



City of Santee

Trash Enclosure Standards

This handout provides trash, recycling, green waste and organics space guidelines for use in designing trash enclosures for commercial, industrial and multifamily developments.

REGULATIONS

Chapter 9.02.210 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 75 percent of waste from the landfill. In addition, Public Resources Code Section 42649.8 requires commercial businesses and multifamily developments to recycle their organic waste.



SERVICE & SPACE GUIDELINES

Commercial, industrial and multifamily residential (5 or more units) properties use separate bins for trash, organics and mixed recycling. All developments with shared waste facilities must include a minimum 64-gallon organics waste cart.



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 and turning requirements. It is important to consider truck access and turning radii 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*

Multifamily Residential** (5 or more units sharing bins)	Each 10 units	Space for three 3-yard bins
Office/Commercial	First 20,000 sf	Space for three 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 three 3-yard bins
	Each Additional 8,000 sf	Space for one additional 3-yard bin
Restaurants	First 1,500 sf	Space for three 3-yard bins
	Each Additional 1,500 sf	Space for one additional 3-yard bin
Industrial	First 20,000 sf	Space for three 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	At a minimum, all developments must provide space for three 3-yard bins for trash, green waste, and recycling	

* All developments with shared waste facilities must include a minimum 64-gallon organics waste cart.

**Unless curbside pick-up is proposed for each unit; proper driveway widths and building clearances must be provided (See Table C).

TABLE B: BINS & CLEARANCES

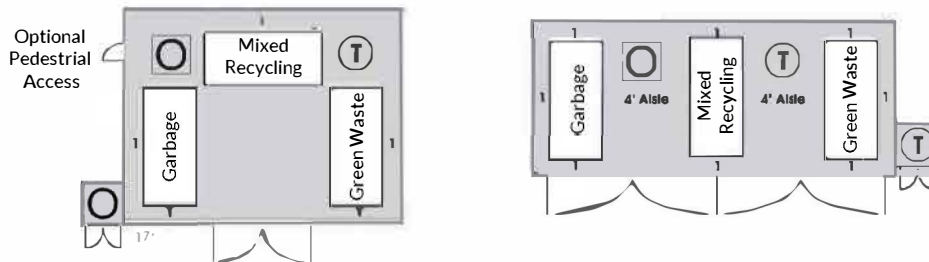
Bin Size	Bin Dimensions	Minimum Interior Clearances
2-yard	6' W x 3' D x 3'5" H	1' between bin and enclosure walls 4' user aisle between bins
3-yard	6' W x 4' D x 4' H	
4-yard	6' W x 5'6" D x 5' H	

TABLE C: TRUCK ACCESS

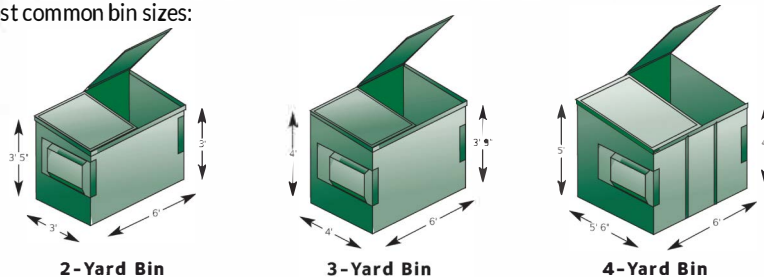
Inside turning radius: 29'	Travelway vertical clearance: 21' (h) Travelway minimum width: 26'
Outside turning radius: 41'	
For safety reasons, a truck turnaround is required for any street, driveway or travelway if the collection truck has to back up more than 25 feet.	

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).
- 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 or provide separate enclosure.
- Provide a reinforced concrete apron in front of trash enclosure dimensioned to accommodate bin roll out.
- **O** Organics: add space for organics bin at rear of enclosure or provide separate enclosure.



Multifamily: 5 units or greater = served with commercial bins
 Less than 5 units = cart service with one set per unit.
 Enclosure space equal to three bins 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 comparison of most common bin sizes:



EXAMPLES OF ACCEPTABLE TRASH ENCLOSURE STRUCTURES*

