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SECTION 12 33 00

MANUFACTURED RESIDENTIAL CASEWORK

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**PART 1 - GENERAL**

1.1 SUMMARY

- A. Section Includes: Provide residential type manufactured casework including accessories as required for complete finished installation.
- B. Related Sections:
  - 1. Section 04 44 00: Stone countertops.
  - 2. Section 06 20 00: Finish carpentry including trim and closet shelving.
  - 3. Section 06 40 00: Architectural woodwork; custom casework and countertops.
  - 4. Section 11 31 00: Residential appliances.

1.2 SUBMITTALS

- A. Product Data: Submit literature for manufactured items.
- B. Shop Drawings: Indicate materials and wood species, component profiles, fastening, joining details, finishes, and accessories.
- C. Samples: Furnish samples of each exposed finish and each type of exposed cabinet hardware.
- D. Certificates:
  - 1. Manufactured Cabinets: Submit Kitchen Cabinet Manufacturers Association (KCMA) certification indicating compliance with Contract Documents.

1.3 QUALITY ASSURANCE

- A. Sustainability Requirements: Comply with CALGreen requirements including those relative to finish material pollution control for adhesives, composite wood products formaldehyde limitations, and paints and coatings.
- B. Field Sample: Provide one full size field sample of base and wall cabinet and countertop, including drawer, doors and shelves.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver materials until site conditions are adequate to receive work; protect items from weather while in transit.
- B. Store materials indoors, in ventilated areas with constant but minimum temperature of 60 degrees F and maximum relative humidity of 25% to 55%.
- C. Do not begin installation of manufactured residential casework until space is fully enclosed and mechanical systems are fully operational.
  - 1. Maintain interior installation areas at 70 degrees F and 50% to 55% relative humidity.
- D. Immediately remove from site materials with visible mold and materials with mildew.

**PART 2 - PRODUCTS**

**2.1 MANUFACTURERS:**

- A. MillRock RiverRun Casework (540.438.5973).
- B. R.B. Woodcraft, Inc. (315.474.2429).
- C. J. Suss Industries Inc. (866.769.5666).
- D. Lanz Cabinets (800.788.6332).
- E. Studio Becker USA (415.626.9000).
- F. Manufacturers listed on Drawings.
- G. Substitutions: Refer to Section 01 25 00.

**2.2 MATERIALS**

- A. System Description: Provide residential type manufactured casework including accessories.
- B. Regulatory Requirements, Access for Persons with Disabilities: Cabinets at accessible units to comply with ADA Standards and California Building Code requirements for fully accessible units.
- C. Performance Criteria: Comply with Kitchen Cabinet Manufacturers Association (KCMA) requirements.
- D. Manufactured Casework: Comply with KCMA requirements; cabinets to be KCMA certified.
  - 1. Certification: Provide manufactured casework certified under Kitchen Cabinet Manufacturers Association (KCMA) Certification Program; comply with KCMA A161.1 standards and HUD Minimum Property Standards.
  - 2. Types: As indicated on Drawings.
  - 3. Casework Hardware: As approved by Architect.
  - 4. Colors and Finishes: As indicated, as selected by Architect from cabinet manufacturer's full range of colors and finishes where not otherwise indicated.
- E. Anchors, Nails and Screws: Select the material, type, size and finish required by each substrate for secure anchorage; provide toothed steel or lead expansion bolt screws for drilled-in-place anchors.
- F. Accessories: Provide as indicated and as required for complete installation as indicated.

**2.3 FABRICATION**

- A. Fabricate manufactured cabinets in accordance with specified quality standard.
- B. Use exposed fastening devices or nails only when approved and unavoidable; arrange neatly.

**PART 3 - EXECUTION**

**3.1 EXAMINATION**

- A. Field Measurements: Take field measurements prior to preparation of shop drawings and fabrication where possible; do not delay job progress, allow for trimming and fitting.
- B. Verify surfaces are ready to receive work and field measurements are as shown on shop drawings.
  - 1. Beginning installation signifies acceptance of conditions.
- C. Ensure mechanical and electrical items affecting work are properly placed, complete, and have been inspected by applicable authorities prior to commencement of installation.
- D. Inspect each piece of manufactured casework and discard damaged and defective pieces. Repairs will be acceptable only where repaired units are not detectable from undamaged units.

**3.2 INSTALLATION**

- A. Install work consistent with specified KCMA, plumb, level, true and straight with no distortions; shim as required, using concealed shims.
  - 1. Install manufactured cabinets in accordance with NKCA standards and cabinet manufacturer recommendations and installation instructions.
- B. Secure work to blocking with countersunk, concealed fasteners and blind nailing as required for a complete installation.
- C. Scribe and cut for accurate fit to other finished work.
- D. Accessories: Install accessories in accordance with manufacturer's recommendations in locations indicated or as directed by Architect.
- E. Acceptable Tolerances:
  - 1. Variation from True Position: Maximum 1/16" at any position and maximum 1/8" in any 10'-0" length.
  - 2. Adjoining Surfaces of Same Material: No variation permitted.
  - 3. Offset with Abutting Materials: Maximum 1/32".

**END OF SECTION**