

## **SECTION 25 PARK AND DOWNTOWN APPURTENANCES**

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### **25-01 GENERAL**

The Contractor shall refer to the drawings for locations and descriptions of site appurtenances. Types of site appurtenances include the following:

- A. Picnic Tables
- B. Barbeques
- C. Park Benches
- D. Trash Receptacles
- E. Bicycle Racks
- F. Bollards
- G. Teak Benches (downtown)
- H. Litter Receptacle (downtown)
- I. Concrete Bollards (downtown, civic center)

The Contractor shall submit manufacturer's "cut-sheets", technical data and installation instructions for all site appurtenances listed in these specifications. It is the responsibility of the Contractor to obtain installation recommendation from the manufacturer.

Contractor shall protect all site furnishings from any damage or vandalism until acceptance of the project, or written acceptance of individual site furnishings.

### **25-02 MATERIALS**

#### **25-02.01 General**

Site appurtenances shall be as specified on the plans and details. Picnic tables, barbeques, benches and trash receptacles shall be made by the same manufacturer. Any contemplation for product substitution shall be deferred after the award of a contract. When requesting to substitute a product, it is the Contractor's responsibility to provide the Engineer with a detailed "side by side" comparison of the specified item and the proposed substitution to demonstrate equality of size, style, finish, quality, and strength. The Engineer shall be the sole judge of the equivalency of the proposed substitution. The proposed substitution shall not be brought to the job site until the Contractor has received written approval of the substitution from the Engineer.

#### **25-02.02 Picnic Tables**

Picnic tables shall be Model 75 as manufactured by DuMor Site Furnishings or an approved equal. Table shall be 6 foot long and made of redwood. Seats and table shall have embedded supports and shall have a black polyester powder finish.

#### **25-02.03 Barbeques**

Barbeque grills shall be Model 21 or 27 as manufactured by DuMor Site Furnishings or an approved equal.

#### **25-02.04 Park Benches**

Park benches shall be Model 34 as manufactured by DuMor Site Furnishings or an approved equal. Bench shall be redwood and shall be a minimum of 6 feet in length. Support shall be embedded and have a black polyester powder finish.

#### **25-02.05 Trash Receptacles**

Trash receptacles shall be Model S-42 as manufactured by Victor Stanley, Inc. or an approved equal. Receptacles shall be black.

#### **25-02.06 Bicycle Racks**

Bike racks shall be made of 2-3/8" outside diameter Schedule 40 steel pipe as detailed in the Standard Plans. Bending manufacturing shall insure smooth and aesthetic curves without flattening the outer curves and crimping the inner curves. Welding shall be completely around the support bar perimeter. All welds shall have a smooth finish, free of burrs and pitting. Each baseplate shall be welded around the entire pipe perimeter. Primer or galvanizing shall be completed after fabrication. Final surface coating shall be black in color and shall be powder coating or 0.125" thick PVC coating over manufacturer's guaranteed primer. Installation hardware shall be zinc plated. Bolts shall be 1/2" x 4" concrete wedge anchor with hex head torque controlled breakaway tamper proof nut. Details of installation and color of bike racks to be approved by the Engineer prior to ordering bike racks.

#### **25-02.07 Bollards**

Bollards shall be furnished and installed by the Contractor as detailed on the plans.

#### **25-02.08 Teak Benches (downtown)**

Teak benches in downtown areas as called for on the plans shall be Monarch six foot (72") bench, Country Casual, model #4613 or an approved equal.

#### **25-02.09 Litter Receptacles (downtown)**

Litter receptacles in downtown areas as called for on the plans shall be Victor Stanley S-42, 36 gallon with glossy black finish or approved equal.

#### **25-02.10 Concrete Bollards (downtown, civic center)**

Concrete bollards shall be Dura Art Stone precast, exposed aggregate concrete bollard with a subterranean 'B' mount or approved equal. The bollard shall be twelve inch (12") diameter and forty-eight inch (48") high with a recessed groove approximately four inches (4") from the top of the bollard. The color shall be Mexican Tile or Limestone, as determined by the Engineer.

## **25-03 CONSTRUCTION**

Install all park appurtenances as specified by the manufacturers and in conjunction with the Contract Documents. Notify the Engineer immediately if any conflicts or discrepancies between the two are encountered. Foundations of all equipment shall meet the recommendation of the manufacturers. Unless otherwise noted, install all site appurtenances with their concrete footings sufficiently below finish grade to allow for installation of specified finish materials above.