

**SECTION 12 93 00
SITE FURNISHINGS**

PART 1 - GENERAL

1.01 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

1.02 RELATED WORK

- A. Section **32 13 20**, SITE CONCRETE
- B. Section **32 90 00**, PLANTING

1.02 REFERENCES

- A. Perform work in accordance with all applicable laws, codes and regulations required by the City and the State of California.
- B. Manufacturer's Instructions: 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.
- C. Reference Standards:
 - 1. State of California, Business and Transportation Agency, Department of Transportation: Caltrans Standard Specifications
 - 2. Manufacturers' specifications and recommendations.

1.03 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.

1.04 SUBMITTALS

- A. Per Section **01 33 23**, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES
- B. Surface-Mounted Benches
 - 1. Manufacturer cut-sheets including materials, dimensions, model
 - 2. Color / finish samples
- C. Trash / Recycling Receptacles
 - 1. Manufacturer cut-sheets including materials, dimensions, model
 - 2. Color / finish samples
- D. Drain Covers
 - 1. Manufacturer cut-sheets including materials, dimensions, model

PART 2 – MATERIALS

2.01 BASIS OF DESIGN

- A. The design of Site Furnishing equipment is based on products specified. Subject to compliance with requirements, provide named product or a comparable product.

2.02 SURFACE-MOUNTED BENCHES:

- A. "Knight" Bench by Forms+Surfaces or approved equal
 - 1. With back-rest
 - 2. With arm-rests
 - 3. Surface mount per manufacturer's specifications
 - 4. Bench to be furnished by contractor and installed by contractor
 - 5. Ipe wood slats
 - 6. "Aluminum Texture" powder-coat finish on hardware
 - 7. 6 ft. Long or as noted in plans

2.03 TRASH RECEPTACLES:

- A. "Dispatch" Receptacle by Forms+Surfaces
 - 1. Solid Cast Aluminum with powder-coat finish
 - 2. Body: "Aluminum Texture"
 - 3. Lid: "Slate Texture"
 - 4. No graphics, no recycling openings
 - 5. Lift lever latch
 - 6. Liner without holes
 - 7. Surface mount without concrete base, per manufacturer's specifications

2.04 DRAIN COVERS IN PAVED AREAS:

- A. "OPCB" by Urban Accessories or Approved Equal
 - 1. Size as noted in drawings
 - 2. High quality 100% recycled grey iron; ASTM A48 Class 35B or better; hardness 170-223 brinell
 - 3. Finish: Galvanized

PART 3 - EXECUTION

3.01 GENERAL INSTALLATION:

- A. Install manufactured items in accordance with the manufacturer's instruction and as shown in the drawings and as specified herein.
- B. Perform all work in accordance with all applicable laws, codes and regulations required by State of California and the City of Palo Alto.
- C. Set all work true and square, plumb and level. Remove and replace any wood that splits during or after erection until acceptance.
- D. Place washer under the head and nut of bolts where same bear on wood, except head of carriage bolt. Drill bolt holes same diameter as bolt.
- E. Size bolts to fit flush with nuts. Countersink nuts and bolts as detailed.
- F. Supply all miscellaneous metal units and install as specified herein under the Sections titled Miscellaneous Metal work
- G. Hot-dip galvanize all metal fastenings, angles, etc., after complete fabrication.
- H. Galvanized metal that is cut damaged or modified after fabrication shall be immediately painted with Zinc-rich paint to prevent rusting.
- I. Touch up paint any damaged surfaces to match original finish as accepted by the Resident Engineer.
- J. Set site furniture, level. Provide spacers under furniture to level as acceptable to Resident Engineer.
- K. Transport, store and handle precast units and manufactured items in a manner to avoid hairline cracks, staining or other damage. Store units free of the ground and protected from mud or rain splashes. Cover units, secure covers firmly, and protect the units from dust, dirt or other staining material.

3.02 SURFACE-MOUNT BENCHES:

- A. Install in accordance with the manufacturer's instructions and as shown.

3.03 TRASH RECEPTACLES:

- A. Install in accordance with the manufacturer's instructions and as shown.

3.04 DRAIN COVERS:

- A. Install in accordance with the manufacturer's instructions and as shown.

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