

DIVISION 6 – WOOD, PLASTIC & COMPOSITES

06 00 00 WOOD, PLASTIC & COMPOSITES

06 10 00 – ROUGH CARPENTRY

A. General

1. Specify species and grade of all lumber to be used. Provide grade stamp on all lumber.
2. Provide pressurized preservative treatment for wood in contact with dissimilar materials or high moisture areas. Fasteners used in treated wood shall be compatible with treatment used so that they do not deteriorate.
3. Specify all required blocking, grounds, nailers, furring strips, framing members, sheathing, construction panels, engineered wood products, and miscellaneous related materials.
4. Specify all necessary rough hardware. Hardware to be hot dip galvanized for exterior locations or with pressure treated wood.
5. Specify compliance with recommendations of the American Wood Preservers Institute when handling and installing pressure-treated wood.
6. Lumber Standards: Manufacture lumber to comply with PS20 “American Softwood Lumber Standard.”
7. Use of OSB is not allowed.
8. The Design Professional shall specify all uniform and concentrated load combinations that are required for manufactured items or assemblies.

06 20 00 – FINISH CARPENTRY / 06 40 00 – ARCHITECTURAL WOODWORK

A. General

1. As a minimum, specify that work shall conform to custom grade quality standards established by the Architectural Woodwork Institute.
2. Specify species and grade according to type of finish to be applied.
3. Specify plywood of appropriate species and grade for its specific use, both exposed to view and concealed.
4. Plywood is preferred to particle board in most areas. However, plastic laminate manufacturers recommend particle boards. Use 45 lb. minimum Industrial grade particle board for plastic laminate covered countertops. Seal where used at sinks or in moist areas.

5. Countertops in moist areas or with sinks should have minimum 4-inch back splashes and end splashes.
6. Specify pressure lamination for plastic laminate countertops and edges.
7. Specify all required hardware, such as drawer slides and glides, rollers, shelf standards (fixed and adjustable), brackets, sliding door guides, and hooks. Specify full suspension drawer slides.
8. Adjustable Shelves
 - a) Construct with hardwood veneer plywood or plastic laminate veneer on plywood with minimum 1/2" hardwood edges.
 - b) Prefer maximum shelf bracket span of 24" and maximum shelf end overhang of 8 inches.
 - c) Prefer Knappe Vogt 83 standards and 180 brackets for open shelves.
 - d) Design shelves as modular units approximately 4' long by 10 inches minimum depth so that they can be interchanged with other shelving units in the Project.
9. Construction should normally be glued in addition to using mechanical fasteners. Where face nailing must be used, specify blind nailing and nails set to receive filler.
10. Cabinet Door Hardware
 - a) Prefer euro style hinge for full overlay doors. Blum or equivalent.
 - b) Prefer 3 1/2 inch wire pulls.
 - c) Where remodeling, match existing hardware style as close as possible.
 - d) Door/Drawer locks should be verified with Owner's Representative.
11. Specify adjustment and cleaning.