SECTION 06 10 53
MISCELLANEOUS ROUGH CARPENTRY

PART 1 - GENERAL

1.01 SUMMARY

A. This Section includes the following:
   1. Wood blocking within walls and ceilings.
   2. Wood blocking for roof construction.
   3. Plywood within gypsum board partitions.
   4. Plywood backing panels.
   5. Plastic paneling for janitor's closet.

B. Related Sections:
   1. Section 06 16 00 Sheathing for plywood sheathing, and plywood used for roof edge details.

1.02 SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product.
   1. Include data for fire-retardant treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements.

PART 2 - PRODUCTS

2.01 WOOD PRODUCTS, GENERAL

A. Lumber: DOC PS 20 and applicable rules of grading agencies indicated. If no grading agency is indicated, provide lumber that complies with the applicable rules of any rules-writing agency certified by the ALSC Board of Review. Provide lumber graded by an agency certified by the ALSC Board of Review to inspect and grade lumber under the rules indicated.
   1. Provide dressed lumber, S4S, unless otherwise indicated.

2.02 FIRE-RETARDANT-TREATED MATERIALS

A. General: Comply with performance requirements in AWPA C27 (plywood).

B. Identify fire-retardant-treated wood with appropriate classification marking of testing and inspecting agency acceptable to authorities having jurisdiction.

C. Application: Treat items indicated on Drawings, and the following:
   1. Plywood backing panels.

2.03 MISCELLANEOUS LUMBER

A. General: Provide miscellaneous lumber indicated and lumber for support or attachment of other construction, including the following:
   1. Blocking.
   2. Nailers.

B. For items of dimension lumber size, provide Standard, Stud, or No. 3 grade lumber with 19 percent maximum moisture content of any species.

C. Roof Blocking: Provide lumber with moderate natural decay resistance as determined by the US Forest Service, 19 percent maximum moisture content and one of the following species and grades:
   1. Douglas fir-larch, Douglas fir-larch (North), or Douglas fir-south; NLGA, WCLIB, or WWPA.

D. Interior Wood Blocking: Provide lumber with 19 percent maximum moisture content and any of the following species and grades:
   1. Eastern softwoods, No. 2 Common grade; NELMA.
   2. Northern species, No. 2 Common grade; NLGA.
   3. Western woods, Construction or No. 2 Common grade; WCLIB or WWPA.

2.04 PLYWOOD

A. Telephone and Electrical Equipment Backing Panels: DOC PS 1, Exterior, AC, fire-retardant treated, in thickness indicated or, if not indicated, not less than 1/2-inch nominal thickness.

B. Within Partitions: DOC PS 1, APA 32/16 span rated sheathing, in thickness indicated or, if not indicated, not less than 1/2-inch nominal thickness.

2.05 FASTENERS

A. General: Where carpentry is exposed to weather, in ground contact, pressure-preservative treated, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.

B. Power-Driven Fasteners: NES NER-272.

C. Screws for Fastening to Cold-Formed Metal Framing: ASTM C 954, except with wafer heads and reamer wings, length as recommended by screw manufacturer for material being fastened.

2.06 PLASTIC SHEET PANELING

A. General: Gelcoat-finished, glass-fiber reinforced plastic panels complying with ASTM D 5319.
   1. Products: Subject to compliance with requirements, provide one of the following:
      a. Crane Composites; Kemlite Glassbord.
      b. Marlite; FRP Panel.
      c. Nudo Products, Inc.; Fiber-Lite Liner.
   2. Nominal Thickness: Not less than 0.09 inch (2.3 mm).
   3. Surface Finish: Molded pebble texture.

4. Color: White.

B. Trim Accessories: Manufacturer's standard one-piece vinyl extrusions designed to retain and cover edges of panels. Provide division bars, inside corners, and caps as needed to conceal edges.

PART 3 - EXECUTION

3.01 INSTALLATION, GENERAL

A. Set carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit carpentry to other construction; scribe and cope as needed for accurate fit. Locate nailers, blocking, and similar supports to comply with requirements for attaching other construction.

B. Securely attach carpentry work to substrate by anchoring and fastening as indicated, complying with the following:
1. NES NER-272 for power-driven fasteners.
2. Table 2304.9.1, "Fastening Schedule," in ICC's International Building Code.

3.02 PLASTIC PANEL INSTALLATION

A. Install plastic paneling according to manufacturer's written instructions in a full spread of adhesive.

B. Install trim accessories with adhesive and nails or staples. Do not fasten through panels.

C. Fill grooves in trim accessories with sealant before installing panels and bed inside corner trim in a bead of sealant.

END OF SECTION 06 10 53