

SECTION 06 20 00

FINISH CARPENTRY

PART 1 – GENERAL

1.1 PURPOSE

- A. This guideline is intended to provide useful information to the Professional Service Provider (PSP) to establish a basis of design. PSP is to apply the principles of this section such that the University of Texas at Arlington (UTA) may achieve a level of quality and consistency in the design and construction of their facilities. Deviations from these guidelines must be approved by UTA and may require justification through Life Cycle Cost (LCC) analysis and submitted to UTA for approval.

1.2 LESSONS LEARNED AND DESIGN CONSIDERATIONS

- A. X

1.3 SECTION INCLUDES

- A. Finished carpentry items.

1.4 RELATED REQUIREMENTS

- A. Section 06 10 00 – Rough Carpentry: Support framing, grounds, and concealed blocking.
- B. Section 06 41 00 – Architectural Wood Casework: Shop fabricated custom cabinet work.
- C. Section 09 90 00 –Painting and Coating: Painting and finishing of finished carpentry items.

1.5 REFERENCE STANDARDS

- A. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards; current edition.
- B. NHLA G-101 - Rules for the Measurement & Inspection of Hardwood & Cypress; current edition.

1.6 SUBMITTALS

- A. See Division 01 for submittal procedures.
- B. Shop Drawings: Indicate materials, component profiles, fastening methods, jointing details, accessories, to a minimum scale of 1-1/2 inch to 1 ft.
- C. Samples: Submit two samples of wood trim 12 inch long.

1.7 QUALITY ASSURANCE

- A. Fabricator Qualifications: Company specializing in fabricating the products specified in this section with minimum five years of documented experience.
 - 1. Single Source Responsibility: Provide and install this work from single fabricator.
 - 2. Single Source Supply: All wood veneer shall be from the same source.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Protect work from moisture damage.

PART 2 – PRODUCTS

2.1 FINISH CARPENTRY ITEMS

- A. Unless otherwise indicated provide products of quality specified by AWI Architectural Woodwork Quality Standards Illustrated for Custom grade.
- B. Unless otherwise indicated provide products of quality specified by Woodwork Institute Manual of Millwork for Custom grade.

2.2 LUMBER MATERIALS

- A. Hardwood Lumber: As selected by Architect.
 - 1. Grading: In accordance with NHLA Grading Rules; www.natlhardwood.org.

2.3 ADHESIVE

- A. Fasteners Adhesive: Type recommended by laminate manufacturer to suit application.

GUIDE SPECIFICATIONS FOR DESIGN AND CONSTRUCTION DOCUMENTS

2.4 FASTENINGS

- A. Treated Adhesive for Purposes Other Than Laminate Installation: Suitable for the purpose; not containing formaldehyde or other volatile organic compounds.
- B. Concealed Joint Fasteners: Threaded steel.

2.5 ACCESSORIES

- A. Lumber for Shimming and Blocking: Softwood lumber of Southern Yellow Pine or Fir species.
- B. Primer: Alkyd primer sealer.
- C. Wood Filler: Solvent base, tinted to match surface finish color.

2.6 FABRICATION

- A. Shop assemble work for delivery to site, permitting passage through building openings.
- B. When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide trim for scribing and site cutting.

2.7 SHOP FINISHING

- A. Sand work smooth and set exposed nails.
- B. Apply wood filler in exposed nail indentations.
- C. Finish work in accordance with AWI/AWMAC/WI (AWS), Section 5 - Finishing for grade specified and as follows:
 - 1. Transparent:
 - a. System - 12, Polyurethane, Water-based.
 - b. Stain: As selected by Architect.
 - c. Sheen: Satin.
- D. Back prime woodwork items to be field finished, prior to installation.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Select Verify adequacy of backing and support framing.
- B. Verify mechanical, electrical, and building items affecting work of this section are placed and ready to receive this work.
- C. See Section 06 10 00 for installation of recessed wood blocking.

3.2 INSTALLATION

- A. Provide Set and secure materials and components in place, plumb and level.
- B. Carefully scribe work abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim to conceal larger gaps.
- C. Install prefinished paneling with full bed contact adhesive applied to substrate.

3.3 TOLERANCES

- A. Coordinate Maximum Variation from True Position: 1/16 inch.
- B. Maximum Offset from True Alignment with Abutting Materials: 1/32 inch.

END OF SECTION