

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: 1-800-422-4133.
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 PACIFIC BELL TELEPHONE: 1-800-422-4133.
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: 448-3111.
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: 263-5793.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS, AND COORDINATE RELOCATIONS, 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. PHONE (619) 258-4100 EXT. 168.
- 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.
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 POSSESS A CLASS "A", OR A CLASS "C-27" LICENSE AT THE TIME THE CONTRACT IS AWARDED.

STORMWATER POLLUTION PREVENTION NOTES:

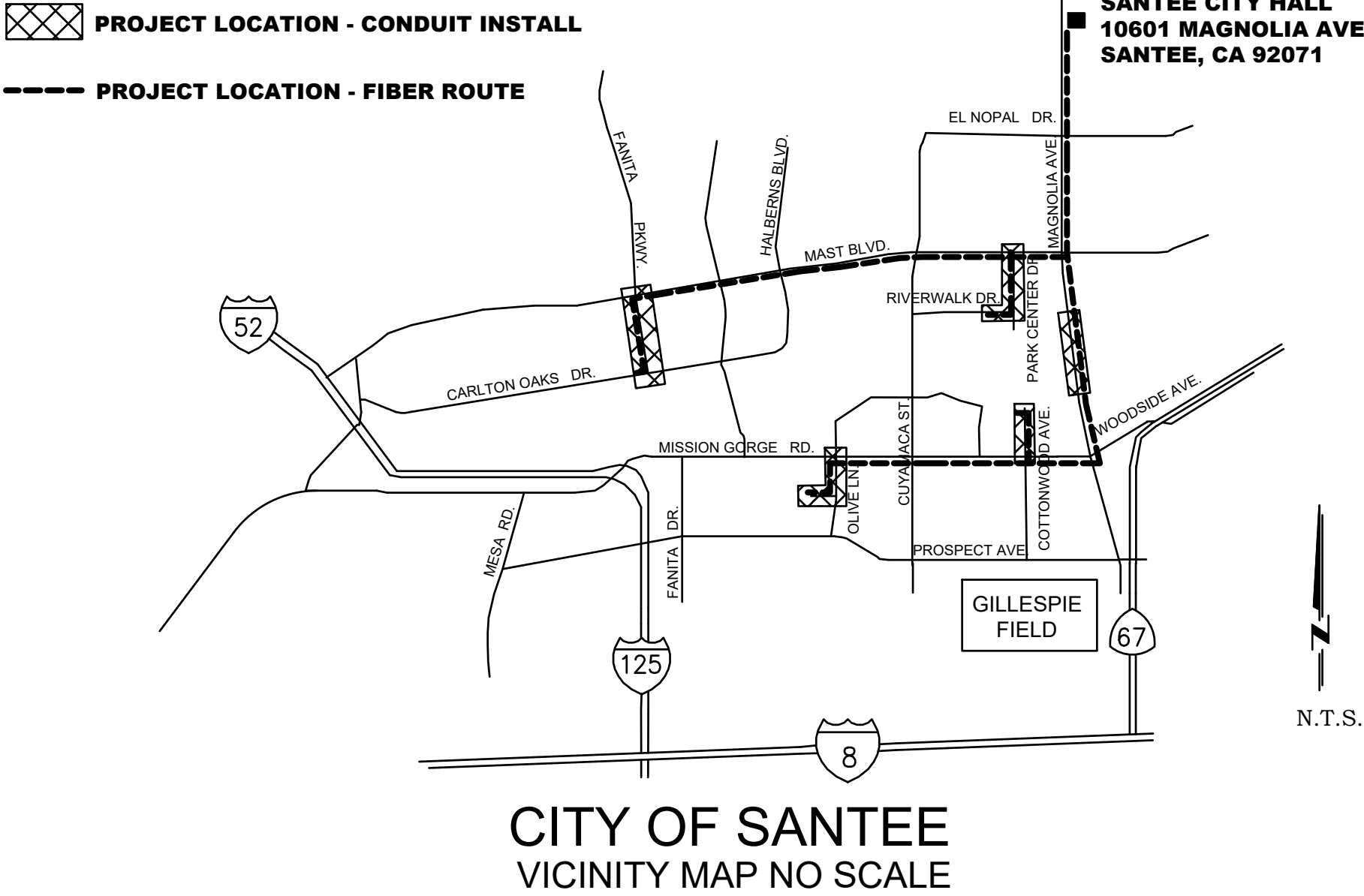
1. APPROPRIATE EROSION PREVENTION AND SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED AT ALL TIMES.
2. THE TOPS OF ALL SLOPES SHALL HAVE A DIKE OR TRENCH TO PREVENT WATER FROM FLOWING OVER THE CRESTS OF SLOPES.
3. CLEAN GRAVEL ONLY WILL BE USED IN GRAVEL BAGS.
4. CATCH BASINS, DESILTING BASINS, GRAVEL 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 SWEEPED 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, OR BY TEMPORARY EROSION CONTROL CONFORMING TO THE FOLLOWING:

NON-IRRIGATED HYDROSEED MIX

LBS. PER ACRE	% PURITY PER ACRE	SEED SPECIES
20	70% PLS.	ATRIPLEX GLAUCA
50		PLANTAGE INSULARIS
8		ENGELIS FARINOSA
6	SCARIFIED	LOTUS SCOPARIUS
7	50% PLS.	EXCHSCHOLTZIA CALIF.
91 LBS.		

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.

CITYWIDE FIBER COMMUNICATIONS
UPGRADE PROJECT
CIP 2022-55



STANDARD SPECIFICATIONS:

1. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK") 2023 EDITION.
2. STANDARD SPECIAL PROVISIONS.
3. CITY OF SANTEE DEVELOPMENT SERVICES STANDARDS, LATEST EDITION.
4. CALIFORNIA DEPARTMENT OF TRANSPORTATION, "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" LATEST EDITION.
5. 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, LATEST EDITION.
3. STANDARD DRAWINGS OF THE PADRE DAM MUNICIPAL WATER DISTRICT, WATER AGENCY STANDARDS, W.A.S.

ABBREVIATIONS:

AC	ASPHALT CONCRETE
C&G	CURB AND GUTTER
CB	CATCH BASIN
CBM	CONSTRUCTION BENCH MARK
CCH	CLOSET CONNECTOR HOUSING
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
SFO	SINGLE MODE FIBER OPTIC
SL	STREET LIGHT
TC	TOP OF CURB
TF	TOP OF FOOTING
X-ING	CROSSING

LEGEND

ITEM (RSD)	SYMBOL
EXIST TELEPHONE	T
EXIST CABLE TV.....	CATV
EXIST ELECTRIC.....	E
EXIST SANITARY SEWER.....	SS
EXIST WATER.....	W
EXIST GAS.....	G
EXIST RECYCLED WATER.....	RW
EXISTING STORM DRAIN.....	SD
EXISTING FIBEROPTIC CABLE CONDUIT.....	FO(E)
PROPOSED FIBEROPTIC CABLE CONDUIT.....	FO(N)
EXISTING PULL BOX.....	
PROPOSED PULL BOX OR VAULT.....	
CONSTRUCTION NOTE.....	X

* ALL DIMENSIONS IN FEET UNLESS OTHERWISE SHOWN

SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	FIBER OVERVIEW MAP
3	FIBER SPLICE DESIGN
4	FIRE STATION 5 AND FANITA PKWY
5	OPERATIONS YARD AND OLIVE LN / VIA ZAPADOR
6	COMMUNITY CENTER AND PARK CENTER DR / RIVERVIEW PKWY
7	FIRE STATION 4 AND COTTONWOOD AVE AND MAGNOLIA AVE AT MAST BLVD
8	MAGNOLIA AVE AND SAN DIEGO RIVER BRIDGE
9	DETAILS

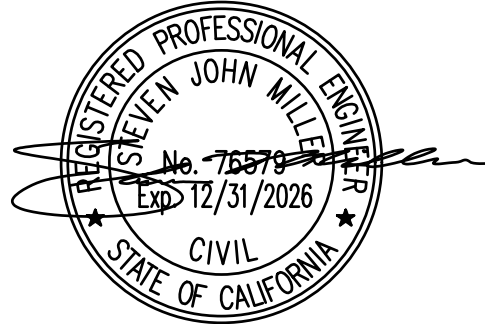
AS-BUILT

SIGNATURE RCE NUMBER DATE

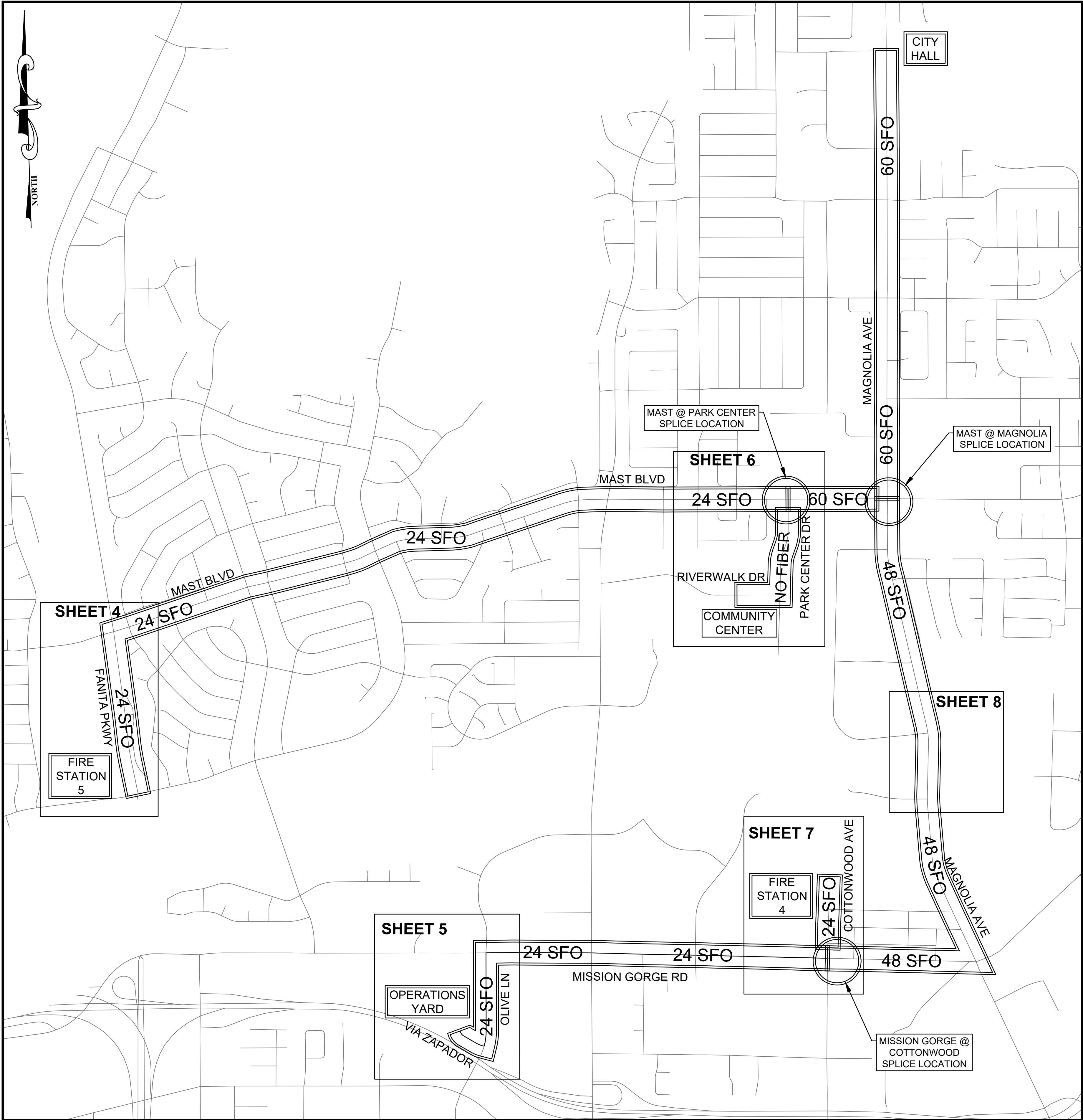
ENGINEER OF WORK'S DESIGN CERTIFICATION

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

SIGNED: Steven John Miller DATE: 12/1/25
R.C.E. # 76579 MY REGISTRATION EXPIRES ON 6/30/2026



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD	BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR _____								J. MORGAN	J. MORGAN	M. MEI	12/1/25	TITLE SHEET FOR:			
INSPECTOR _____								PLANS PREPARED UNDER THE SUPERVISION OF				CITYWIDE FIBER COMMUNICATIONS UPGRADES		CIP 2022-55	2025-237
DATE COMPLETED _____								STEVEN MILLER							SHEET 1 OF 9
								RCE NO. 76579							
								DATE 12/1/25							
								EXPIRES 6/30/26							



SPLICE LOCATION NOTE

CITY HALL

- ROUTE FIBER THROUGH EXISTING CONDUIT INTO SERVER ROOM IN BUILDING 5
- FURNISH AND INSTALL FIVE (5) FIBER SPLICE CASSETTES INTO EXISTING CCH-03U ENCLOSURE AND SPLICE IN ALL 60 NEW FIBERS

FIRE STATION 4

- ROUTE FIBER THROUGH NEW CONDUIT INTO ELECTRICAL ROOM AND THEN ROUTE THROUGH BUILDING RAFTERS TO SERVER LOCATION
- FURNISH AND INSTALL ONE (1) NEW CCH-01U SPLICE ENCLOSURE
- FURNISH AND INSTALL TWO (2) FIBER SPLICE CASSETTES INTO EXISTING CCH ENCLOSURE AND SPLICE IN ALL 24 NEW FIBERS

FIRE STATION 5

- ROUTE FIBER THROUGH NEW CONDUIT INTO THE BUILDING AND THEN ROUTE THROUGH BUILDING RAFTERS TO SERVER LOCATION
- FURNISH AND INSTALL ONE (1) NEW CCH-01U SPLICE ENCLOSURE
- FURNISH AND INSTALL TWO (2) FIBER SPLICE CASSETTES INTO EXISTING CCH ENCLOSURE AND SPLICE IN ALL 24 NEW FIBERS

OPERATIONS YARD

- ROUTE FIBER THROUGH NEW CONDUIT INTO THE BUILDING AND THEN ROUTE THROUGH BUILDING RAFTERS TO SERVER LOCATION
- FURNISH AND INSTALL ONE (1) NEW CCH-01U SPLICE ENCLOSURE
- FURNISH AND INSTALL TWO (2) FIBER SPLICE CASSETTES INTO EXISTING CCH ENCLOSURE AND SPLICE IN ALL 24 NEW FIBERS

MAST @ PARK CENTER SPLICE LOCATION

- FURNISH AND INSTALL NEW FIBER SPLICE VAULT AND REMOVE EXISTING TYPE 6 PULL BOX
- FURNISH AND INSTALL SPLICE CLOSURE
- SPLICE ALL FIBERS AS SHOWN ON SPLICE OVERVIEW SHEET 3

MAST @ MAGNOLIA SPLICE LOCATION

- FURNISH AND INSTALL NEW FIBER SPLICE VAULT AND REMOVE EXISTING TYPE 6 PULL BOX
- FURNISH AND INSTALL SPLICE CLOSURE
- SPLICE ALL FIBERS AS SHOWN ON SPLICE OVERVIEW SHEET 3

MISION GORGE @ COTTONWOOD SPLICE LOCATION

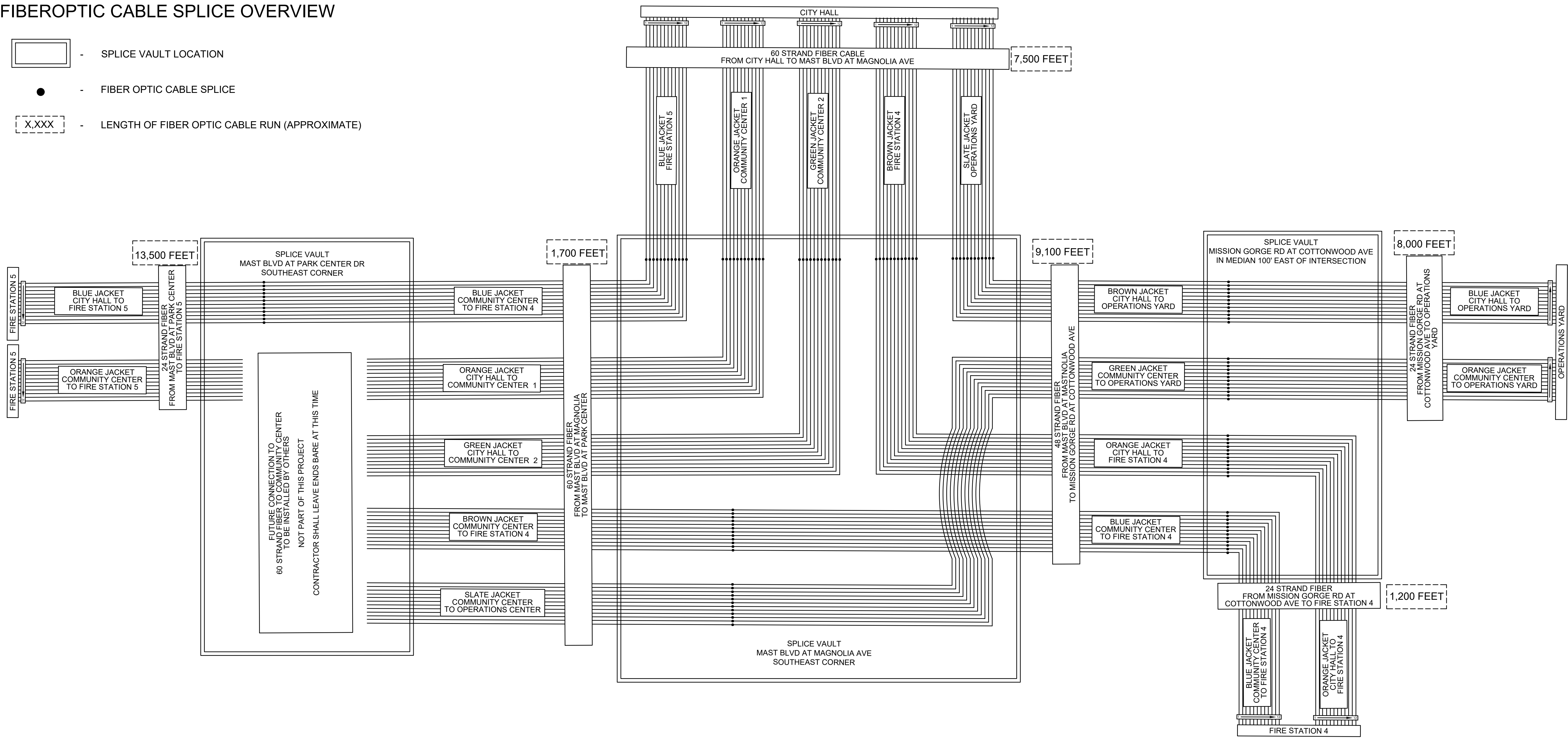
- FURNISH AND INSTALL SPLICE CLOSURE INSIDE EXISTING VAULT
- SPLICE IN FIBERS AS SHOWN ON SPLICE OVERVIEW SHEET 3

CONSTRUCTION RECORD		REFERENCES	DATE	BY	REVISIONS	ACPTD	BENCH MARK		SCALE	DESIGNED BY J. MORGAN	DRAWN BY J. MORGAN	CHECKED BY M. MEI	REVIEWED 12/1/25	CITY OF SANTEE		DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR									HORIZ: N/A	PLANS PREPARED UNDER THE SUPERVISION OF STEVEN MILLER		DATE 12/1/25	BY <i>J. Morgan</i> PROJECT ENGINEER	IMPROVEMENT PLANS FOR: CITYWIDE FIBER COMMUNICATIONS UPGRADES			CIP 2022-55	2025-238
INSPECTOR									VERT: N/A	RCE NO. 76579		EXPIRES 6/30/26						SHEET 2 OF 9
DATE COMPLETED																		

FIBEROPTIC CABLE SPLICE OVERVIEW

- SPLICE VAULT LOCATION
- FIBER OPTIC CABLE SPLICE
- X.XXX

- LENGTH OF FIBER OPTIC CABLE RUN (APPROXIMATE)



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR _____					
INSPECTOR _____					
DATE COMPLETED _____					

BENCH MARK

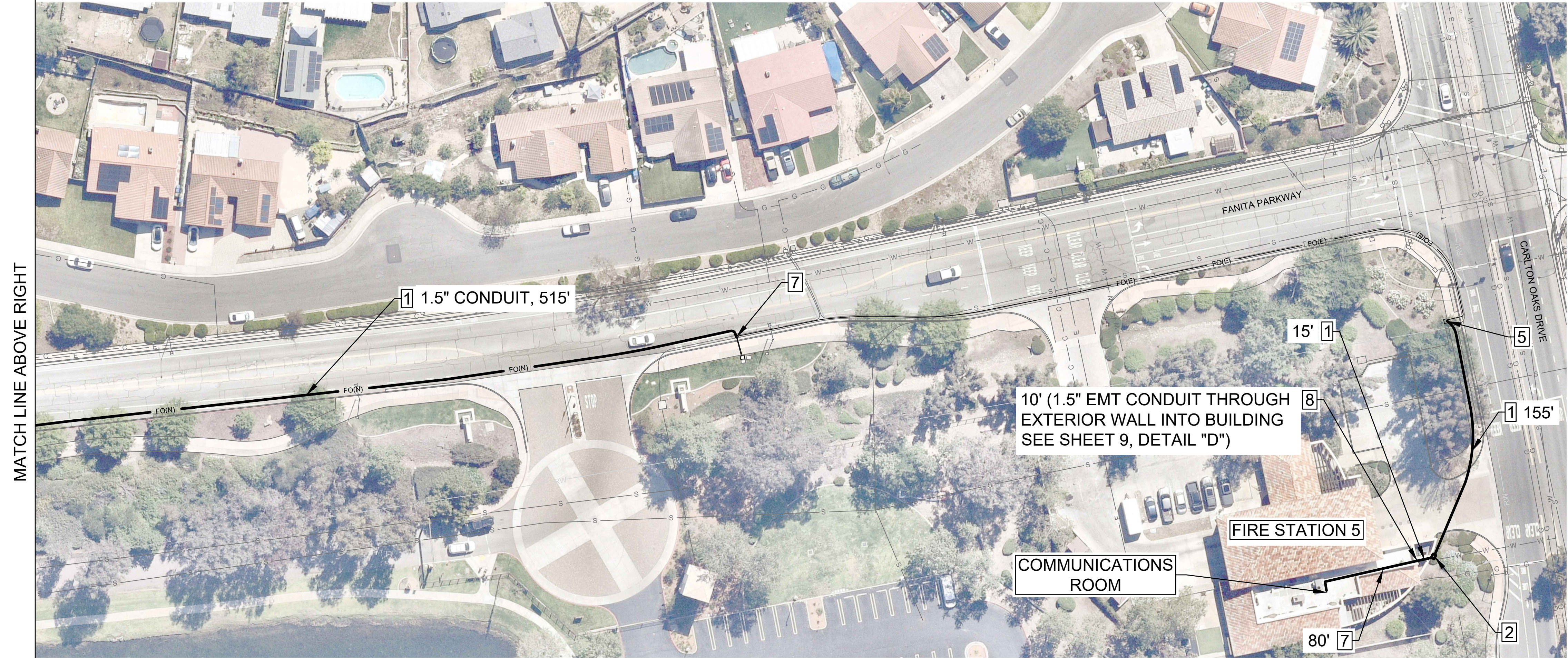
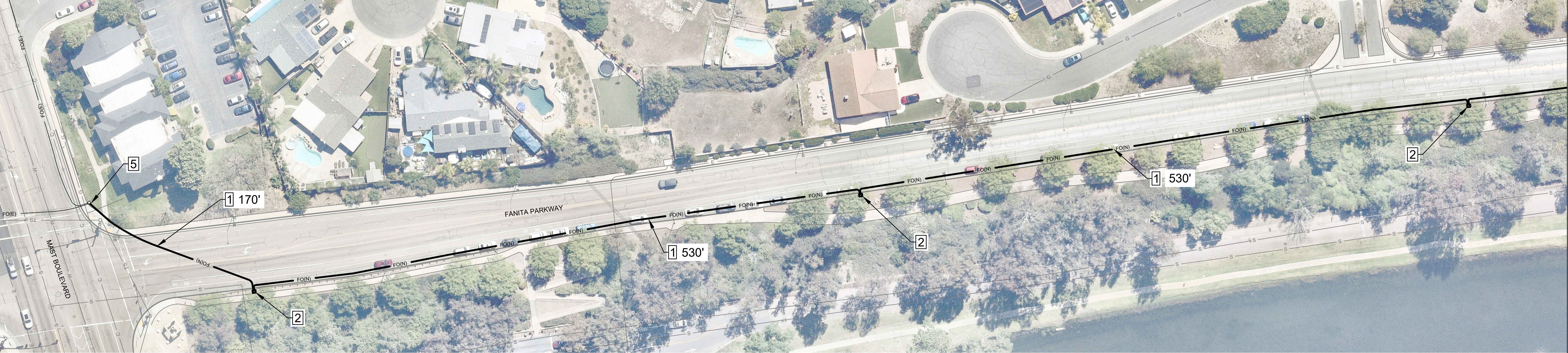
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: N/A	J. MORGAN	J. MORGAN	M. MEI
VERT: N/A	PLANS PREPARED UNDER THE SUPERVISION OF STEVEN MILLER	DATE 12/1/25	
	RCE NO. 76579	EXPIRES 6/30/26	

REVIEWED 12/1/25	BY <i>J. Morgan</i>
	PROJECT ENGINEER

CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:	
CITYWIDE FIBER COMMUNICATIONS UPGRADES	

CITY W.O. NO.	DRAWING NO.
CIP 2022-55	2025-239
	SHEET 3 OF 9


FIRE STATION 5
MAST BOULEVARD, FANITA PARKWAY AND CARLTON OAKS DRIVE



- GENERAL NOTES:**
- ① SEE PROJECT SPECIFICATIONS FULL RESTORATION DETAILS.
 - ② ALL CONCRETE REPAIRS SHALL BE FULL WIDTH AND JOINT TO JOINT.
 - ③ ALL TRENCH REPAIRS SHALL BE IN ACCORDANCE TO CITY OF SANTEE PUBLIC WORKS STANDARD PW-01.
 - ④ ALL NARROW TRENCH (6" MAXIMUM) REPAIRS SHALL BE IN ACCORDANCE TO CITY OF SANTEE PUBLIC WORKS STANDARD PW-02.
 - ⑤ ALL POT HOLE LOCATIONS SHALL BE REPAIRED PER CITY OF SANTEE PUBLIC WORKS STANDARD PW-046. POT HOLES WITHIN 6 FEET OF EACH OF OTHER SHALL HAVE THE CAPS COMBINED.
 - ⑥ ALL PULL BOXES SHALL BE INSTALLED ON A 6" BEDDING OF ROCK AND THE BOTTOMS SHALL BE GROUTED WITH A WEEP HOLE.
 - ⑦ ALL CONDUITS SHALL HAVE END BELLS AND BE SEALED WITH DUCT SEAL.

- CONSTRUCTION NOTES:**
- ① INSTALL NEW COMMUNICATIONS CONDUIT. CONDUIT SIZE SHALL BE 2" UNLESS INDICATED OTHERWISE ON PLAN. THE APPROXIMATE LENGTHS ARE INDICATED ON THE PLAN.
 - ② FURNISH AND INSTALL TYPE 6 PULLBOX (UNLESS OTHERWISE STATED) AND COVER PER CALTRANS STANDARD PLANS ES-8. COVER SHALL BE MARKED WITH "COMMUNICATIONS"
 - ③ REPLACE EXISTING PULLBOX WITH TYPE 6 PULLBOX (UNLESS OTHERWISE STATED) AND COVER PER CALTRANS STANDARD PLANS ES-8. COVER SHALL BE MARKED WITH "SANTEE COMMUNICATIONS"
 - ④ REPLACE EXISTING TYPE 6 PULLBOX WITH NEW FIBER SPLICE BOX.
 - ⑤ INSTALL NEW CONDUIT INTO EXISTING PULLBOX.
 - ⑥ CONNECT TO EXISTING CONDUIT.
 - ⑦ INSTALL FIBER INSIDE BUILDING. APPROXIMATE LENGTHS INDICATED ON THE PLAN.
 - ⑧ INSTALL METAL CONDUIT (1.5" EMT)



CONSTRUCTION RECORD				REFERENCES	DATE	BY	REVISIONS	ACPTD	BENCH MARK				SCALE			DESIGNED BY		DRAWN BY		CHECKED BY		REVIEWED		CITY OF SANTEE		DEPARTMENT OF DEVELOPMENT SERVICES		CITY W.O. NO.		DRAWING NO.		
CONTRACTOR														HORIZ: 1:40			J. MORGAN			J. MORGAN			M. MEI		12/1/25		IMPROVEMENT PLANS FOR:		CIP 2022-55		2025-240	
INSPECTOR														VERT: N/A			STEVEN MILLER			DATE: 12/1/25			BY: 		CITYWIDE FIBER COMMUNICATIONS UPGRADES							
DATE COMPLETED																	RCE NO. 76579			EXPIRES 6/30/26			PROJECT ENGINEER						SHEET 4 OF 9			

OPERATIONS CENTER
MISSION GORGE ROAD, OLIVE LANE AND VIA ZAPADOR

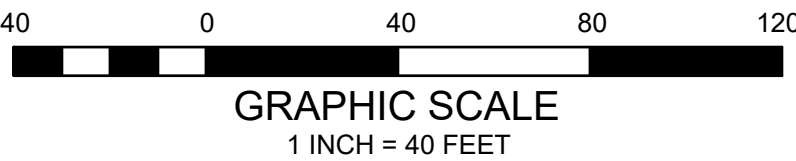


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- 4 ALL NARROW TRENCH (6" MAXIMUM) REPAIRS SHALL BE IN ACCORDANCE TO CITY OF SANTEE PUBLIC WORKS STANDARD PW-02.
- 5 ALL POTHOLE LOCATIONS SHALL BE REPAIRED PER CITY OF SANTEE PUBLIC WORKS STANDARD PW-046. POT HOLES WITHIN 6 FEET OF EACH OF OTHER SHALL HAVE THE CAPS COMBINED.
- 6 ALL PULL BOXES SHALL BE INSTALLED ON A 6" BEDDING OF ROCK AND THE BOTTOMS SHALL BE GROUTED WITH A WEEP HOLE.
- 7 ALL CONDUITS SHALL HAVE END BELLS AND BE SEALED WITH DUCT SEAL.

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- 2 FURNISH AND INSTALL TYPE 6 PULLBOX (UNLESS OTHERWISE STATED) AND COVER PER CALTRANS STANDARD PLANS ES-8. COVER SHALL BE MARKED WITH "COMMUNICATIONS"
- 3 REPLACE EXISTING PULLBOX WITH TYPE 6 PULLBOX (UNLESS OTHERWISE STATED) AND COVER PER CALTRANS STANDARD PLANS ES-8. COVER SHALL BE MARKED WITH "SANTEE COMMUNICATIONS"
- 4 REPLACE EXISTING TYPE 6 PULLBOX WITH NEW FIBER SPLICE BOX.
- 5 INSTALL NEW CONDUIT INTO EXISTING PULLBOX.
- 6 CONNECT TO EXISTING CONDUIT.
- 7 INSTALL FIBER INSIDE BUILDING. APPROXIMATE LENGTHS INDICATED ON THE PLAN.
- 8 INSTALL METAL CONDUIT (1.5" EMT)



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR					
INSPECTOR					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/40	J. MORGAN	J. MORGAN	M. MEI
VERT: N/A	PLANS PREPARED UNDER THE SUPERVISION OF STEVEN MILLER RCE NO. 76579		
	DATE 12/1/25	EXPIRES 6/30/26	

REVIEWED	12/1/25
BY	<i>J. D. S.</i>
	PROJECT ENGINEER

CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: CITYWIDE FIBER COMMUNICATIONS UPGRADES	

CITY W.O. NO.	DRAWING NO.
CIP 2022-55	2025-241
	SHEET 5 OF 9

FUTURE COMMUNITY CENTER
MAST BOULEVARD, PARK CENTER DRIVE AND RIVERWALK DRIVE

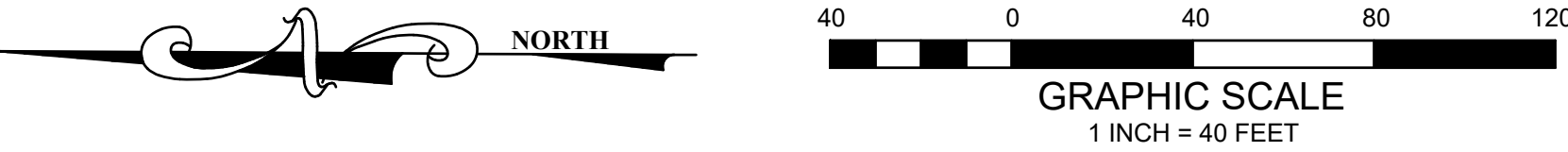


GENERAL NOTES:

- 1 SEE PROJECT SPECIFICATIONS FULL RESTORATION DETAILS.
- 2 ALL CONCRETE REPAIRS SHALL BE FULL WIDTH AND JOINT TO JOINT.
- 3 ALL TRENCH REPAIRS SHALL BE IN ACCORDANCE TO CITY OF SANTEE PUBLIC WORKS STANDARD PW-01.
- 4 ALL NARROW TRENCH (6" MAXIMUM) REPAIRS SHALL BE IN ACCORDANCE TO CITY OF SANTEE PUBLIC WORKS STANDARD PW-02.
- 5 ALL POT HOLE LOCATIONS SHALL BE REPAIRED PER CITY OF SANTEE PUBLIC WORKS STANDARD PW-046. POT HOLES WITHIN 6 FEET OF EACH OF OTHER SHALL HAVE THE CAPS COMBINED.
- 6 ALL PULL BOXES SHALL BE INSTALLED ON A 6" BEDDING OF ROCK AND THE BOTTOMS SHALL BE GROUTED WITH A WEEP HOLE.
- 7 ALL CONDUITS SHALL HAVE END BELLS AND BE SEALED WITH DUCT SEAL.

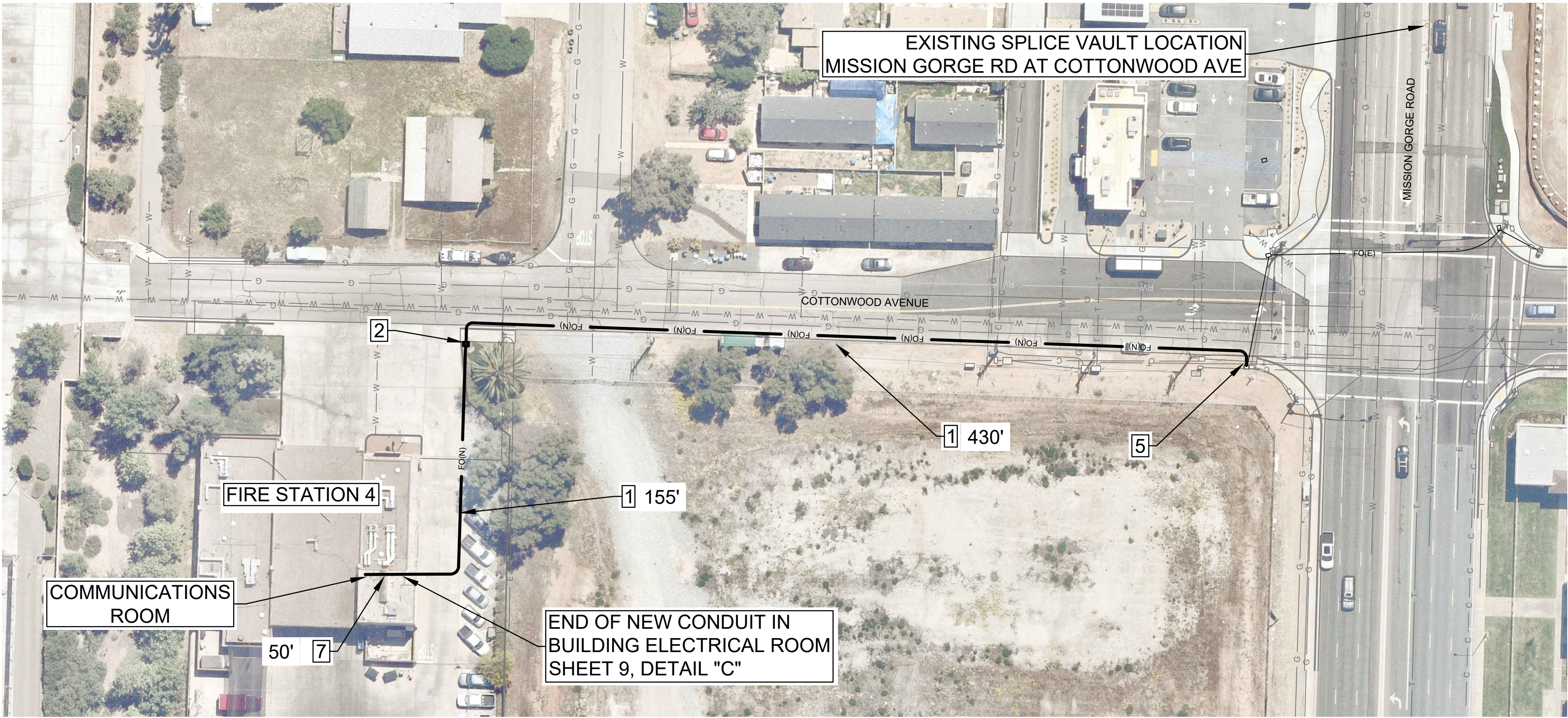
CONSTRUCTION NOTES:

- 1 INSTALL NEW COMMUNICATIONS CONDUIT. CONDUIT SIZE SHALL BE 2" UNLESS INDICATED OTHERWISE ON PLAN. THE APPROXIMATE LENGTHS ARE INDICATED ON THE PLAN.
- 2 FURNISH AND INSTALL TYPE 6 PULLBOX (UNLESS OTHERWISE STATED) AND COVER PER CALTRANS STANDARD PLANS ES-8. COVER SHALL BE MARKED WITH "COMMUNICATIONS"
- 3 REPLACE EXISTING PULLBOX WITH TYPE 6 PULLBOX (UNLESS OTHERWISE STATED) AND COVER PER CALTRANS STANDARD PLANS ES-8. COVER SHALL BE MARKED WITH "SANTEE COMMUNICATIONS"
- 4 REPLACE EXISTING TYPE 6 PULLBOX WITH NEW FIBER SPLICE BOX.
- 5 INSTALL NEW CONDUIT INTO EXISTING PULLBOX.

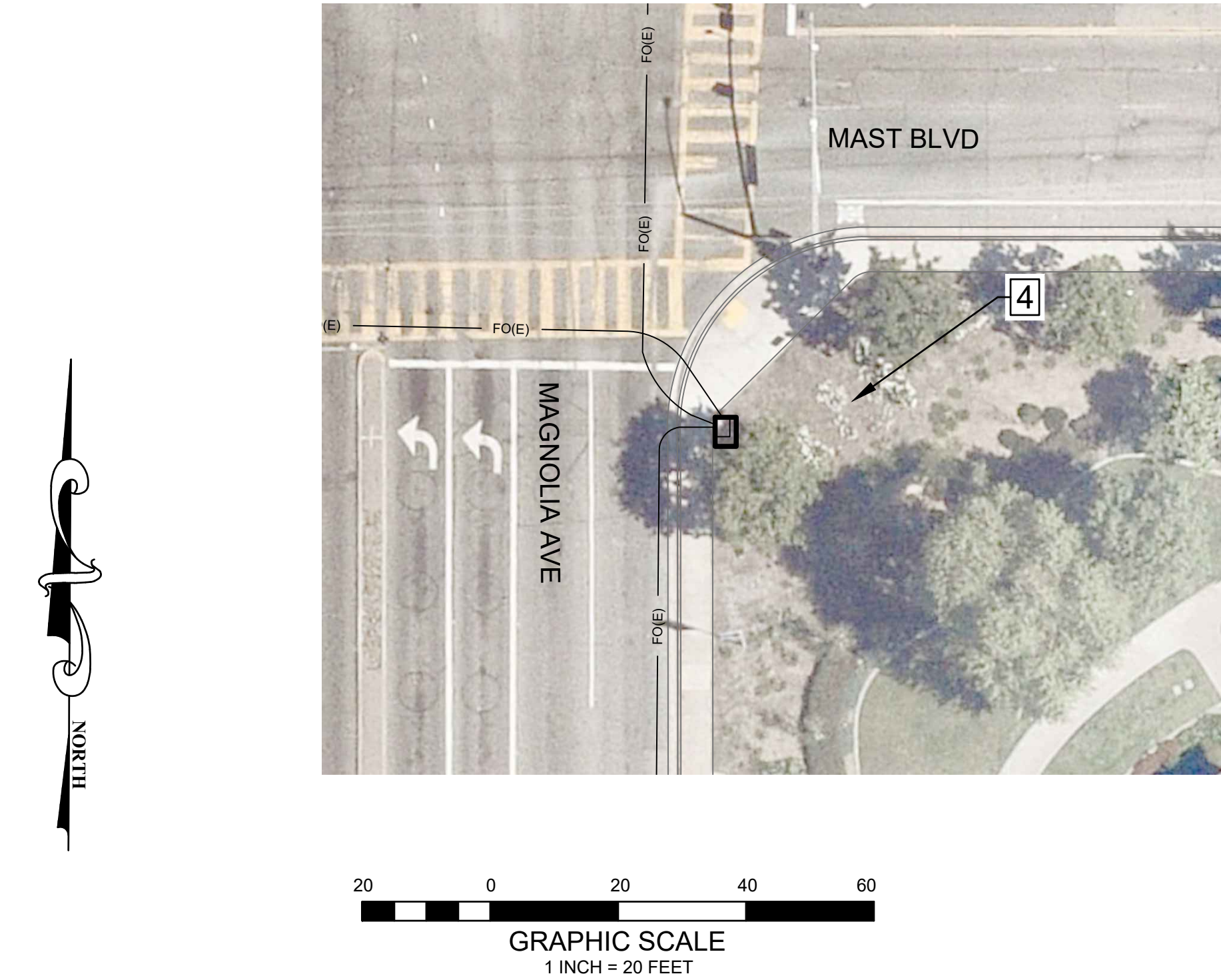


CONSTRUCTION RECORD		REFERENCES	DATE	BY	REVISIONS	ACPTD	BENCH MARK		SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	CITY OF SANTEE		DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR									HORIZ: 1/40	J. MORGAN	J. MORGAN	M. MEI	12/1/25	IMPROVEMENT PLANS FOR:			CIP 2022-55	2025-242
INSPECTOR									VERT: N/A	PLANS PREPARED UNDER THE SUPERVISION OF	DATE	EXPIRES	BY	CITYWIDE FIBER COMMUNICATIONS UPGRADES				SHEET 6 OF 9
DATE COMPLETED										RCE NO. 76579	12/1/25	6/30/26	PROJECT ENGINEER					

FIRE STATION 4
MISSION GORGE ROAD AND COTTONWOOD AVENUE



FIBER VAULT: MAST BLVD AT MAGNOLIA AVE SOUTHEAST CORNER



GENERAL NOTES:

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- 7 ALL CONDUITS SHALL HAVE END BELLS AND BE SEALED WITH DUCT SEAL.

CONSTRUCTION NOTES:

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CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR _____					
INSPECTOR _____					
DATE COMPLETED _____					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/40	J. MORGAN	J. MORGAN	M. MEI
VERT: N/A	PLANS PREPARED UNDER THE SUPERVISION OF STEVEN MILLER	DATE 12/1/25	EXPIRES 6/30/26
	RCE NO. 76579		

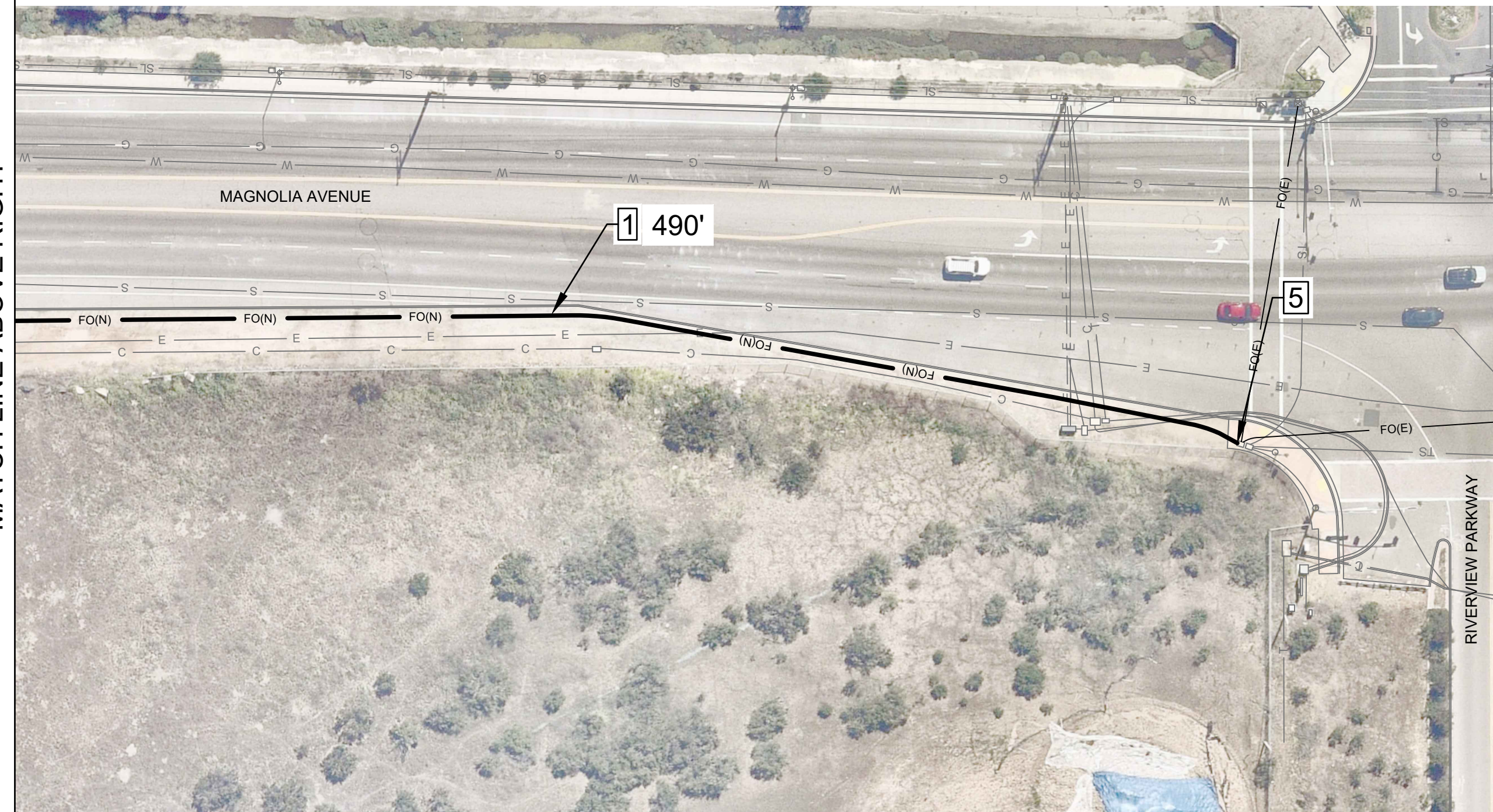
REVIEWED	12/1/25
BY	<i>[Signature]</i>
	PROJECT ENGINEER

CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
IMPROVEMENT PLANS FOR: CITYWIDE FIBER COMMUNICATIONS UPGRADES		CIP 2022-55	2025-243
			SHEET 7 OF 9

MAGNOLIA AVE
SAN DIEGO RIVER BRIDGE AND MAGNOLIA AVENUE



MATCH LINE BELOW LEFT



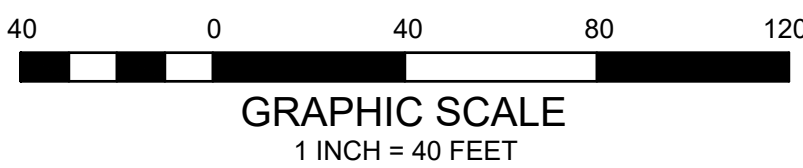
GENERAL NOTES:

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CONSTRUCTION NOTES:

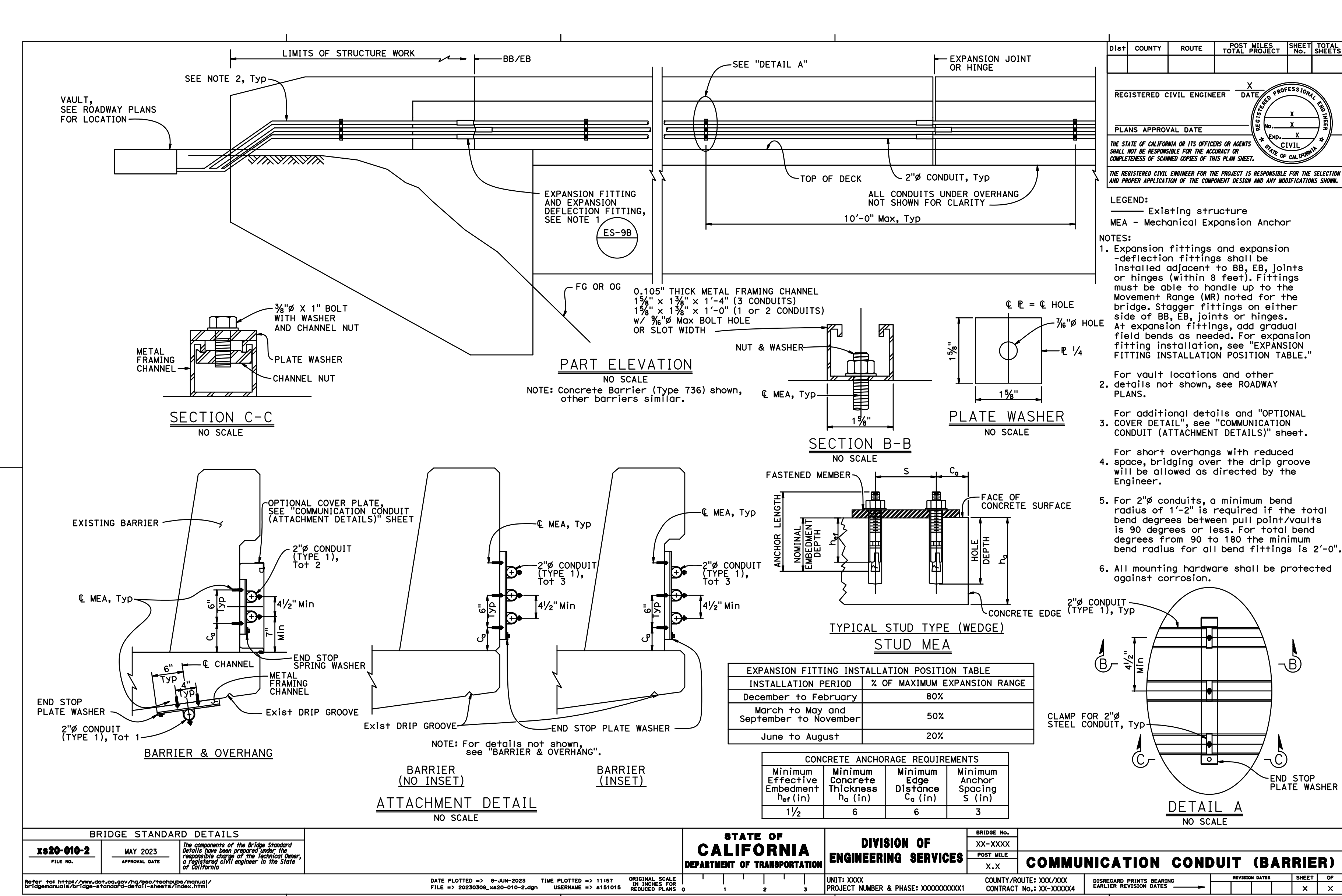
- 1 INSTALL NEW COMMUNICATIONS CONDUIT. CONDUIT SIZE SHALL BE 2" UNLESS INDICATED OTHERWISE ON PLAN. THE APPROXIMATE LENGTHS ARE INDICATED ON THE PLAN.
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- 6 CONNECT TO EXISTING CONDUIT.
- 7 INSTALL FIBER INSIDE BUILDING. APPROXIMATE LENGTHS INDICATED ON THE PLAN.
- 8 INSTALL METAL CONDUIT (1.5" EMT)
- 9 INSTALL METAL CONDUIT (2" GALVANIZED STEEL CONDUIT CALTRANS TYPE 1) ON EXISTING METAL FRAME CHANNEL PER CALTRANS BRIDGE STANDARD DESIGN XS20-010-2. CONDUIT SHALL BE RUN INTO THE GROUND TO THE PULL BOXES SHOWN ON PLANS AT EITHER END OF THE BRIDGE. SEE SHEET 9 DETAIL "A"
- 10 INSTALL METAL CONDUIT EXPANSION COUPLING WITH A MINIMUM OF 4" OF TRAVEL EACH AT BB, EB AND AT EXPANSION JOINT OF THE BRIDGE.

MATCH LINE ABOVE RIGHT

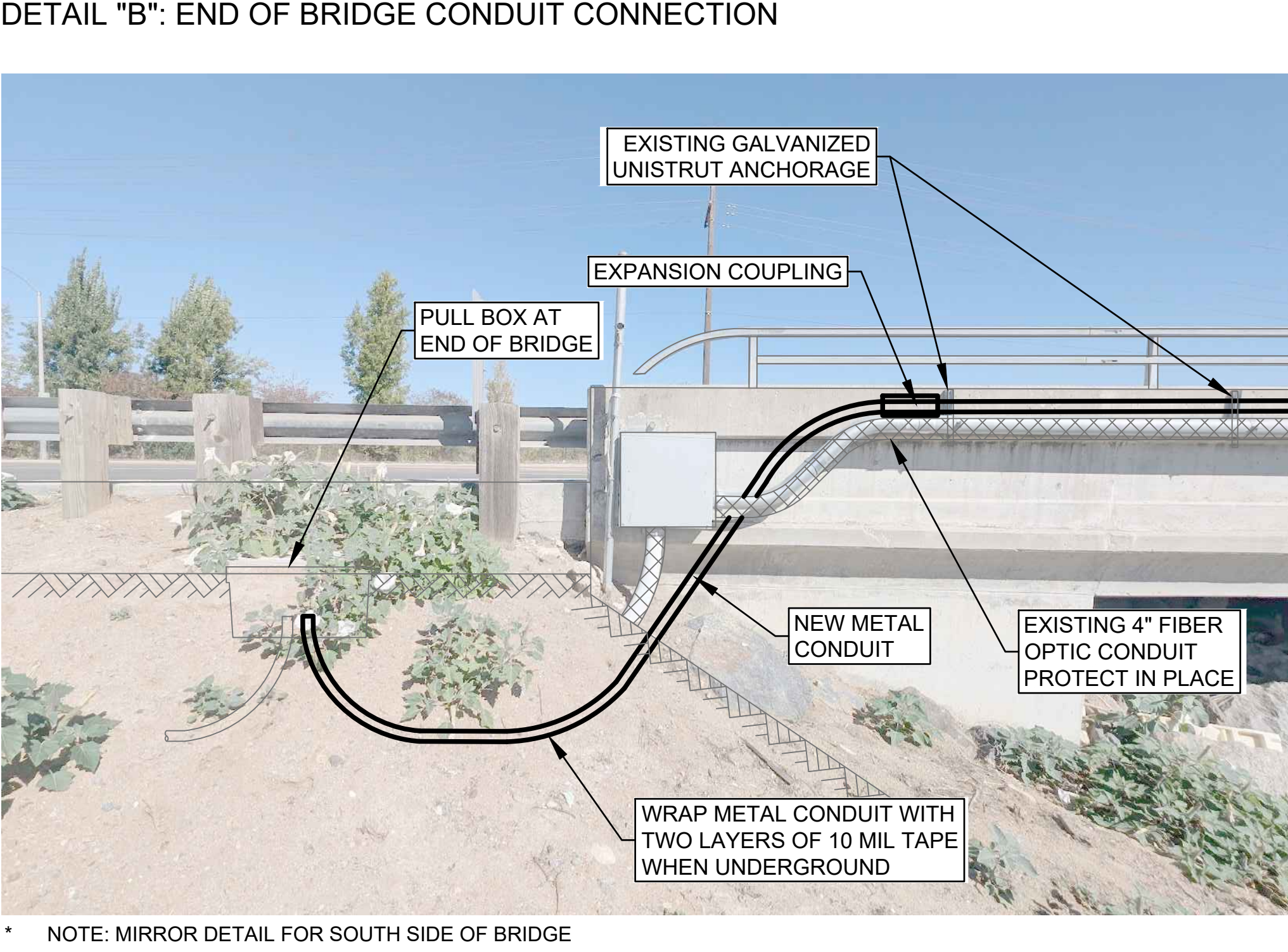


CONSTRUCTION RECORD		REFERENCES	DATE	BY	REVISIONS	ACPTD	BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR								HORIZ: 1/40	J. MORGAN	J. MORGAN	M. MEI	12/1/25	IMPROVEMENT PLANS FOR:		CIP 2022-55	2025-244
INSPECTOR								VERT: N/A	PLANS PREPARED UNDER THE SUPERVISION OF	STEVEN MILLER	DATE	12/1/25	CITYWIDE FIBER COMMUNICATIONS UPGRADES			
DATE COMPLETED									RCE NO.	76579	EXPIRES	6/30/26				SHEET 8 OF 9

DETAIL "A": CALTRANS BRIDGE DESIGN DETAIL XS20-010-2

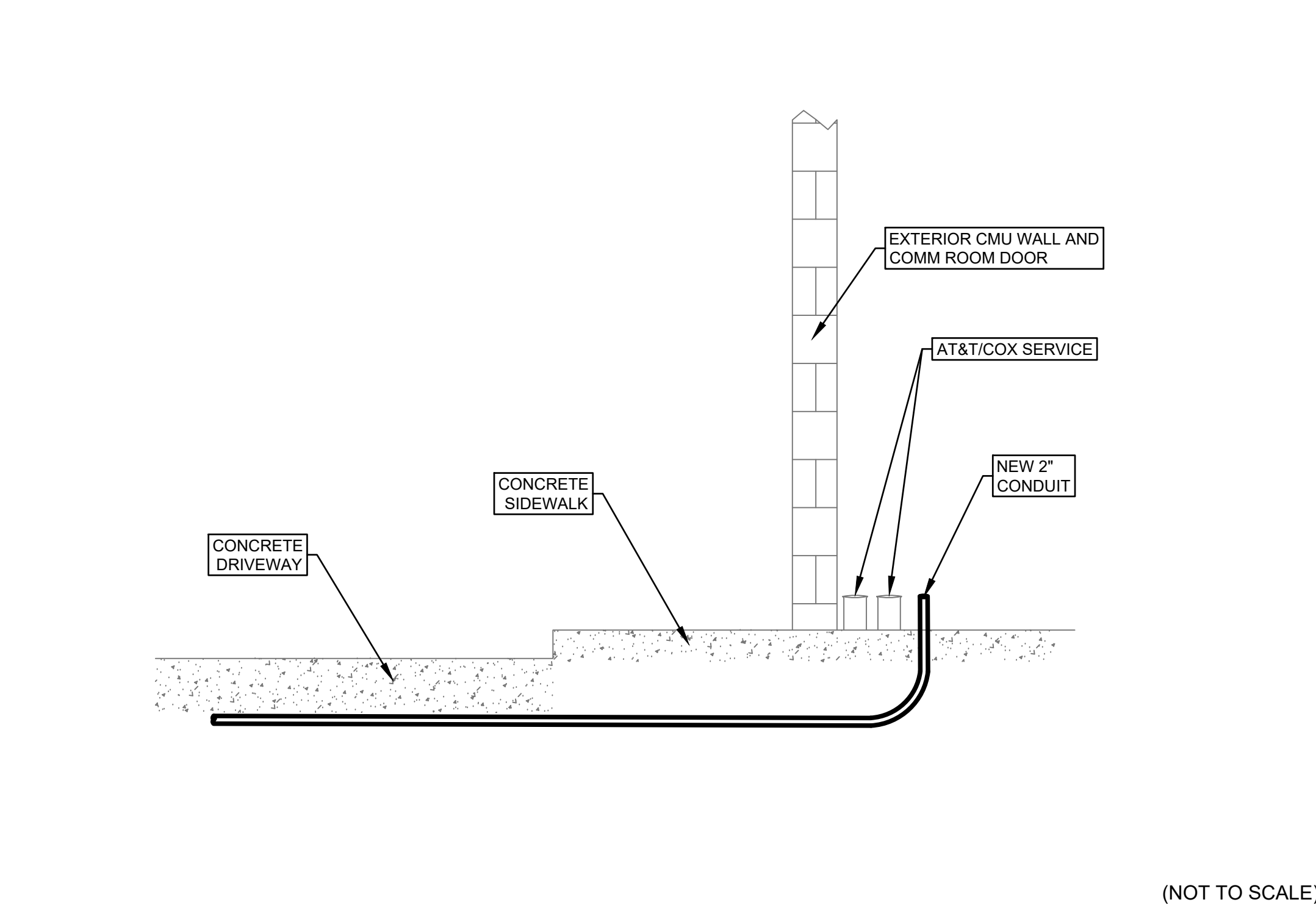


DETAIL "B": END OF BRIDGE CONDUIT CONNECTION



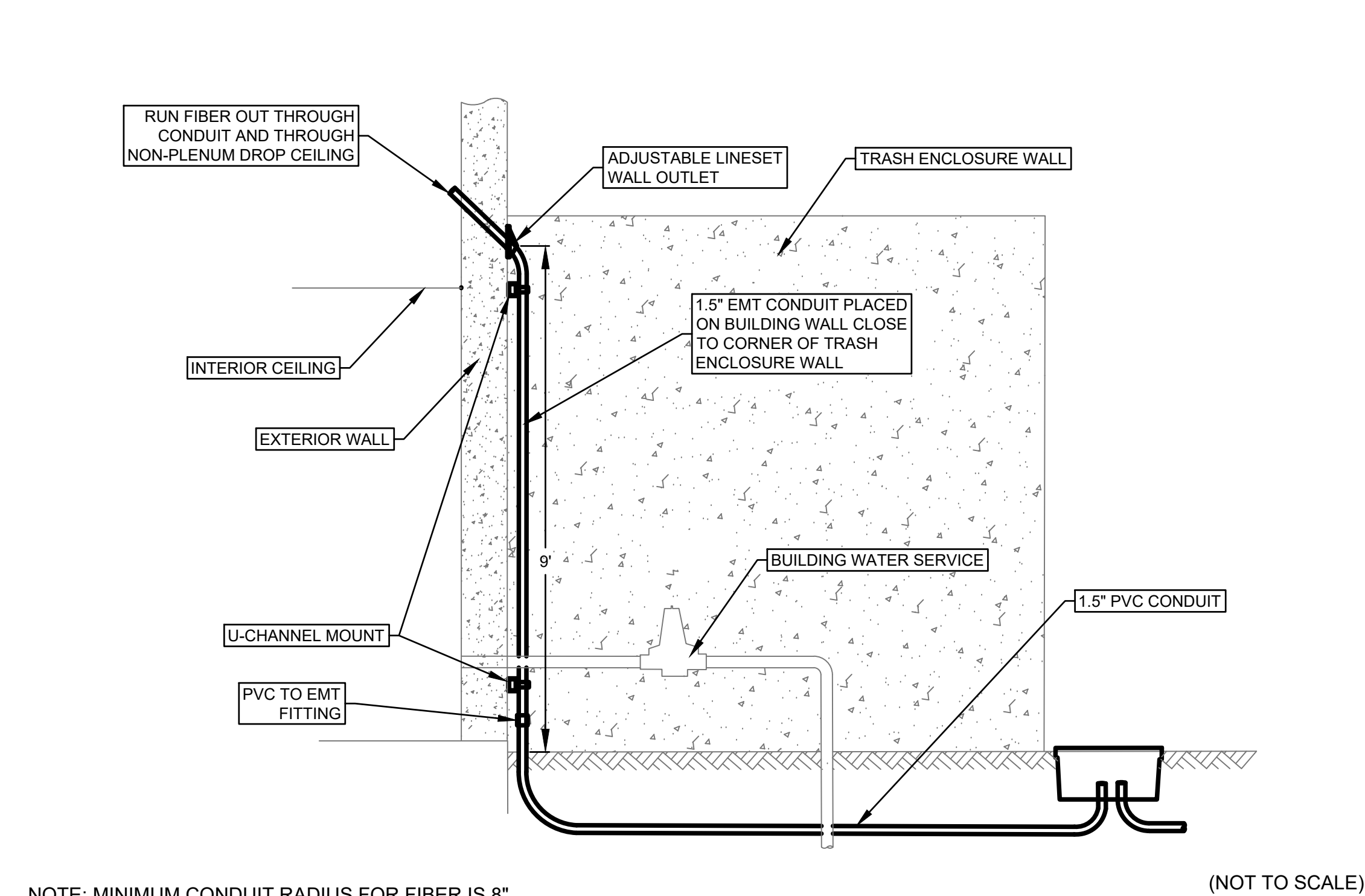
* NOTE: MIRROR DETAIL FOR SOUTH SIDE OF BRIDGE

DETAIL "C": FIRE STATION 4 BUILDING ENTRY



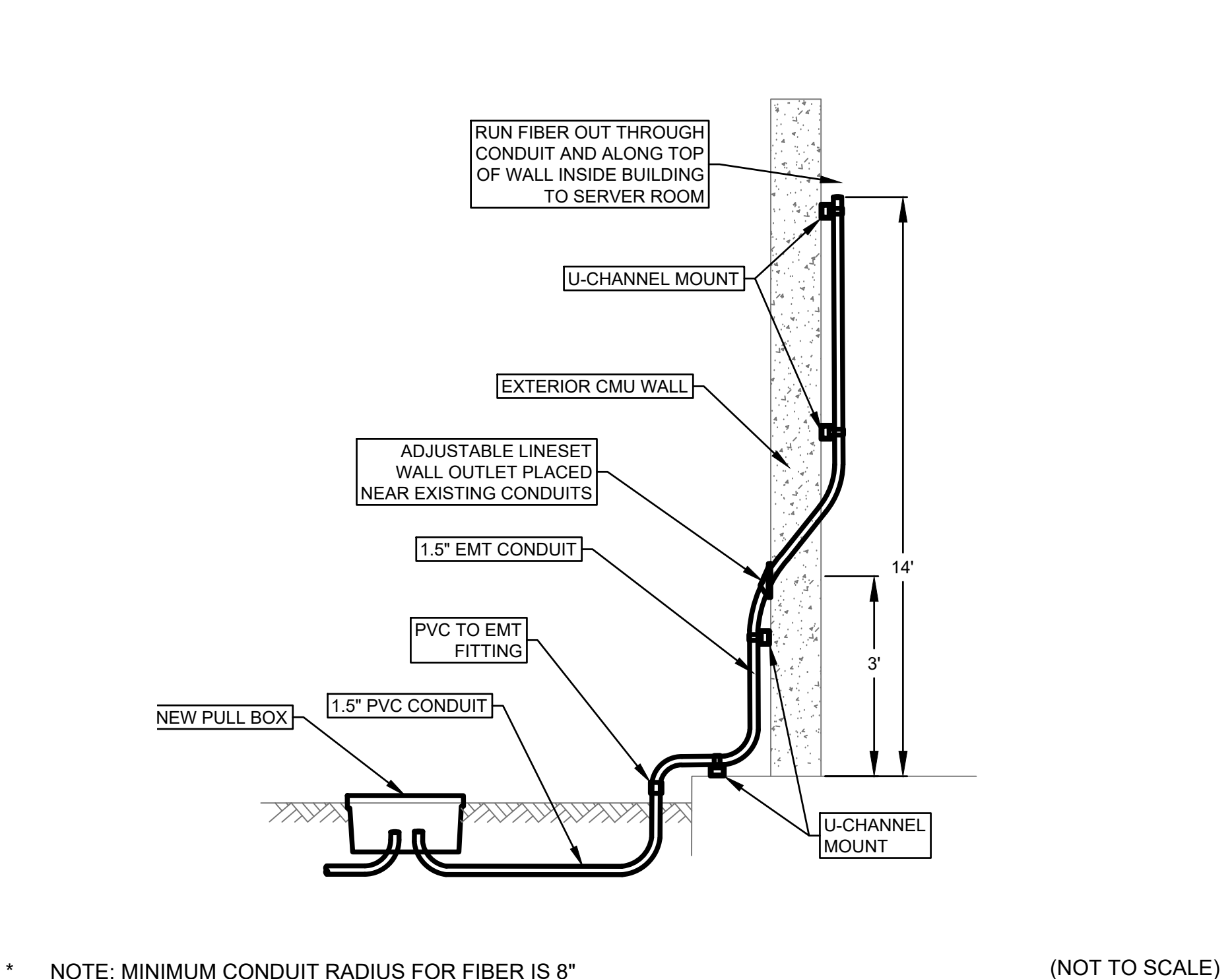
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	ACPTD
CONTRACTOR					
INSPECTOR					
DATE COMPLETED					

DETAIL "D": FIRE STATION 5 BUILDING ENTRY



BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	DATE
		J. MORGAN	J. MORGAN	M. MEI	12/1/25	
		PLANS PREPARED UNDER THE SUPERVISION OF	STEVEN MILLER	DATE	12/1/25	
		RCE NO.	76579	EXPIRES	6/30/26	

DETAIL "E": OPERATIONS YARD BUILDING ENTRY



CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
		CIP 2022-55	2025-245
			SHEET 9 OF 9