

Division 6

GENERAL

- A. For both woods and plastics, special attention is called to matters of flame spread, fuel contribution, smoke generation and toxicity.
- B. All lumber shall be properly seasoned or kiln-dried.

06 100 ROUGH CARPENTRY

- A. Preservative treatment for wood shall be required for all-wood in damp areas or in contact with earth, concrete, masonry, plaster or roofing. All exterior blocking shall be treated.
- B. Preservative and fire-retardant treatments of wood shall be accomplished by means of pressurization. Moisture content of preservative treated wood shall not exceed 15% prior to or after treatment.
- C. All lumber must be inspected, marked according to grade and certified by the appropriate bureau governing that product.
- D. Framing lumber shall be kiln dried "S-DRY", with moisture content not to exceed 19%.
- E. Proper anchors shall be provided for window treatments.

06 130 HEAVY TIMBER CONSTRUCTION

- A. Require that the Contractor provide a complete design analysis of structural components along with shop drawings. Data shall bear the seal and signature of a Connecticut registered professional Architect or Engineer, attesting that design of trusses meets requirements of the specifications and complies with requirements of all codes and ordinances applicable to the particular project.

06 185 STRUCTURAL GLUED LAMINATED TIMBER

- A. Materials, manufacturer and quality control shall be in conformance with ANSI/SITC A190.1, Structural Glued Laminated Timber, and AITC 117, Design: Standard Specifications for Structural laminated Timber of Softwood Species.
- B. All units must be provided with the AITC Quality Inspection Stamp.

06 190 WOOD TRUSSES

- A. The design and fabrication criteria of all wood trusses shall meet with "Timber Construction Standards" by American Institute of Timber Construction and "Design Specifications for Light Metal Plate Connected Wood Trusses" by Truss Plate Institute (TPI).

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- B. All lumber used in the design of wood trusses shall be kiln dried and graded in accordance with the current and applicable grading rules.
- C. Shop drawings shall show all details of truss construction and shall be stamped/sealed by an engineer licensed in the State of Connecticut.

06 200 FINISH CARPENTRY

- A. Materials and Fabrication: Conform to Architectural Woodwork Institute specifications for PREMIUM quality work as a minimum.

06 400 INTERIOR ARCHITECTURAL WOODWORK

- A. Cabinet Work: Materials and fabrication shall conform to Architectural Woodwork Institute specifications for PREMIUM quality work.
- B. Cabinet hardware shall be furnished and installed by the cabinetry installer. Coordinate requirements for locking with University personnel.
- C. Plastic laminates: When specified by the designer, due consideration must be given to the particular condition of usage that will be encountered. Of special concern are flame spread, fuel contribution, smoke generation and toxicity for plastic laminates and for the adhesives used to install them.