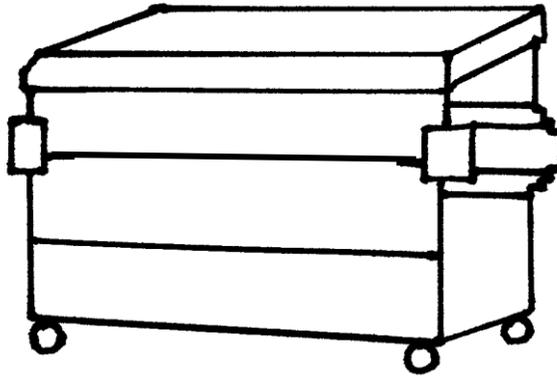


TRASH & RECYCLING

Space Guidelines



Commercial Industrial Multi-Family

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

In addition to these standards, professional discretion and review by the City is required and further adjustments may be made.

Contact the Community Development Department (650-903-6306) for information about enclosure design requirements (i.e. color and materials).

REGULATIONS

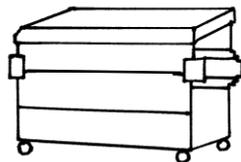
Mountain View City Code Section 16 et. seq. requires all trash and recycling to be removed at least once a week or more often as necessary through the City's exclusive hauler, Recology Mountain View (650-967-3034).

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 wastes from the landfill, so space for trash and recycling should be the same.

SERVICE & SPACE GUIDELINES

- Commercial and industrial properties use separate **bins** for garbage, mixed recycling, cardboard and compost.



- Multi-family residential properties (5 or more units) share garbage bins and recycling **carts** (one each for newspaper, mixed paper and bottles/cans).



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 by 6" in depth as shown at right.



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. Use "garbage truck" for commercial developments and "recycling truck" for multi-family developments. It is important to consider truck access and turning radii early on in the planning process for best results.

TABLE A: MINIMUM SPACE FOR CONTAINERS

Land Use	Development Size	Minimum Space Required For Garbage and Recycling Containers
Multi-family Residential (5 or more units sharing one bin)	Each 15 Units	Space for one 3-yard bin and three recycling carts
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 ft	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)	Garbage and recycling space needs will depend on use	
Downtown Mountain View (Except residential)	At a minimum, all developments must provide space for two 2-yard bins	

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

TABLE B: BINS & CLEARANCES

Bin Size	Bin Dimensions	Minimum <i>Interior</i> 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.
2-yard	6'9"W x 3'6"D x 4'2"H	
Recycling carts (96-gallon)	2'7"W x 3'D x 3'10"H	1' between each cart and enclosure walls

* See bin layouts attached.

TABLE C: TRUCK ACCESS

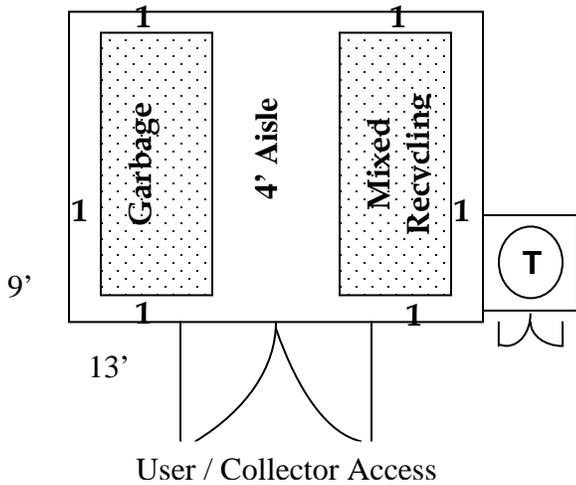
Inside turning radius:	29'	Travelway vertical clearance: 14'6" (h) Travelway minimum width: 12'
Outside turning radius:	41'	Turning templates are attached. Use "Garbage Truck" for com'l/ind developments Use "Recycling Truck" for multi-family developments
For safety reasons, a truck turnaround is required for any street, driveway or travelway if the collection truck has to back up more than 150 feet.		

EXAMPLES OF BIN LAYOUTS*

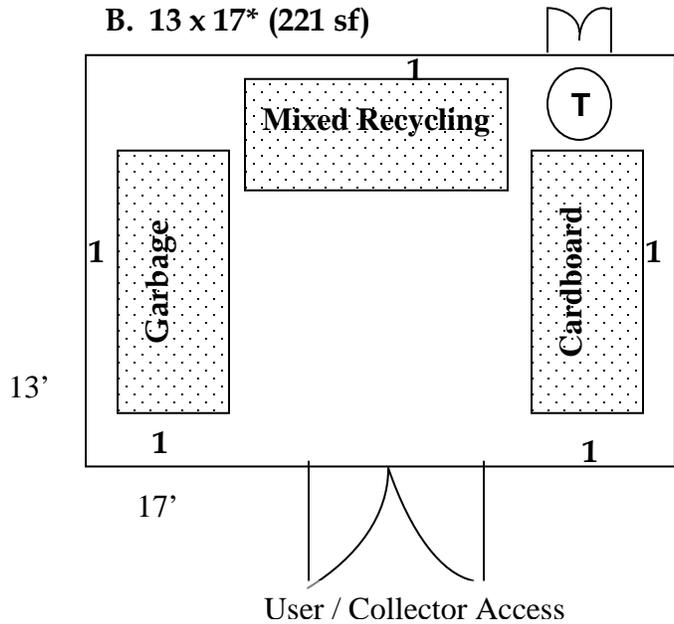
- Layouts shown for typical 3-yard trash and 3-yard recycling bins. Dimensions are approximate.
- Provide 1-foot *interior* clearance between bins and other obstructions (walls, curbs, equipment, trees)*.
- Provide 4-foot aisle access to front of bin (6'9" width).
- Provide 9-foot vertical clearance to open lids (from ground to top of lid).
- Provide a level floor surface for the the entire enclosure.
- Provide gate with offset hinges wide enough to easily remove bin for collection (1-foot clearance around bin).
- Provide paved, level surface inside trash area through gate to collection point (travelway).
- Tallow: add space for *drum* at rear of enclosure with rear access (*see B*); or provide separate enclosure (*see A*)

*Bin Layouts Show ***Interior*** Dimensions

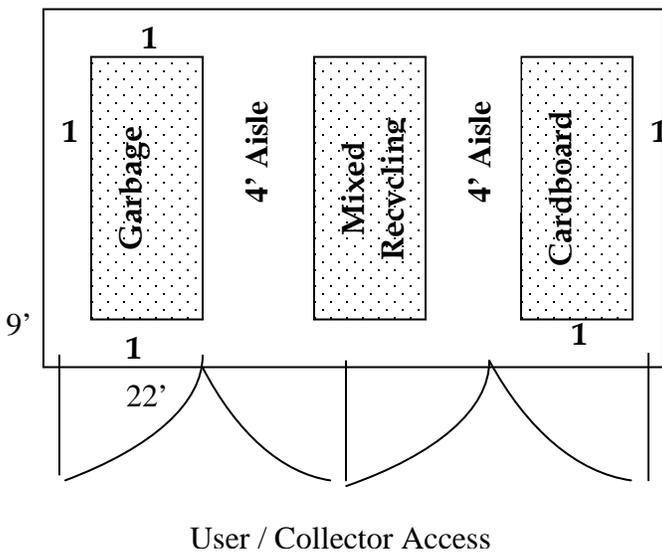
A. 9 x 13* (117 sf)



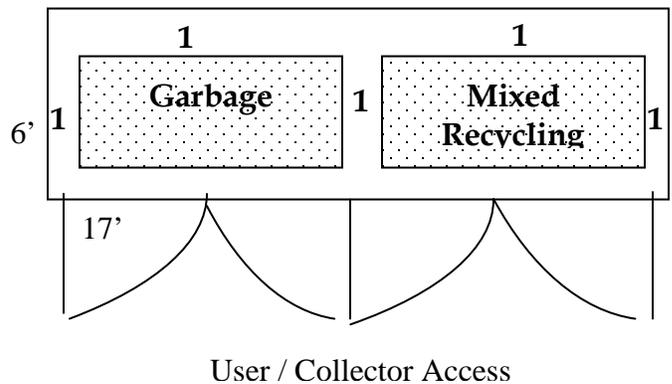
B. 13 x 17* (221 sf)



C. 9 x 22* (198 sf)



D. 6 x 17* (102 sf)



*Bin Layouts Show ***Interior*** Dimensions (no curb, footings or other obstructions)
Provide level floor surface for entire enclosure.