

## **PART III – CSU FACILITIES PLANNING, DESIGN AND CONSTRUCTION STANDARDS**

### **DIVISION 06 – WOOD, PLASTICS AND COMPOSITES**

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Housing and Dining Facilities (HDS) has adopted amendments for all HDS facilities. Confirm applicable standards with Project Representative on a per Project basis. Refer to HDS amendments here – <https://housing.colostate.edu/about/construction/>.

### **DIVISION 06 – WOOD, PLASTICS AND COMPOSITES**

#### **06 00 00 – GENERAL INFORMATION**

A. Wood, plastic and composites shall be prohibited for exterior exposure unless approved by Facilities Management (FM).

#### **06 10 00 – ROUGH CARPENTRY**

A. Wood stud wall framing shall be prohibited unless approved by FM.

B. Comply with these standards unless more stringent requirements are required by the Project and Construction Documents:

1. Heavy Timber Construction – American Institute of Timber Construction (AITC) 108 Standard for Heavy Timber Construction
2. Structural Glued Laminated Units – American National Standard Institute (ANSI)/AITC A190.1 Structural Glued Laminated Units
3. Prefabricated Wood Trusses – ANSI/Truss Plate Institute (TPI) "National Design Standard for Metal Plate Connected Wood Trusses" and Building Component Safety Information (BCSI) "Guide to Good Practice for Handling, Installing, Restraining and Bracing of Metal Plate Connected Wood Trusses"

#### **06 20 00 – FINISH CARPENTRY**

A. Pressed wood panel products with added urea–formaldehyde resins, wafer board, low–density particle board and similar products shall be prohibited. Wood paneling shall be used as an interior wall finish if it meets appropriate fire ratings and is approved by FM.

#### **06 41 00 – ARCHITECTURAL WOOD CASEWORK**

A. Wood cabinet details, Specifications and fabrications shall conform to the Architectural Woodwork Institute, Architectural Woodwork Standards, Custom Grade.

B. Plywood with waterproof glue or medium density industrial particle board (MDP) shall be used for countertop bases and shelf substrates.

1. MDP shall not be used within 3'–0" of wet areas.

C. Plastic laminate countertop joints, including backsplashes, shall be sealed with clear or color matching silicon sealant.

D. Wood cabinets shall not be used in wet areas. Extremely high moisture areas in wet labs and animal areas shall have epoxy or other waterproof materials for countertops.

**END OF DIVISION**