

## Division 06 - Wood and Plastics

### 06100 – ROUGH CARPENTRY WORK –

Temporary and permanent materials and methods of wood framing, sheathing, and decking for floors, walls, partitions, roof; setting of miscellaneous anchorages, back-up, and framing devices furnished by other trades.

**A – LUMBER** – WWPA Standard Grading Rules for Western Lumber, noncombustible or other pretreatment as required by code.

**01 – BOARD LUMBER** (1" thick by 2" or more wide) – Nominal dimension S4S S-Dry No. 3 Common or Standard and Better for grounds, sleepers, furring, stripping, bucks, X-bridging, shims and rungs.

**02 – LIGHT FRAMING AND STUDS** (2" to 4" thick, 2" to 6" wide, 10' and shorter) – Nominal dimension S4S S-Dry No. 2 and Better minimum 1000Fb single for studs, posts, joists, rafters, plates, framing, strips, blocking, lintels, ledgers, solid bridging, bracing, roof curbs, stringers and carriages.

**03 – STRUCTURAL JOISTS AND PLANKS AND APPEARANCE** (2" to 4" thick, 5" and wider) – Nominal dimension S4S S-Dry Standard and Better or Stud Grade minimum 650Fb for grounds, sleepers, furring, stripping, bucks, nailers, cants and shims.

**B – SPECIAL CONSTRUCTION AIDS** – Temporary ladders, runways, platforms, catwalks of Structural, Light Framing, Board Lumber as precedingly specified for general use by all trades.

**C – ROUGH HARDWARE** – Nails, spikes, screws, bolts, ramsets, anchors, similar items not furnished by other trades but required to draw-up and rigidly secure members: wood-to-wood, wood-to-metal, wood-to-masonry, wood-to-concrete, metal-to-metal, metal-to-masonry, metal-to-concrete, and other materials to satisfactorily complete the various phases of construction toward erection of a sound, safe, nonsqueak structure.

**D – PLYWOOD** – Each panel identified with grade trademark of APA and meets requirements of PS 1, noncom where noted or required by code; type, group, grade, finish, for purpose intended.

**E – WALL SHEATHING** – Gypsum or fiberboard as determined and engineered by **A/E** or **DBT** for purpose intended in compliance with code requirements.

**F – BLOCKING/BACKING** – In-the-wall/partition miscellaneous lumber/plywood back-up blocking/backing required for installation/mounting of fixtures, frames, hardware, railings, cabinets, casework, countertops, shelving, specialties, miscellaneous items of the work.

### 06155 – WOOD CHORD-METAL JOISTS –

Shop-fabricated Trus-Joist or Sanford SPAN-JOIST roof and floor joists of wood top and bottom chords and tubular steel trussing steel pin jointed framing system complete with associated bridging, bracing, anchorages, fasteners, supports.

06182 – GLUED LAMINATED STRUCTURAL UNITS –

AITC Architectural Grade coast region Douglas Fir or Southern Pine roughsawn (S4S) surfaced prefabricated glue-laminated wood arch, bent, column, beam, joist, purlin, truss, lintel units with associated hardware anchorages; manufactured, quality marked, certified for Wet condition of service in conformance with Voluntary Products Standards PS 56.

**A – HARDWARE** for joining members to each other and to supports shall be structural steel fabrications prime-shop-coat-painted for interior and zinc-coated for exterior locations.

06185 – GLUED-LAMINATED VENEER LUMBER STRUCTURAL UNITS –

Trus-Joist MICRO-LAM parallel laminated 1/10" or 1/8" Douglas Fir continuous veneer strips waterproof glued-up prefabricated glued-laminated lumber beam, joist, purlin, rafter, lintel, stud, column units with associated hardware anchorages.

06190 – WOOD TRUSSES –

WWPA Douglas Fir-larch, Hem-Fir, Southern Yellow Pine or Spruce, minimum Fb=1650 psi for repetitive usage maximum 15 percent moisture content kiln dried lumber with no knots over 1" diameter, no splits, no warps, no twists; minimum E=1,500,000; maximum deflection L/480; die-stamped integral toothed galvanized steel connectors each side each joint; galvanized fasteners; galvanized bearing plate anchors and framing connectors.

06196 – PLYWOOD WEB JOISTS –

Trus-Joist solid or laminated Douglas Fir or Hemlock chords having 15 percent maximum moisture content, fingered, and glued scarf joints acceptable; Structural I C-C EXT-APA plywood webs.

06200 – FINISH CARPENTRY WORK -

includes provision of door and window hardware and hollow metalwork, thresholds, weatherstripping, doors, windows, frames, access panels, specialties, signs, millwork, siding, shelving, poles, hooks, paneling, trim, cabinetwork, counters, accessories, and other finish items not installed by other trades.

06240 – PLASTIC LAMINATE(S) –

NEMA LD 3-1.01 General Purpose, Postforming, Cabinetliner, Backer, Specific Purpose, High Wear, Fire-Rated types based on service requirements; minimum .050" thick facing sheets, minimum .020" backing sheets; NEMA LD 3-4.03 2.0 and AWI 100-G-11 resorcinol and phenol-resorcinol, casein, epoxy, polyvinyl, contact adhesive appropriate for service intended.

06310 – PRESERVATIVE TREATED WOOD/PLYWOOD –

Hoover Universal DIXIE CCA, Koppers DIXIE CCA or Koppers WOLMANIZED (CCA) Chromated Copper Arsenate preservative treated lumber and plywood.

06320 – FIRE RETARDANT TREATED WOOD/PLYWOOD -

**A – INTERIOR** – Hoover Universal INTERIOR FIRE-X, Koppers DRICON, or Osmose FLAME PROOF LHC where relative humidity does not exceed 70 percent; Loughman NCX for hardwood(s).

**B – EXTERIOR** – Hoover Universal EXTERIOR FIRE–X or Koppers NCX where relative humidity may exceed 75 percent.

06400 – ARCHITECTURAL WOODWORK -Determined and specified by **A/E** or **DBT** with **LPS**

Property Management Services Department approval and acceptance.

06415 – PLASTIC LAMINATE-FACED CASEWORK -

determined and specified by **A/E** or **DBT** with **LPS** Property Management Services Department approval and acceptance. 06418 – WOOD COUNTERTOPS -A – PARTICLEBOARD – Bohemia, Boise Cascade, Georgia-Pacific, Weyerhaeuser, or Willamette

Industries flat panel, ANSI A208.1 Type 1, medium density Grade B, minimum 45#/cf (720kg/m3) class 2, minimum 3/4" (2cm) thick unless otherwise noted. **B –**

**CLEATS/BLOCKING/FRAMING/BRACING** – Nominal 2x Light Framing and Studs or Structural joists and Planks and Appearance lumber per Items 2.01-A-02 and 2.01-A-03 of Spec SECTION 06100.

**C – FABRICATION/MANUFACTURE/ASSEMBLY/CONSTRUCTION** shall be in accord with AWI Custom Grade requirements. **D – COUNTERTOPS** shall have a formed or milled front edge molding; rolled edges are not required, and self-edging is not acceptable.

06600 – PLASTIC FABRICATIONS -

**A – VALANCE LOUVERS** – Scientific Lighting Products PARAVENT Functional Specular chrome finish or **A/E** or **DBT** accepted equivalent customized panels to fit job site conditions. **01 – RETAINER**

**SUPPORT CLIPS** – Shop-coated sheet steel or aluminum inverted tees, well angles, or other shapes noted/detailed.