



**DATE:** October 2, 2003  
**TO:** All Bidders  
**RE:** Munger Building First Floor Renovation  
WDM Job No. 02111  
**FROM:** Wilson Darnell Mann P.A.  
105 North Washington  
Contact: Mike Seiwert  
Wichita, KS 67202  
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### **ADDENDUM #1**

This Addendum is hereby made part of the Contract Documents to the same extent as though it were originally included therein. All contractors, subcontractors and suppliers are advised of the following:

#### **ARCHITECTURAL**

- Item 1 Sheet A5.1, Finish Legend, revised the solid surface #1 material (S.S.-1).
- Item 2 Sheet A5.1, Finish Schedule, added porcelain wall tile 1 & 2 to rooms 105, 106, & 107 to match the (interior) elevations.
- Item 3 Sheet A4, elevations H & K, clarified finish materials.
- Item 4 Specification section 06402, Interior Architectural Woodwork, is attached.

**END OF ADDENDUM #1**

Respectfully Submitted,  
**Wilson Darnell Mann P.A.**

A handwritten signature in black ink, appearing to read 'Mike Seiwert', is written over the printed name.

Mike Seiwert  
Project Architect

cc: Paula Downs, Project Manager, Facility Project Services  
Iris Baker, Purchasing Director  
All Bidders per Pre-Bid Sign-In sheet.

## SECTION 06402 - INTERIOR ARCHITECTURAL WOODWORK

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. This Section includes interior woodwork including for the following applications:
  - 1. Standing and running trim.
  - 2. Plastic-laminate cabinets.
  - 3. Plastic-laminate countertops.
  - 4. Solid-surfacing-material countertops.
  - 5. Frames and jambs.
  - 6. Shop finishing of woodwork.
- B. Interior architectural woodwork includes wood furring, blocking, shims, and hanging strips, unless concealed within other construction before woodwork installation.

#### 1.2 SUBMITTALS

- A. Product Data: For the following:
  - 1. Cabinet hardware and accessories.
  - 2. Finishing materials and processes.
- B. Shop Drawings: Include location of each item, plans and elevations, large-scale details, attachment devices, and other components.
- C. Samples:
  - 1. Lumber and panel products for transparent finish, for each species and cut, finished on one side and one edge.
  - 2. Plastic-laminate-clad panel products, for each type, color, pattern, and surface finish.
  - 3. Thermoset decorative-overlay surfaced panel products, for each type, color, pattern, and surface finish.
  - 4. Solid-surfacing materials.

#### 1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Fabricator of woodwork.
- B. Quality Standard: Unless otherwise indicated, comply with AWI's "Architectural Woodwork Quality Standards" for grades of interior architectural woodwork, construction, finishes, and other requirements.

1. Provide AWI certification labels or compliance certificate indicating that woodwork complies with requirements of grades specified.

#### 1.4 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install woodwork until building is enclosed, wet work is complete, and HVAC system is operating and maintaining temperature and relative humidity at levels planned for building occupants during the remainder of the construction period.

### PART 2 - PRODUCTS

#### 2.1 WOODWORK FABRICATORS

- A. Fabricators: Subject to compliance with requirements, provide interior architectural woodwork by one of the following:
  1. Local firm that is AWI certified.

#### 2.2 MATERIALS

- A. Wood for Transparent Finish:
  1. Species and Cut: Red oak, rift sawn or sliced.
- B. Wood Products:
  1. Hardboard: AHA A135.4.
  2. Medium-Density Fiberboard: ANSI A208.2, Grade MD-Exterior Glue.
  3. Softwood Plywood: DOC PS 1, Medium Density Overlay.
  4. Hardwood Plywood and Face Veneers: HPVA HP-1.
- C. Thermoset Decorative Overlay: Medium-density fiberboard with surface of thermally fused, melamine-impregnated decorative paper complying with LMA SAT-1.
- D. Clear Float Glass for Doors: ASTM C 1036, Type I, Class 1, Quality q3, 6 mm thick, unless otherwise indicated.
- E. Clear Tempered Float Glass for Doors: ASTM C 1048, Kind FT, Condition A, Type I, Class 1, Quality q3; manufactured by horizontal (roller-hearth) process, with exposed edges seamed before tempering, 6 mm thick, unless otherwise indicated.
- F. High-Pressure Decorative Laminate: NEMA LD 3.
  1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

- a. Formica Corporation.
  - b. Laminart.
  - c. Wilsonart International; Div. of Premark International, Inc.
- G. Solid-Surfacing Material: Homogeneous solid sheets of filled plastic resin complying with ANSI Z124.3, for Type 5 or Type 6 material and performance requirements, without a precoated finish.
1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:
  2. Products: Subject to compliance with requirements, provide one of the following:
    - a. Avonite, Inc.; Avonite.
    - b. DuPont Polymers; Corian.
    - c. Formica Corporation; Surell.
    - d. International Paper, Decorative Products Div.; Fountainhead.
    - e. Swan Corporation (The); Swanstone.
    - f. Wilsonart International, Div. of Premark International, Inc.; Gibraltar.

### 2.3 FIRE-RETARDANT-TREATED MATERIALS

- A. Fire-Retardant-Treated Lumber and Plywood: Materials impregnated with fire-retardant chemical formulations to comply with AWPA C20 (lumber) and AWPA C27 (plywood), Exterior Type or Interior Type A. Use fire-retardant-treatment formulations that do not bleed through or otherwise adversely affect finishes. Kiln-dry material after treatment.
- B. Fire-Retardant Fiberboard: ANSI A208.2 medium-density fiberboard panels made from softwood fibers, synthetic resins, and fire-retardant chemicals mixed together at time of panel manufacture with flame-spread index of 25 or less and smoke-developed index of 200 or less per ASTM E 84.

### 2.4 CABINET HARDWARE AND ACCESSORIES

- A. Hardware Standard: Comply with BHMA A156.9 for items indicated by referencing BHMA numbers or items referenced to this standard.
- B. Frameless Concealed Hinges (European Type): BHMA A156.9, B01602, self-closing.
- C. Wire Pulls: Back mounted, 4 inches (100 mm) long, 5/16 inches (8 mm) in diameter.
- D. Catches: Magnetic, BHMA A156.9, B03141.
- E. Adjustable Shelf Standards and Supports: BHMA A156.9, B04071; with shelf rests, B04081.
- F. Drawer Slides: Side-mounted, full-extension, zinc-plated steel drawer slides with steel ball bearings, BHMA A156.9, B05091, and rated for the following loads:
1. Box Drawer Slides: [75 lbf (330 N)] [100 lbf (440 N)].

- G. Door Locks: BHMA A156.11, E07121].
- H. Drawer Locks: BHMA A156.11, E07041.
- I. Exposed Hardware Finishes: Complying with BHMA A156.18 for BHMA finish number indicated.
  - 1. Dark, Oxidized, Satin Bronze, Oil Rubbed: BHMA 613 for bronze base; BHMA 640 for steel base.

## 2.5 INSTALLATION MATERIALS

- A. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber kiln-dried to less than 15 percent moisture content.

## 2.6 FABRICATION

- A. General: Complete fabrication to maximum extent possible before shipment to Project site. Where necessary for fitting at site, provide allowance for scribing, trimming, and fitting.
  - 1. Interior Woodwork Grade: Custom complying with the referenced quality standard.
  - 2. Shop cut openings to maximum extent possible. Sand edges of cutouts to remove splinters and burrs.
  - 3. Seal edges of openings in countertops with a coat of varnish.
  - 4. Install glass to comply with applicable requirements in Division 8 Section "Glazing" and in GANA's "Glazing Manual." For glass in wood frames, secure glass with removable stops.
  - 5. For trim items wider than available lumber, use veneered construction. Do not glue for width.
  - 6. Backout or groove backs of flat trim members and kerf backs of other wide, flat members, except for members with ends exposed in finished work.
  - 7. Assemble casings in plant except where limitations of access to place of installation require field assembly.
  - 8. Provide dust panels of 1/4-inch (6.4-mm) plywood or tempered hardboard above compartments and drawers, unless located directly under tops.
- B. Plastic-Laminate Cabinets:
  - 1. AWI Type of Cabinet Construction: Flush overlay.
  - 2. Laminate Cladding for Exposed Surfaces: High-pressure decorative of grade indicated.
    - a. Horizontal Surfaces Other Than Tops: HGS.
    - b. Vertical Surfaces: VGS.
    - c. Edges: HGS.

3. Materials for Semiexposed Surfaces Other Than Drawer Bodies: High-pressure decorative laminate, Grade VGS].
    - a. Drawer Sides and Backs: Thermoset decorative overlay.
    - b. Drawer Bottoms: Thermoset decorative overlay.
  4. Colors, Patterns, and Finishes: Per drawings.
  5. Provide dust panels of 1/4-inch (6.4-mm) plywood or tempered hardboard above compartments and drawers, unless located directly under tops.
- C. Plastic-Laminate Countertops:
1. High-Pressure Decorative Laminate Grade: HGS.
  2. Colors, Patterns, and Finishes: Per drawings.
  3. Edge Treatment: Same as laminate cladding on horizontal surfaces or lumber edge for transparent finish matching wood species and cut on running and standing trim.
  4. Core Material at Sinks: Medium-density fiberboard made with exterior glue,
- D. Solid-Surfacing-Material Countertops:
1. Solid-Surfacing-Material Thickness: 1/2 inch (13 mm).
  2. Colors, Patterns, and Finishes: Per drawings.
  3. Fabricate tops in one piece with shop-applied backsplashes and edges, unless otherwise indicated. Comply with solid-surfacing-material manufacturer's written recommendations for adhesives, sealers, fabrication, and finishing.

## 2.7 SHOP FINISHING

- A. Finish architectural woodwork at fabrication shop. Defer only final touchup, cleaning, and polishing until after installation. Note: it is the design intention that new wood trim and doors be stained to match the refinished historic wood trim.
- B. Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of woodwork. Apply two coats to back of paneling.
- C. Transparent Finish: Comply with requirements indicated below for grade, finish system, staining, and sheen, with sheen measured on 60-degree gloss meter per ASTM D 523:
  1. Grade: Custom.
  2. Finish to be CLS Precatalyzed Nitrocellulose Laquer, 3207 series, as manufactured by Coronado Paint or equal.
  3. Open-Grain Woods After staining, apply paste wood filler to open-grain woods and wipe off excess. Tint filler to match stained wood.
  4. Sheen: Satin, 30-50 gloss units.

## PART 3 - EXECUTION

## 3.1 INSTALLATION

- A. Condition woodwork to average prevailing humidity conditions in installation areas and examine and complete work as required, including removal of packing and backpriming before installation.
- B. Quality Standard: Install woodwork to comply with AWI Section 1700 for the same grade specified in this Section for type of woodwork involved.
- C. Install woodwork level, plumb, true, and straight to a tolerance of 1/8 inch in 96 inches (3 mm in 2400 mm). Shim as required with concealed shims.
- D. Scribe and cut woodwork to fit adjoining work, and refinish cut surfaces and repair damaged finish at cuts.
- E. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Secure with countersunk, concealed fasteners and blind nailing as required for complete installation. Use fine finishing nails [or finishing screws] for exposed fastening, countersunk and filled flush with woodwork and matching final finish if transparent finish is indicated.
- F. Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to greatest extent possible. Fill gaps, if any, between top of base and wall with plastic wood filler, sand smooth, and finish same as wood base, if finished.
- G. Cabinets: Install without distortion so doors and drawers fit openings properly and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation.
  - 1. Fasten wall cabinets through back, near top and bottom, at ends and not more than 16 inches (400 mm) o.c. with No. 10 wafer-head sheet metal screws through metal backing or metal framing behind wall finish.
- H. Countertops: Anchor securely by screwing through corner blocks of base cabinets or other supports into underside of countertop. Calk space between backsplash and wall with sealant specified in Division 7 Section "Joint Sealants."

END OF SECTION 06402