06 00 00 Wood, Plastics and Composites

1.0

A. Mill work shall conform to Architectural Woodwork Institute (AWI) “Quality Standards.”

B. Finish hardwood veneers shall be specified by species and cut and matching of grain.

C. Finished hardwoods to match existing material.
06 10 00  Rough Carpentry

1.0  General

A.  Specify species and grade of all lumber to be used.

B.  Provide for pressurized preservative treatment for wood in contact with concrete for roof blocking and where moisture may occur. Design to avoid contact with roofing asphalt or tar.

C.  Specify all required blocking, grounds, furring strips and framing members.

D.  Specify all necessary rough hardware.

E.  Specify compliance with recommendations of the American Wood Preservers Institute when handling and installing pressure-treated wood.
06 20 00 Finish Carpentry

1.0 General

A. As a minimum, specify that work shall conform to custom grade quality standards established by the Architectural Woodwork Institute.

B. Provide for shop drawings. On large projects, require submission of full size assemblies to verify and establish quality standards.

C. Specify species and grade according to type of finish to be applied. Use transparent intumescent coatings where surface is required to be Class A.

D. Specify plywood of appropriate species and grade for its specific use.

E. Plywood is preferred to particle board in most areas. However, plastic laminate manufacturers recommend particle board. Use 45 lb. industrial grade particle board for plastic laminate covered countertops. Seal where used at sinks or in moist areas.

F. Countertops with sinks and in moist areas should have back splashes and end splashes.

G. Specify pressure lamination for plastic laminate countertops and edges.

H. Specify all required hardware, such as drawer slides and glides, rollers, shelf standards and brackets, sliding door guides and hooks.

I. Consider specifying full suspension drawer slides.

J. Adjustable shelves

1. Constructed with hardwood veneer plywood or plastic laminate veneer on plywood with minimum half inch hardwood edges.

2. Prefer maximum shelf span of 24 inches and maximum overhang of 8 inches.

3. Design shelves to prevent lateral shifting.

4. Prefer Knape Voyt 83 standards and 180 brackets for open shelves.

5. Design as modular units approximately 4 feet long so that they can be interchanged with other shelving units in the project.

6. Design units with integral book ends at each end of unit.
K. Construction should be normally glued in addition to using mechanical fasteners. Where face nailing must be used, specify blind nailing and nails set to receive filler.

L. Coat hooks
1. Normally located in classrooms and laboratories and behind doors in offices.
2. Provide minimum 3 ½ inch wire pulls.

M. Cabinet Door Hardware
1. Prefer 5 knuckle institutional type hinges for full overlay doors.
2. Prefer 3 ½ inch wire pulls.
4. Where remodeling, match existing hardware style as close as possible.

N. Access Panels
1. Access panels for electrical, plumbing and heating plant shall be a minimum of 24” X 24” opening and fire rated where needed.