PART 1 - GENERAL

1.1 RELATED SECTIONS:

Refer to Section 030000 for the requirements relating to concrete; including concrete exposed to the exterior.

Refer to Section 040000 for the requirements relating to masonry; including the preferences and prohibitions relating to exterior wall materials.

Refer to Section 050000 for the requirements relating to metals; including structural metal framing and cold formed metal framing (metal studs).

1.2 SCOPE OF SECTION:

This section contains the requirements relating generally to wood and plastics used in construction; including rough carpentry, prefabricated structural wood, finish carpentry, wood treatment, architectural woodwork, and plastics.

1.3 GENERAL:

1.4 ROUGH CARPENTRY:

A. INTERIOR WALLS:

Wood framing is not acceptable for interior wall partitions in most University buildings. Exceptions shall be approved by Project Manager.

B. EXTERIOR WALLS:

Wood framing shall not be used in exterior walls unless approved by University Architect.

1.5 PREFABRICATED STRUCTURAL WOOD:
1.6 **FINISH CARPENTRY:**

A. **CASEWORK:**
   1. Casework structural material shall be high-density particle board or plywood.
   2. Only plywood shall be used in areas subject to moisture.
   3. Shelves over 30" in width shall be nominal 1" thickness.

B. **CASEWORK HARDWARE:**
   1. Doors shall have five-knuckle hinges.
   2. Drawer glides shall support a minimum of 50 lbs.

C. **PLASTIC LAMINATES:**
   1. Plastic laminate work should usually be A.W.I. "Custom" grade.
   2. Exterior laminated surfaces shall be a minimum of GP-28.
   3. Laminated countertop surfaces shall be a minimum of GP-50.
   4. Melamine shall be used for interior surfaces of high-pressure laminate casework. Alternative materials shall be approved by Project Manager.
   5. No therma-fused melamine shall be used on exterior surfaces of casework.

D. **CHAIR RAIL:**

   Unless fixed seating is used, all classrooms shall have chair rails. Chair rails shall be nominal 1" by 6" wood with eased edges and finish to be specified.

1.7 **WOOD TREATMENT:**

1.8 **ARCHITECTURAL WOODWORK:**

**CUSTOM CASEWORK:**

Fine woodwork and special plastic laminate work should be A.W.I. "Premium" grade.

Reference A. Casework under 1.6 Finish Carpentry above as appropriate.

1.9 **PLASTICS:**

Solid surface plastic countertops are preferred for high usage areas.