

## SECTION 105000 – Custom Wood Athletic Lockers

### PART 1 - GENERAL

#### 1.1 SECTION INCLUDES

- A. Drawings and general provisions of the Contract, including General and supplementary conditions and Division 1 Specification Sections, apply to this Section

#### 1.2 SUMMARY

- A. Section includes American Modern Cabinetry Wood Lockers

#### 1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated, include construction details, material descriptions, dimensions of individual components and profiles, and finishes for wood lockers.
- B. Shop Drawings: For wood lockers. Include plans, elevations, sections, details, and attachments to other work.
  - 1. Show locations of furring and blocking
  - 2. Show locations and sizes of cutouts and holes for items installed in wood lockers
  - 3. Show wood locker fillers, trim, base and accessories
  - 4. Show wood locker numbering sequence
- C. Samples for selection: For the following:
  - 1. Factory-applied transparent finishes
  - 2. Thermoset decorative overlay panels

#### 1.4 INFORMATIONAL SUBMITTALS

- A. Warranty: Sample of warranty

#### 1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For adjusting, repairing and replacing wood locker doors, hardware and locking mechanisms to include in maintenance manuals.

## 1.6 QUALITY ASSURANCE

- A. Architectural Woodwork Institute: AWI - Quality Standards.
- B. Installer Qualifications: Manufacturers authorized representative who is trained and approved for installation of lockers required for this project.

## 1.7 DELIVERY, STORAGE AND HANDLING

- A. Do not deliver wood lockers until painting and similar operations that could damage lockers have been completed in installation areas. If wood lockers must be stored in other-than-installation areas, store only in areas where environmental conditions are same as that in the final installation location and comply with requirements specified in Project Conditions Article.

## 1.8 PROJECT CONDITIONS

- A. Environmental limitations: Do not deliver lockers or install wood lockers until spaces are enclosed and weather tight, wet work in spaces is complete and dry, and temporary HVAC system is operating and maintaining ambient temperature between 60 and 90 degrees.
- B. Field Measurements: Verify actual dimensions of concealed framing, blocking, and reinforcements that support wood lockers by field measurements before fabrication

## 1.9 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of wood lockers that fail in materials or workmanship within warranty period.
  - 1. Failures include, but are not limited to the following:
    - a. Structural failures
    - b. Faulty operation of locks or hardware
    - c. Deterioration of wood, finish and other material beyond normal use.
  - 2. Warranty Period: Five (5) years from date of substantial completion. One (1) year for locking mechanisms.

## PART 2 – PRODUCTS

### 2.1 MANUFACTURERS

A. Acceptable manufacturer:

American Modern Cabinetry  
107 Lakeview Rd  
Broadalbin N.Y. 12025  
518-705-5885  
sales@amclockers.com  
[www.americanmoderncabinetryllc.com](http://www.americanmoderncabinetryllc.com)

B. Substitutions: Not permitted.

C. Requests for substitutions will be considered in accordance with General Provisions

### 2.2 MATERIALS

- A. Locker Body Construction: Sides, tops, bottoms and shelves to be 3/4" A-1 sliced Veneer on plywood core. Wood Species: (PICK ONE) Maple, Cherry, Red Oak, White Oak, Mahogany, Walnut, Custom species or stained.
- B. Locker Edges: All exposed edges of lockers including shelves are to be finished with matching edging.
- C. Finish: All lockers are to be finished with a 3-coat UV-cured catalyzed finish, for moisture resistance.
- D. Anti-Microbial Top Coat

### 2.3 TYPICAL HARDWARE

- A. General: Provide manufacturers standard wood locker hardware as required, complying with the requirements in this section.
- B. Hinges (European Type): Fully concealed, self closing, nickel-plated steel, with not less than 125 degrees of opening.
- C. Hooks: Manufacturer's standard, ball pointed aluminum or steel; finished to match other wood locker hardware. Provide hooks as indicated on drawings.
- D. Name Plate Holder: 2"x12" – Chrome Finish – Custom sizes available
- E. Exposed hardware finishes: Stainless Steel unless otherwise indicated.

2.4 ADDITIONAL ACCESSORIES - (Check with AMC for full list of custom options)

- A. Locks: Fabricate wood lockers to receive locking devices. Provide one locking device for each wood locker door, unless otherwise indicated.
  - 1. Combination Lock. Built in combination lock with master key override.
  - 2. Digital lock. Digilock® or Zephyr®. Shared or assigned use.
  - 3. Padlock Hasp: Surface mounted steel
  - 4. Key Lock: Heavy duty 5-pin tumbler key lock.
- B. Bottom Seat Storage: Typical configurations are
  - 1. Lift up seat bottom with stainless steel continuous piano hinge. Includes either vent slots or Stainless steel vent grille
  - 2. Pull out drawer. Includes either vent slots or Stainless steel vent grille
- C. Seat Top: Typical configurations are
  - 1. Wood Veneer – UV cured finish
  - 2. Vinyl seat cushion – Marine Grade Vinyl – with optional team logo
- D. Stainless Steel Vent Grille: 16 Gauge, .188, .3125 STG
- E. Clothes rod – Chrome Finish, 1.25” Diameter.
- F. LED Lighting: Provided and integrated by AMC. Actual wiring done by a Insured licensed electrician on site. Colors available
- G. Logos: Custom Team logos. Vector artwork supplied by institution.
  - 1. Laser Engraved logo
  - 2. Full color applied logo
- H. USB Power and Electrical Outlets: Provided and integrated by AMC. Actual wiring done by a Insured licensed electrician on site.
- I. Power Fans: Provided and integrated by AMC. Actual wiring done by a Insured licensed electrician on site
- J. Crown Molding: Matching crown molding same wood species and finish as locker.
- K. Wood Base: to be vinyl base or wood base.

2.5 FABRICATION

- A. Fabricate wood lockers to dimensions, profiles and details indicated
- B. Fabricate wood lockers square, rigid, without warp and free from chips and defects.
- C. Manufacturers standard construction: Lamello Cabineo 12 construction

## PART 3 – EXECUTION

### 3.1 EXAMINATION

- A. Examine walls, floors and support bases for compliance with requirements for installation tolerances and other conditions affecting wood locker installation.
- B. Verify that bases and furring are in position and ready to receive lockers.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

- A. Condition wood lockers to average prevailing humidity conditions before installation

### 3.3 INSTALLATION

- A. Install wood lockers level, plumb and true; use concealed shims
- B. Connect groups of lockers together with manufacturer's standard fasteners, through predrilled holes, with no exposed fasteners on face frames. Fit wood lockers accurately together to form flush, tight, hairline joints.
- C. Install wood lockers without distortion so doors and drawers fit openings properly and are accurately aligned.
- D. Scribe and cut corner and filler panels to fit adjoining work using fasteners concealed where practical

### 3.4 ADJUSTING, CLEANING, AND PROTECTING

- A. Clean, lubricate and adjust hardware, Adjust doors to operate easily without binding.

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- B. Protect wood lockers from damage, abuse, dust, dirt, stain or paint. Do not permit use during construction
- C. Clean locker interiors and exteriors

END OF SECTION 105000

AMC reserves the right to change, modify or alter the design or specifications without prior notice.