

City of Glendale Recycling Plan – Enclosure Standards

State mandates and Glendale City Code require sufficient enclosure space be allocated within developments to accommodate trash, organics and recycling collection even if the property owner chooses to have one bin for single stream processing of trash and recyclables. **It also requires that the building tenants be provided with educational materials about recycling opportunities at the facility.

Owner Name	
Project Address	
Building Permit Number	
Anticipated Building Use Type (see below)	
Building Square Footage	

**Attach Recycling and/or Outreach Provided to Tenant

Follow these steps to determine the property's anticipated service level for trash, organics and recycling:

Step 1: Note building's proposed/existing use

Step 2: Calculate the total weekly trash/recycling volume.

Anticipated Building Uses	Project Actual Sq. Feet by Use Type	Weekly Generation (yd ³)	Total Volume in Cubic Yards/Week
Shopping Center A (30,000 to 100,000 ft ²)	ft ²	x .00012	=
Shopping Center B (100,000 to 300,000 ft ²)	ft ²	x.00015 + ft ² tenant x .00062	=
General Retail & Misc. Services	ft ²	x .00073	=
Eating and Drinking Establishments	ft ²	x .00147	=
Auto Dealer and Service Stations	ft ²	x .00021	=
Hotel and Motel	# of rooms	x .10256	=
Warehouse	ft ²	x .00021	=
Hospital	ft ²	x .24359	=
Office	ft ²	x .00017	=
Educational Institutions	ft ²	x .00013	=
Manufacturing	ft ²	x .00033	=
TOTAL VOLUME			=

Multi-Family	Trash Generation (yd ³)/Week	Total Volume in Cubic Yards/Week
5 or More Units	[(<u> </u> # of dwelling units x 1.2) x 32 gallons]/divided by 200	=

Step 3: At least 50% (75% preferred) of the refuse enclosure should be reserved for waste diversion (organics and recycling) containers.

Total volume in cubic yards/week x .50 = yd³ of waste diversion (recycling/organics)

Step 3A: It is suggested that of the total cubic yards of waste diversion (recycling/organics) are split equally among recycling and organics containers. yd³ of waste diversion / .5 = yd³ of Organics and yd³ of Recycling

Step 4: Use the total volume of weekly waste generation to identify the size of the trash/recycling room required.

The following dimensions are included for reference:

Cart	L	W	H
64 gallon cart (.31)	30"	27 ½ "	40
96 gallon cart (.5)	34 1/2	29 ¼	46 ¾

Bins		
Size	Length	Width
1-cubic yard	6 ft.	2 ft.
2-cubic yards	6 ft.	2.9 ft.
3-cubic yards	6 ft.	3.5 ft.
4-cubic yards	6 ft.	4.2 ft.
6-cubic yards	6 ft.	5.5 ft.

In addition to the space needed for adequate trash, recycling and organics containers, the refuse storage room (enclosure) must:

1. Include doors that provide a minimum of 15 feet horizontal width when opened.
2. Have a minimum dimension of 7 x 18 feet
3. Have a pedestrian access door for tenant access (at least 36" or ADA compliant).
4. Include bumper stops to keep the bins from hitting the enclosure wall.
5. "No Parking" signs outside of enclosure.

Example A:

- [Step 1] An office of 32,000 square feet would [Step 2] generate **5.1 yd³** ($32,000 \text{ ft}^2 \times .00017 \text{ yd}^3 = 5.44 \text{ yd}^3$) of waste.
- [Step 3] This facility would need to have space to divert 50% of the estimated total waste or **2.6 yd³** ($5.1 \text{ yd}^3 \times .5 = 2.55 \text{ yd}^3$).
 - [Step 3A] The ratio of organics & recycling service is divided roughly equally: 1.3 yd³ of recycling and 1.3 yd³ of organics service.

It is always better to round up when determining container size to provide more service than determined in the formula.

- The facility must have space onsite for the following containers:
 - One: 2 yd³ container for recycling
 - Three: 64 gallon containers for organics service (.96 yd³)
 - One: 3 yd³ container for trash**Total:** Diversion/Recycling: **3 yd³** ($2 + 1 =$) and Trash: **3 yd³** for a total of 6 yd³ of refuse service.

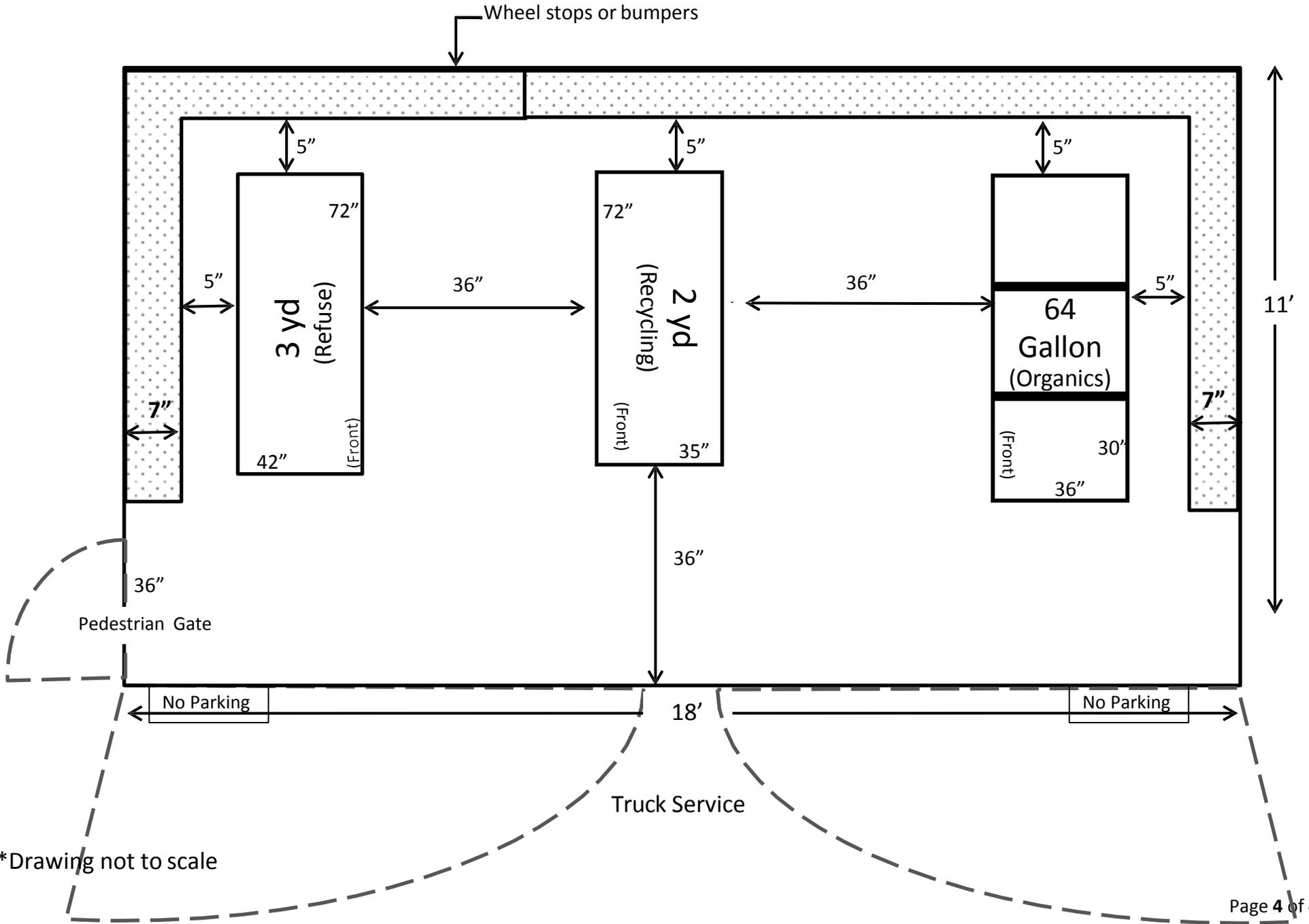
New Building Recycling Plan Requirements

All new buildings shall submit a "Recycling Plan" to the City's Integrated Waste Management Division. The Plan shall include the following elements:

1. Site plan which identifies the location(s) of the refuse storage room relative to the facility or complex.
2. A list of all materials to be collected and recycled from the facility.
3. Provide a gate opener or key to gain access to refuse storage rooms/areas, if the facility is to be serviced by the City of Glendale's Integrated Waste Management Division.
4. Provide a plan describing what measures will be taken to educate occupants and promote recycling programs to the new owner(s), manager, and tenants of the building. Recycling rules and mandates shall be included as a part of all rental, lease, or purchase agreements. State mandates can be found at <http://www.calrecycle.ca.gov>.

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Example A: 1 room



*Drawing not to scale