

## SECTION 13

### SOLID WASTE (SW)

- 13-1 INTRODUCTION** - These improvement standards shall govern the engineering design of all solid waste (trash) enclosures intended for service by the City of Grass Valley.
- 13-2 DESIGN CRITERIA** - The intent of these criteria is to provide for the serviceability of trash enclosures for commercial and multi-family areas.
- A. General** - A trash enclosure must be provided for each building or business. If a building is to have more than one solid waste customer, then a trash enclosure must be provided for each customer. Projects with more than one enclosure must number the enclosures and provide a map of the project showing the location of the enclosures. The type and number of the enclosures will be determined by their intended use (i.e., restaurant, office building, shopping center or small business).
  - B. Walls** - The trash enclosure shall have walls on three sides. Walls must be six-feet in height and shall be constructed as shown on the Standard Drawings. Enclosures in the downtown area shall be designed and constructed in accordance with the Grass Valley Downtown Streetscapes Standards Manual.
  - C. Gates** - Gates are required on any trash enclosure in line of sight of the public. Gates shall be constructed as shown on the Standard Drawings. Gates must be designed to open from the front of the enclosure and shall be equipped to be held in an open position with pins in the ground while the dumpster is being serviced. Bollards must be installed to prevent gates from opening into any parking spaces or adjacent structures.
  - D. Vehicle Approach and Floor** - The vehicle approach apron and the enclosure floor shall be reinforced concrete a minimum of 6-inches thick.
  - E. Signs and Striping** - “No Parking” signs shall be placed on the gates as well as painted on the approach area.
  - F. Location** - The enclosures shall be located within the most direct path of travel and access for refuse vehicles. Path of travel shall have minimal conflict with on-site vehicle and pedestrian circulation patterns. Consideration should also be made on increasing the structural section of the on-site pavement along the path of travel of refuse vehicles. The trash enclosure shall be located to allow refuse vehicles a straight approach to the enclosure. The enclosure and bin dumping areas must be free of overhead power lines and structures. The enclosure area shall be located away from service areas and “Loading” zones. Unobstructed access to the trash enclosure shall be provided. All trash enclosure locations shall be approved in writing by the appropriate waste collection agency (Waste Management).
  - G. Path of Travel** - The improvement plans shall provide a map showing the proposed path of travel for refuse vehicles to and from the trash enclosure, originating at the public roadway. The design inside turning radius of the refuse vehicle is 25-feet and the outside radius is 45-feet.
  - H. Back-Up Lengths** - Back-up lengths are limited to no more than 100-feet measured from the gate entry of the trash enclosure.