



Division 6
Wood & Plastic



SECTION 06100 - ROUGH CARPENTRY

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide rough carpentry:
 - 1. Framing with timbers.
 - 2. Wood grounds, nailers, and blocking.
 - 3. Building wrap.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Lumber Standards and Grade Stamps: DOC PS 20, American Softwood Lumber Standard and inspection agency grade stamps.
- C. Preservative Treatment: AWPA C2 for lumber and AWPA C9 for plywood; waterborne pressure treatment. Provide for wood in contact with soil, concrete, masonry, roofing, flashing, dampproofing and waterproofing.
- D. Fire-Retardant Treatment: AWPA C20 for lumber and AWPA C27 for plywood; noncorrosive type. Provide at building interior where required by code.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Timbers:
 - 1. Species and Grade: WCLIB/WWPA select structural Douglas fir.
 - 2. Species and Grade: SPIB No. 1 dense SR southern pine.
 - 3. Type: Free of heart center.

B. Auxiliary Materials:

1. Building Paper: Asphalt-saturated organic felt, ASTM D 226, Type I, No. 15 felt, unperforated.
2. Building Wrap: Air-retarder sheeting made from polyolefins; cross-laminated films, woven strands, or spun-bonded fibers; coated or uncoated; with or without perforations; ASTM E 1677, Type I.
 - a. Approved manufacturers: 'Tyvek' house and stucco wrap or approved equivalent.
3. Sill Sealer Gaskets: Glass fiber strip resilient insulation.
4. Framing Anchors and Fasteners: Non-corrosive, suitable for load and exposure. Drywall screws are not acceptable.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Securely attach rough carpentry work to substrate by anchoring and fastening as indicated,
- B. Plywood: Comply with applicable recommendations contained in APA Form No. E30K, "APA Design/Construction Guide: Residential & Commercial"
- C. Provide nailers, blocking and grounds where required. Set work plumb, level and accurately cut.
- D. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction. Coordinate with other work.
- E. Comply with manufacturer's requirements for cutting, handling, fastening and working treated materials.
- F. Restore damaged components. Protect work from damage.

END OF SECTION

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PART 2 - PRODUCTS

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 - 2. Species and Grade: SPIB No. 1 dense SR southern pine.
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1. Building Paper: Asphalt-saturated organic felt, ASTM D 226, Type I, No. 15 felt, unperforated.
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 - a. Approved manufacturers: 'Tyvek' house and stucco wrap or approved equivalent.
3. Sill Sealer Gaskets: Glass fiber strip resilient insulation.
4. Framing Anchors and Fasteners: Non-corrosive, suitable for load and exposure. Drywall screws are not acceptable.

PART 3 - EXECUTION

3.1 INSTALLATION

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- B. Plywood: Comply with applicable recommendations contained in APA Form No. E30K, "APA Design/Construction Guide: Residential & Commercial"
- C. Provide nailers, blocking and grounds where required. Set work plumb, level and accurately cut.
- D. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction. Coordinate with other work.
- E. Comply with manufacturer's requirements for cutting, handling, fastening and working treated materials.
- F. Restore damaged components. Protect work from damage.

END OF SECTION

SECTION 06400 - ARCHITECTURAL WOODWORK

PART 1 - GENERAL

1.1 SUMMARY

A. Provide exterior architectural woodwork:

1. Standing and running trim and rails.
2. Siding.
3. Shutters.

B. Provide interior architectural woodwork:

1. Standing and running trim and rails.
2. Casework and countertops.
3. Solid-surfacing granite material countertops.
4. Stairwork and rails.
5. Door frames and jambs.
6. Shop finishing of woodwork.
7. Shelving and closet specialties.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.
- C. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Standards: Architectural Woodwork Institute (AWI) "Architectural Woodwork Quality Standards."
- C. Preservative Treatment: Nonpressure method, exterior type, AWPA N1

- D. Fire-Retardant Treatment:
 - 1. Lumber: AWPA C20, non-corrosive type.
 - 2. Plywood: AWPA C27, non-corrosive type.
- E. Wood Products: Comply with the following:
 - 1. Hardboard: AHA A135.4.
- F. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship of each type of architectural woodwork.

PART 2 - PRODUCTS

2.1 EXTERIOR MATERIALS

- A. Exterior Standing and Running Trim and Rails:
 - 1. Grade: Pressure treated wood and 'Hardi panel' fiber cement boards.
 - 2. Finish: Paint.
- B. 'Hardi plank' board Siding: Factory primed fiber cement exterior siding.
 - 1. Type: lap siding.
 - 2. Type: square-edge flat panels; without grooves.
 - 3. Texture: Smooth.
- C. Siding Auxiliary Materials:
 - 1. Fasteners: Stainless steel, siding screws.
 - 2. Horizontal Joint Flashing for Panel Siding: Preformed galvanized steel.
- D. Shutters:
 - 1. Species for Paint Finish: Spanish Cedar.
 - 2. Grade: Premium.
 - 3. Finish: Paint.

2.2 INTERIOR MATERIALS

- A. Interior Standing and Running Trim and Rails:
 - 1. Species for Paint Finish: Rift sawn poplar.
 - 2. Grade: Custom.

B. Interior Wood Casework:

1. Species for Transparent Finish: Plain sawn/sliced natural solid cherry or maple.
2. Grade: Premium.
3. Face Style: Reveal overlay.
4. Frame Fabrication: Face frame.
5. Grain Matching: Vertical.

C. Casework Hardware and Auxiliary Materials:

1. Hardware Standard: ANSI/BHMA A156.9.
2. Hardware Finish and Base Metal: Satin stainless steel.
3. Glass: Clear tempered glass, ASTM C 1048.

D. Solid Granite Countertops:

1. Type: Solid granite, 2 cm (bathroom, restrooms, utility rooms) and 3 cm (kitchen, bar)(4 standard colors).
2. Edge: Decorative beveled edging.
3. Special Fabrication: Under mounted bowls.

E. Stairwork and Rails:

1. Species for Transparent Finish: Rift sawn/cut red oak.
2. Grade: Premium.

F. Interior Frames and Jambs:

1. Species for Paint Finish: Rift sawn poplar.
2. Grade: Custom.

G. Shelving and Closet Specialties:

1. Pantry Shelving: Solid Pine.
2. Closet Shelving: PVC coated wire shelving system.

H. Auxiliary Materials:

1. Screws: FS FF-S-111.
2. Nails: FS FF-N-105.
3. Anchors: Type required for secure anchorage.

I. Factory Finishing of Interior Architectural Woodwork AWI Section 1500:

1. Transparent Finish:
 - a. Grade: Premium.
 - b. Stain: Color as selected by Architect.
 - c. Sheen: Dull satin.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Provide work to sizes, shapes, and profiles indicated. Install work to comply with quality standards referenced. Back prime work and install plumb, level and straight with tight joints; scribe work to fit.
- B. Quality Standard: Install woodwork to comply with AWI Section 1700 for the same grade specified for type of woodwork involved.
- C. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction. Use non-corrosive fasteners for exterior work. Coordinate with work of other sections.
- D. Comply with manufacturer's requirements for cutting, handling, fastening and working treated materials.
- E. Repair minor damage, clean and protect.

END OF SECTION