

12 93 23 – Trash and Litter Receptors

1. Introduction

- A. This Construction and Design standard covers trash and litter receptor guidelines to be used in conjunction with other related sections listed below:
 - a. Trash and Litter Receptors Appendix (A129323)
- B. Design considerations for waste and recycling containers must be based on the building's usage and occupancy.
- C. Contact the Sanitation and Recycling Office to help determine the number of receptors needed, size and type, and any additional equipment that may be included.

2. References

- A. This site [www.p2pays.org/food/main.oil.htm] provides information regarding fats, oils and grease (FOG) management in North Carolina.
- B. NC General Statute 130A-309.10(f).
- C. Durham County Regulations.
- D. University policy regarding hazardous materials.

3. Design Standards

A. Containers and Equipment

- 1. Items which may need extra attention include (and are the responsibility of this project):
 - a. It must be clear as to how the cabinets will be supplied – built by the project, or ordered from an outside millwork shop/recycling cabinet supplier or made by the Duke University or Medical Center carpentry shop.
 - b. Making sure that the funds are reserved for equipment or the cost has been included in the project.
 - c. Making sure details are provided in the drawings or that the equipment is ordered in time for occupancy.

2. When ordering these bins from outside suppliers or the Duke University or Medical Center carpentry shop:
 - a. The project is responsible for designating space on the drawings, reserving the funds, selecting the laminates, ordering, receiving, and paying the invoice. (Outside suppliers and the carpentry shop will install the cabinets themselves.)
- B. When bins are to be built as part of the project:
 1. The project is responsible for designating space on the drawings, providing detailed drawings of the cabinets (meeting the requirements listed here), and including specifications of the project manual. This is to include but is not limited to selecting the laminates, construction information, and installation instructions for the cabinets.
 2. Sanitation and Recycling will review the drawings to verify locations, dimensions, and details prior to building occupation. Sanitation and Recycling must be notified so we can provide bins for inside the cabinets, label the cabinets and get the location on a pick up schedule.
 3. It is the responsibility of the Project Manager to contact Sanitation and Recycling to get the most appropriate dimensions. Centralized recycling collection areas will vary depending on the size and use of the building.
- C. Placement and Access
 1. All containers shall be located on an accessible path of travel per the ADA and State Building Code.
4. Documentation and Review Requirements
 - B. All locations, dimensions, lid openings and finishes must be included in project documents and approved Sanitation and Recycling before construction documents are finalized.
 - C. It is important to review the plan carefully to ensure the collection of all bins, dumpsters, etc. can be accessed by the associated truck in the designed location.
5. Installation and Performance Requirements
 - A. Procurement
 1. When necessary, coordinate with the Sanitation and Recycling Office to make arrangements for assistance with ordering equipment and labeling.

- B. Sanitation and Recycling must be notified when the cabinets have arrived for pick up, schedule coordination and labeling.
 - C. Containers ordered as part of a capital project are to be installed by the project. For containers purchased outside of a capital project please contact the Sanitation and Recycling Office to coordinate installation.
 - D. Labels:
 - 1. Upon installation, Sanitation and Recycling will apply stickers for Office Paper, Newspapers/Magazines, Bottles/Cans and Trash. Often buildings using built-in units will opt to have signs made to match. In this case it is the responsibility of the Project Manager to contact Sanitation and Recycling to ensure that the language on these signs conveys the same information as the standard recycling labels.
 - 2. Sanitation and Recycling must be notified so they label the cabinets and add the locations to the pickup schedule.
6. As-Built Requirements
- A. Locations for all equipment and bins should be noted on the as-built drawings along with their use and size.
 - B. Any changes to locations should all be noted on the as-built drawings.