

SECTION 06100 - CARPENTRY

PART I - GENERAL

1.01 DESCRIPTION

- A. The work includes but is not limited to rough carpentry, wood trusses, finish carpentry and casework.

1.02 QUALITY ASSURANCE

- A. Wood Trusses; Comply with Truss Plate Institute recommendations and publications as applicable.
- B. Casework; Comply with Architectural Woodwork Institute "Architectural Woodwork Quality Standards" latest edition, section 400 as applicable, custom grade.

1.03 SUBMITTALS

- A. Wood trusses; submit shop drawings to architect of record.
- B. Casework; submit shop drawings to architect of record.
- C. Fire Retardant Treatment for Wood: Submit to architect of record and Walgreens; manufacturer, name of process and warranty terms.

PART II - PRODUCTS

2.01 LUMBER AND TRUSSES

- A. Comply with PS 20 "American Softwood Lumber Standard".
- B. Factory mark each piece of lumber with grade stamp evidencing compliance with grading rules and moisture content.
- C. Dress lumber; dressed S4S.
- D. Provide lumber with 19% moisture content at time of dressing.
- E. Provide grade and species as required by the architect of record.
- F. Provide treated lumber for exterior framing and as required by local codes.
- G. Provide fire treated lumber for all sheathing, blocking & trim.

2.02 SHEATHING & PANELS

- A. Roof Sheathing: Provide 5/8" minimum thickness fire retardant plywood, APA rated for exterior use. Oriented Strand Board (OSB) is not acceptable.
- B. Wall Sheathing:
 - 1. Plywood: APA rated for exterior exposure, fire retardant 5/8" minimum thickness. Oriented Strand Board (OSB) is not acceptable.
 - 2. Glass Mat Gypsum Boards: Dens-Glass Gold or Dens-Glass Gold Fireguard, by Georgia-Pacific Corp, or GlasRock™ by BPB America, Inc., 5/8" minimum thickness.
 - 3. Fiberock® Brand Sheathing, 5/8" minimum thickness, by U.S. Gypsum Company.

- C. Plywood backing for telephone/electrical, fire retardant APA C-D plugged - in with exterior glue 3/4" minimum thickness, install with "C" face exposed.
- D. Plywood backing for sales floor mirrors shall *NOT* be fire treated plywood.

2.03 WOOD TREATMENT

- A. Preservation Treatment: Comply with applicable standards of AWWA C2 (lumber) and C9 (plywood) and AWPB listed below
 - 1. Pressure-treat above ground items with water-borne preservatives complying with AWPB LP-2. After treatment, kiln-dry lumber and plywood to a maximum moisture content, respectively, of 19% and 15%.
 - 2. Pressure-treat ground or water contacting members complying with AWPB LP-22.
- B. Fire Retardant Treatment: Comply with AWWA C-27 as applicable. Process shall not promote premature degradation of wood products in the conditions in which fire-treated lumber/panels will be installed.
 - 1. Provide materials with maximum moisture content, after treatment, of 15% or less.
 - 2. Manufacturer: Interior applications: provide "Dricon FRT" or "Hoover Pyro-Guard", with current warranty.

Exterior applications: provide "Dricon FRX exterior FRT wood or "Hoover Exterior Fire-X".
- C. Fasteners: Provide stainless steel or hot-dipped-galvanized connectors/fasteners. Hot-dipped fasteners/connectors shall be continuous galvanized G 185 or G90 HDG per ASTM A-653, batch/post HDG per ASTM A-123 (connectors) ASTM A-153 (fasteners) or mechanical galvanized per ASTM B-695, class 55 or better.

2.04 PLASTIC LAMINATE FABRICATIONS

- A. All fabrications to be self edged with plastic laminate.
- B. Countertops and sills: Comply with AWI standard 400, custom grade.
- C. Plastic Laminate: 1/16" thick materials as follows:
 - 1. Sill at pharmacy wall & sales area; Wilsonart #2970-6 "White Leather".
 - 2. Employee Room countertop with back and side splashes: Wilsonart #2970-6 "White Leather", cabinet: Wilsonart #1573-60 "Frosty White".
 - 3. Storefront stool: Wilsonart #2970-6 "White Leather".
 - 4. Drive-Thru Casework: Laminate panel at drive-thru window removable knee wall countertop, side and back panels: Wilsonart # 1595-60 "Matte Black".

2.05 MISCELLANEOUS

- A. Closet/Storage Shelving: Comply with AWI 600, custom grade, paint finish.
- B. Miscellaneous wood trim; Comply with AWI 300, custom grade, paint finish.

- C. Building Paper: ASTM D 226, Type I, 15 LB, non-perforated asphalt saturated felt.
- D. Hardboard: Opaque, grade II, tempered smooth one side, 1/4" thick.
- E. Cedar Fence: Western Red Cedar or White Cedar with band sawn textured surface.
 - 1. Posts: Galvanized steel posts, concealed on the show side (facing neighbors) by a wood board/picket. Provide ASTM A-90 zinc coating, Type I. Line posts shall be min. 2.375" (nom. o.d.). Corner and terminal posts shall be min 3.0" (nom. o.d.).
 - 2. Rails: Grade; Standard or Better per NLGA 122b, c, WCLIB 122b, c and WWPA 40.11.
 - 3. Boards: Grade; Custom Knotty per WRCLA.
 - 4. Sealer: Olympic Maximum™ Clear Waterproofing Sealant or Walgreen approved equal.

PART III - EXECUTION

3.01 GENERAL

- A. Securely and properly support and anchor all work to accurate fit, lines, level, and plumb without distortion.
- B. Install fire-retardant treated materials in environments and with proper ventilation to prevent degradation of wood materials.
- C. Metals in contact with pressure treated wood ie; blocking at metal deck, etc., shall be separated by a #15 felt paper.
- D. Do not cut or alter wood trusses members.
- E. Condition woodwork/casework to average prevailing humidity conditions in installation area prior to installing.

END OF SECTION

