

WVU DESIGN GUIDELINES & CONSTRUCTION STANDARDS
DIVISION 06 – WOODS, PLASTICS, AND COMPOSITES

SECTION 061000 – ROUGH CARPENTRY

PART 1: GENERAL

1.1 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences for framing, sheathing, and decking using timber, lumber, and engineered wood products. Blocking and supports to join members and anchor framework to other construction.
- B. Project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for WVU projects.

1.2 Reference Standards

- A. Forest Stewardship Council (FSC)
- B. American Forest and Paper Association (AFPA)
- C. American National Standards Institute (ANSI)
- D. American Plywood Association (APA)
- E. American Society of Mechanical Engineers (ASME)
- F. American Society for Testing and Materials (ASTM)
- G. American Wood Preservers Association (AWPA)
- H. Federal Specification (FS)
- I. International Conference of Building Officials (ICBO)
- J. International Building Code (IBC) Chapter 23 Wood
- K. U.S. Department of Commerce, National Institute of Standards and Technology

1.3 Quality Control

- A. Contractor shall provide UL label for fire retardant material.
- B. Contractor shall provide certification for preservative treated material.
- C. Lumber shall be kiln dried, bearing stamp of Southern Pine Inspection Bureau or equivalent agency.
- D. Lumber shall be kiln dried moisture content not to exceed 19%.
- E. All lumber shall be milled to established industry dimensions. Example 2X4 – 1 1/2X 3 1/2. Unmilled lumber may be used if a design issue and requires the approval of the WVU Project Representative.

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- F. Use of urea Formaldehyde is not acceptable.
- 1.4 General Requirements
- A. All older campus building should be thoroughly checked for termites and other insect infestations, and specifications should address treatment measures required if termites or other infestations are found during renovation.
 - B. Wood nailers, bucks, grounds and the like shall be construction grade lumber, pressure treated.
 - C. WOOD FRAMING: Stud and furring strip spacing shall be 16 inches on center, maximum.
 - E. Marine Plywood is to be used at all window sills.
 - F. No arsenic may be used in any treatment process.

PART 2: PRODUCTS

- A. Provide appropriate blocking. Metal blocking should be 6” wide minimum and be a minimum of 20 gauge or fire retardant plywood manufactured for back blocking.

PART 3: EXECUTION

- A. Fasten carpentry in accordance with applicable codes and standards. Install wood furring 16 inches maximum on center. Install blocking behind all ADA required grab bars, door stop locations, and other areas as required.

END OF SECTION 061000