

SECTION 060000 - WOOD AND PLASTICS

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:

East Carolina University Construction Standards	Date of Issue: 01/31/01 Supersedes: NA	Section 060000 Page: 1 of 3
----------------------------------------------------	-------------------------------------------	--------------------------------

SECTION 060000 - WOOD AND PLASTICS

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.

East Carolina University Construction Standards	Date of Issue: 01/31/01 Supersedes: NA	Section 060000 Page: 2 of 3
----------------------------------------------------	-------------------------------------------	--------------------------------

SECTION 060000 - WOOD AND PLASTICS

END OF SECTION

East Carolina University Construction Standards	Date of Issue: 01/31/01 Supersedes: NA	Section 060000 Page: 3 of 3
----------------------------------------------------	-------------------------------------------	--------------------------------