Section 10 51 16

Lockers MFG Prestigious Wood Locker

### PART 1 GENERAL

##### SCOPE OF WORK

1. Description:
	1. Lockers shall be “Prestigious Wood Lockers” complete, as shown and specified per contract documents. Fabricate lockers square, rigid and without warp.

##### RELATED WORK SPECIFIED ELSEWHERE

1. Concrete: Section 03 10 00
2. Rough Carpentry: Section 06 10 00
3. Finish Carpentry: Section 06 20 00

##### WARRANTY

1. Lockers are warranted for a lifetime against defective parts and workmanship, excluding vandalism and improper installation and use.

##### ADA LOCKERS

1. Lockers are to meet the Americans with Disabilities Act, accessibility guidelines. They shall have recessed handles and shall be single-tier or lower openings of a double-tier locker. The locker bottom shall be a minimum of 15" off the floor, or an extra shelf placed 15" off the floor. Single-tier lockers shall have a shelf 48" off the floor. Doors assigned for handicapped use shall have an appropriate symbol sign.

##### SUBMITTALS

1. GENERAL: Refer to Section 01 30 00 ADMINISTRATIVE REQUIREMENTS – SUBMITTALS
2. SHOP DRAWINGS: Submit drawings showing locker types, sizes, quantities, including all necessary details relating to anchoring, trim installation, and relationship to adjacent surfaces.
3. NUMBERING: Locker numbering sequence will be provided by the approving authority and noted on approved shop drawings returned to the locker contractor.
4. COLOR CHARTS: Provide color charts showing manufacturer's available colors.

##### REFERENCES

1. Minimum standard for wood lockers shall conform to AWI (Architectural Woodwork Institute) Architectural Woodwork Quality Standard Illustrated.

##### QUALITY ASSURANCE

1. MANUFACTURING STANDARD: Provide wood lockers that are standard products of a single manufacturer, with interchangeable like parts. Include necessary mounting accessories, fastenings, and fittings.
2. FABRICATOR QUALIFICATIONS: Firm experience (minimum 5 years) in successfully producing the type of wood lockers indicated for this project, with sufficient production capacity to produce required units without causing delay in the work.
3. INSTALLER QUALIFICATIONS: Engage an experienced (minimum 5 years) installer who has successfully completed the installation of wood lockers and the extent to that is indicated for this project.
4. Product meets ISO9001-2015, Greenguard Gold, and SCS Global certifications.
5. Must adhere to environmentally friendly guidelines and regulations.
6. Must follow ADA compliance.

##### PRODUCT HANDLING

1. GENERAL: All work shall be fabricated in ample time to not delay the construction process.
2. DELIVERY: All materials shall be delivered to the site at such a time as required for proper coordination of the work. Materials are to be received in the manufacturer's original, unopened packages and shall bear the manufacturer's label.
3. STORAGE: Store materials in a dry well-ventilated place adequately protected from the elements.

### PART 2 PRODUCTS

##### MANUFACTURERS

1. AVAILABLE MANUFACTURERS: Subject to compliance with the design, material, method of fabrication and installation as required in this specification section or modified as shown on drawings. Manufacturers offering products which may be incorporated in the work include the following: Prestigious Wood Lockers Series by Lockers Manufacturing, LLC. Made in America (Basis of Design)

##### LOCKER TYPES

1. General: Lockers shall be “Prestigious Wood Lockers Series” as manufactured by Lockers Manufacturing, LLC or approved equal.
2. Type: Custom tier opening (1-6 tier), open fronts to be determined by job.
3. Size: Custom, to be determined by job.
4. Prestigious Wood Lockers Series:
5. Locker Body: Shall be furniture grade ¾” Plain Slice Red Oak Plywood Hardwood or Veneer throughout finished with a catalyzed, clear, two-coat cabinet lacquer.
6. Sides: Shall be furniture grade ¾” Plain Slice Red Oak Plywood Hardwood or Veneer throughout finished with a catalyzed, clear, two-coat cabinet lacquer.
7. Tops, Bottoms: Shall be furniture grade ¾” Plain Slice Red Oak Plywood Hardwood or Veneer throughout finished with a catalyzed, clear, two-coat cabinet lacquer.
8. Backs: Shall be furniture grade ¾” Plain Slice Red Oak Plywood Hardwood or Veneer throughout finished with a catalyzed, clear, two-coat cabinet lacquer.

##### FABRICATION

1. MATERIALS:
2. Shall be furniture grade ¾” Plain Slice Red Oak Plywood Hardwood or Veneer throughout finished with a catalyzed, clear, two-coat cabinet lacquer.
3. Fasteners: Cadmium, zinc, nickel-plated steel; bolt heads, slot less type; self-locking nuts or lock washers.
4. Hardware: Hooks of stainless steel and stainless-steel coat rod.
5. Number Plates: To be polished aluminum with not less than 3/8" high etched numbers.
6. CONSTRUCTION: Lockers shall be " Prestigious Wood Lockers Series " as manufactured by Lockers Manufacturing or approved equal. Fabricate lockers square, rigid and without warp.
7. HAT SHELVES, INTERMEDIATE SHELVES AND BOTTOMS: Shall be furniture grade ¾” Plain Slice Red Oak Plywood Hardwood or Veneer throughout finished with a catalyzed, clear, two-coat cabinet lacquer.
8. BACKS: Shall be furniture grade ¾” Plain Slice Red Oak Plywood Hardwood or Veneer throughout finished with a catalyzed, clear, two-coat cabinet lacquer.
9. LOCKER TRIM: Face trim, Shelf valances, personal effects locker doors, seating hinge support blocking and seat support cleats to be fabricated from Red Oak Lumber. PVC edging will not be allowed.
10. HINGES: Upper security box with self-closing hinges and footlocker Continuous piano type hinge.
11. VERTICAL SEAMS: Hardwood Oak Trim edges with wood edge banding.

##### LOCKER ACCESSORIES

1. Locks: 3 lock options available, combination lock, padlock hasp, or digital keypad. Combination locks to be keyed alike, but each locker is to have its own set of combinations that are different from each other, and two Master keys are to be supplied.
2. Equipment: Furnish each locker with the following items, unless otherwise shown.
3. Standard Hardware: Three stainless steel coat hooks.
4. Stainless steel coat rod.
5. Finishing: Clean surfaces. Touch up marred finishes or replace damaged components that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by the manufacturer.

### PART 3 EXECUTION

##### EXAMINATION

1. Examine site conditions before locker installation. Notify architect of unacceptable areas.
2. Do not install lockers until unacceptable conditions have been corrected.

##### INSTALLATION

1. GENERAL: Installation shall be in strict conformance with referenced standards, the manufacturer's written directions, as shown on the drawings and as herein specified.
2. CONDITIONS: Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside the manufacture’s absolute limits.
3. PLACEMENT: Install components plumb, level, and true; using integral levelers and anchors in accordance with manufacturer's recommendations, shop drawings and other approved submittals.
4. ANCHORAGE: Fasten components to adjacent construction through back, near top and bottom. Fasten at indicated height using fasteners recommended by manufacturer. Comply with mounting height requirements for accessible components.
5. TRIM: Sloping tops, wood fillers and end panels shall be installed using concealed fasteners. Provide flush, hairline joints against adjacent surfaces.

##### ADJUSTMENT

1. GENERAL: Upon completion of installation, inspect lockers and adjust and align hardware so moving parts operate freely and contact points meet accurately. Allow for final adjustment after installation to ensure hardware operates smoothly without warping or binding and closes with uniform reveals.

END OF SECTION 10 51 16