Recology
Sonoma Marin
WASTE ZERO

Bin Enclosure & Access Specifications

This guide contains information about container types and sizes, as well as enclosure and access requirements to assist planners in providing adequate enclosures for recycle, compost, and landfill services. Recology staff are available to help answer specific questions that may relate to your property.

CONTAINER SPECIFICATIONS

Carts must be taken to the public street for collection. Sizes below are approximate.

Carts

Size	Depth	Width	Height
20 Gal	24″	20″	35″
32 Gal	24.25″	19.25″	38.5″
64 Gal	31.75″	24.25″	41.75″
96 Gal	35.25″	29.75″	43.25″

Bins

Size	Depth	Width	Height
1 Yd3	24″	82″	28″
1.5 Yd3	34.5″	82″	45″
2 Yd3	40.5″	82″	51″
3 Yd3	44.5″	82″	65.5″
4 Yd3	55″	82″	68.5″
6 Yd3 *	69″	82″	71.5″
15 Yd3 Box *	16′	4′	8′
20 Yd3 Box *	18′	4′	8′
30 Yd3 Box *	18′	4′	8′
40 Yd3 Box *	22′	8′	8′

**Not available with wheels. Driver must be able to drive directly up to container*

Bin Enclosures

Size of Container	Space Needed
1 to 4 cubic yards	1 ft space between bin and walls, or 1 ft in from door hinge
1 to 4 cubic yards	2 ft space between adjacent bins

ENCLOSURE SPECIFICATIONS

Enclosures should be built on a flat level surface to avoid rolling. It needs to be large enough to accommodate all three streams of materials - recycle, compost, and landfill.. Also plan appropriate drainage to avoid flooding.

Overhang Protection

A dry space will stay in better condition, and an overhang will also help prevent illegal dumping. Make sure to allow enough clearance for the lids to open.

Durable Hinges

Hinges should be located on the outside of the frame to allow maximum opening of the gates/doors. Cane bolts with pins to hold fully closed or open doors is strongly recommended. Hinges must be heavy-duty to withstand regular use. Recology will not be liable for hinge failure due to normal wear and tear.

Concrete Masonry Unit (CMU) Walls

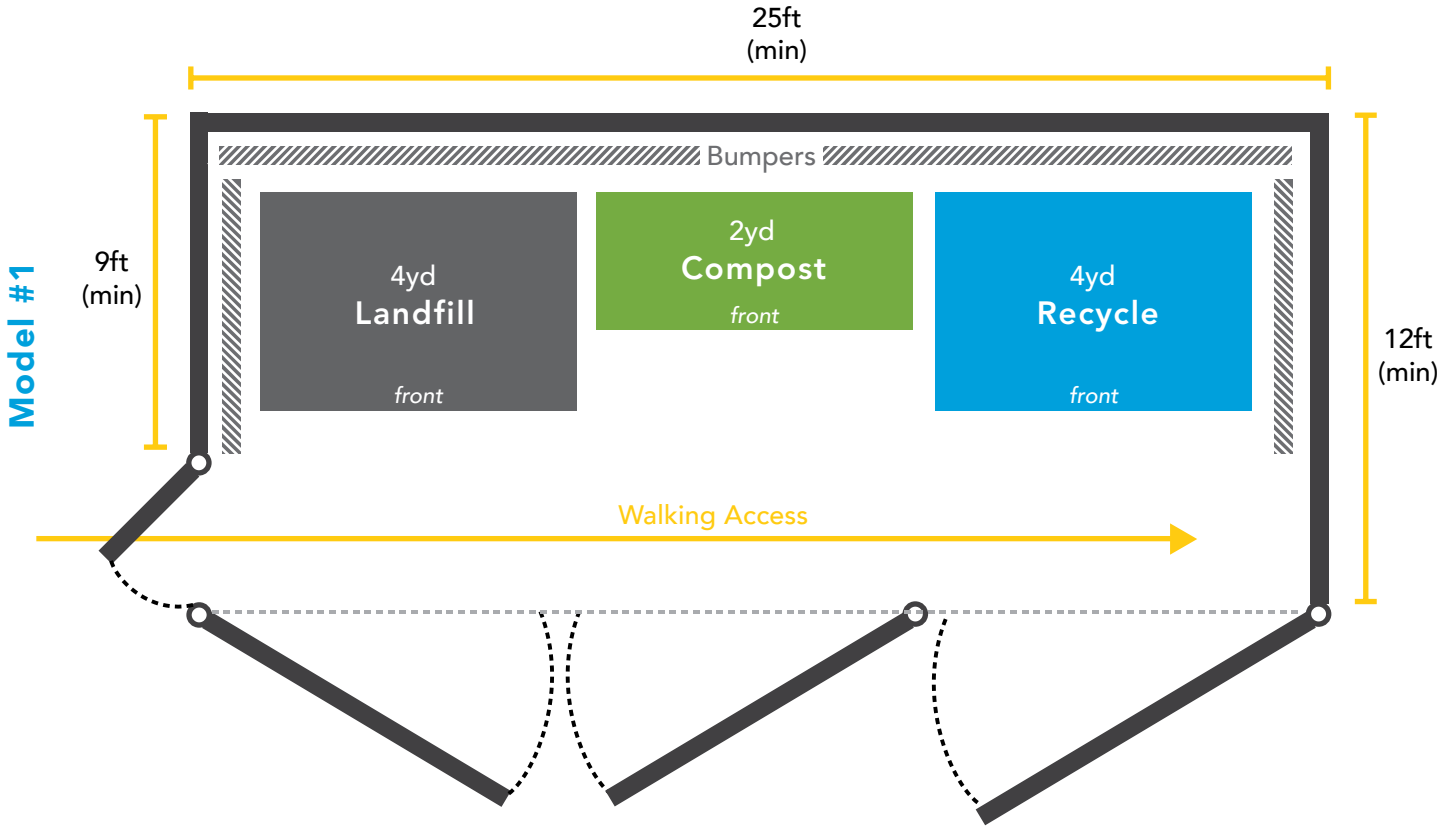
Strengthen walls by using CMUs. Wood panel walls are fragile to regular collection service with bins being pulled in and out.

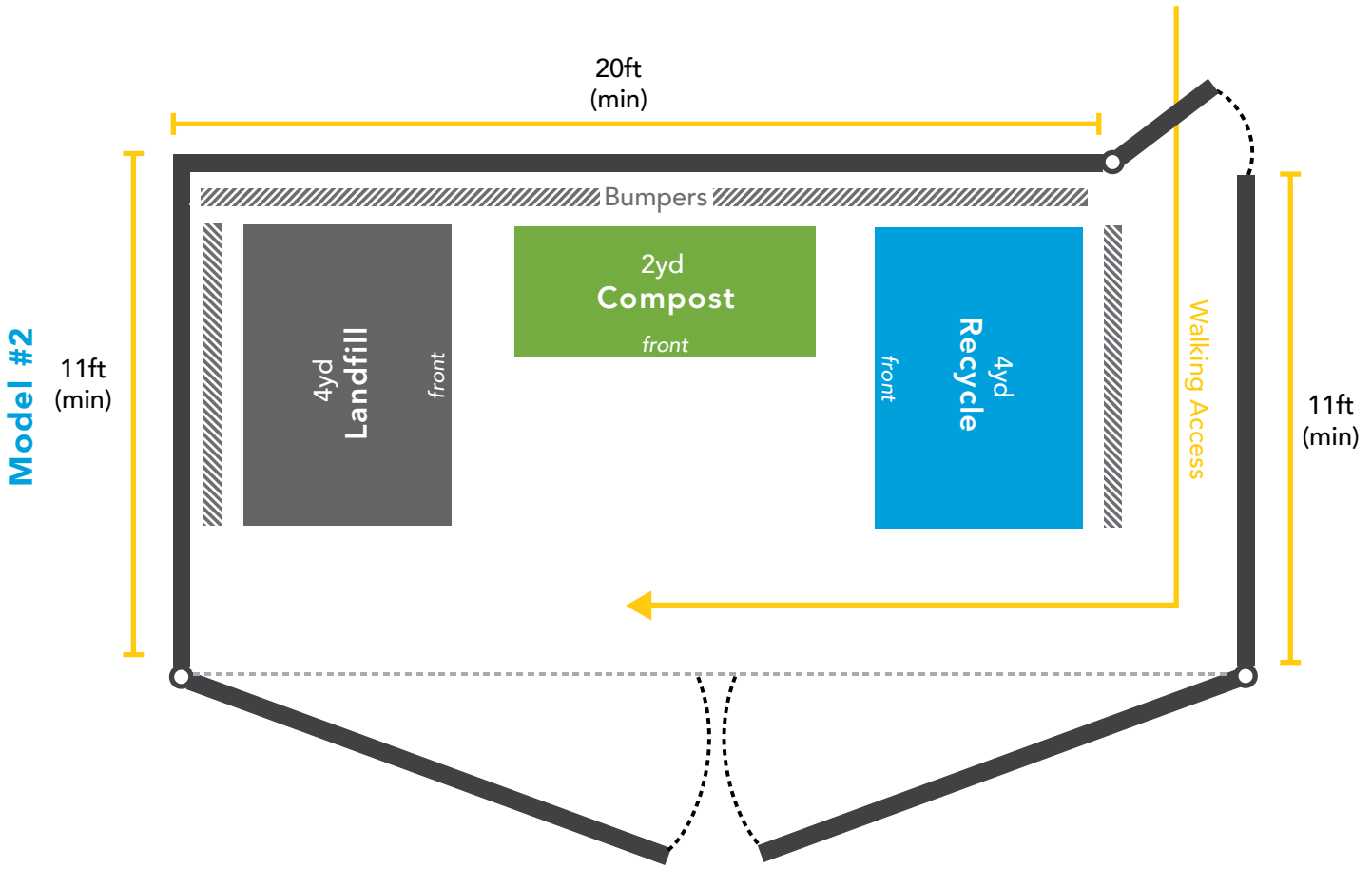
Enclosure Bumpers

To protect enclosure walls, it is advisable to create a bumper (concrete, metal or railroad tie) between bins and the enclosure walls in order to prevent bins from rolling into structure. This is particularly important along the back wall.

Model Bin Enclosures

These are models only. Double check specifications of your containers and city codes prior to constructing the enclosure.





ACCESS SPECIFICATIONS

When designing waste enclosures, prioritize the individual removal of each bin without obstruction. **Enclosures must accommodate the correct size and quantity of bins for all three waste streams: recycle, compost, and landfill.**

Vehicle Clearance

Overhead clearance of 15 feet is required for all trucks entering area. An additional 6 feet of overhead clearance is necessary at location where bins are tipped. Enclosures should be kept away from overhead obstructions such as carports, awnings, low trees or power lines.

Enclosure Approach

Recology requires that all private roads, lanes or driveways be built to public road standards. Recology will not be responsible for damage to asphalt or substandard paving. A damage waiver may be required before collection vehicles will enter any private property deemed to have inadequate paving.

There should be at least a 20-foot concrete pad in front of the enclosure. Asphalt is not adequate in front of enclosures. Complexes that utilize asphalt will be required to provide a damage waiver.

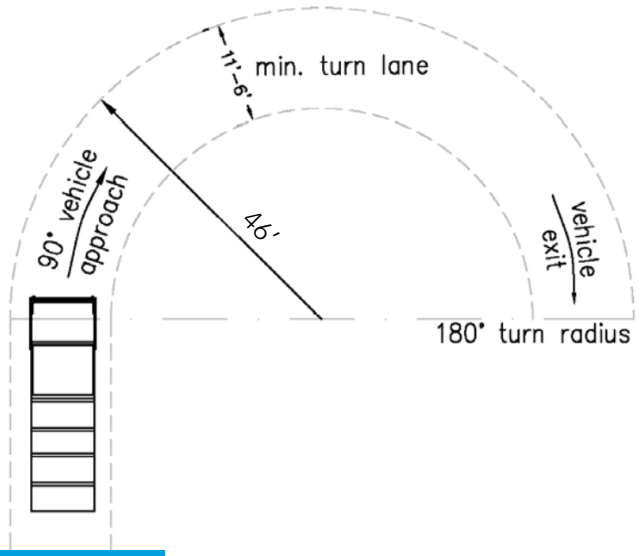
Parking should not be permitted in front of the enclosure, and there should be no curbs in front of the structure. This prevents missed service due to blocking and easy roll-out of the bins.

The enclosure and surface where collection occurs must be level to avoid bins rolling on sloped areas. To minimize backing, enclosure plans should be designed to allow drivers to pull through.

Turn-a-Rounds and Turning Radius

Roads and driveways need a minimum 46 ft turning radius.

Recology won't enter dead-end alleys or cul-de-sacs unless drivers can safely make a turnaround. As an alternative, a hammerhead or "tee" turnaround at least 80 feet long provides sufficient space for collection vehicles.



PLEASE NOTE

Every site is unique. We are happy to review your plans and to answer any questions you may have.

Please contact Customer Service at 800.243.0291 or by email at RecologySonomaMarin@Recology.com.