

## SECTION 06 41 00 – ARCHITECTURAL WOOD CASEWORK

### PART 1 - GENERAL

#### 1.1 SYSTEM REQUIREMENTS

- A. Design Requirements:
  - 1. Wood cabinets not permitted in wet areas.
  - 2. Comply with AWI standard; grade as indicated.

### PART 2 - PRODUCTS

#### 2.1 WOOD-VENEER-FACED ARCHITECTURAL CABINETS

- A. WOOD CABINETS FOR TRANSPARENT FINISH
  - 1. Grade: AWI Premium preferred; AWI Custom acceptable based on Project cost.
  - 2. Type of Construction: Frameless.
  - 3. Cabinet and Door and Drawer Front Interface Style: Flush overlay.
  - 4. Wood for Exposed Surfaces:
    - a. Species: White birch or as approved by the University Project Manager.
    - b. Cut: Quarter cut/quarter sawn.
    - c. Veneer Matching: Book match veneer leaves and center-balance match within panel face.
      - 1) Cabinet veneers in each space from a single flitch.
  - 5. Cabinet Interior (not exposed to view): Thermoset decorative panels.
- B. MATERIALS
  - 1. Cabinet Hardware:
    - a. Frameless Concealed Hinges (European Type): BHMA A156.9, B01602, 100 degrees of opening.
    - b. Wire Pulls: Back mounted, solid metal, 4 inches long, 5/16 inch in diameter.
    - c. Heavy Duty Adjustable Shelf Standards and Supports: BHMA A156.9, B04071; with shelf rests, B04081.
    - d. Shelf Rests: BHMA A156.9, B04013; metal; for normal duty cabinet shelving.
    - e. Catches: Magnetic catches, BHMA A156.9, B03141.
    - f. Drawer Slides: BHMA A156.9, B05091.
      - 1) Heavy Duty (Grade 1HD-100 and Grade 1HD-200): Side mounted; full-extension type; zinc-plated steel ball-bearing slides.
      - 2) Box Drawer Slides: Grade 1HD-100; for drawers not more than 6 inches high and 24 inches wide.
      - 3) File Drawer Slides: Grade 1HD-200; for drawers more than 6 inches high or 24 inches wide.
      - 4) Pencil Drawer Slides: Grade 1; for drawers not more than 3 inches high and 24 inches wide.
      - 5) Keyboard Slides: Grade 1HD-100; for computer keyboard shelves.
      - 6) Trash Bin Slides: Grade 1HD-200; for trash bins not more than 20 inches high and 16 inches wide.
    - g. Door Locks: BHMA A156.11, E07121; where indicated and approved by the University Project Manager.
    - h. Drawer Locks: BHMA A156.11, E07041; where indicated and approved by the University Project Manager.
    - i. Track for Sliding Doors:
    - j. Offset Carrier for Sliding Doors:
    - k. Cam Locks: Basis-of-design product; National, C8103.
    - l. Grommets for Cable Passage through Countertops: 2-inch OD, molded-plastic grommets and matching plastic caps with slot for wire passage.

- m. Exposed Hardware Finishes: Satin chromium plated; BHMA 626 (US26D).

C. SHOP FINISHING

- 1. Grade: Same grade as woodwork.
  - a. Finish: System - 11, catalyzed polyurethane.
- 2. Extent: All cabinets shop finished.

2.2 PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS

A. WOOD CABINETS FOR OPAQUE FINISH

- 1. Grade: AWI Premium preferred; AWI Custom acceptable based on Project cost.
- 2. Type of Construction: Frameless.
- 3. Cabinet and Door and Drawer Front Interface Style: Flush overlay.
- 4. Laminate Cladding for Exposed Surfaces:
  - a. Horizontal Surfaces: Grade HGS.
  - b. Postformed Surfaces: Grade HGP.
  - c. Vertical Surfaces: Grade HGS.
- 5. Cabinet Interior: Thermoset decorative panels.

B. MATERIALS

- 1. Cabinet Hardware: Same as for wood-veneer-faced architectural cabinets.

2.3 PLASTIC-LAMINATE COUNTERTOPS

A. Materials:

- 1. High-Pressure Decorative Laminate Grade: HGS.
- 2. Core Material: Exterior-grade marine plywood.
- 3. Backer Sheet: Provide plastic-laminate backer sheet, Grade BKL, on underside of countertop substrate.

PART 3 - EXECUTION (Not Applicable)

**END OF SECTION 06 41 00**