

## **MANHATTANVILLE CAMPUS TRASH AND RECYCLABLES CONTAINERS**

### **PART 1 - GENERAL**

- 1.1 This section contains standards for interior and exterior trash receptacles for the Manhattanville Campus.
- 1.2 LAYOUT OF TRASH RECEPTACLES
  - A. Grouping: Trash receptacles to be placed in trios, consisting of one standard and two recycling receptacles.
  - B. Site Placement: Trash receptacles to be located within close proximity of uses expected to generate trash without obstructing travel routes or building entries, creating obnoxious odors or interfering with other site amenities and activities. Trash receptacles should be placed adjacent to, rather than within, pedestrian travel corridors. Columbia University Facilities and Operations (CUFO) to review and approve of all trash receptacle locations prior to ordering and installation.
- 1.3 SUBMITTALS
  - A. Product Data: Provide information on final product selection (detail drawings showing product dimensions, manufacturer's recommended installation requirements, etc.)
  - B. Environmental Criteria: The following Columbia University (CU) approved graphics should appear on both indoor and outdoor Manhattanville waste and recycling receptacles. Provide drawings showing placement on receptacles. Minimum dimensions per decal: 6.5 inches x 8.5 inches.  
Placement: On center, 10 – 12 inches below the top rim of the receptacle  
Color, respectively: Black, Pantone 2925 Blue, and Pantone 340 Green  
Material(s): Clear polyester permanent adhesive



- C. Warranty: Provide a copy of the manufacturer's warranty. Coverage to include a minimum of 2-years.

- D. LEED Submittals: Provide all documentation that may be necessary for demonstrating compliance with LEED requirements.
- E. Maintenance Guidelines: Submit manufacturer guidelines for cleaning and maintenance to be incorporated into the final O&M Owner's Manual.

#### 1.4 PROTECTION

- A. Deliver, handle, store and install product in accordance with manufacturer's instructions to prevent damage.

### PART 2 - PRODUCTS

#### 2.1 TRASH RECEPTACLE - INDOOR

- A. CU Approved Vendors/Product Type: 3x RecyclePro Value Linear Modular Units from the Glaro Value Modular Stations RecyclePro Series. Capacities include 15, 23, and 41 gallons, to allow for upsizing depending on the capacity needs of the space, with actual weight 12, 15 and 28 lbs., respectively. Optional plastic liners and lid openings available. Silk screened messaging can be custom applied displaying the CU approved Manhattanville Recycling & Waste Receptacles signage. Confirm capacity and optional features with CUFO Manhattanville Operations at time of submittal.



Reference Image

- B. Finish: Satin Aluminum
- C. Style: 3- container system, straight line connection

#### 2.2 TRASH RECEPTACLE – OUTDOOR

- A. CU Approved Vendors/Product Type: Lakeside Litter Receptacle from Landscape Forms. Top-opening design, with a 35-gallon capacity per receptacle, and actual weight of 106 lbs. per receptacle. Receptacles come with a standard removable black polyethylene liner, and are freestanding surface mounted.



Reference Image

- B. Finish: Powdercoat Silver
- C. Style: Plain top-opening

### 2.3 SUBSTITUTIONS

- A. Any desired deviation from these requirements may be requested in writing and submitted to the CUFO Project Manager and Manhattanville Development Group Design Review Team.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Follow CUFO Manhattanville Operations guidelines for installation requirements.

END OF SECTION