

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. Open Wood Sports Locker
- a. Height: 77"
 - b. Width: 24"
 - Additional widths: 18", 20", 22", 26", 28", 30"
 - c. Depth: 20"
 - d. Lockable door compartment
 - e. Double prong stainless steel hooks
 - f. Lift-up seat with ventilated lower storage compartment
 - g. 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, 4 per locker.
 - 3. Hinges for the doors and lift-up seats are stainless steel continuous.

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- 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.
- C. Set and secure lockers in place; rigid, plumb, and level.

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- 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