

## **SECTION 2400 – SOLID WASTE**

### **2401 SCOPE**

This division governs all design, work, and materials required for the installation of solid waste refuse and recycling containers and their associated enclosures. All development shall be designed for and include a permanent method or designated area for solid waste collection.

### **2402 GENERAL**

#### **A. General Considerations**

1. Refuse containers are serviced by large, heavy trucks. These trucks must be driven to the location of the container. The customer bears full responsibility for the privately-owned lot and driveway strength. The City is not responsible for damage to pavement resulting from truck or container weight.
2. It is highly recommended that contact be made with the Solid Waste supervisors prior to building the enclosure so they can assist in determining the type of service best suited to each location. They would like to help avoid future problems for the customer and for the Solid Waste Division. The Solid Waste Division phone number is: (785) 832-3062.
3. Approach lanes to the container sites must provide 22 feet of unobstructed width and overhead clearance to 21 feet.
4. Removal of snow and ice to permit safe approach to the container is the customer's responsibility.
5. It is impossible to plan refuse collection service for a particular site on the assumption that the collection vehicle will arrive when traffic or parking lot loads are light. Leave safe maneuvering room around and approaching the container enclosure.
6. Enclosures are designed for trash and recycling dumpsters ONLY. Plan for other appropriate locations for grease bins and other items or make the necessary adjustments to the enclosure to accommodate other items such as grease bins so the solid waste service will not be impeded, and that equipment and personnel is not at risk.
7. Enclosure entrance must be kept clear and unobstructed.

#### **B. Equipment**

##### **1. Front Load**

Front load containers are not equipped with wheels; therefore, these containers cannot be moved except by use of the refuse collection truck or other heavy equipment. These containers

range in sizes. 2, 3, 4, 6, 8, 10 yards.

## 2. Rear Load

Rear loaders containers used by the City are equipped with four, non- locking, swivel casters so they can be moved with relative ease to the hook-up points at the back of the collection vehicle or to and from other points on the customer's property as desired. This freedom of movement imposes certain constraints on the design of container sites, pads, and enclosures. Empty containers weights vary from 350 pounds to over 600 pounds. When full, they may weigh well over 1000 pounds. They must be moved into pick-up position by two crew members.

These containers range in sizes. 2, 3 yard.

## 2403 SITE REQUIREMENTS

- A. The container must sit on a hard surface. The pad must be either at the same level as the collection vehicle or a shallow grade ramp from the surface of the pad to the lot or street level must be provided.
- B. The area over the container and for 20 feet in front of the container must be clear of overhead obstructions to a height of 21 feet.
- C. Gates, if required, must be devised so that they can be latched in the closed position and so they can be secured in the fully open position while the collection vehicle is entering and leaving the enclosure entrance.
- D. Containers which will not be in an enclosure but will be placed near a building wall or fence must be provided bollards per the detail.