



# City of Santee

## Trash Enclosure Standards

This handout provides trash and recycling space guidelines for use in designing commercial and multi-family developments.

### REGULATIONS

Chapter 13.36 of the City Code requires all trash and recycling to be removed at least once a week or more often as necessary through the city's exclusive hauler, Waste Management, Inc. California Public Resources Code Section 42911(c) requires adequate space for collecting and loading recyclable materials in all developments.

California Public Resources Code Section 40059.1 requires diversion of at least 50 percent of waste from the landfill, so space for trash and recycling should be the same.



### SERVICE & SPACE GUIDELINES

Commercial and industrial properties use separate bins for trash, and mixed recycling. Multi-Family residential properties (4 or more units) share bin(s). The contents of each bin is taken off site to a waste processing center for recycling



### SPACE ALLOCATION

**Table A** shows the minimum space required for garbage and recycling containers. However, the actual bin size used by the building occupant may be different. Bin sizes vary.

**Table B** provides the minimum bin sizes, dimensions and interior clearances needed for collector and user access. Bin layouts are attached.

### TRUCK ACCESS

**Table C** has truck access requirements followed by turning templates. It is important to consider truck access and turning radius early on in the planning process for best results.

### COVERAGE

Trash enclosures must be fully covered such that storm water does not infiltrate the trash bins. Storm water must be diverted to a non-impervious surface such as a landscape planter.

**TABLE A: MINIMUM SPACE FOR CONTAINERS**

Multi-family Residential (5 or more units sharing 1 bin)	Each 10 Units	Space for one 3-yard bin
Office/Commercial	First 20,000 sf	Space for two 3-yard bins
	Each Additional 20,000 sf	Space for one additional 3-yard bin
Retail* (Including food stores/fast food)	First 8,000 sf	Space for two 3-yard bins
	Each Additional 8,000 sf	Space for one additional 3-yard bin
Restaurants**	First 1,500 sf	Space for two 3-yard bins
	Each Additional 1,500 sf	Space for one additional 3-yard bin
Industrial*	First 20,000 sf	Space for two 3-yard bins
	Each Additional 10,000 sf	Space for one additional 3-yard bin
Institutional (Schools, daycare, churches, hospitals)	Trash and recycling needs will depend on use	
Commercial Business (Except residential)	At a minimum, all developments must provide space for two 3-yard bins trash and recycling	

\* Trash compactor should be considered for large developments (over 50,000 sf)

\*\*Compost bin should be considered for restaurant food scraps (see [www.calrecycle.ca.gov/organics/food](http://www.calrecycle.ca.gov/organics/food))

**TABLE B: BINS & CLEARANCES**

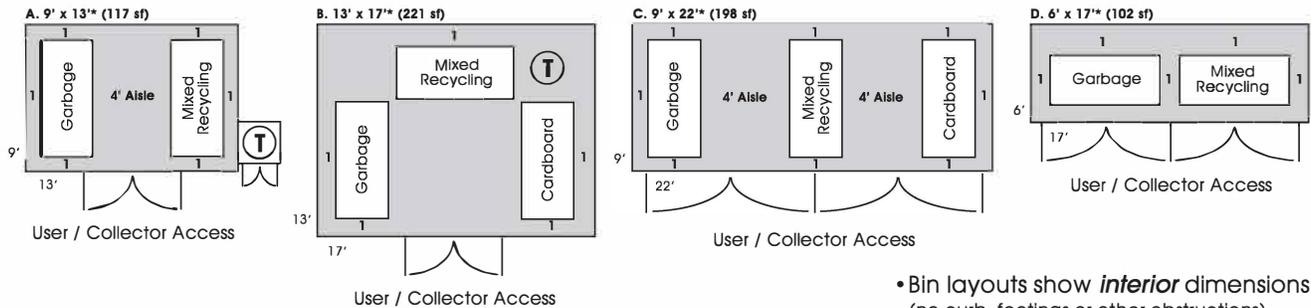
Bin Size	Bin Dimensions	Minimum Interior Clearances*
3-yard	6'9" W x 4'1" D x 4'11" H	1' between bin and enclosure walls 4' user aisle between bins
4-yard	6'9" W x 3'6" D x 5'2" H	
Recycling carts (96-gallon)	2'7" W x 3' D x 3'10" H	1' between each cart and enclosure walls

**TABLE C: TRUCK ACCESS**

Inside turning radius: 29'	Travelway vertical clearance: 15' (h) Travelway minimum width: 12'
Outside turning radius: 41'	
For safety reasons, a truck turnaround is required for any street, driveway or travelway if the collection truck has to back up more than 25 feet.	

**EXAMPLES OF BIN LAYOUTS\***

- Layouts shown for typical 3-yard trash and 3-yard recycling bins. Dimensions are approximate.
- Provide 1-foot *interior* clearance between bins and other obstructions (walls, curbs, equipment, trees)\*.
- Provide 4-foot aisle access to front of bin (6'9" width).
- Provide 8-foot vertical clearance to open lids (from ground to top of lid).
- Provide gate/doors wide enough to easily remove bin for collection (1-foot clearance around bin).
- Provide reinforced concrete pad inside trash area through gate/doors to collection point (travelway).
- **T** Tallow: add space for drum at rear of enclosure with rear access (see B); or provide separate enclosure (see A).
- Food scraps: add space for compost bin (see [www.calrecycle.ca.gov/organics/food](http://www.calrecycle.ca.gov/organics/food)).
- Provide a reinforced concrete apron in front of trash enclosure dimensioned to accommodate bin roll out.



• Bin layouts show *interior* dimensions (no curb, footings or other obstructions)

Multifamily: 5 units or greater = served with commercial bin.

Less than 5 units = cart service with one set per unit, customers separate waste/recyclables.

Enclosure space equal to 1 bin for every 10 dwelling units.

All multifamily bins must be waste processed, no exceptions.

Bins must be accessible to the forks of the truck within 25 feet or added charges for roll out service.

21 ft minimum height clearance to provide standard commercial service.

Maximum grade 2%.

New construction requiring waste service: Make sure to consult with Waste Management, Inc. to determine needs.

Helpful Conversion table for various containers:

1 gallon.....0.134 cu. ft.    27 cu. ft.....1.00 cu. yd.    1 cu. yd.....203 gallons.

One cubic yard is approximately six (6) 35-gallon carts. One cubic yard is approximately three (3) 65-gallon carts.

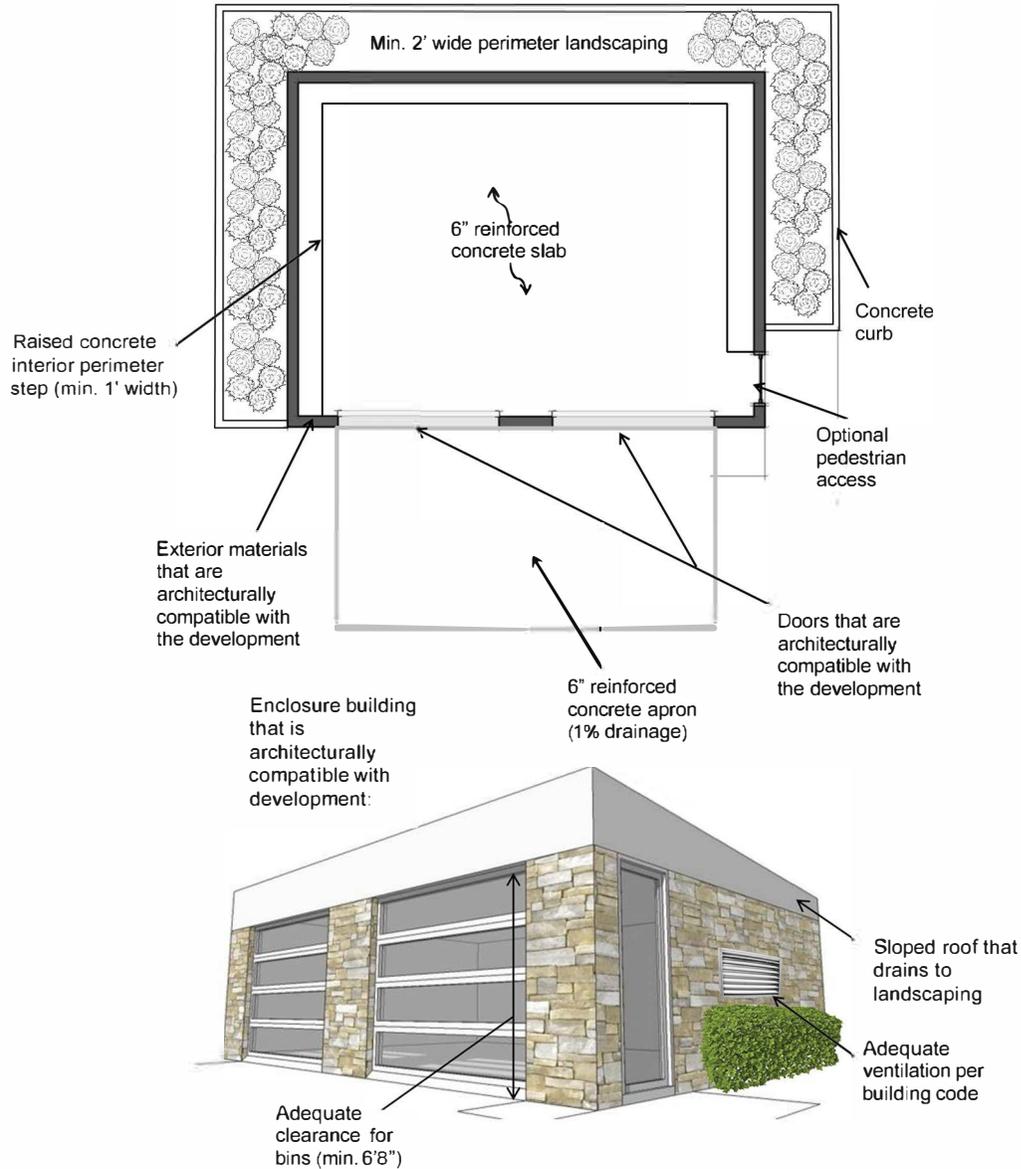
One cubic yard is approximately two (2) 95-gallon carts.

To find container capacity in cubic yards, measure Length x Width x Height in inches and divide by 46,656.

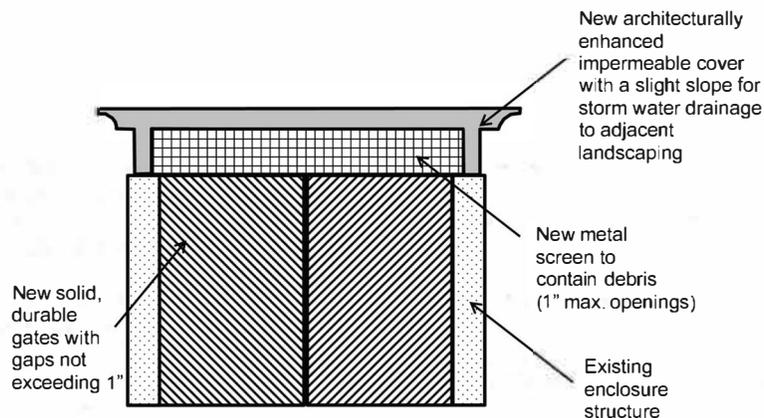
This will give you the approximate volume in cubic yards.

# EXAMPLES OF ACCEPTABLE TRASH ENCLOSURE STRUCTURES\*

## NEW STRUCTURES:



## RETROFITTED STRUCTURES:



\*All new structures must be architecturally compatible with the main development.