
SECTION 06 20 00

FINISH CARPENTRY

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Provide finish carpentry with accessories as required for complete installation.
 - 1. Provide interior wood trim and jambs.
 - 2. Provide wood closet and storage shelving.
 - 3. Provide manufactured metal closet poles.
 - 4. Provide Janitor closet mop holders.
- B. Related Sections:
 - 1. Section 04 44 00: Stone countertops.
 - 2. Section 06 40 00: Architectural woodwork; casework, countertops, and paneling.
 - 3. Section 12 33 00: Manufactured residential casework.

1.2 REFERENCES

- A. Architectural Woodwork Standards, Edition 2, 2014, (AWS) adopted and published jointly by AWI, AWMAC, and Woodwork Institute.

1.3 ADMINISTRATIVE REQUIREMENTS

- A. Coordination, Wood Jambs: Coordinate wood door jambs with Section 08 14 00 – Wood Doors for pre-hung wood doors.

1.4 SUBMITTALS

- A. Product Data: Submit literature for manufactured items.
- B. Shop Drawings: Indicate materials and wood species, component profiles, fastening, and joining details, finishes, and accessories.
- C. Samples: Furnish samples of each type of finish carpentry.
- D. Assurance Options: AWS certification and monitored compliance programs will not be required for finish carpentry.

1.5 QUALITY ASSURANCE

- A. Sustainability Requirements: Comply with CALGreen requirements including those relative to finish material pollution control for adhesives, sealants, and caulks, and for composite wood products formaldehyde limitations.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver materials until site conditions are adequate to receive work; protect items from weather while in transit.
- B. Store materials indoors, in ventilated areas with constant but minimum temperature of 60 degrees F and maximum relative humidity of 25% to 55%.
- C. Do not begin installation of finish carpentry until space is fully enclosed and mechanical systems are fully operational.
 - 1. Maintain interior installation areas at 70 degrees F and 50% to 55% relative humidity.
- D. Immediately remove from site materials with visible mold and materials with mildew.

PART 2 - PRODUCTS**2.1 MATERIALS**

- A. System Description: Provide finish carpentry systems specified complying with Architectural Woodwork Standards (AWS) and including accessories as required for complete installation.
- B. Opaque Painted Interior Wood Trim and Jambs:
 - 1. Quality: AWS/Custom Grade.
 - 2. Wood: White Birch or Poplar.
 - 3. Texture: Surfaced.
- C. Wood Shelving: Provide wood board shelves or hardwood plywood with 3/4" by 1-1/4" hardwood nosing, minimum 3/4" thick.
 - 1. Quality: AWS/Custom Grade, for opaque paint finish.
 - 2. Fixed Wood Shelf Supports: AWS/Custom Grade, softwood for opaque finish.
- D. Metal Closet Poles: Provide metal tube units with end brackets; provide intermediate brackets where recommended by manufacturer; bright chromium finish.
 - 1. Manufacturers:
 - a. Knape & Vogt Mfg Co./770-1 Chrome Closet Pole, 734-735 brackets.
 - b. Substitutions: Refer to Section 01 25 00.

- E. Janitor Closet Mop Holders: Spring loaded anti-slip mop holders with rubber cam, with three mop holders on stainless steel.

- 1. Manufacturers:

- a. Bobrick Washroom Equipment, Inc./Model B-223.
- b. Bradley Corp./Model 9953.
- c. American Specialties Inc./Model 0796A.
- d. Substitutions: Refer to Section 01 25 00.

- F. Anchors, Nails and Screws: Select the material, type, size and finish required by each substrate for secure anchorage; provide toothed steel or lead expansion bolt screws for drilled-in-place anchors.

- G. Wood Filler: Color to match wood being filled.

2.2 FABRICATION

- A. Fabricate finish carpentry items in accordance with specified quality standard.
- B. Use exposed fastening devices or nails only when approved and unavoidable; arrange neatly.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Field Measurements: Take field measurements prior to preparation of shop drawings and fabrication where possible; do not delay job progress, allow for trimming and fitting.
- B. Verify surfaces are ready to receive work and field measurements are as shown on shop drawings.
 - 1. Beginning installation signifies acceptance of conditions.
- C. Ensure mechanical and electrical items affecting work are properly placed, complete, and have been inspected by applicable authorities prior to commencement of installation.
- D. Inspect each piece of finish carpentry and discard damaged and defective pieces.

3.2 INSTALLATION

- A. Install work consistent with specified AWS quality grade, plumb, level, true and straight with no distortions; shim as required, using concealed shims.
 - 1. Prime paint surfaces in contact with cementitious materials prior to installation; comply with requirements of Section 09 90 00 – Painting and Coating.
- B. Secure work to blocking with countersunk, concealed fasteners and blind nailing as required for a complete installation.

- C. Scribe and cut for accurate fit to other finished work.
- D. Install finish carpentry in single, unjointed lengths for openings and for runs less than 10'-0".
 - 1. For longer runs, use only one piece less than 10'-0" in any straight run; provide scarf joints between members.
 - 2. Stagger joints in adjacent members.
 - 3. Cope at returns and miter at corners.
- E. Accessories: Install accessories in accordance with manufacturer's recommendations in locations indicated or as directed by Architect.
- F. Acceptable Tolerances:
 - 1. Variation from True Position: Maximum 1/16" at any position and maximum 1/8" in any 10'-0" length.
 - 2. Adjoining Surfaces of Same Material: No variation permitted.
 - 3. Offset with Abutting Materials: Maximum 1/32".
- G. Preparation for Field Finishing:
 - 1. Sand work smooth and set exposed nails and screws.
 - 2. Apply wood filler in exposed nail and screw indentations and leave ready to receive site-applied finishes.
 - 3. Seal concealed and semi-concealed surfaces; brush apply only, using primer consistent with finish coats specified under Section 09 90 00 – Painting and Coating.

END OF SECTION