

**SECTION 12 3532**  
**RESIDENTIAL WOOD CASEWORK**

**PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Wood kitchen cabinets with frameless construction.
- B. Wood vanity cabinets with frameless construction.

**1.02 REFERENCE STANDARDS**

- A. BHMA A156.9 - American National Standard for Cabinet Hardware; Builders Hardware Manufacturers Association; 2015 (ANSI/BHMA A156.9).
- B. ANSI/KCMA A161.1 - Performance and Construction Standard for Kitchen and Vanity Cabinets; Kitchen Cabinet Manufacturers Association; 2012 (ANSI/KCMA A161.1).
- C. KCMA (DIR) - Directory of Certified Cabinet Manufacturers; Kitchen Cabinet Manufacturers Association; current edition, online.

**1.03 SUBMITTALS**

- A. Product Data: Provide component dimensions and construction details.
- B. Shop Drawings: Indicate casework locations, large scale plans, elevations, clearances required, rough-in and anchor placement dimensions and tolerances.
- C. Samples: Submit two cabinet doors, not less than 12 x 12 inch in size, illustrating each color of finish to be used on the Project.

**1.04 QUALITY ASSURANCE**

- A. Products: Complying with ANSI/KCMA A161.1.
- B. Certifications: Cabinets shall have the following certifications:
  - 1. KCMA
  - 2. California Environmental Protection Agency; Air Resources Board; CARB Phase 1 and Phase 2.
- E. Manufacturer: Company specializing in manufacturing the type of products specified in this section, with minimum three years of documented experience.

**1.05 MOCK-UP**

- A. Provide full size mock-up of casework base unit.
- B. Locate where directed.
- C. Approved mock-up may remain as part of the Work.

**1.06 WARRANTY**

- A. Manufacturer's Warranty: Provide manufacturer's material and workmanship warranty.
  - 1. Warranty shall include the following:
    - a. Defects in cabinet construction.
    - b. Defects in drawer construction.
    - c. Failure of drawer guides
    - d. Failure of door hinges.
    - e. Warranty Duration: 5 years

**PART 2 PRODUCTS****2.01 MANUFACTURERS**

- A. Residential Wood Casework:
  - 1. Wolf "Transition Cabinets" [www.wolfhomeproducts.com](http://www.wolfhomeproducts.com)
  - 2. \_\_\_\_\_
  - 3. \_\_\_\_\_
  - 4. Substitutions: (Refer Section 01 6000 - Product Requirements) (No Substitutions)

**2.02 WOOD CABINET STANDARD CONSTRUCTION**

- A. Cabinet Construction:
  - 1. Cabinet shall be constructed of commercial grade furniture board with laminated, water resistant (not waterproof) surfaces, and plywood where appropriate.
  - 2. Cabinets shall be full assembled prior to shipping.
  - 3. The use of unassembled cabinet boxes with locking screw cams will not be acceptable.
  - 4. Cabinets shall be made in America using 60% or more American contents.
- B. Cabinet Side Panels:
  - 1. Material: Constructed of 5/8 inch furniture board.
  - 2. Interior Finish: Natural maple or white depending on door style chosen.
  - 3. Exterior Finish to match finish color of doors and drawers.
  - 4. Construction: Joined with engineered dowels and glue.
- C. Wall Cabinet Back:
  - 1. Material: Constructed of 1/4 inch furniture board
  - 2. Finish: Natural maple or white depending on door style chosen
  - 3. Construction: Panel shall be captured within dado joint into the end panels
    - a. Concealed plywood hanging rail for added structural integrity
    - b. Joined with glue and staples
- D. Base Cabinet Back:
  - 1. Material: Constructed of 1/8 inch furniture board
  - 2. Finish: Natural maple or white depending on door style chosen
  - 3. Construction: Panel shall be captured within dado joint into the top, bottom and end panels
    - a. Concealed plywood hanging rail for added structural integrity
    - b. Joined with glue and staples
- E. Wall Cabinet Tops and Bottoms:
  - 1. Material: Constructed of 3/4 inch furniture board.
  - 2. Finish: Natural maple or white depending on door style chosen.
  - 3. Construction: Joined with engineered dowels and glue.
- F. Base Cabinet Bottom:
  - 1. Material: Constructed of 5/8 inch furniture board.
  - 2. Finish: Natural maple or white depending on door style chosen.
  - 3. Construction: Joined with engineered dowels and glue.
- G. Hanging Rail Construction:
  - 1. Material:
    - a. Wall Cabinets: Constructed of 1/2 inch furniture board.
    - b. Base Cabinets: Constructed 1/2 inch hardwood plywood.
  - 2. Finish: Unfinished.
  - 3. Construction: Joined with engineered glue and staples.
- H. Shelves:
  - 1. Material: Constructed of 3/4 inch furniture board with edge banding on front edge.
  - 2. Finish: Natural maple or white depending on door style chosen.
  - 3. Held in place with an adjustable self-locking clip.
- I. Base Cabinet Toe Kick Panel: 1/2 inch thick hardwood plywood.
  - 1. Toe Kick Height: 4-1/4 inch high.
- J. Drawer Box Construction: **(Note to Writer: Standard Construction)**
  - 1. Drawer Box: Front sides and backs constructed of 5/8 inch solid wood with clear finish and dovetail jointing.
  - 2. Drawer Bottom: 1/4 inch plywood captured in dado on all four sides.
  - 3. Finish: Clear finish.

- K. Drawer Box Construction: **(Note to Writer: Optional Construction)**
1. Drawer Front: Constructed of 5/8 inch solid wood with natural maple or white depending on door style chosen.
  2. Drawer Sides: Steel sides with painted finish.
  3. Drawer Bottom Material: Constructed of 5/8 inch furniture board.
    - a. Finish: Natural maple or white depending on door style chosen.

### 2.03 DOOR AND DRAWER HARDWARE

- A. Hardware: BHMA A156.9, Types as recommended by the manufacturer for items listed.
- B. Door and Drawer Pulls: **(Note to Writer: Select pull style. Selection is not limited to these products.)**
1. Metal Bar Pull: Similar to Hafele 101.20.720 Rail Pull, with 5 inch centers and Satin Nickel finish or equal from Amerock.
  2. Loop Pulls: Similar to Amerock Mulholland Series in finish selected by Architect.
  3. Round Knob: Similar to Amerock Round Knob Allison Value Hardware in finish selected by Architect.
- C. Drawer Glides:
1. Typical Glide: Full extension, undermount glides with soft close, rated for 75 lbs.
  2. Glides requiring load ratings greater than 75 lbs shall be side-mount, full extension with a load rating of 100 lbs
- D. Door Hinges:
1. End panel mounted (Euro-style) unless cabinet requires alternative mounting methods (Example: Blind cabinets and diagonal cabinets)
  2. Six-way adjustable hidden metal hinges with soft close feature.

### 2.04 CABINET FINISH (NOTE TO WRITER: SELECT DOOR STYLE AND COLOR)

- A. Stained Maple Cabinets shall be:
1. Style: Haven, Oxford, Milton, Dover, Jefferson, Windsor, Grantley, Lancaster.
  2. Color: Dune, Haystack, Russet, Acorn, Mare, Mink, Cavern
- B. Stained Maple Cabinets with Black Glaze shall be:
1. Style: Dover, Jefferson, Windsor, Grantley, Lancaster.
  2. Color: Haystack with Glaze, Russet with Glaze, Acorn with Glaze, Mare with Glaze
- C. Painted Maple Cabinets shall be:
1. Style: Haven, Oxford, Milton, Dover, Jefferson, Windsor, Grantley.
  2. Color: Alpine, Silk, Pebble
- D. Painted Maple Cabinets with Pewter Glaze shall be:
1. Style: Dover, Jefferson, Windsor, Grantley.
  2. Color: Alpine with Glaze, Silk with Glaze, Pebble with Glaze.
- E. Stained Oak Cabinets shall be:
1. Style: Haven, Oxford
  2. Color: Barley, Sunset, Cattail
- F. Thermofoil Finish:
1. Style: Prospect, Frederick, Marietta
  2. Color: Whiteout, Coconut, Desert, Ember, Bark
- G. Thermofoil Finish:
1. Style: Middleton, Thurmont
  2. Color: Whiteout
- H. Decorative Accents:
1. Accent Door: Aluminum framed accent door with frosted glass shall be provided where shown on Drawings.
- I. Glass Insert Panels: Provide glass insert panels in cabinet doors where shown on Drawings.

1. Glass Pattern: Clear, Ribbed, Cross-Reeded, Frosted
2. Finish shall be applied to all exposed surfaces except toe kick panel.

**2.05 FABRICATION**

- A. Shop assemble casework for delivery to site in units easily handled and to permit passage through building openings.
- B. Fabricate corners and joints without gaps or inaccessible spaces or areas where dirt or moisture could accumulate.

**PART 3 EXECUTION****3.01 EXAMINATION**

- A. Verify adequacy of support framing.

**3.02 INSTALLATION**

- A. Install casework, components and accessories in accordance with manufacturer's instructions.
- B. Use anchoring devices to suit conditions and substrate materials encountered.
- C. Set casework items plumb and square, securely anchored to building structure.
- D. Carefully scribe casework abutting other components, with maximum gaps of 1/32 inch. Use filler strips; not additional overlay trim for this purpose.

**3.03 ADJUSTING**

- A. Adjust doors, drawers, hardware, fixtures, and other moving or operating parts to function smoothly.

**3.04 CLEANING**

- A. Clean casework, countertops, shelves, and hardware.

**3.05 PROTECTION**

- A. Do not permit finished casework to be exposed to continued construction activity.

**END OF SECTION**