

ARCHITECTURAL SPECIFICATIONS

SECTION 105116

Part 1 – GENERAL

1.1 SECTION INCLUDES

- A. Custom Wood Lockers and accessories.
- B. Custom Plastic Laminate Lockers and Accessories.

1.2 RELATED SECTIONS

- A. Section 06114 – Wood Blocking and Curbing: Wood grounds and attachment strips.
- B. Section 06200 – Finish Carpentry: Related trim not specified in this section.

1.3 REFERENCES

- A. Architectural Woodwork Institute: AWI – Quality Standards Illustrated.

1.4 SUBMITTALS

- A. Product Data: Available upon request, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
 - 4. Product data specific to materials used in construction of locker.
- B. Shop Drawings: Indicate locker plan layout for Classic contracted installations, component profiles and elevations, schedule of finishes, and accessories.

1.5 QUALITY ASSURANCE

- A. Perform work in accordance with AWI (Architectural Woodwork Institute) Architectural Woodwork Quality Standards Illustrated.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in a dry, ventilated area until ready for installation.
- B. Protect finishes from moisture, soiling and damage during handling.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Supplier:
 - CLASSIC WOODWORKING
 - 8160 SW JACKTOWN ROAD
 - BEAVERTON, OR 97007
 - PHONE (503) 692-0800, FAX (503) 692-7070
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 LOCKERS

- A. Locker Frame: Interior constructed of 5/8" high density, high impact, stain and abrasion resistant, saturated, thermo fused almond colored melamine, finished on both sides. Visible edges finished with a 1.5 millimeter edge PVC edge banding to closely match locker doors. Tops, bottoms, sides, backs and shelves are precision machined.
- B. Locker Door:
 - 1. Laminate: 5/8 inch high-industrial grade core with .030 inch vertical grade high pressure Class II-B fire retardant plastic laminate. Door

edges are radiused and banded with 1.5 mm PVC edge banding to closely match laminate.

- a. Select laminate color and finish (name and number) from Wilsonart, Nevamar or Formica. Custom laminates are available.
- 2. Wood Veneer: 3/4 inch A-1 plain sliced veneer on MDF core, available in the door styles, wood species and finishes listed below, with 1.5 mm edge banding.
- 3. Veneered Panel: 3/4 inch A-1 plain sliced veneer styles, rails and panels on MDF core with 1.5 mm edge banding. All stile and rail joints are doweled and glued. Standard or vertical grain direction available.
 - a. Door Style:
 - 1) Shaker: 3/4 inch A-1 plain sliced veneer stiles and rails with 3/16" flush veneer center panel on MDF core.
 - 2) Flat Panel: 3/4 inch A-1 plain sliced veneer stiles and rails with 3/16" flush veneer center panel with 1/4 inch round mould on MDF core.
 - 3) Raised Panel: 3/4 inch A-1 plain sliced veneer stiles and rails with 1/2 inch veneer center panel on MDF core.
 - 4) Louvered and Raised: 3/4 inch A-1 plain sliced veneer stiles and rails with 1/2 inch veneer center panel and 1/4 inch x 1 1/4 inch fixed louvers on MDF core.
 - 5) Louvered: 3/4 inch A-1 plain sliced veneer stiles and rails with 1/4 inch x 1 1/4 inch fixed louvers on MDF core.

- C. Primary Wood Species: Pine, Maple, Birch, Red Oak, Cherry, Mahogany, Hickory, Walnut, or Custom Species. (Not applicable to plastic laminate lockers)

D. Finish:

- 1) All clear wood surfaces are finished with 100% solid UV cure sealer, with less than 1% Volatile Organic Compounds (VOC) is applied and then finished with a water-borne UV clear anti-microbial water-borne topcoat (less than 1% VOC) is applied in the desired sheen (10, 30, or 50 degrees)
- 2) All Stain finishes, Amber, Hazelnut, Mocha, White-Wash, Paint-Grade, or Custom Finish are coated with solvent or water-borne stain that has low VOC is applied. Then 100% solid UV cure sealer with less than 1% VOC is applied. Finished with a water-borne UV clear, anti-microbial water-borne topcoat (less than 1% VOC) is applied in the desired sheen (10, 30, or 50 degrees).
- 3) All sealers and top coats are exclusively formulated for Classic and are provided by Sayerlack Wood Finishes of Italy. All sealers and topcoats are applied using state of the art CEFLA Finishing Equipment from Italy. 90% of the work is 100% water-borne

UV, low VOC, 100% anti-microbial, and 100% formaldehyde free product.

- E. Optional Accessories: Wood Framed Mirror, Lock Box (with keyed lock, Combination lock, Keyless security lock, Padlock hasp), Shoe Cubbies, Wood Door Tray with Towel Bar (also available without towel bar), Drawer with Knob or key lock, Crown Molding, Valance, Flat Top Panel, Blank Name Plate.
- F. Hardware: Number disk, Coat Rod, Coat Hook(s), Door knobs, Pulls and Hinges (3 nickel finished, concealed, heavy duty European full overlay steel hinges allowing 125 degree door opening on all doors 36" H to 72" H, 2 on doors less than 36"H and 4 on doors over 72" H). Standard hardware will vary depending on locker model.
- G. Lock Systems: Padlock hasp or heavy-duty five-pin tumbler key lock standard on all lockers. Furnished with two (2) master keys and two (2) user keys per lock. Keyless Security Lock, Built In Combination Lock, DigiLock ATSS & APSS, Ojmar Card Key Lock, High Security Stainless Steel Padlock Hasp also available. Available finishes will vary.
- H. Venting: 12 millimeter openings between door and top and bottom of locker and dividers on multiple opening frames provide continuous natural air flow.

2.3 FABRICATION

- A. Locker shall be fabricated using doweled and glued assembly process.
- B. Fabricate locker parts square, rigid and without warp, with the finished faces flat and free of scratches and chips.
- C. Machine attachment holes accurate and free of chips. Attach fasteners as standard with manufacturer.
- D. Fabricate corners and fillers as required for installation.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. If Classic Woodworking is not contracted for installation; client must unload lockers from the delivery truck.
- C. Place and secure on prepared base.
- D. Secure lockers with anchor devices to suit substrate materials. Minimum Pullout Force: 100 lb (455 N).
- E. Install end panels, filler panels, tops and bases as indicated on the approved shop drawings.
- F. Install accessories.
- G. Set and secure lockers in place; rigid, plumb, and level.
- H. Use concealed joint fasteners to align and secure adjoining cabinet units.
- I. Conceal screw heads with plastic caps to match locker interior.