

SECTION 12353

PRE-MANUFACTURED CASEWORK

PART 1 GENERAL

1.1 SUMMARY

- A. Related Sections:
 - 1. Drawings and general provisions of Contract including General and Supplementary Conditions and all Division 1 specification sections.
 - 2. Provision of waste management: Section 01741, Construction Waste Management and Disposal.

1.2 SECTION INCLUDES

- A. Shop fabricated cabinet units and counter tops.

1.3 SUBMITTALS

- A. Shop Drawings: Indicate casework locations, scale plans, elevations, clearances required.
- B. Product Data: Provide data on component profiles, sizes, assembly methods, and schedule of finishes.
- C. Samples: Submit samples of plastic laminate for selection of color and finish.
- D. Sample: Submit one removable front base kitchen cabinet for review and approval.

1.4 QUALITY ASSURANCE

- A. Perform Work in accordance with KCMA (Kitchen Cabinet Manufacturers Association) - Certification Program.

PART 2 PRODUCTS

2.1 CASEWORK

- A. Manufacturers: Products of one or more manufacturers are listed to establish quality, appearance and performance characteristics. Products of other manufacturers may be accepted subject to review by Architect.
- B. Manufacturers of Cabinets:
 - 1. Armstrong Cabinets.
 - 2. Kraftmade.
 - 3. Merrilat Industries Inc.
 - 4. Substitutions: Permitted, subject to compliance with requirements.
- C. Manufacturers of Plastic Laminate:
 - 1. Formica Corp.
 - 2. Nevamar.
 - 3. Pioneer Plastics.
 - 4. WilsonArt.
- D. Cabinet Style:

1. Armstrong "Siena" 068 style, standard reveal door style 1/2" overlay, finish color Natural – White not acceptable.
2. Kraftmade "Zenith", standard reveal door style 1/2" overlay, finish color Ivory – White not acceptable.

2.2 CONSTRUCTION

A. Construction

1. Face Frame: 3/4" multi-ply hardwood plywood.
2. End Panels: 1/2" multi-ply hardwood plywood.
3. Back Panels: 1/8" hardwood plywood.
4. Top and Bottom Panels: 1/2" multi-ply hardwood plywood.
5. Hanging Rails: 3/4" multi-ply hardwood plywood.
6. Doors: Standard reveal 1/2" overlay, 3/4" solid recessed flat panel-in-frame Birch.
7. Drawer Fronts: Solid 3/4" Birch.
8. Drawers: 1/2" solid wood dove-tail corner construction with 1/4" multi-ply hardwood plywood bottom.
9. Shelves: 5/8" multiply hardwood plywood.

2.3 HARDWARE

- A. Drawer and Door Pulls: 4" wire pull, Brushed Chrome.
- B. Hinges: Concealed, self-closing.
- C. Drawer Glides: Side mounted, self-closing, 100 lb. capacity.

2.4 FACTORY FINISHING

- A. Exposed To View Surfaces: Stain, seal and varnish.
- B. Interior Surfaces: Clear coat sealer finish.

2.5 COUNTERTOPS

- A. Quality Standard: Comply with AWI Section 400 and its Division 400C.
- B. Type of Top: High pressure decorative laminate complying with the following:
 1. Grade: Custom.
- C. Core: Veneer core, spruce faced plywood or particleboard.
- D. Laminate Cladding for Horizontal Surface: High pressure decorative laminate as follows:
 1. Colors, Patterns, and Finishes: Provide materials and products that result in colors and textures of exposed laminate surfaces complying with the following requirements:
 2. Refer to interior finish legend for material specification.
 3. Grade: GP-50 (0.050-inch nominal thickness).
- E. Edge Treatment: Same as laminate cladding on horizontal surfaces.

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Verify adequacy of backing and location of mechanical and electrical outlets.
- B. Provide supplementary support framing.

3.2 INSTALLATION

- A. Set and secure casework in place rigid, plumb, and level.
- B. Provide cutouts for plumbing fixtures, appliances, and other fixtures and fittings.
- C. Use fixture attachments at concealed locations for wall mounted components.
- D. Use concealed joint fasteners to align and secure adjoining cabinet units and countertops.
- E. Carefully scribe casework which is against other building materials, leaving gaps of 1/32 inch maximum. Use filler strips, not additional overlay trim for this purpose.
- F. Secure cabinet and counter bases to floor using appropriate anchorage.
- G. Adjust moving or operating parts to function smoothly and correctly.

END OF SECTION