

ITEM 599.0608XX04 M WOOD DOORS

DESCRIPTION

The work shall consist of removing existing wood doors, frames and accessories and installing panel wood doors, wood door frames, trim and hardware.

MATERIALS

The type of panel wood doors required include the following:

- Exterior stile and rail doors with raised panels.
- Screen doors.

Units shall be factory assembled to the greatest extent possible. Doors and frames to be factory prepared for all hardware. Exterior surfaces of doors, frames and trim shall be shop primed and shall have glass installed.

Raised Panel Doors

Materials for solid wood stile and rail doors shall be select softwood, water-repellant, preservative-treated in accordance with WOMA I.S.-4. Raised panels shall be 32 mm thickness; stiles and rails shall be 44 mm thickness; raised moldings and carved lock rails shall match existing door designs for each type. Frames shall be rabbeted from 44 mm stock. Trims and casings shall be 19 mm thickness with profiles to match existing trims.

Glass shall be 6mm tempered plate FS DDG-451, Type I.

Screen Doors

Select pine with aluminum wire screen. Vintage Woodworks #7190, Columbia Manufacturing Corp. Laredo, Coppa Woodworking #3600-H.

Hardware:

- Hinges: Stanley, Hager or McKinney
FBB 179, 114 mm x 114 mm US3
- Lockset: Sargent, Schlage, Corbin (Sargent Core)
FF-H-106, Type 84
Sargent 7700 line – Function F-12-OB Trim x US3
- Threshold: Pemco, Reese or National Guard – 272A
- Sweep: Pemco, Reese or National Guard – 315AN
- Weatherstrip: Pemco, Reese or National Guard – 305AR

Paint:

- Primer: Fed. Spec. TT-P-25, Devoe, Pittsburgh or Sherwin Williams;
- Finish Coats: Fed. Spec. TT-P-37, Devoe, Pittsburgh or Sherwin Williams

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CONSTRUCTION DETAILS

Field measure all existing openings into which new units are to be installed. Fabricate all work in accordance with quality standards of the National Wood Window and Door Association (NWWDA) NWWDA I.S.6 "Industry Standard for Wood Stile and Rail Doors."

Install units into existing openings. Set units plumb, level and true to line without warp or rack of frames. Provide support and anchor into place. Install and adjust all hardware to provide smooth operation with tight, weatherproof closure. Lubricate moving parts. Provide each door with 1-½ pair of hinges, one lockset, one threshold, one sweep, one set of weatherstrip and key lock to existing waterways maintenance masterkey system.

Field finish with two finish coats all doors, frames and trim to the color specified by the Architect.

Protect all work until final acceptance.

METHOD OF MEASUREMENT

The work for this item will be measured as a lump sum unit of work for each Lift Bridge Control Tower.

BASIS OF PAYMENT

The lump sum price bid per control tower for this item shall include the cost of all labor, materials, and equipment required to complete the work of this item.

Payment will be made under:

- Item 599.06080104 M Wood Doors – Ingersoll Street Control Tower
- Item 599.06080204 M Wood Doors – Washington Street Control Tower