



# Solid Waste Storage and Access Checklist for Designers

[Updated 2/10/20]

## APPLICABILITY

This checklist supports SPU & SDCI review of planned solid waste storage and access as required under **Land Use Code 23.54.040**. The checklist is **required for projects that:**

- Are multifamily, mixed-use, townhouse/rowhouse with 5+ units; or
- Are new commercial or industrial buildings, or existing commercial or industrial buildings adding 5,000ft<sup>2</sup> or more; or
- Seek variance from any elements of [Land Use Code SMC 23.54.040](#); or
- Plan to use compactors; or
- Have no curb cut; or
- Plan to stage containers (carts or dumpsters) for collection in the public right-of-way – alleys, streets, or planting strips.

## 1. APPLICANT INFORMATION

- a. Name \_\_\_\_\_
- b. Email \_\_\_\_\_
- c. Phone number \_\_\_\_\_

## 2. PROJECT DETAILS

- a. SDCI permit # \_\_\_\_\_
- b. Project address \_\_\_\_\_
- c. Project is:  mixed-use  residential  commercial  industrial
- d. Commercial or industrial square footage \_\_\_\_\_
  - i. Number of Live/Work units \_\_\_\_\_  
\*Live/Work units are considered "non-residential development" and thus shall meet requirements in Table A in 23.54.040
  - ii. Number of hotel keys \_\_\_\_\_
- e. Total number of residential units \_\_\_\_\_ (number should be equal to 1+ 2+ 3 below)
  - i. Number of SEDUs \_\_\_\_\_
  - ii. Number of apartment units \_\_\_\_\_
  - iii. Number of townhouse or rowhouse units \_\_\_\_\_
- f. Providing parking?  **Yes**  **No**
- g. Providing curb cut?  **Yes**  **No**
- h.  New construction  Redevelopment
- i.  No alley  Alley will remain unimproved

## 3. SOLID WASTE STORAGE AREAS

- a. What is the 23.54.040 **code requirement** for square footage of your solid waste storage area?  
Residential: \_\_\_\_\_  
Commercial: \_\_\_\_\_  
**Total:** \_\_\_\_\_

- b. What is the **proposed** square footage (from finish) of your solid wastestorage area? \_\_\_\_\_

If your proposed storage area does *not* meet code, please describe how the project meets variance criteria in **SMC 23.54.040.I**:

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- c. Will the new or remodeled building displace solid waste storage, staging, or collection location for any other building?  **Yes**  **No**
- l. If yes, please explain the impacts. Include your plans for coordinating solid waste needs with the adjacent building(s).

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#### 4. SOLID WASTE CONTAINERS

Please complete the table:

<b>SOLID WASTE CONTAINERS</b>				
<ul style="list-style-type: none"> <li>Buildings with 75+ units should strongly consider compaction for garbage &amp; recycle</li> <li>Multifamily &amp; Commercial uses can share <b>garbage</b> containers if adequate capacity is provided for both.</li> <li>Recycle and compost services <i>cannot</i> be shared between multifamily &amp; commercial sectors.</li> <li>Live/Work units qualify as a commercial use. Per Land Use Code 23.54.040 they must have containers separate from residential units for recycling and compostables.</li> </ul>				
	Number of containers	Container Volumes (96g, 2yd, 3yd, 4yd, or roll-off dumpster).  <i>Indicate if material will be compacted*</i>	Pick-up Frequency (Plan for <b>1x/wk</b> pick-up for <b>all</b> services)	Total cubic yards/wk or gallons/wk (# of containers X size X # pick up days) <i>*Compaction offers 3x the volume</i>
<b>RESIDENTIAL CONTAINERS</b>				
<b>Apartments</b> = 1.5 cubic yds/10 units/wk <b>SEDUs/congregate units</b> = 1 cubic yd/10 units (or bedrooms)/wk				
<b>Residential RECYCLE</b>				
<b>Residential GARBAGE</b>				
<b>Residential COMPOST</b>				
<b>COMMERCIAL CONTAINERS</b>				
Container sizes and service frequency vary by use				
<b>Commercial RECYCLE</b>				
<b>Commercial GARBAGE</b>				
<b>Commercial COMPOST</b>				

**5. SOLID WASTE STAGING & COLLECTION**

**Requirements for ALL containers:**

*Check all that apply.*

- a.  A curb cut is or will be located on the property or within 150' to move dumpsters to the street (*per Land Use Code 23.54.040.J*)
- b.  Dumpsters are planned to be staged in alley directly behind property.
- c.  24' of overhead clearance for front-load service.
- d.  14' of overhead clearance to service rear-load or roll-off dumpsters.
- e.  Alley is asphalt or is planned to be asphalt.
- f. Describe the **staging and collection location**. Indicate street name, alley, or on-site. If staging is planned in the right-of-way, the location must be agreed upon by applicant, SPU Solid Waste, and SDOT and should be in front of or behind the property.

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**Requirements for containers 2 cubic yards or smaller, uncompacted materials:**

*Check all that apply.*

- a.  Containers will be accessed by the driver from an enclosure or room within 25' of the truck (for 2yd and smaller containers only; no containers with compacted material; access fees apply for this service).
- b.  Distance between container storage location and truck is greater than 25' but less than 50' (for 2yd and smaller containers only; no containers with compacted material; Additional *pick-up fees will apply to move containers for servicing. Driver will move containers a maximum of 50' per Land Use Code 23.54.040.F1a*).
- c.  Existing grade of collection area is equal to or less than 6% (*requirement per Land Use Code 23.54.040.F1c*).
- d.  Alley is at least 10' wide (*per Land Use Code 23.54.040.F1d*).

**Requirements for dumpsters larger than 2 yards, or dumpsters with compacted materials:**

*Confirm project complies with the below requirements by checking the box next to each item.*

- a.  Dumpsters must be brought by management to the alley or street for staging (*direct access required per Land Use Code 23.54.040.F2a*).
- b.  Staging area is level (<2% grade; *dumpsters must be staged on the nearest reasonable level area for collection per Solid Waste Code 21.36.080.A4*).
- c.  Alley is at least 16' wide to accommodate both the dumpster staged in the alley and the 10' wide truck.

**Requirements for roll-off dumpsters (uncompacted or compacted):**

*Confirm project complies with the below requirements by checking the box next to each item.*

- a.  A minimum of 14' overhead clearance is required to service dumpsters on-site.
- b.  The site plans must demonstrate the truck can access the roll-off dumpster without obstruction when backing into a loading dock. Please include AutoTurn plans ([see specifications for SPU contractor trucks](#)).

## 6. TOWNHOMES or ROW HOUSES

- a.  Developments with 7 or more units should consider shared solid waste services (dumpsters or carts) to provide efficient collection services and avoid crowded planting strips. An HOA and a shared water, fire, and/or irrigation meter is required to set up shared service for SPU billing purposes.
- b.  If solid waste containers will not be shared, demonstrate on the landscape and site plan how carts will be staged for service such that direct access is provided to each container for the Contractor (**Solid Waste Code 21.36.080.A5**).
- c.  Demonstrate that cart staging is possible within the constraints of planting strip green factor improvements, required street trees, short-term bike parking locations, or other public right-of-way features.
- d.  Individual storage areas for solid waste carts should be at least **3' x 6'** to accommodate the 96g recycling cart (35"D x 29" W).

## 7. REQUIREMENTS FOR ARCHITECTURAL PLANS

*Please show the following on your plans:*

- a.  Plans submitted must include the number and sizes of containers per **Land Use Code 23.54.040.H**. Dumpster dimensions can be found [here](#).
- b.  All containers and compactor unit locations and positions in the solid waste room or enclosure. *Please note: all three waste streams should be co-located if they are directly accessed by residents and/or commercial tenants for improved waste diversion.*
- c.  2' of space between every dumpster (for maneuverability)
- d.  4' of space between dumpsters that face each other (when lids open toward each other), to allow residents to open lids and deposit materials and for maneuverability.
- e.  2' of space around all sides of a compactor to allow adequate access, or space as required by manufacturer/building maintenance.
- f.  On-floor solid waste rooms include space for one, 32g food waste container.
- g.  Access door/opening to the primary solid waste room or enclosure is a minimum of **6'** wide for maneuverability and prevention of damage.
- h.  Paths and corridors through which dumpsters are transported are a minimum of **7'** wide for maneuverability and prevention of damage.
- i.  Exterior staging area dimensions (reference **Land Use Code 23.54.040.D1** for requirements; demonstrate that enough space is planned to service all containers - service days may differ for each waste stream).
- j.  Grade at collection location.
- k.  Staging area for dumpsters is paved or concrete.

## 8. ATTACHMENTS

- a. SDCI Correction Letter
- b. Detailed site plan that shows solid waste storage, staging, and collection locations (*required per Land Use Code 23.54.040.H*).
- c. One-page detail of the solid waste room or enclosure, including container and room dimensions.
- d. For townhomes and rowhouses - a detailed landscape plan which includes required and new street trees and any other elements being proposed in the right-of-way.

**Please submit your Checklist with attachments to: [SPU\\_SolidWastePlanReview@seattle.gov](mailto:SPU_SolidWastePlanReview@seattle.gov)**