

DESCRIPTION

This work shall consist of furnishing and installing BENCH – NYCDPR TYPE C SPORT in accordance with the contract documents and as directed by the Engineer. Unless otherwise noted, benches shall conform to NYCDPR Type C Sport Bench Standard Details.

MATERIALS

The materials used in this work shall conform to following requirements:

1. Bench Standards - Bench standards shall be made up of steel tubular supports and channel seat frames. The standards shall be hot-dipped galvanized and powder coated after fabrication.
2. Slats - Slats shall be made of Recycled Plastic Lumber and shall be secured to the channel frames with vandal-resistant bolts of 18-8 Stainless Steel as indicated on the contract documents.
3. Finish - The galvanized bench standards shall be powder coated with a polyester thermosetting powder coating, and shall be coated with a TGIC-Polyester.
 - a. The powder coating shall be applied to the galvanized standards in such a manner that the coating will not peel off. Insure surfaces to be coated are clean and dry and free of grease, dust, rust, etc. All coated parts shall first receive phosphating and chromating treatments to improve the adhesion of the surface coating.
 - b. The TGIC-Polyester shall be applied at a film thickness of 3 to 4 mils by electrostatic spray process and bake finished per manufacturer's directions. The TGIC-Polyester shall be applied without voids, tears or cuts that reveal the substrate and shall thoroughly adhere to the metal without peeling when scratched with a pick device or knife blade point.
4. Color – Color of powder coat shall be black gloss. Color of Recycled Plastic Lumber to be DARK GRAY or BROWN unless otherwise indicated on the contract documents. Submit sample for approval.
5. Concrete - Concrete for slabs or piers shall be Footing Concrete Class A.

Benches shall be standard manufactured units. One of the following benches shall be supplied:

Model: Standard Type C Sport
Manufacturer: Kevin G. Lindelow Quality
Site Furnishings
1163 State Route 12
Frenchtown, NJ 08825
Phone: (908)996-7575

Model: RPL-PR or SL- Length
Manufacturer: All City Play Equipment, Inc.
940 Amboy Ave, Suite 102
Edison, NJ 08837
Phone: (718)258-9600

Or equal as approved by the Engineer in coordination with the Regional Landscape Architect.

CONSTRUCTION DETAILS

The bench standards shall be set in concrete slabs or footings with supports vertical and true to line and position, as shown on the contract documents or as directed by the Engineer.

Where the standards are to be set in concrete slabs, the tubular supports shall be provided with base angles. The steel tubular supports shall be continuously welded to the seat channel and the base angle as indicated on the contract documents.

Assembly of the bench components shall be performed in strict accordance with manufacturer's recommendations for installation. All work shall be free of blemishes or defects which can affect durability, strength or appearance. The bench shall be assembled and installed true to line and grade as shown on the contract documents or as directed by the Engineer. All posts shall be set and attached to concrete bases of the depth and diameter shown on the contract documents or the manufacturers' instructions. The concrete bases shall be rough cast in the ground. The top surfaces of the footings, if exposed, shall be domed to shed water and finished smooth to provide a neat appearance when completed. Grading shall be performed where necessary to provide a neat appearance.

The Contractor shall protect all parts of the bench and maintain it in an undamaged condition until completion and acceptance of the Contract. Any sections damaged at any time prior to final acceptance shall be repaired or replaced at the Contractor's expense.

METHOD OF MEASUREMENT

This work will be measured as the number of meters of BENCH - NYCDPR TYPE C SPORT satisfactorily furnished and installed, measured to the nearest tenth of a meter.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work.

Excavation and footing concrete for piers or slabs will be paid for under other Items of the Contract.