

SECTION 12 30 00

MANUFACTURED CASEWORK

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Scope:
 - 1. Contractor shall furnish all labor, materials, equipment and incidentals required to provide and install manufactured casework and accessories Work as shown and specified.
 - 2. The extent of the casework for the Administration Building Break Room 113 and Residuals Handling Building Break Room 101 are shown on the Drawings.
 - 3. The extent and type of countertop for the Administration Building Women's Restroom 106, Men's Restroom 107, Break Room 113 and Reception 105 and Residuals Handling Building Break Room 101 are shown on the Drawings.
- B. Coordination:
 - 1. All finish Work shall be completed before the casework is installed.

1.2 QUALITY ASSURANCE

- A. Casework: All casework shall be supplied by the same manufacturer.
- B. Casework Standard: AWI (Architectural Woodwork Institute) Section 1600.
- C. Field Measurements: Verify sizes and shapes of countertops prior to fabrication by field measurements taken after base casework is installed.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's technical product data and installation instructions indicating materials, hardware, and finishes used in fabrication of casework, as required to show compliance with specifications.
- B. Shop Drawings: Submit shop drawings indicating location and size of each type of casework and countertop, accessories, materials, finishes, hardware types and locations, fillers, etc. Include fully dimensioned plans and elevations and indicate details of anchorage to countertop and to walls.
- C. Samples: Submit fully finished samples as requested by the Engineer.

1.4 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Delivery: Take all necessary precautions to prevent damage to casework during shipment and delivery. Securely fasten the casework to the truck to prevent movement or damage during shipment. The Engineer shall examine all casework before and during unloading.
- B. Handling: Carefully handle all casework to prevent damage. Casework that is chipped, gouged, dented or otherwise damaged will not be accepted.

PART 2 - PRODUCTS

2.1 GENERAL

- A. Casework: Provide casework consisting of wall unit, base unit, and sink base unit sizes as shown on the Drawings. Provide both sides of casework veneered. Provide all sides of shelves and drawers veneered.
- B. Wall Units: Provide wall units equipped with adjustable shelves and doors. Height as shown on the Drawings. Provide full panel on exposed side of the wall unit.
- C. Base Units: Provide base units equipped with adjustable shelves, doors and one 6-inch top drawer. Height of units to be 34-1/2-inches or 32-1/2-inches as shown on the drawings. Provide full panel on exposed side of the base unit.
- D. Sink Base Unit: Provide sink base unit equipped with doors. Height of units to be 34-1/2-inches or 32-1/2-inches as shown on the drawings.
- E. Product and Manufacturer: Provide one of the following:
 - 1. Casework by Breathe Easy, Inc.. Door and Drawer Panels – Vertical Grain - Color Natural by Teragren. Veneer – Vertical Grain – Color Natural by Teragren.
 - 2. Or equal.

2.2 CASEWORK CONSTRUCTION

- A. Construction Style:
 - 1. Flush Overlay Style: Provide base, wall and full height units (if any), with drawer fronts, doors and fixed panels (if any) overlaying and concealing frames and sides of casework bodies.

2.3 CASEWORK HARDWARE

- A. Hardware: Provide manufacturers standard hardware.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine the substrates and supporting structure and the conditions under which the casework Work is to be installed, and notify ENGINEER in writing of the conditions detrimental to the Work. Do not proceed with the installation until unsatisfactory conditions have been corrected in a manner acceptable to ENGINEER.

3.2 INSTALLATION

- A. Cut out counters and install sinks specified. Set in mastic or sealant for water tight installation.
- B. Install casework in accordance with manufacturer's instructions and final Shop Drawings.
- C. Use toggle bolts or adjustable casework anchors for fastening wall casework to walls.
- D. Use toggle bolts, expansion anchors, wood screws or other suitable fastener for securely fastening blocking to walls.
- E. Units shall be mounted plumb and in alignment, with countertops mounted dead level.
- F. Provide concealed shims, fasteners, bracing, blocking and other miscellaneous material required to complete installation.
- G. Installed work shall be securely fastened to walls or floor.
- H. Securely fasten tops to base units.
- I. Apply fillet of caulking to cover joint between back splashes and wall, and between countertops and walls.

3.3 ADJUSTING

- A. Check and adjust operating hardware on doors, drawers, and moving parts.
- B. Replace defective hardware.
- C. Repair damaged and defective room casework units and countertops wherever possible to eliminate functional or visual defects; where not possible to repair properly, replace defective work.

3.4 CLEANING

- A. At completion of installation, remove protective coverings, tags and clean surfaces.
- B. Use only those solvents or detergents for cleaning as approved by manufacturer of surface materials.

+ + END OF SECTION + +