

**Appendix 2**

# Site Design Standards for Solid Waste Containers Checklist

The following is a partial listing of Site Design Standards for Solid Waste Containers for nonresidential and multifamily developments as found in Plano's development regulations and policies. A completed checklist must be submitted with each application for preliminary site plans and site plans/revised site plans. Applicants shall indicate compliance with standards by checking the box adjacent to the standard. Failure to comply with standards could result in rejection of application and/or delay of the preliminary site plan or site plan/revised site plan approval.

## Plan Format & General Standards *(check if provided; indicate NA if not applicable)*

- Solid waste container and compactor enclosures are identified on preliminary site plans and site plans/revised site plans.
- Containers are located behind the front building setback line and outside of any easements and rights-of-way, unless expressly permitted by the City of Plano.
- Compactors shall not be located between the front building setback and the front façade.
- Containers, compactors, and their screening enclosures are located outside of required parking. Reducing required parking requires submittal and approval of a revised site plan.
- Minimum of two container spaces are provided per lot to accommodate both refuse and recycling. One or more required container locations may be dedicated offsite by recorded easement within 150 feet of the building.
- Label and dimension minimum 30-degree angle to the drive aisle if the container/compactor and enclosure are located perpendicular to or along a service drive.
- Label and dimension 40-foot unobstructed vehicular path/service drive measured from the truck collection side of an enclosure or container placement area.
- Label and dimension minimum outside turning radius of 45-feet from the travel lane to the truck collection side of the enclosure or container/compactor placement area.
- Label minimum 24-foot height clearance over the enclosure and along the 15 feet of vehicular path closest to the servicing side of the solid waste container, and label minimum 16-foot height clearance along the remainder of the vehicular path.
- Label and dimension the "Dimensional Requirements for Enclosures" as found below.
- Label all materials and finishes for enclosure/screening walls. Materials and colors must match main building(s) and meet material standards as found in 4.A.i.a of Site Design Standards for Solid Waste Containers and in "Material Requirements for Enclosures" below.
- Solid waste containers, including compactors, are screened consistent with the Site Design Standards for Solid Waste Containers.
- Enclosures for containers or compactors are only used for purposes related to solid waste programs as authorized by the City of Plano's Code of Ordinances, as amended.
- All screening devices will be permanently and continually maintained in a state of good repair as a condition of use.

**Dimensional Requirements for Enclosures** *(check if provided; indicate NA if not applicable)*

Enclosure Type	<input type="checkbox"/> Single-container	<input type="checkbox"/> Dual-container	<input type="checkbox"/> Compactor*
<b>Width</b>	12 feet	23 feet	12 feet
<b>Depth</b>	11 feet	11 feet	24 feet
<b>Height</b>	7 feet	7 feet	8 feet
<b># of bollards</b>	2	2 per container	N/A
<b>Min. bollard height above grade</b>	5 feet	5 feet	N/A
<b>Distance between bollard and wall</b>	1 foot	1 foot	N/A
<b>Distance between containers or interior walls</b>	N/A	2 ½ feet	N/A
<b>Distance from container to wall/gates</b>	2 feet	2 feet	N/A
<b>Min./max. slope of pad</b>	0.5-1.0%	0.5-1.0%	0.5-1.0%
<b>Min. entrance clearance after installation of gates, poles and/or other hardware</b>	11 ½ feet	11 ½ feet per container	12 feet
<b>Min. unobstructed height above enclosure</b>	24 feet	24 feet	24 feet

\*Compactor Enclosures must also adhere to the following:

- Not placed on an elevated platform (dock placement) exceeding 54-inches in height.
- Includes an open conduit for future electrical service.

**Material Requirements for Enclosures** *(check if provided; indicate NA if not applicable)*

- Solid waste enclosures are constructed of stone, brick, cast concrete, concrete block, or alternative materials, such as evergreen living screens, as approved by the Director of Planning or designee.
- Solid waste enclosure structural components do NOT include wood, vinyl, chain-link (with or without slats), cementitious boards/panels/shingles, 3-step stucco or plaster, EIFS, nor wood-grain or wood-flour and thermoplastic composites.
- Gates are constructed of solid metal and are of equal height to the enclosure.

**Exemptions for Enclosures** *(check if provided; indicate N/A if not applicable)*

Even if exempt, containers and compactors must still be identified on preliminary site plans and site plans/revised site plans.

- Concealed Placement – If screening by concealed placement, containers and compactors must be placed in a service area that is screened from view by buildings, wing walls, and/or other screening walls.
- Developments in the Light Industrial-1 (LI-1) and Light Industrial-2 (LI-2) zoning districts are not required to screen containers or compactors from the view of adjacent properties that are also zoned LI-1 or LI-2.
- Containers and compactors placed in designated service areas behind buildings are not required to be screened from an adjacent property’s designated service area in all nonresidential and mixed-use zoning districts.