

ITEM 02615.9501 M - FISHING PLATFORM

Description

This work shall consist of furnishing and erecting a fishing platform of the type, size, configuration, and components at the location shown on the plans or as directed by the Engineer.

Materials

Wood:

Posts, beams, side beams, joists, support posts, rafters, side rafters, frame logs, rafter headers, ridge beams, deck lumber and hand rail.

#1 construction Grade
Pressure treated 61.41 kg/m³ (0.40 lbs./cu. Ft.)
Southern Yellow Pine or Douglas Fir.

Metal Fasteners:

Carriage bolts, washers and nuts, lag bolts.

Hot-dipped galvanized, I Grade 5 steel.

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Common nails, wood screws, joist hangers, post anchors, post caps, T-strap, corner post cap., hurricane ties, etc.

Footing Concrete

Pre-packaged concrete mix.

Steel Roof, Eave Trim & Cable Trim:
(Batten or standing seam)

Baked on exterior finish 20-year warranty
26 gauge steel ASTM-A-446 hot-dipped galvanized with a substrate coating of G-90 per ASTM-A-525, UL90

Other Material:

Adhesive

Waterproof type for outdoor use as approved by Engineer.

Construction Details

General construction of the fishing platform shall be done in accordance with the specifications, the plans, all applicable local codes and the accessibility guidelines for buildings and facilities.

Construction and connection of materials to be made in a craftsmanlike manner following accepted practices of the carpentry trade.

Footings:

Postholes shall be dug or augured to form plumb, straight sides. Pre-packaged concrete for footings shall be mixed as per manufacturer's label. Concrete footings shall be 300 mm deep and have a minimum bearing area of 0.10 sm. The finished elevation of the footing

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shall be a minimum 1.2 m below finished surface to prevent frost heave or as shown on the plans.

Posts:

Posts shall be centered on the concrete footings and be placed plumb. Minor adjustments to post location will be allowed to fit framing location.

Girders:

Girders of the size shown on the plans shall be nailed level, resting on cleats, and fastened to posts. Holes to accept 2 - 13 mm carriage bolts shall be field drilled at each post connection.

Joists:

Joists shall be of the size and spacing shown on the plans. Butt joists shall be glued and fastened together using the appropriate size galvanized wood screws at 300 mm on center in a staggered pattern. Open joists shall be fastened to posts and rail supports using 2 - 13 mm carriage bolts per connection.

Decking:

Decking shall be laid crown side up at a 45° angle to the joists and fastened with 2- 75 mm galvanized screws at each joist. Ends of deck boards shall be pre-drilled to prevent splitting railing and supports.

Railing supports shall be plumb and fastened to joists as described above. Rails shall be constructed as shown in the plans and fastened with 2 - 100 mm at each support. Top rails shall be placed at 30° to horizontal.

Roofing:

Metal roof panels and trim shall be screwed to purlins and framing using matching color grommeted screws as per the manufacturer's instructions.

Method of Measurement

Payment will be made at lump sum price bid for the fishing platform.

Basis of Payment

The lump sum price bid shall include the cost of all labor, materials, including excavation and backfill, and concrete footing for posts, and equipment necessary to complete the work. All work shall be done in a manner satisfactory to the Engineer.