



PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Metal Lockers

1.2 RELATED SECTIONS

- A. Section 061100 - Wood Framing: Concealed wood framing and blocking for compartment support.

1.3 REFERENCES

- A. ASTM International:

1. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
2. ASTM A240/A240M - Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications 2022b.
3. ASTM A879/A879M - Standard Specification for Steel Sheet, Zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface 2022
4. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable 2021a.

- B. ADA Standards - 2010 ADA Standards for Accessible Design 2010.

- C. ICC A117.1 - Accessible and Usable Buildings and Facilities 2017.

1.4 SUBMITTALS

- A. Submit under provisions of Section 013000.

- B. Product Data: Provide manufacturer's data sheets on each product to be used, including:

1. Literature indicating typical locker construction, lock and trim options.
2. Preparation instructions and recommendations.
3. Storage and handling requirements and recommendations.
4. Installation methods.

C. Shop Drawings:

1. Dimensioned plans indicating layout of lockers.
2. Dimensioned elevations
3. Details indicating anchoring components and methods for project conditions; indicate components required for installation, but not supplied by locker manufacturer.

D. Selection Samples: For each finish product specified, one complete set of color selection guides representing manufacturer's full range of available colors, textures and patterns.

E. Verification Samples: For each finish product specified, two samples representing actual product, color, texture and pattern.

F. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards.

B. Store products indoors in manufacturer's or fabricator's original containers and packaging, with labels clearly identifying product name and manufacturer. Protect from damage.

C. Lay cartons flat, with adequate support to ensure flatness and to prevent damage to pre- finished surfaces.

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 the manufacturer's absolute limits.

B. Do not deliver materials or begin installation until the building is enclosed, with complete protection from outside weather.

1.7 WARRANTY

A. Manufacturers Standard Warranty: Provide warranty for Powder Coated Steel Material against chipping, flaking, cracking, or discoloration for 2 years, assuming proper maintenance according to manufacturer's recommendations.

1.8 COORDINATION

A. Coordinate Work with placement of support framing and anchors in walls and ceilings.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. The lockers shall be powder-coated steel, Traditional Collection, as manufactured by ASI Storage Solutions, Eastanollee, GA 30538.

1. All major steel parts shall be of mild cold rolled commercial quality steel.

2.2 FINISH

- A. All material shall be power washed, and phosphate treated for maximum finish color adhesion. All components shall be finished with a 2 mm hybrid epoxy/polyester powder, electrostatically applied to ensure uniform thickness, and baked to cure.

2.3 CONSTRUCTION

- A. All lockers shall be built on a unit principle with common intermediate uprights separating units.

2.4 DOOR FRAMES

- A. Shall be 16 gauge formed in a channel shape. Vertical members shall have additional flange to provide a continuous door strike. Cross frame members shall also be 16-gauge channel shaped, including intermediate cross frames on double and triple tier lockers.

2.5 DOORS

- A. Shall be 16 gauge, with louvers for ventilation channel shaped on both the lock and hinge side, with angle formations across the top and bottom.

2.6 BODY

- A. Bottoms shall be 16 gauge. Tops, sides, backs and shelves shall be 24 gauge. Bolt spacing shall not exceed 9" o.c.

2.7 HINGES

- A. Shall be full length 16-gauge continuous piano type riveted to both door and frame.

2.8 HANDLES

- A. Shall be one-piece 20 gauge deep drawn stainless steel cup designed to accommodate locks.

2.9 LATCHING

- A. On single, double, triple, and two person lockers the lifting trigger shall be 14-gauge steel, attached to the latching channel. The trigger shall have a padlock eye for use with a 9/32" diameter padlock shackle. Doors to have latch clip engaging frame at three points on doors over 42" high and two points on all other doors. Locking device to be positive automatic type, whereby locker door may be locked when open, then closed without unlocking. A rubber silencer shall be firmly secured to the frame at each latch hook.
- B. Four, five and six tier lockers shall have an 11-gauge frame hook secured to the frame. The frame hook shall have a padlock hasp protruding through the recessed handle.

2.10 INTERIOR EQUIPMENT

- A. Single tier lockers 48" or higher shall have a shelf. If under 18" deep, locker shall have three wall hooks and one ceiling hook. Single tier lockers 18" deep or more shall have a coat rod instead of a ceiling hook. Double tier lockers shall have three wall hooks and one ceiling hook. Triple tier lockers shall have three wall hooks for 12" and 4 wall hooks for 15" and wider lockers.

2.11 NUMBER PLATES

- A. Each locker shall have a polished aluminum number plate riveted to door face with black numerals 1/2" high.

2.12 COLOR

- A. Doors and exposed body parts shall be selected from ASI's standard designer color range. Non-exposed body parts shall be finished in #03 Almond.

2.13 ASSEMBLY

- A. All locker components shall be assembled with rivets.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Lockers shall be installed in accordance with ASI's installation instructions and shall be level and plumb with flush surfaces and rigid attachment to anchoring surfaces.

END OF SECTION