

DIVISION 6 – WOOD, PLASTICS AND COMPOSITES

061000 - ROUGH CARPENTRY

1. This section addresses wood grounds, furring, nailers, blocking, and sleepers.
2. All miscellaneous lumber fabrication shall be from dimension lumber and shall have a moisture content of 19% maximum.
3. Blocking to support other work is an important element of rough carpentry work. Architect of Record must ensure that a clear scope of blocking is indicated in the contract documents. Some common items that may need concealed wood blocking include, but are not limited to:
 - a. Miscellaneous metals such as handrails
 - b. Finish carpentry, millwork, including office shelving
 - c. Casework and fixed furnishings, including laboratory bench casework and accessories
 - d. Roofs, roof flashings, equipment curbs, roofing accessories and skylights
 - e. Windows
 - f. Chalkboards and tackboards
 - g. Toilet partitions and accessories
 - h. Signage and graphics
 - i. Fire extinguishers and cabinets
 - j. AV Equipment and Projection screens
 - k. Window treatment such as blinds, shades, and drapes
 - l. Electrical framing such as mounting boards for telephone, fire alarm, and electrical panels

END OF SECTION 064000

062000 - FINISH CARPENTRY

1. Follow Industry Standards: Architectural Woodwork Institute (AWI), current edition.

END OF SECTION 062000

064000 - ARCHITECTURAL WOODWORK

1. Industry Standards: Follow the most recent editions of the AWI "Quality Standards," Builders' Hardware Manufacturers Association guidelines and the American Institute of Architects "Environmental Resource Guide." Shop drawings and material product data sheets are required.
1. Manufacturers shall be AWI-certified.
2. Custom grade work shall be specified for typical applications. Premium grade work shall be specified for hospital/clinic patient areas, chemical and biological laboratories, and particular selected items of architectural importance.
3. Non-Laboratory Casework: Casework shall be hardwood. Match existing predominant wood species for remodeling and new work in existing facilities.
4. Plastic Laminate Construction:
 - a. PROHIBITED: "Tee" type moldings or PVC on casework edges.
 - b. Plastic laminate construction shall be high-pressure applications only. All High Pressure Decorative Laminates (HPDL) work shall follow the AWI "Quality Standards".
 - c. HPDL casework shall be of fully balanced construction with face grade laminate or 0.20 cabinet liner/backer sheet minimum. Generally, HPDL shall be GP50-0.50, except PF42-

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0.42 for post forming. All edge treatments shall be pressure-glued and match the casework face, that is, GP50-0.50 or PF42-0.42, laminate. All edges/ends of all shelving and other casework components shall be considered visible and shall be laminated in laboratories or wet areas.

- d. Countertops shall be of HPDL construction for standard interior applications (solid surfacing such as DuPont's Corian or Wilson's Gibraltar or similar products). Modified epoxy or stainless steel may be used for special program requirements. Standard thickness shall be 1-1/4 inch; typically with an integral drip groove at the leading edge. Stainless steel tops at anticipated wet locations shall have an integral marine edge. Specify chemical-resistant HPDL such as Wilson's Chemsurf or Formica Lab Grade 840 or other similar products where minimal chemical resistance is required. HPDL countertops that have water service, sinks or anticipated wet processes shall be manufactured from a water-resistant, exterior-grade MDF substrate that do not contain formaldehyde such as Medite Corp.'s Medite II or Medex or other similar formaldehyde-free products. All visible, semi-concealed and concealed surfaces shall be laminated and sealed against moisture penetration.
5. Shop Drawings: Shop drawings shall indicate physical dimensions and details/profiles of all elements of work, including location of different grades, species and/or finishes. Drawings shall provide dimensions, details and specific directions for all grounds, stripping, and blocking required for installation of the work. Drawings shall also indicate dimensions, details and specific directions for all cutouts or easements required for equipment, accessories, utilities or service access.

END OF SECTION 064000