

ITEM 01615.10xx M - KIOSK

DESCRIPTION

The work shall consist of constructing and installing a two sided or three sided Kiosk as indicated in contract documents and as ordered by the Engineer.

Submittals. The Contractor shall submit shop drawings to show exact dimensions, fastenings, footings and installation procedure. As-built drawings are required if changes are made during construction to the original plans.

The Contractor shall have responsibility for submittal and distribution of shop drawings. The provisions of Section 2, Drawings, of the New York State Steel Construction Manual will apply, except as modified herein or by other notes in the Contract documents.

CArticle 202 of the NYSSCM should be revised from A... Shop drawings shall be cut to a standard size of 22 x 36 inches... The working space on these drawings will therefore be 21 inches by 33 1/2 inches...@ to A... Shop drawings shall be cut to a standard size of 22 x 34 inches... The working space on these drawings will therefore be 21 inches by 31 1/2 inches...@

CThe attached Shop Drawing Submittal Procedure supersedes the shop drawing submittal and distribution requirements of any and all sections of the New York State Steel Construction Manual.

The locations shall be approved by the Engineer before installation of the kiosk.

MATERIALS

Wood. Grade No. 1 Southern Yellow Pine, Douglas Fir, hardwood or better.

Preservation Treatment. Chromated Copper Arsenate (CCA), AWPA C-84. Pressure treat with CCA to a minimum net retention of 0.60 pounds per cubic foot for posts, 0.4 pounds per cubic foot for 2 x material. Kiln dry all material to less than 19% moisture content. All surfaces including end cuts shall be stained with 2 coats of Java Brown solid color oil stain (manufactured by Pittsburgh Paints). All wood is to dry in a protected environment for a minimum of 30 days prior to staining.

Hardware. All screws, bolts, and nails shall be hot-dipped galvanized steel.

Wood Shake Shingles. Class "C", UL790, No. 1 Red Cedar Shingles. Shingles shall be 18" long, ? inch thick at butt, hand split and resawn, split face and sawn back, random width.

1. Starter course length 15 inches with 1 inch overhang beyond fascia trim.
2. **Nails.** Rust resistant, galvanized, shingle nails shall be used with sufficient length to completely penetrate the wood sheathing.
3. **Ice and Water Shield.** Underlayment shall be installed over entire roof deck. Material shall be as manufactured by W.R. Grace & Co., Bituthene.

Plywood shall comply to APA designations as shown on the drawings.

ITEM 01615.10xx M - KIOSK

HDO - High Density Overlay Plywood. Submit for approval by owner. Color of overlay shall be black.

Steel Angle - ASTM A37 steel, galvanized and painted black. Two coats Alkyd Enamel as approved by owner.

Concrete - 3000 PSI, Class A.

CONSTRUCTION DETAILS:

Layout. The Engineer will determine installation sequence of all kiosks. Verify exact location with the Engineer prior to installation.

Excavation. Protect adjacent ground surfaces and minimize disturbance. Footings shall be free from impounded water.

Installation.

1. Concrete footings shall be poured as weather conditions permit after excavation is completed and approved by the Engineer.
2. Recess footings as shown on the plans. Fine grade disturbed area with same material to match adjacent material. Compact material is to match surrounding grade.
3. Set all vertical members plum and true.
4. All construction shall be of quality materials, and workmanship. The drawings show general requirements in design and details and shall be further detailed and amplified by the Contractor according to accepted practice.
5. Red cedar shingles shall be installed over wood sheathing and Ice and Water Shield.
6. Exposure of shake shingle shall be a maximum of 6" to the weather.
7. Secure each shake shingle with 2 (only) galvanized or non-ferrous nails with either barbed or threaded shanks, long enough to penetrate through the wood sheathing, driven at least 1" from each edge, and 1-2" above butline of the course to follow. Do not drive nail heads into shingle. Offset edges a minimum of 1 1/2" for successive courses.
8. Use alternating overlap method for hip and ridge shingles site-constructed. Weather exposures should be the same as field of the roof. Choose shingles of uniform width from 3" to 4".
9. Install additional 6" wide strip of Ice and Water Shield on ridge and hips.

Interpretive Panel. Panel shall be installed on the kiosk structure with framing system provided by the manufacturer and approved by the Engineer.

ITEM 01615.10xx M - KIOSK

METHOD OF MEASUREMENT:

Kiosk structure shall be measured by each kiosk acceptably installed and approved by the Engineer.

BASIS OF PAYMENT:

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

Payment will be made under:

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
01615.1002 M	KIOSK - 2 SIDED	EACH
01615.1003 M	KIOSK - 3 SIDED	EACH

DISAPPROVED BY EI 12-001