

SECTION 12 93 00
SITE FURNISHINGS

PART 1 - GENERAL

1.1 Description

- A. Furnish and install all site furnishings shown on drawings and specified in accordance with the manufacturer's instructions and as shown on the drawings and as specified.
- B. Related requirement specifications elsewhere:
 - 1. Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA AND SAMPLES
 - 2. Section 02 41 00, DEMOLITION
 - 3. Section 32 05 23, CEMENT AND CONCRETE FOR EXTERIOR IMPROVEMENTS
 - 4. Section 32 18 16, PLAYGROUND PROTECTIVE SURFACING

1.2 References

- A. Manufacturer's Instructions:
 - 1. Where required in the Specifications that materials, products, processes, equipment or the like to be installed or applied in accordance with manufacturer's instructions, directions or specifications, or words to this effect, it shall be constructed to mean that said application or installation shall be in strict accordance with printed instructions furnished by the manufacturer of the material for use under conditions similar to those at the job site.
 - 2. All site furnishings shall be anchored or otherwise secured to prevent movement, unless stated otherwise. Provide concrete footings, corrosion resistant clips, etc. as accepted by the Contracting Officer's Representative.
- B. Reference Standards:
 - 1. State of California, Business and Transportation Agency, Department of Transportation: "Standard Specifications."
 - 2. Manufacturers' specifications and recommendations.

1.3 Submittals

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES, manufacturer's catalogue information or shop drawings indicating size, materials, finishes and quantities of items being supplied.
 - 1. Submit product data for the new play equipment.
 - 2. Submit shop drawings for the reinstallation of the existing play equipment.

3. Submit product data and a one quart sample of the sand.

1.4 Delivering, Handling, and Storage

- A. Transport, store and handle manufactured items in a manner to avoid hairline cracks, staining or other damage.
- B. Store units free of the ground and protected from mud or rain splashes.
- C. Cover units, secure covers firmly, and protect the units from dust, dirt or other staining material.

1.5 Coordination

- A. Coordinate items of other trades. Contractor shall be responsible for the proper installation of all accessories embedded in concrete and for the provision of connections, holes, openings, etc., necessary to the execution of the work of the trades.

PART 2 - PRODUCTS

2.1 Playground Equipment

B. Steam Engine

- 1. Product: Steam Engine, Product Number M525P, surface mount, manufactured by Kompan Inc. (800-426-9788, <http://www.kompan.us/>) or approved equal.
- 2. Quantity: One (1)
- 3. Dimensions: 4'-0" wide x 9'-6" long
- 4. Materials and Finishes:
 - a) Floor panels: high-pressure laminate.
 - b) Vertical wall panels, roof panels, benches and counters: high-density polyethylene with UV inhibitors stainless steel
 - c) Corner brackets: hot-dip galvanized steel
 - d) All hardware: stainless steel or Delta coated for corrosion protection

C. Railway Carriage

- 1. Product: Railway Carriage, Product Number M526P, surface mount, manufactured by Kompan Inc. (800-426-9788, <http://www.kompan.us/>) or approved equal.
- 2. Quantity: One (1)
- 3. Dimensions: 4'-0" wide x 9'-8" long
- 4. Materials and Finishes:
 - a) Floor panels: high-pressure laminate.
 - b) Vertical wall panels, roof panels, benches and counters: high-density polyethylene with UV inhibitors stainless steel
 - c) Corner brackets: hot-dip galvanized steel

- d) All hardware: stainless steel or Delta coated for corrosion protection
- D. Coupling (to connect Steam Engine and Railway Carriage)
1. Product: Coupling, Product Number M529P, surface mount, manufactured by Kompan Inc. (800-426-9788, <http://www.kompan.us/>) or approved equal.
 2. Quantity: One (1)
 3. Dimensions: TBC (x radius, x high)
 4. Materials and Finishes:
 - a) Coupling: high-pressure laminate.
 - b) All hardware: stainless steel or Delta coated for corrosion protection

2.2 Sand (for sand box)

- A. Sand shall be #2 Plaster Sand
1. 4" depth of sand in sand box
 2. Sieve analysis: CTM 202
Finer than No. 200:

Sieve	% Passing
3/8"	100
#4	100
#8	98
#16	72
#30	49
#50	31
#100	16
#200	6.2

3. Sand Equivalent (CT217): 75
4. Available from Lyngso Garden Materials, Inc. (650) 361-1730; or approved equal.

2.3 Mulch(for existing trees)

- A. Organic Mulch: Free from deleterious materials and suitable as a top dressing of trees and shrubs, consisting of one of the following:
- Type: Recycled wood mulch
- Type: Fir or pine bark
1. Size Range shall be 3 inches maximum, to 3/4 inch minimum, free of small twigs and leaves. Ground redwood bark is not acceptable.
 2. Color: Natural, uncolored

PART 3 - EXECUTION

3.1 Examination

- A. Dimension, upon which work of this Section may be contingent, shall be certified at the job site to insure proper placement and fit of the equipment in the allotted areas.

3.2 Installation

- A. Work shall be set plumb level and true to line and shall present a neat and finished appearance. Include setting each item in its correct place, fastening it, connecting it, or incorporating it into other portions of the work, as each item may require; and testing and operating equipment to assure proper functioning.
- B. The work of this Section shall include the furnishing of anchors and adhesives required for installing and attaching the equipment specified herein, including the existing play equipment to be reinstalled in the play areas. All furnishings shall be installed per manufacturer's recommendations unless noted in drawing or herein
- C. Adequately protect all work from damage by subsequent construction operations. Damaged work shall be replaced.
- D. The Contractor shall at all times keep the premises free from accumulation of waste materials and rubbish caused by his employees.

3.3 Final Cleanup

- A. Remove all trash, debris, surplus materials and equipment from the project site when the work of this Section has been completed and at such time as directed by the Contracting Officer's Representative.

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