

Louisiana State University Design Standards

DIVISION 06 – WOOD, PLASTICS & COMPOSITES

1 TREATED LUMBER

- 1.1 Exterior wood shall be pressure treated where in contact with the ground and exposed to weathering. Lumber indicated to be preservative-treated shall comply with the applicable requirements of the American Wood Preservers Association, AWPA C2 (lumber) and AWPA C9 (plywood).
- 1.2 Preservatives for treated-wood blocking and nailers in contact with membrane roofing systems must be approved by the roof system manufacturer. Creosote, pentachlorophenol, copper naphthenate, and copper 8-quin-olate are typically not approved by roofing system manufacturers.

2 WOOD BLOCKING

- 2.1 Wood Blocking to support other work is a major portion of rough carpentry work for University projects. To avoid change orders, the scope of blocking required shall be clearly indicated. The following list includes some of the common items that may need concealed wood blocking.
 - 2.1.1 Miscellaneous metals, such as handrails
 - 2.1.2 Finish carpentry and millwork, including office shelves and casework
 - 2.1.3 Roof and flashing
 - 2.1.4 Roof accessories and skylights
 - 2.1.5 Windows
 - 2.1.6 Chalkboards and tack boards
 - 2.1.7 Toilet partitions
 - 2.1.8 Signage and graphics
 - 2.1.9 Fire extinguishers and cabinets
 - 2.1.10 Toilet accessories
 - 2.1.11 Projection screens
 - 2.1.12 Casework and attached furnishings, including laboratory bench casework
 - 2.1.13 Window treatment such as blinds, shades, and drapes
 - 2.1.14 Electrical framing such as mounting boards for telephone, fire alarm, and electrical panels

3 FINISHED CARPENTRY

- 3.1 Finish carpentry refers to carpentry work that is exposed to view and is non- structural.
- 3.2 The Architectural Woodwork Institute (AWI) publication “Architectural Woodwork Quality Standards, Guide Specifications, and Quality Certification Program” shall be used when designing, detailing, and specifying finish carpentry and millwork.

4 ARCHITECTURAL WOOD CASEWORK

- 4.1 Reference Standards
 - 4.1.1 AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards; 2014, with Errata (2016).
 - 4.1.2 AWMAC/WI (NAAWS) - North American Architectural Woodwork Standards, U.S. Version 3.1; 2016, with Errata (2017).
 - 4.1.3 BHMA A156.9 - American National Standard for Cabinet Hardware; 2015.
 - 4.1.4 NEMA LD 3 - High-Pressure Decorative Laminates; 2005.
 - 4.1.5 ANSI A135.4 - American National Standard for Basic Hardboard; 2012.
 - 4.1.6 ANSI A208.1 - American National Standard for Particleboard; 2009.
 - 4.1.7 ANSI A208.2 - American National Standard for Medium Density Fiberboard for Interior Use; 2009.
 - 4.1.8 AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards; 2014.
 - 4.1.9 HPVA HP-1 - American National Standard for Hardwood and Decorative Plywood; Hardwood Plywood & Veneer Association; 2009 (ANSI/HPVA HP-1).

- 4.1.10 NEMA LD 3 - High-Pressure Decorative Laminates; National Electrical Manufacturers Association; 2005.
- 4.1.11 NHLA G-101 - Rules for the Measurement & Inspection of Hardwood & Cypress; National Hardwood Lumber Association; 2011.
- 4.1.12 PS 1 - Structural Plywood; 2009.
- 4.1.13 PS 20 - American Softwood Lumber Standard; National Institute of Standards and Technology (Department of Commerce); 2010.
- 4.1.14 WI (CCP) - Certified Compliance Program (CCP); current edition at www.woodworkinstitute.com/services.
- 4.1.15 WI (MCP) - Monitored Compliance Program (MCP); current edition at www.woodworkinstitute.com/services.
- 4.2 Quality Assurance
 - 4.2.1 Fabricator Qualifications: Company specializing in fabricating the products specified in this section with minimum five years of documented experience.
- 4.3 Cabinets
 - 4.3.1 Quality Grade - Unless otherwise indicated provide products of quality specified by AWI//AWMAC/WI (AWS) for Premium Grade.