

WOOD LOCKERS
SECTION 10 500

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Custom wood lockers and accessories.

1.2 REFERENCES

- A. Minimum standard for wood lockers shall conform to AWI (Architectural Woodwork Institute) Architectural Woodwork Quality Standards Illustrated.

1.3 QUALITY ASSURANCE

- A. All parts and hardware shall be AWI compliant, structurally sound and free from defects, in material and workmanship under normal use and service for the full warranty period.

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 All Wood Lockers contracted installations, component profiles and elevations, schedule of finishes, and accessories.

1.5 PRODUCT 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.

1.6 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
- B. During and after installation, maintain same temperature and humidity conditions in building spaces as will occur after occupancy.
- C. Protect locker finish and adjacent surfaces from damage.

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PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: All Wood Lockers ; 1050 W State St. Newcomerstown, OH 43832 ; 740-498-8363 ; info@allwoodlockers.com

2.2 MATERIALS

- A. Locker Frame: Tops, sides, and back shall be constructed of ¾" veneer hardwood plywood. Maple or Red Oak Plain Sliced. No particleboard, MDF, artificial wood laminate, PVC, or edge banding. The Hardwood Veneer Plywood is CARB Phase 2 Compliant.
1. Expansion / contraction within +/- 1/16" per locker.
- B. Locker Models:
1. Standard Wood Sports Locker
- a. Height: 84"
 - b. Width: 24"
 - Additional widths: 18", 20", 22", 26", 28", 30"
 - c. Depth: 24"
 - d. Lockable door compartment
 - e. Double prong stainless steel hooks
 - f. Full width hanger rod
 - g. Lift-up seat with ventilated lower storage compartment
 - h. 4" high matching enclosed base.
- C. Visible Edges: Sealed with ¾" thick solid wood molding to closely match locker cabinet. Face trim for shelves and seat front to be 2" x ¾" thick solid wood.
- D. Locker Doors:
1. Solid Wood:
- a. ¾" thick solid wood doors with beveled edge
- E. Veneer finish:
- 1. Clear wood surfaces are sealed with 100% solid UV cure sealer (Low VOC).
 - 2. Wood stains use solvent or water-borne stain. 100% solid UV cure sealer is applied over stain.
 - 3. Water based anti-microbial topcoat applied over cure sealer on wood moldings (Low VOC).
- F. Standard hardware:
- 1. Number plate, 1-3/4"w x 1"h black tag with 3/4" high contrast digits.
 - 2. Coat Hook(s), 2-prong stainless steel hooks, 6 per locker.

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3. Hinges for the doors and lift-up seats are stainless steel continuous.
4. Hanger Rod, 1-5/16" diameter, matte nickel finish.

G. Door Locks:

1. Standard lock: MasterLock 1655 Combination Lock.
2. Five different pre-set combination codes, can be reset.
3. Black dial lock with polished chrome housing.
4. To be equipped with master list of codes and one master key per room.
5. Different lock options available upon request.

- H. Venting: Vertical ventilation slots routed into the seat compartment provide continuous natural air flow.

2.3 FABRICATION

- A. Locker shall be fabricated using doweled and glued & nailed assembly process.
- B. Fabricate lockers square, rigid and without warp, with the finished faces flat and free of scratches and chips.
- C. Machine all parts and attachment holes accurately and without chips.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until adjacent substrates and finishes have been properly prepared.
- B. If preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Verify adequacy of backing and support framing.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. If All Wood Lockers is not contracted for installation, client must unload lockers from the delivery truck.

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- C. Set and secure lockers in place; rigid, plumb, and level.
- D. Use concealed joint fasteners to align and secure adjoining cabinet units.
- E. Secure lockers with anchor devices to suit substrate materials.
- F. Install end panels, filler panels, tops and bases as indicated on the approved shop drawings.
- G. Install accessories.

3.4 ADJUSTING

- A. Adjust moving or operating parts to function smoothly and correctly.

3.5 CLEANING

- A. Use a damp cloth or sponge and a mild soap, detergent, or diluted household cleaner. Avoid abrasive cleaners, bleach, and excessive scrubbing. For grease stains, use an ammoniated or vinegar-based glass cleaner. For tougher stains, try a paste of baking soda and water with a soft brush. Rinse thoroughly and dry with a soft, clean cloth. Don't flood the veneer, especially near seams, as water can cause swelling.

3.6 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION 10 500