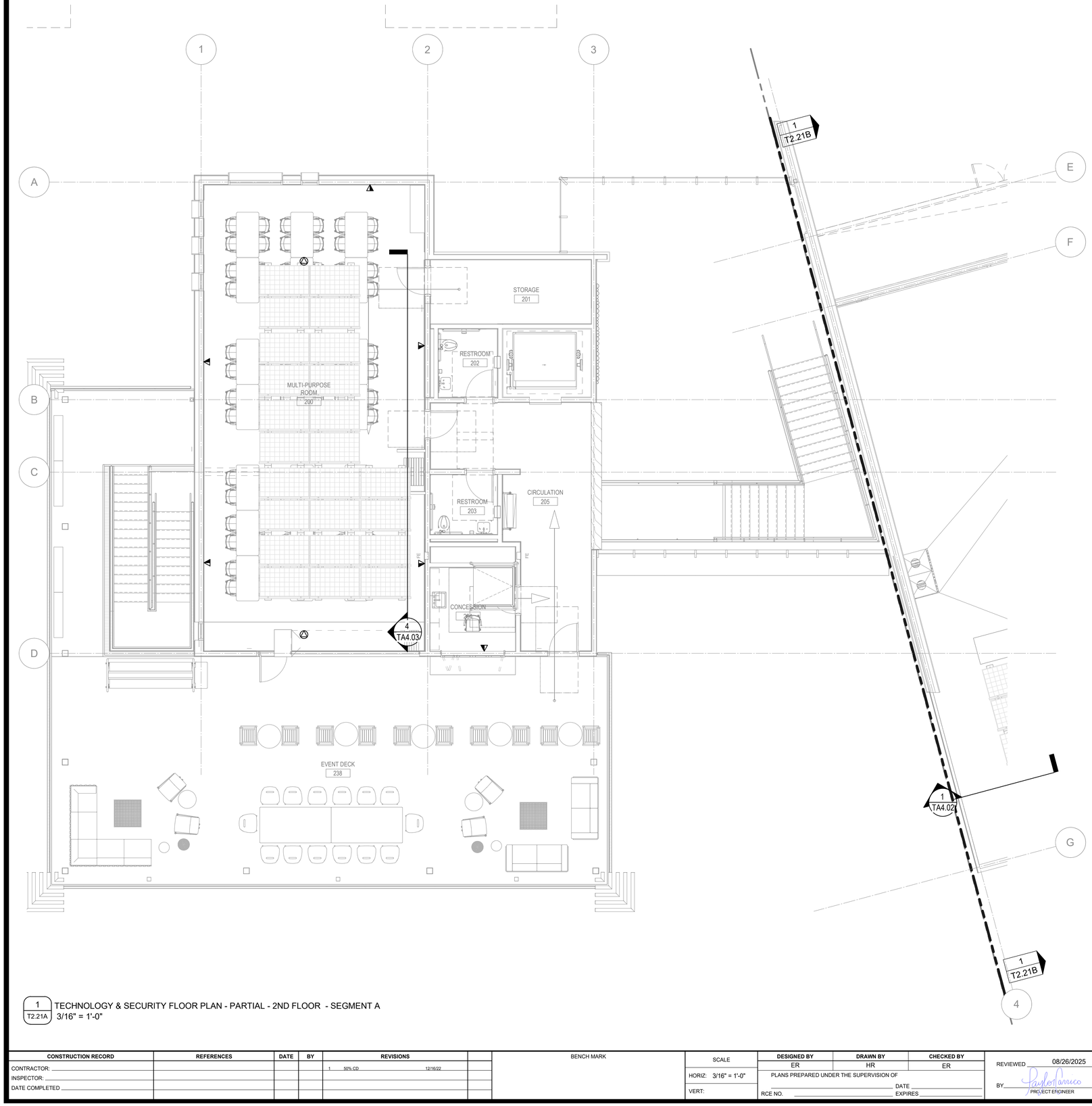
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T2.21
	SHEET 278 OF 294



1 / T2.21A TECHNOLOGY & SECURITY FLOOR PLAN - PARTIAL - 2ND FLOOR - SEGMENT A
3/16" = 1'-0"

TN
PN

Keynotes:

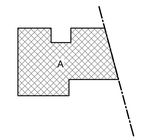
Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22**, 202**5**

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:22 PM

KEY PLAN:



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SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 2ND FLOOR - SEGMENT A - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 50% CD 12/16/22		
INSPECTOR:						
DATE COMPLETED						

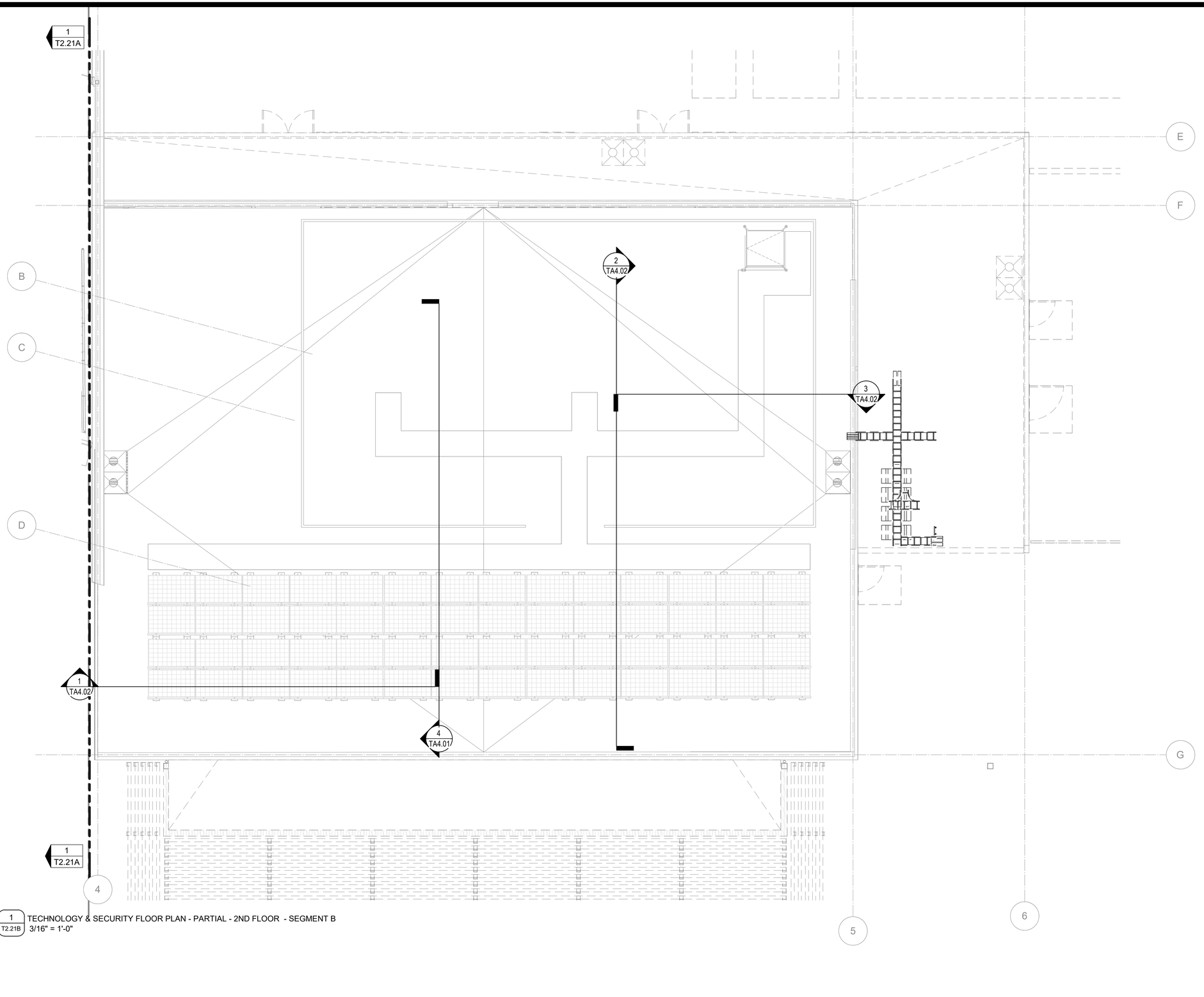
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T2.21A
	SHEET 279 OF 294

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 / T2.21B TECHNOLOGY & SECURITY FLOOR PLAN - PARTIAL - 2ND FLOOR - SEGMENT B
3/16" = 1'-0"

Keynotes:

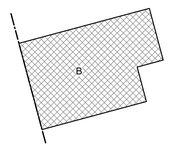
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:22 PM

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 2ND FLOOR - SEGMENT B - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 50% CD 12/16/22		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

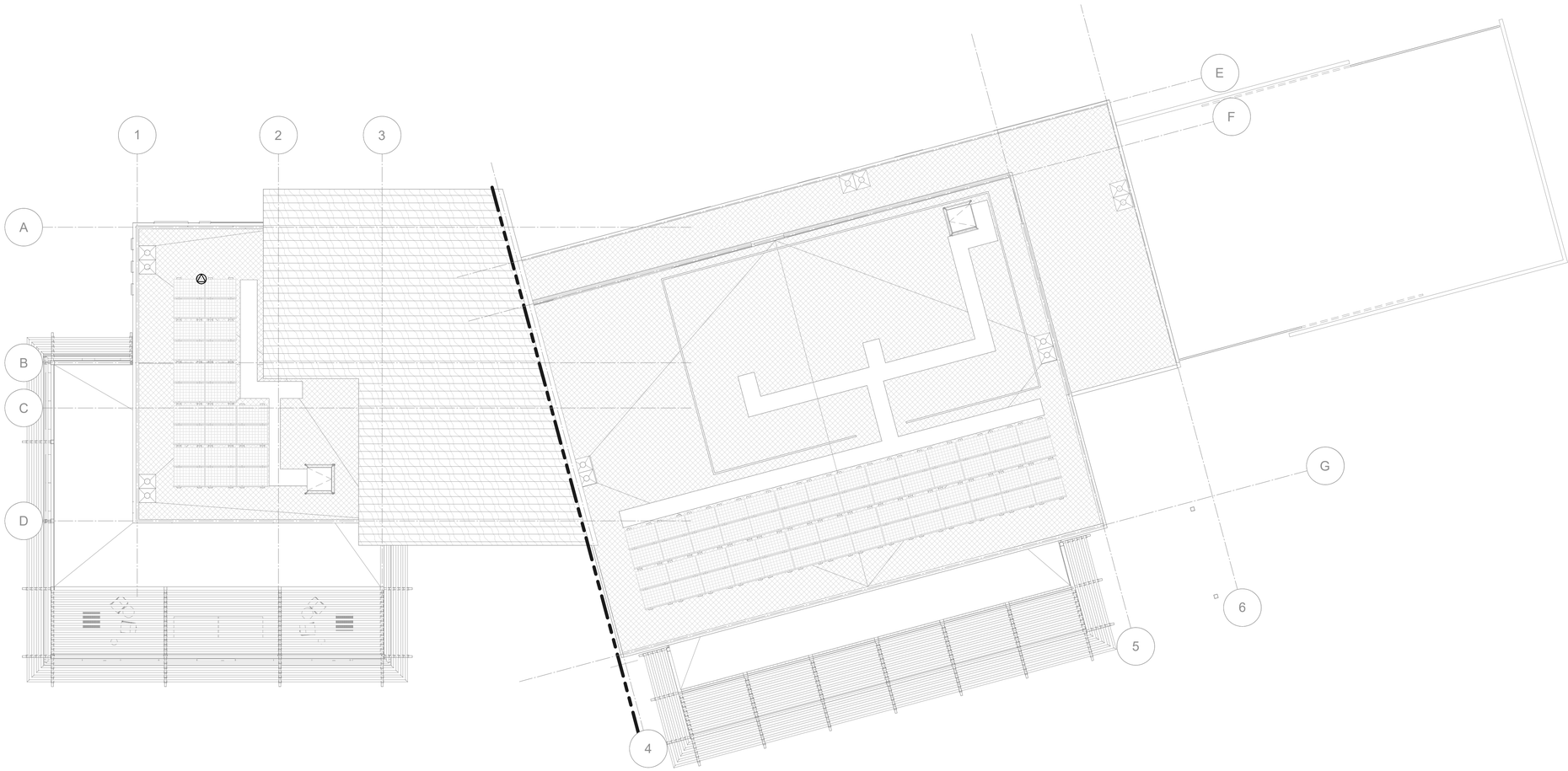
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T2.21B
	SHEET 280 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 / T2.31 TECHNOLOGY & SECURITY ROOF PLAN - OVERALL
3/32" = 1'-0"

PN

Keynotes:

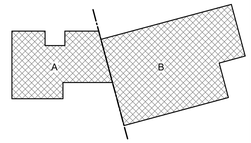
Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST
A NAVIGATE COMPANY
Approved
08/01/2025 3:22:22 PM

KEY PLAN:



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SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY ROOF PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

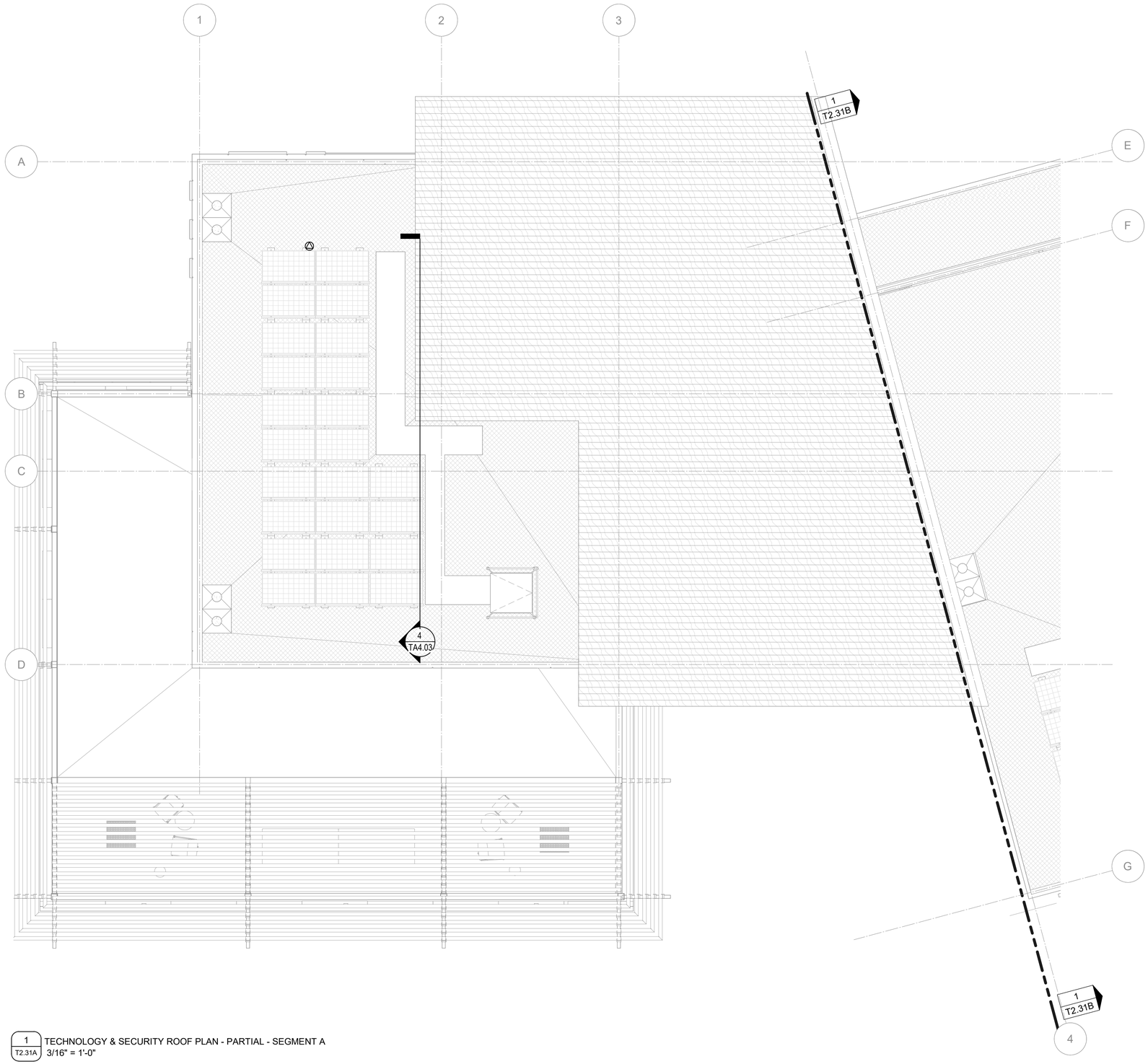
REVIEWED 08/26/2025
BY Paulo Narvaez
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T2.31
	SHEET 281 OF 294

Please Recycle

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1 / T2.31A TECHNOLOGY & SECURITY ROOF PLAN - PARTIAL - SEGMENT A
3/16" = 1'-0"

Keynotes:

Notes:

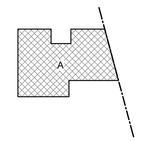
Santee
SO MUCH MORE THAN EASY

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:22 PM

KEY PLAN:



PN

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY ROOF PLAN - SEGMENT A

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 50% CD 12/16/22	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 3/16" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
ER	HR	ER

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

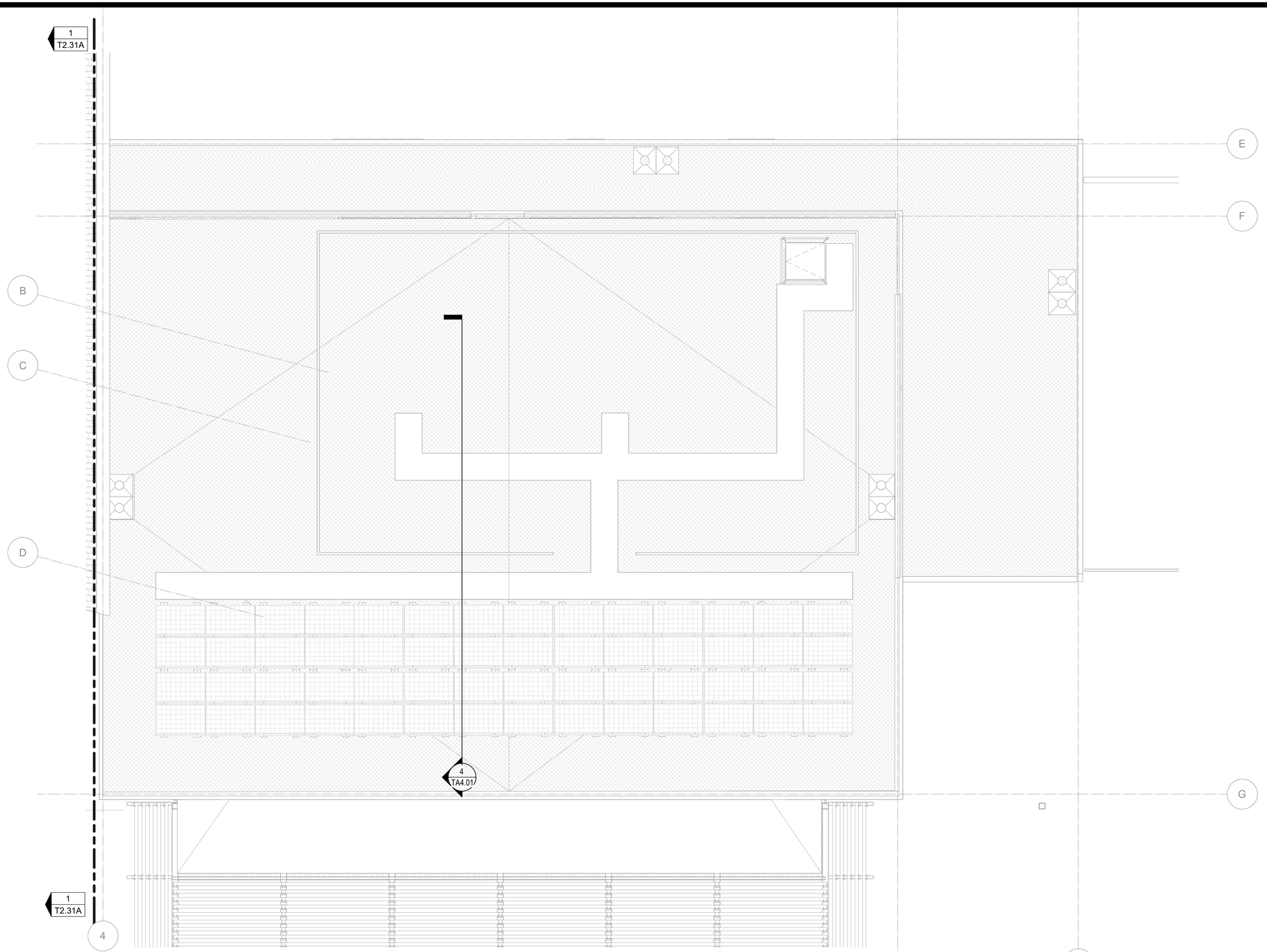
REVIEWED 08/26/2025
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **T2.31A**
SHEET 282 OF 294

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1 / T2.31B TECHNOLOGY & SECURITY ROOF PLAN - PARTIAL - SEGMENT B
3/16" = 1'-0"

Keynotes:

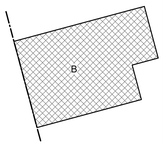
Notes:

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:22 PM

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY ROOF PLAN - SEGMENT B

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 50% CD 12/16/22		
INSPECTOR:						
DATE COMPLETED						

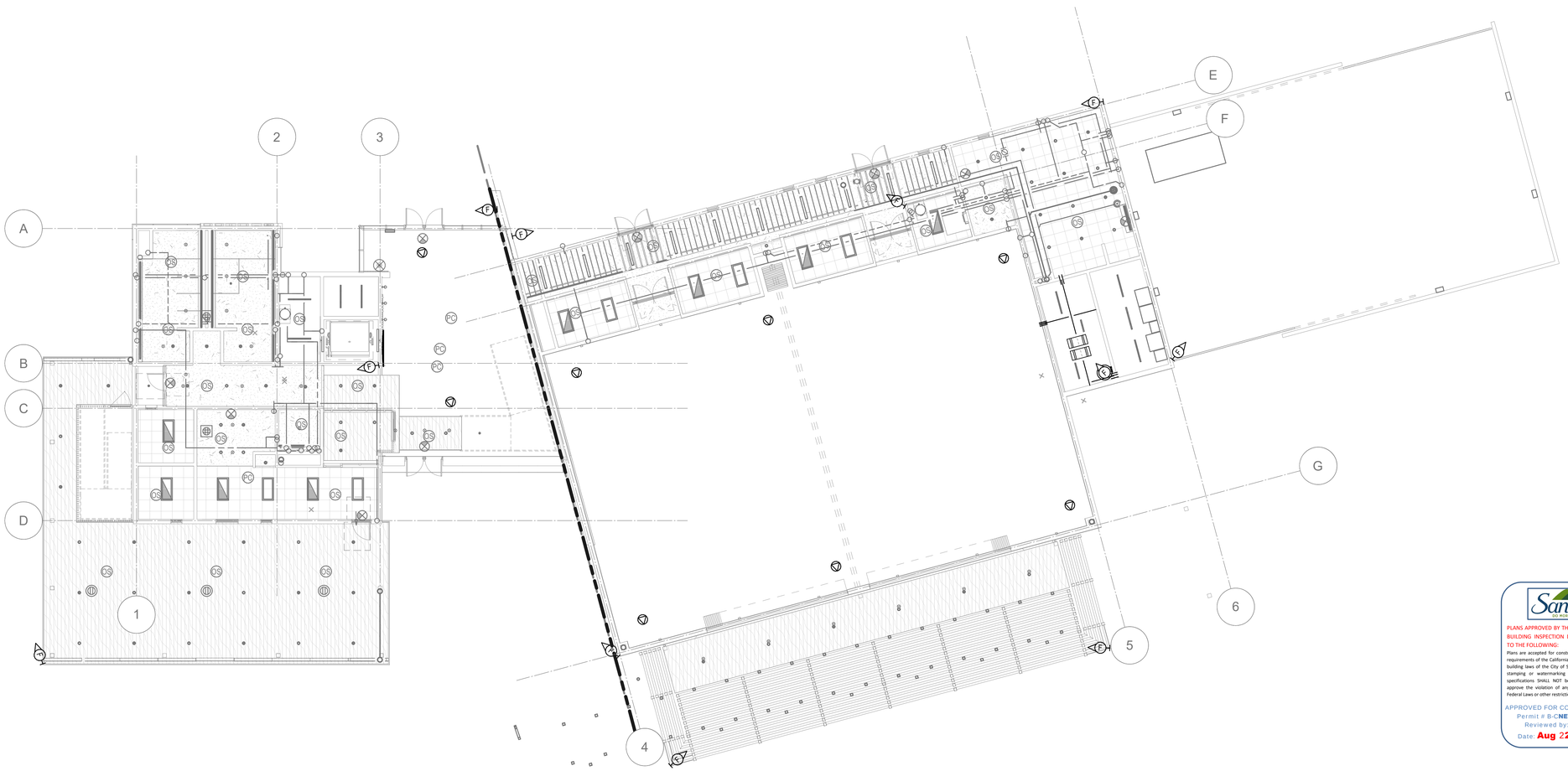
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T2.31B
	SHEET 283 OF 294

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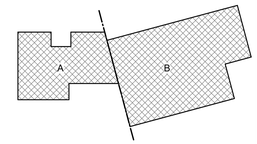
1 / T3.11 TECHNOLOGY & SECURITY RCP - OVERALL - 1ST FLOOR
3/32" = 1'-0"

Keynotes:

Notes:

1. MAINTAIN A MINIMUM BEND RADIUS EQUAL TO PUBLISHED REQUIREMENTS OF THE MANUFACTURER OF THE CABLING, OR A MINIMUM OF SIX-INCH BEND RADIUS DURING AND AFTER INSTALLATION.
2. MAINTAIN MANUFACTURER'S PUBLISHED GUIDELINES FOR PULLING TENSION.
3. PLACE CABLES WITHOUT KINKS, TWISTS, OR IMPACT DAMAGE TO THE SHEATH. REPLACE CABLE IF DAMAGED DURING INSTALLATION.
4. PROVIDE A PULL STRING ALONG WITH CABLES WHEN ROUTING THROUGH CONDUIT. TIE OFF ENDS OF PULL STRING IN ACCESSIBLE CEILING SPACE TO PREVENT THE STRING FROM FALLING INTO THE CONDUIT OR BECOMING INACCESSIBLE.
5. PROVIDE A PULL STRING IN ANY EMPTY TELECOMMUNICATION, SECURITY, OR AUDIOVISUAL CONDUIT. CONDUIT MUST BE PROVIDED BY INSTALLING CONTRACTOR.
6. EC TO PROVIDE CONDUIT SLEEVES TROUGH FULL HEIGHT WALLS TO ENSURE PATHWAY FOR COMMUNICATIONS CABLING. REFER TO ARCHITECTURAL PLANS FOR PARTITION TYPES AND WALL HEIGHTS.
7. EC TO VERIFY EXACT LOCATIONS FOR ALL CONDUITS, SLEEVES, QUANTITIES REQUIRED FOR ALL LOW VOLTAGE CABLING.
8. EC TO PROVIDE PULL BOX FOR CONDUIT RUNS EXCEEDING 100 FEET IN LENGTH OR CONDUIT RUNS CONTAINING BENDS TOTALING 180 DEGREES.
9. LOW VOLTAGE LOCATIONS (BACKBOXES) MOUNTED BACK TO BACK SHALL BE STAGGERED ENSURING ADEQUATE BACK SPACING
11. DATA OUTLET SHALL PULL CORD FOR NINotSesT:ALLATION OF LOW VOLTAGE CABLE.
12. TECHNOLOGY & SECURITY 1ST FLOOR - FLOOR PLAN COORDINATE WITH ARCHITECTURAL AND ELECTRICAL PLANS FOR PLACEMENT OF COMMUNICATIONS OUTLETS

KEY PLAN:



Santee
EST. 1893 • EVE. EAST

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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: A**Sadre**
Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:22 PM

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 1ST FLOOR - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/32" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		DATE
	RCE NO.		EXPIRES

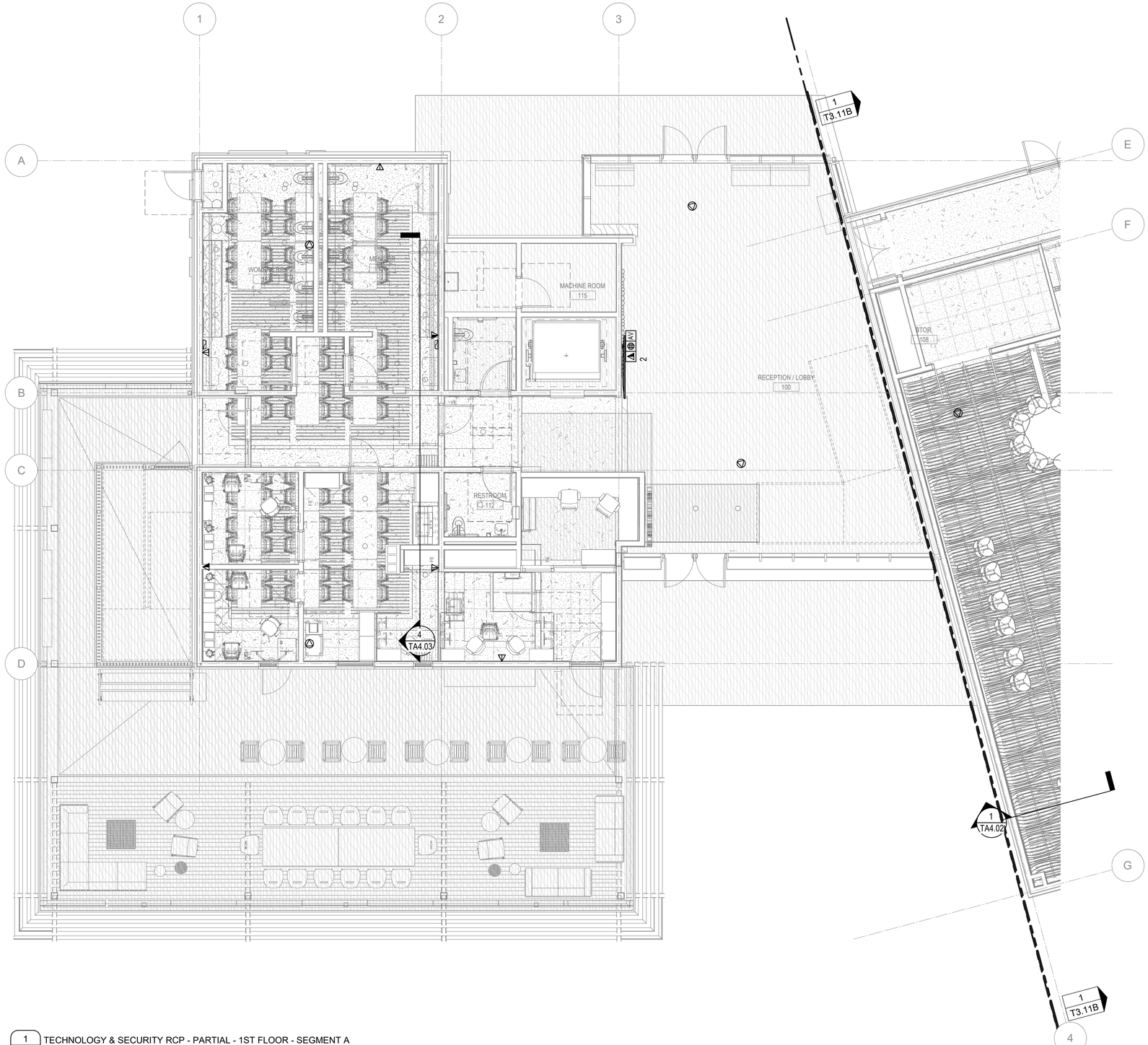
REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T3.11
	SHEET 284 OF 294

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 / T3.11A TECHNOLOGY & SECURITY RCP - PARTIAL - 1ST FLOOR - SEGMENT A
3/16" = 1'-0"

PN

Keynotes:

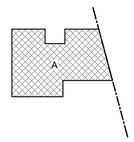
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APPROVED FOR CONSTRUCTION
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Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST A SAFEBUILT COMPANY
Approved
08/01/2025 3:22:22 PM

KEY PLAN:



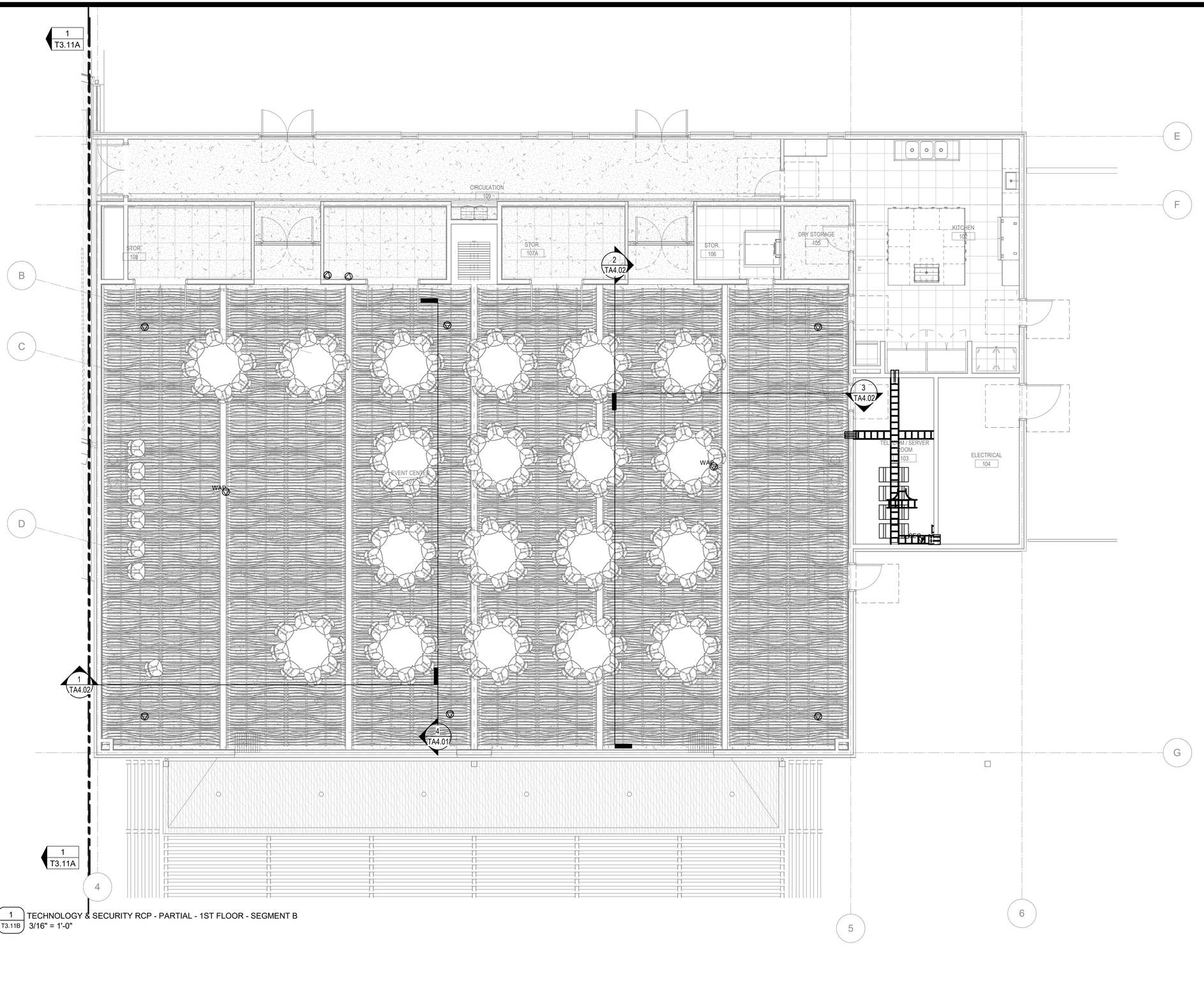
100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 1ST FLOOR - SEGMENT A - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED 08/26/2025	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:				1 50% CD 12/16/22			HORIZ: 3/16" = 1'-0"	ER	HR	ER	BY Paula Marrico	IMPROVEMENT PLANS FOR:		CIP 2018-31	T3.11A
INSPECTOR:							VERT:	PLANS PREPARED UNDER THE SUPERVISION OF			PROJECT ENGINEER	SANTEE COMMUNITY CENTER			SHEET 285 OF 294
DATE COMPLETED								RCE NO.		DATE EXPIRES					

Please Recycle

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1 / T3.11B TECHNOLOGY & SECURITY RCP - PARTIAL - 1ST FLOOR - SEGMENT B
3/16" = 1'-0"

TN
PN

Keynotes:

Notes:

Santee
DO MORE • DUE EAST

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:

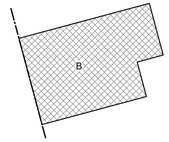
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Date: **Aug 22, 2025**

INTERWEST
A SAFEBUILT COMPANY

Approved
08/01/2025 3:22:22 PM

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 1ST FLOOR - SEGMENT B - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 50% CD 12/16/22		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

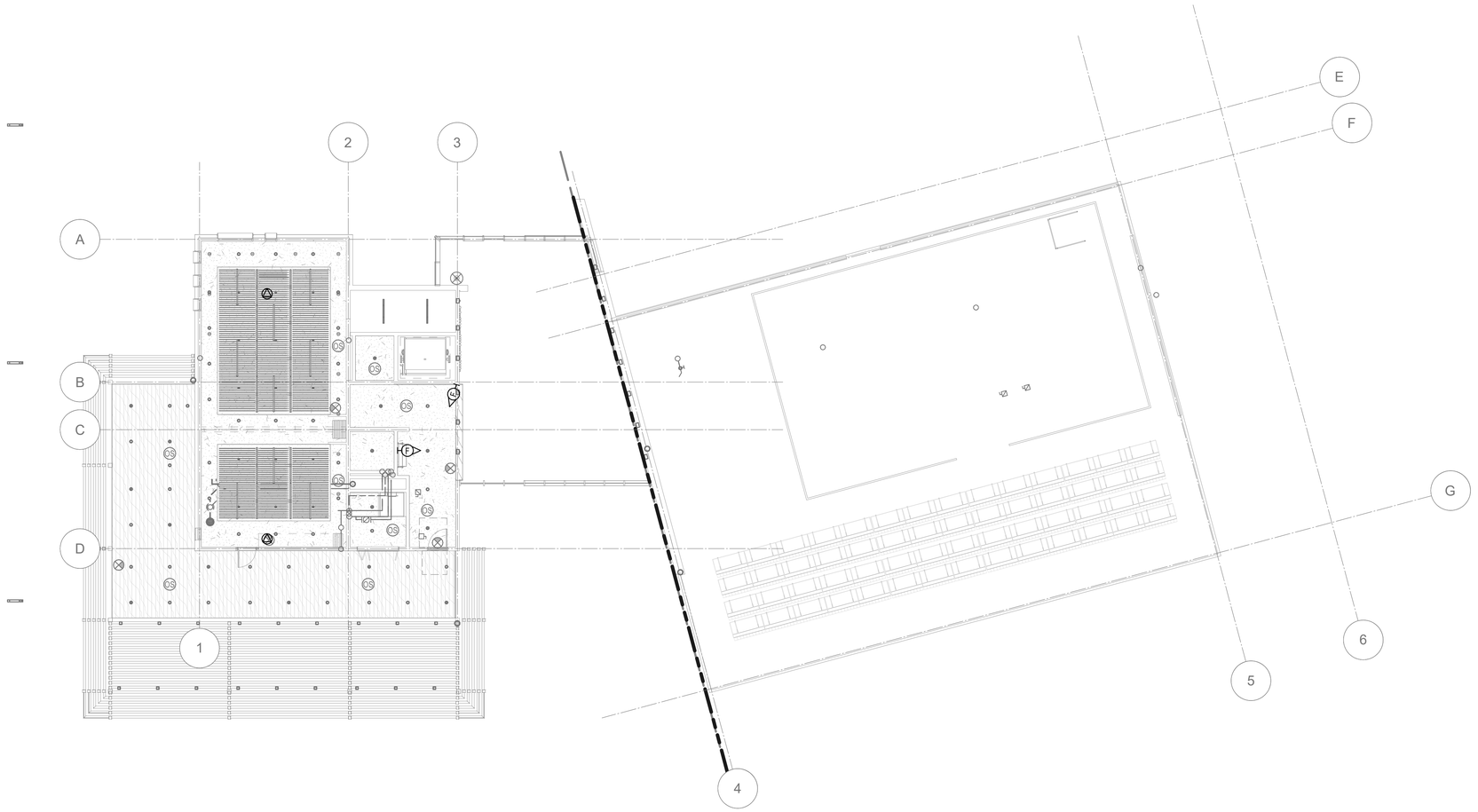
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T3.11B
	SHEET 286 OF 294

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-T-Santee Community Center-R20.rvt

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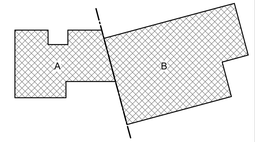
1 / T3.21 TECHNOLOGY & SECURITY RCP - OVERALL - 2ND FLOOR
3/32" = 1'-0"

Keynotes:

Notes:

1. MAINTAIN A MINIMUM BEND RADIUS EQUAL TO PUBLISHED REQUIREMENTS OF THE MANUFACTURER OF THE CABLING, OR A MINIMUM OF SIX-INCH BEND RADIUS DURING AND AFTER INSTALLATION.
2. MAINTAIN MANUFACTURER'S PUBLISHED GUIDELINES FOR PULLING TENSION.
3. PLACE CABLES WITHOUT KINKS, TWISTS, OR IMPACT DAMAGE TO THE SHEATH. REPLACE CABLE IF DAMAGED DURING INSTALLATION.
4. PROVIDE A PULL STRING ALONG WITH CABLES WHEN ROUTING THROUGH CONDUIT. TIE OFF ENDS OF PULL STRING IN ACCESSIBLE CEILING SPACE TO PREVENT THE STRING FROM FALLING INTO THE CONDUIT OR BECOMING INACCESSIBLE.
5. PROVIDE A PULL STRING IN ANY EMPTY TELECOMMUNICATION, SECURITY, OR AUDIOVISUAL CONDUIT. CONDUIT MUST BE PROVIDED BY INSTALLING CONTRACTOR.
6. EC TO PROVIDE CONDUIT SLEEVES TROUGH FULL HEIGHT WALLS TO ENSURE PATHWAY FOR COMMUNICATIONS CABLING. REFER TO ARCHITECTURAL PLANS FOR PARTITION TYPES AND WALL HEIGHTS.
7. EC TO VERIFY EXACT LOCATIONS FOR ALL CONDUITS, SLEEVES, QUANTITIES REQUIRED FOR ALL LOW VOLTAGE CABLING.
8. EC TO PROVIDE PULL BOX FOR CONDUIT RUNS EXCEEDING 100 FEET IN LENGTH OR CONDUIT RUNS CONTAINING BENDS TOTALING 180 DEGREES.
9. LOW VOLTAGE LOCATIONS (BACKBOXES) MOUNTED BACK TO BACK SHALL BE STAGGERED ENSURING ADEQUATE BACK SPACING
11. DATA OUTLET SHALL PULL CORD FOR NINotSesT:ALLATION OF LOW VOLTAGE CABLE.
12. TECHNOLOGY & SECURITY 1ST FLOOR - FLOOR PLAN COORDINATE WITH ARCHITECTURAL AND ELECTRICAL PLANS FOR PLACEMENT OF COMMUNICATIONS OUTLETS

KEY PLAN:



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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A SAFEbuilt COMPANY
Approved
08/01/2025 3:22:22 PM

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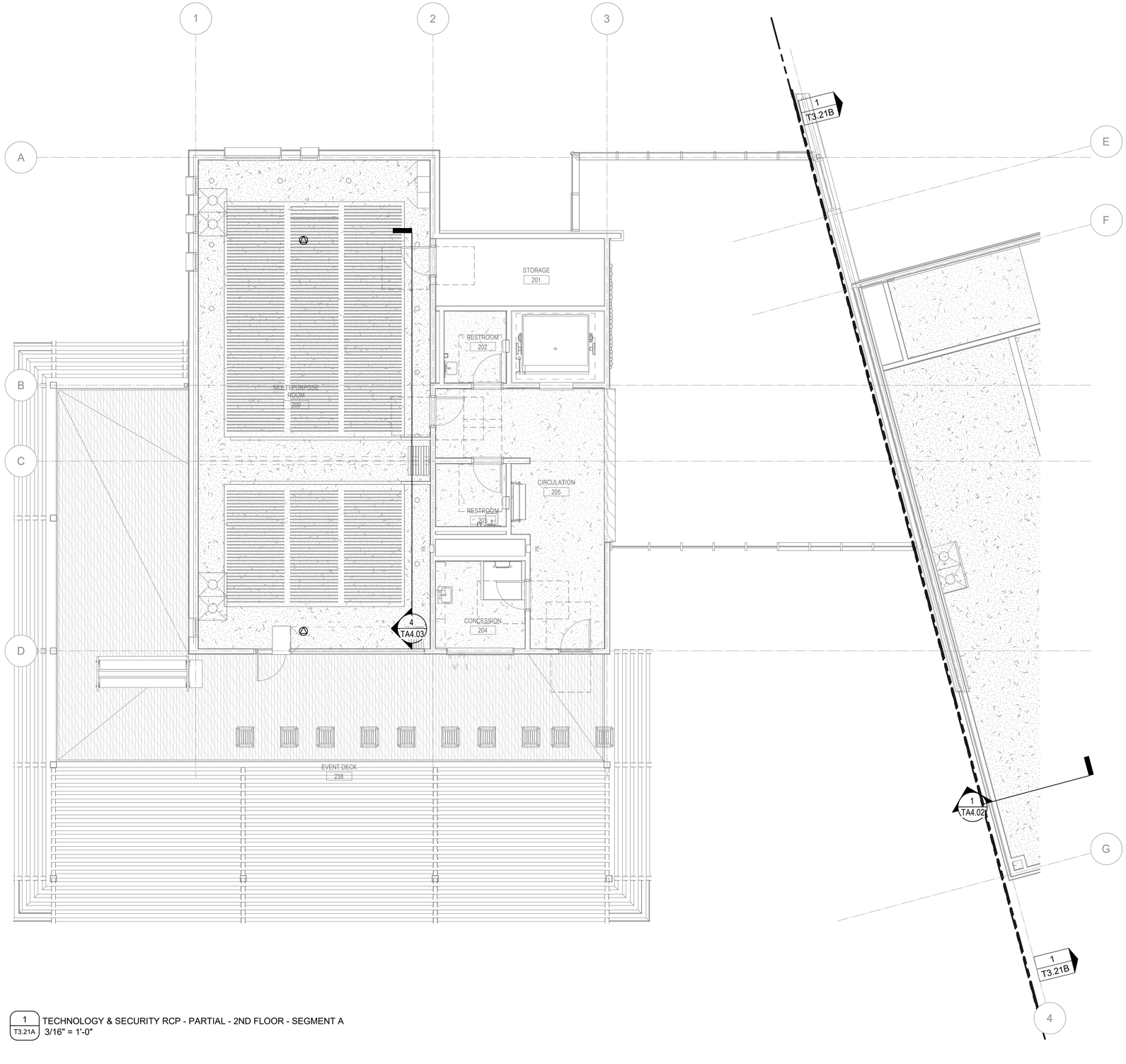
100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 2ND FLOOR - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024			HORIZ: 3/32" = 1'-0"	ER	HR	ER	08/26/2025	IMPROVEMENT PLANS FOR:		CIP 2018-31	T3.21
INSPECTOR:							VERT:	PLANS PREPARED UNDER THE SUPERVISION OF			BY	SANTEE COMMUNITY CENTER			SHEET 287 OF 294
DATE COMPLETED								RCE NO.	DATE EXPIRES		PROJECT ENGINEER				

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1 / T3.21A TECHNOLOGY & SECURITY RCP - PARTIAL - 2ND FLOOR - SEGMENT A
3/16" = 1'-0"

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Keynotes:

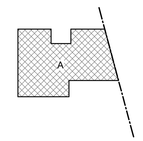
Notes:

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APPROVED FOR CONSTRUCTION
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Reviewed by: AS**adre**
Date: **Aug 22, 2025**

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KEY PLAN:



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SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 2ND FLOOR - SEGMENT A - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 50% CD 12/16/22		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
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REVIEWED 08/26/2025
BY Paula Francisco
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **T3.21A**
SHEET 288 OF 294

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1 / T3.21B TECHNOLOGY & SECURITY RCP - PARTIAL - 2ND FLOOR - SEGMENT B
3/16" = 1'-0"

Keynotes:

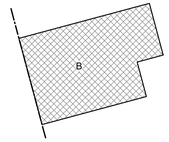
Notes:

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KEY PLAN:



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SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY 2ND FLOOR - SEGMENT B - REFLECTED CEILING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
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VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
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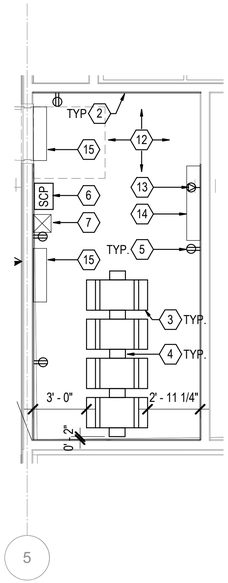
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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

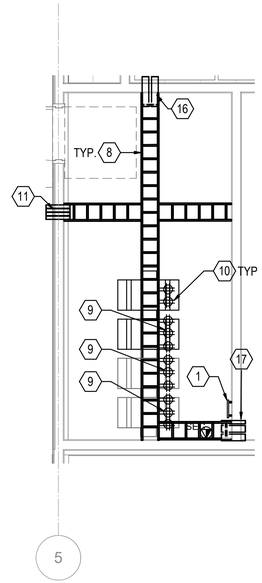
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	T3.21B
	SHEET 289 OF 294

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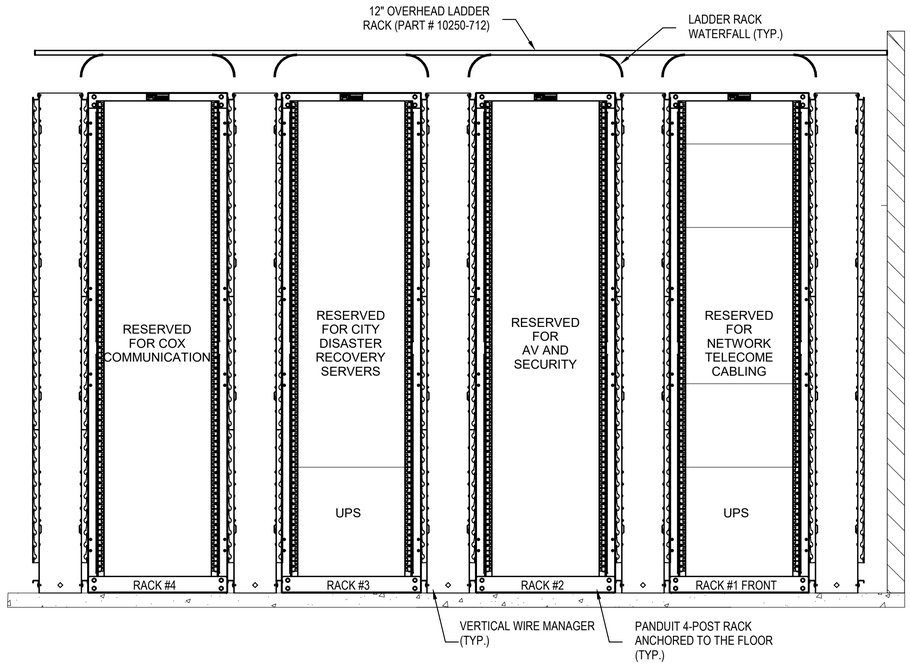
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1 ENLARGED TELECOM ROOM - FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 ENLARGED TELECOM ROOM - CEILING PLAN
SCALE: 1/4" = 1'-0"



3 RACK ELEVATION
SCALE: 1/2" = 1'-0"

SHEET NOTES

1. LABEL ALL RECEPTACLES IN THE IDF WITH ELECTRICAL PANEL SOURCE AND CIRCUIT NUMBER.
2. PROVIDE LAMINATED AS-BUILT STATION ID TAG PLAN MOUNTED ON THE WALL AS SHOWN.
3. THE IDF ROOM IS REQUIRED TO BE "READY" TWO WEEKS PRIOR TO SUBSTANTIAL COMPLETION. THE FOLLOWING ITEMS ARE REQUIRED FOR THE ROOM TO BE CONSIDERED READY:
   - 3.1. THE ROOM IS LOCKABLE AND SECURE.
   - 3.2. THE ROOM LIGHTING IS COMPLETE
   - 3.3. THE ROOM FLOORING IS COMPLETE
   - 3.4. THE ROOM HAS BEEN CLEANED AND IS DUST FREE. ALL CONSTRUCTION DEBRIS HAS BEEN REMOVED AND THE IDF RACKS AND WIRE MANAGEMENT ARE DUST FREE.
   - 3.5. SUPPLEMENTAL COOLING SYSTEM FOR THE ROOM IS OPERATION AND THE FILTERS HAVE BEEN CHANGED AFTER STARTUP.
   - 3.6. THE FIRE PROTECTION SYSTEM FOR THE ROOM IS COMPLETE.
   - 3.7. ALL SLEEVES AND CORES IN THE ROOM HAVE BEEN PROPERLY FIRE SEALED.
   - 3.8. SERVICE PROVIDER CABLING FROM THE BUILDING POP HAS BEEN RUN TO THE ROOM, HAS BEEN TERMINATED AND TESTED.
4. REFER TO ELECTRICAL DRAWINGS FOR ALL CIRCUITING REQUIREMENTS WITHIN THE IDF ROOM. THE RECEPTACLES MOUNTED ON THE SIDE OF THE LADDER RACK SHALL BE INSTALLED SO AS NOT TO INTERFERE WITH THE OPERATION OF THE VERTICAL WIRE MANAGER DOORS OR THE CABLING INSTALLED ON THE LADDER RACKS.
5. CONTRACTOR TO VERIFY QUANTITY OF PATCH PANELS REQUIRED WITH TOTAL NUMBER OF PORTS. PROVIDE ALL REQUIRED PATCH PANELS.

SHEET KEYNOTES

1. TELECOMMUNICATIONS COPPER GROUNDING BUS BAR @ 7'-6" AFF. BAR ISOLATED GROUND THAT IS CONNECTED TO THE ELECTRICAL PANEL AND CONNECTED UNDER THE VCT FOR STATIC GROUND.
2. 8'-0"WX4'-0"HX0'-3/4"D AC RATED PLYWOOD CUT TO SUIT MOUNTED 18" AFF PAINTED WHITE WITH FIRE RETARDANT PAINT. CONTRACTOR SHALL NOT PAINT OVER LISTING LABEL.
3. 19" 4-POST TELECOMMUNICATIONS RACK. TYPICAL.
4. 6" WIDE VERTICAL WIRE MANAGER. TYPICAL.
5. 120V 20AMP CONVENIENCE OUTLETS. REFER TO ELECTRICAL DRAWINGS FOR CIRCUITING INFORMATION. (TYPICAL)
6. SECURITY PANEL SHOWN FOR REFERENCE ONLY. REFER TO SECURITY DRAWINGS.
7. 18" HEIGHT SURFACE MOUNT 20AMP DEDICATED CIRCUIT TO BE HARDWIRED TO PHYSEC POWER SUPPLY INSIDE ACCESS CONTROL PANEL BOX PROVIDED BY SECURITY INTEGRATOR. QUAD BOX WITH SOLID COVER.
8. 12" WIDE LADDER RACK MOUNTED 7'-6" AFF. LADDER RACK PLACEMENT TO BE IDENTIFIED BY LOW VOLTAGE INTEGRATOR
9. (3) QUAD OUTLETS WITHIN A TWO GANG BOX. PROVIDE A DUAL CIRCUIT TIE HANDLE ON THE PANEL BREAKERS, MOUNTED ON THE TOP RAIL ON THE BACKSIDE OF THE RACK FACING THE BACK WALL RECEPTACLE SHOWN FOR REFERENCE ONLY, REFER TO ELECTRICAL DRAWING FOR CIRCUITING INFO. (TYPICAL)
10. (2) QUAD OUTLETS WITHIN A GANG BOX. PROVIDE A DUAL CIRCUIT TIE HANDLE ON THE PANEL BREAKERS, MOUNTED ON THE TOP RAIL ON THE BACKSIDE OF THE RACK FACING THE BACK WALL RECEPTACLE SHOWN FOR REFERENCE ONLY, REFER TO ELECTRICAL DRAWINGS BY OTHERS FOR CIRCUITING INFO. (TYPICAL)
11. (4) 2" CONDUITS TO ABOVE CEILING OF MULTIPURPOSE ROOM..
12. FLOORING "VCT" ANTISTATIC.
13. DEICATED 120V 20 AMP POWER.
14. RESERVED FOR COMM SERVICES/CARRIER.
15. MECHANICAL SPLIT UNIT.
16. (2) 4" SLEEVES.
17. (1) 2" CONDUIT FROM THE CITY AND (2) 4" CONDUITS FROM THE PARKING LOT TO THE TELECOM ROOM.

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Reviewed by: AS**adre**
Date: **Aug 22, 2025**

INTERWEST — A Nelson Company
Approved
08/01/2025 3:22:22 PM

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SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY ENLARGED PLANS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
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REVIEWED 08/26/2025
BY PROJECT ENGINEER

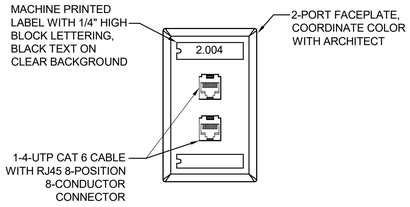
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**T4.01**
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SYMBOL : ▽ ▼ TYPICAL STATION OUTLET WITH 1 CATEGORY 6 CABLE

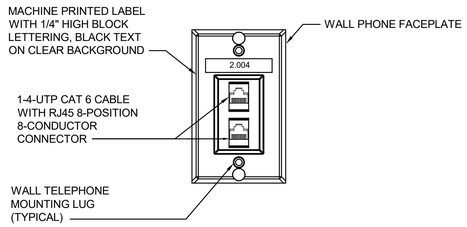


1 TYPICAL STATION OUTLET - WITH ONE PORT

NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL MACHINE PRINTED LABELS FOR EACH PORT. LABELS SHALL HAVE BLACK LETTERS ON WHITE LABELS AND ADHERE TO THE PANEL.
2. ALL LABELS AT THE PATCH PANEL HAVE TO MATCH THE PORT NUMBER ON THE FLOOR EXACTLY.
3. COORDINATE FINAL LABELING WITH THE OWNER.

SYMBOL : W ▼ WALL MOUNT WITH 1 CATEGORY 6 CABLE



2 TYPICAL WALL PHONE STATION OUTLET

NOTE:

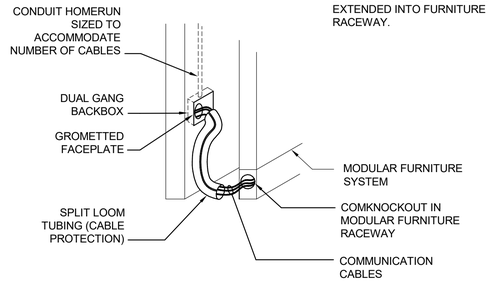
1. TYPICAL FOR ALL TERMINATIONS.

3 NOT-USED

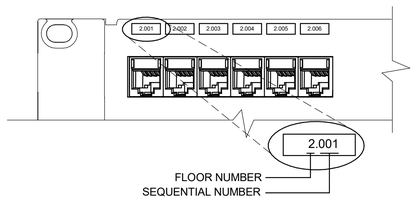
SYMBOL : ⓘ

NOTE :

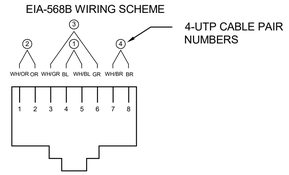
1. SPLIT LOOM TUBING TO BE INSTALLED WITH AT LEAST 2" OF TUBING EXTENDED INTO BACK-BOX AND 2" OF TUBING EXTENDED INTO FURNITURE RACEWAY.



4 MODULAR FURNITURE INFEED



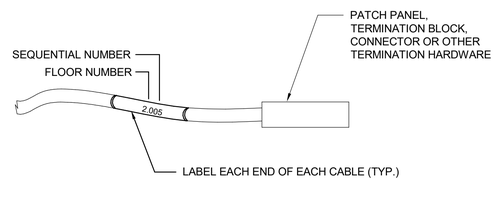
5 TYPICAL PATCH PANEL LABELING SCHEME



NOTE:

1. TYPICAL FOR ALL TERMINATIONS.

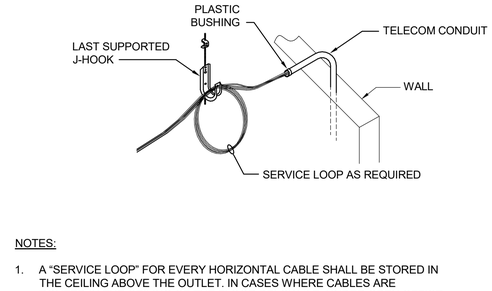
6 RJ45 MODULAR INSERT - WIRING SCHEME - T568B



NOTE:

1. TEXT ON LABEL MUST FACE THE SAME DIRECTION ON ALL CABLES.

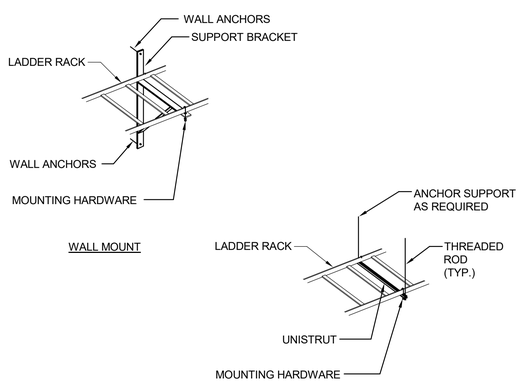
7 TYPICAL CABLE LABEL



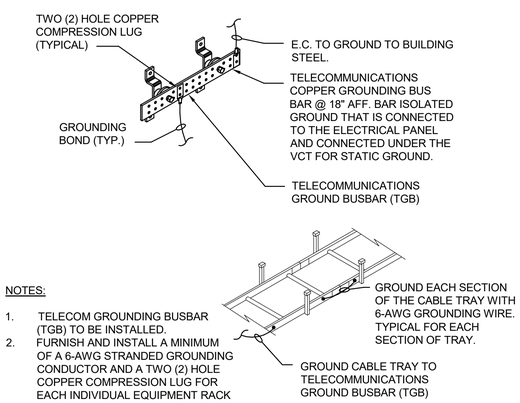
NOTES:

1. A "SERVICE LOOP" FOR EVERY HORIZONTAL CABLE SHALL BE STORED IN THE CEILING ABOVE THE OUTLET. IN CASES WHERE CABLES ARE ROUTED IN THE CEILING OF THE FLOOR BELOW (I.E. UNDER OPEN OFFICE SPACES, CONFERENCE ROOMS), CABLES SHALL BE STORED IN THE CEILING OF THE FLOOR BELOW OR PRIOR TO ENTERING RACEWAY.
2. LOOP LENGTH SHALL BE 10-FT. (3-METERS).
3. THE TOTAL LENGTH OF THE HORIZONTAL CABLE INCLUDING THE LOOP SHALL NOT EXCEED 295-FT (90-METERS).
4. THE LOOP SHALL BE PLACED IN THE CEILING AT THE LAST SUPPORT (E.G.. J-HOOK) BEFORE THE CABLES ENTER A FISHABLE WALL, CONDUIT, SURFACE RACEWAY OR BOX.
5. LOOP RADIUS (MINIMUM) SHALL BE 4X THE MINIMUM BEND RADIUS FOR THE CABLE.

8 TYPICAL HORIZONTAL CABLING INSTALLATION DETAIL



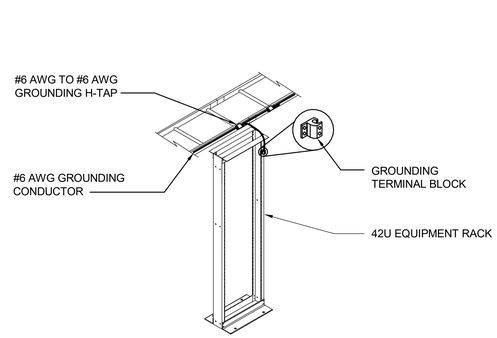
9 LADDER RACK MOUNTING DETAIL



NOTES:

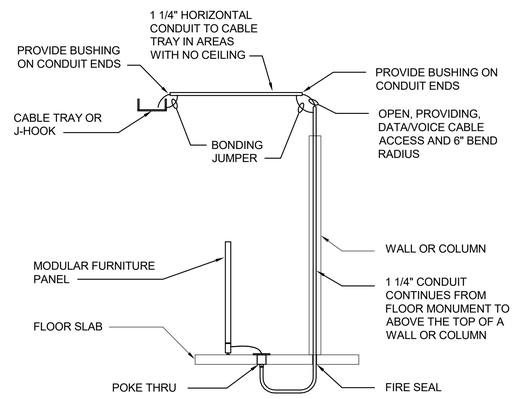
1. TELECOM GROUNDING BUSBAR (TGB) TO BE INSTALLED.
2. FURNISH AND INSTALL A MINIMUM OF A 6-AWG STRANDED GROUNDING CONDUCTOR AND A TWO (2) HOLE COPPER COMPRESSION LUG FOR EACH INDIVIDUAL EQUIPMENT RACK AND CABLE TRAY.
3. TELECOM CONTRACTOR SHALL GROUND LADDER RACKS, NETWORK RACK AND SERVER CABINET TO (TGB).

10 TELECOMMUNICATION GROUNDING DETAILS



REAR VIEW

11 TYPICAL EQUIPMENT RACK GROUNDING AND BONDING



12 TEL/DATA FURNITURE FLOOR FEED

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Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST A SAFEBUILT COMPANY
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INSPECTOR:					
DATE COMPLETED					

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SCALE
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VERT:

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BY PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

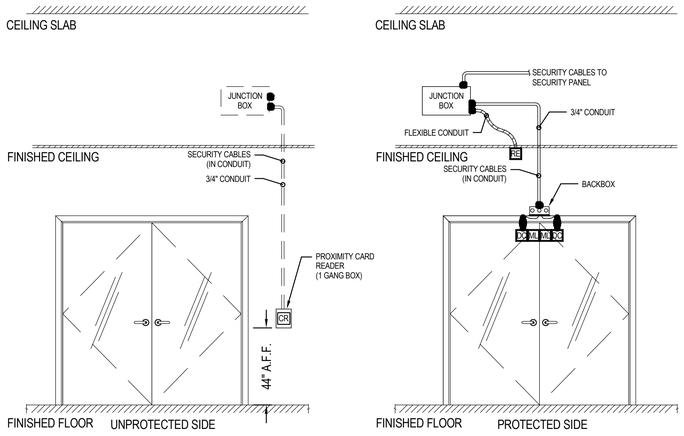
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SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY DETAILS

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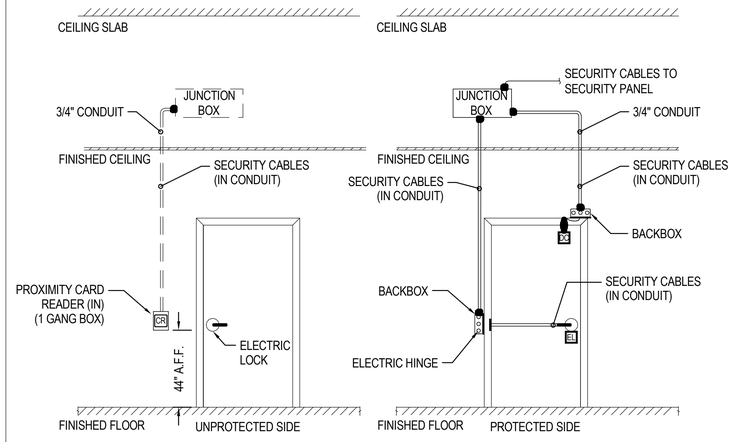
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NOTES:

1. CONDUITS SHOWN ALONG WALLS TO BE RECESSED INSIDE WALLS.

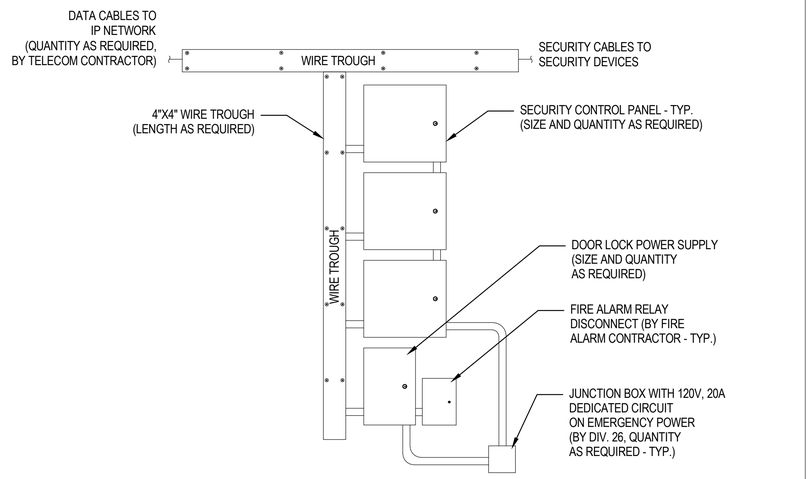
1 DOUBLE DOOR - MAGNETIC LOCK



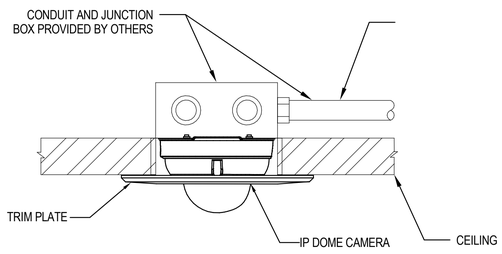
NOTES:

1. CONDUITS SHOWN ALONG WALLS TO BE RECESSED INSIDE WALLS.

2 SINGLE DOOR - ELECTROMECHANICAL LOCKSET



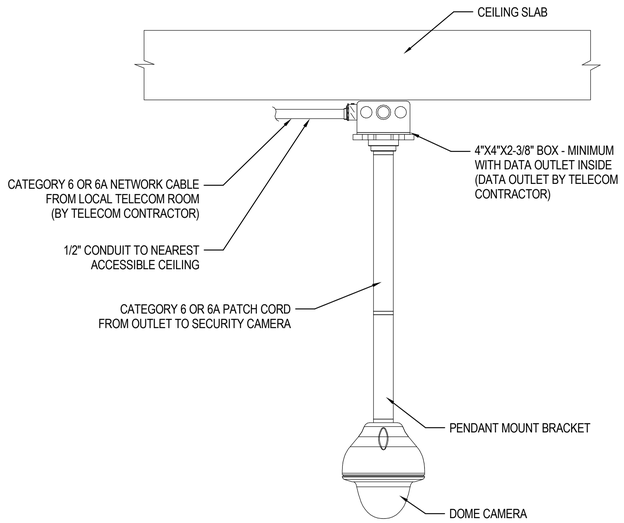
3 ACCESS CONTROL PANEL MOUNTING DETAIL



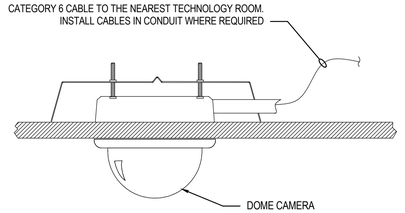
NOTES:

1. ALL CAMERA ASSEMBLIES SHALL BE FIRMLY ATTACHED TO SUBSTANTIAL WALL SURFACES OR STRUCTURAL MEMBERS.

4 CAMERA - FLUSH CEILING MOUNT



5 CAMERA - CEILING PENDANT MOUNT



6 CAMERA - IN CEILING FIXED INDOOR

PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
Plans are accepted for construction subject to the requirements of the California Housing Law and the building laws of the City of Santee, California. The stamping or watermarking of these plans and specifications SHALL NOT be held to permit or approve the violation of any City, County, State, Federal Laws or other restrictions.

APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
Approved
08/01/2025 3:22:23 PM

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: NONE	ER	HR	ER
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: T5.02
SHEET 292 OF 294

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY DETAILS

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-T-Santee Community Center-R20.rvt

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APPROVED FOR CONSTRUCTION
Permit # B-CNEW-23-0009
Reviewed by: ASadre
Date: Aug 22, 2025

INTERWEST
A Ashbaugh Company
Approved
08/01/2025 3:22:23 PM

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 50% CD 12/16/22	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
ER	HR	ER

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED 08/26/2025
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CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

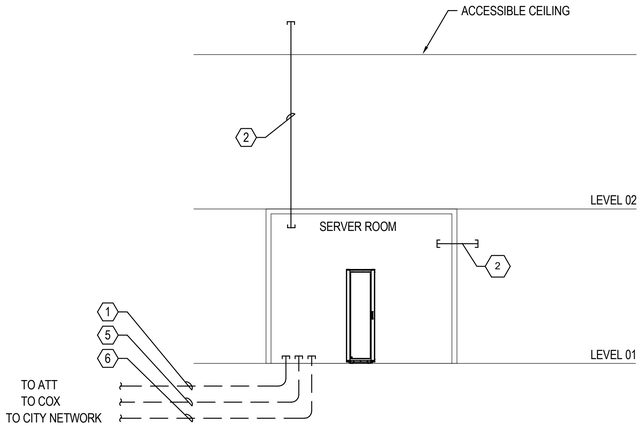
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: T5.03
SHEET 293 OF 294

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1 TELECOMMUNICATIONS CONDUIT SINGLE LINE DIAGRAM
SCALE: N.T.S.

2 TELECOMMUNICATIONS COPPER SINGLE LINE DIAGRAM
SCALE: N.T.S.

SHEET NOTES

SHEET KEYNOTES

1. (1) 4" CONDUIT TO AT&T. REFER TO SHEET T2.00 FOR CONDUIT PATHWAY.
2. (2) 4" SLEEVES FOR CAT6 HORIZONTAL CABLE DISTRIBUTION. CABLE PATHWAY TO BE DETERMINED BASED ON CABLE FEED AND LOCATION.
3. CAT 6 CABLE FOR CABLING DISTRIBUTION TO DEVICES.
4. NEW CAT6 OUTLETS.
5. (1) 4" CONDUIT TO COX. REFER TO SHEET T2.00 FOR CONDUIT PATHWAY.
6. (1) 2" CONDUIT TO CITY NETWORK. REFER TO SHEET T2.00 FOR CONDUIT PATHWAY.

INTERWEST
A RAFTELIS COMPANY
Approved
08/01/2025 3:22:23 PM

Santee
PLANS APPROVED BY THE CITY OF SANTEE BUILDING INSPECTION DIVISION SUBJECT TO THE FOLLOWING:
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APPROVED FOR CONSTRUCTION
Permit # B-C**NEW-23-0009**
Reviewed by: AS**adre**
Date: **Aug 22, 2025**

100% CONSTRUCTION DOCUMENTS - 08/25/2023

SANTEE COMMUNITY CENTER - TECHNOLOGY & SECURITY RISER DIAGRAM

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 100% CONSTRUCTION DOCUMENTS 01/12/2024	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: NONE
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
ER	HR	ER

PLANS PREPARED UNDER THE SUPERVISION OF
DATE
RCE NO. EXPIRES

REVIEWED 08/26/2025
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: T6.01
SHEET 294 OF 294

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