

SECTION 10 51 00

LOCKERS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Metal lockers.
- B. Locker benches.

1.02 REFERENCE STANDARDS

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.

1.03 SUBMITTALS

- A. Product Data: Manufacturer's published data on locker construction, sizes and accessories.
- B. Shop Drawings: Indicate locker plan layout, numbering plan and combination lock code.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Protect locker finish and adjacent surfaces from damage.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Metal Lockers:
 - 1. Art Metal Products: www.artmetalproducts.com/#sle.
 - 2. Lyon Workspace Products: www.lyonworkspace.com/#sle.
 - 3. Penco Products, Inc: www.pencoproducts.com/#sle.
 - 4. Republic Storage Systems Co: www.republicstorage.com/#sle.
 - 5. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 LOCKER APPLICATIONS

- A. Student Lockers: Six tier metal lockers, wall mounted with matching closed base.
 - 1. Width: 18 inches (450 mm).
 - 2. Depth: 18 inches (450 mm).
 - 3. Height: 72 inches (1,830 mm).
 - 4. Locking: Padlock hasps, for padlocks provided by Owner.
 - 5. Provide sloped top.
- B. Locker Benches:
 - 1. Free-Standing Locker Room Bench: Maple top bench with aluminum trapezoid legs. Bench length shall be as indicated on the Drawings.

2.03 METAL LOCKERS

- A. Lockers: Factory assembled, made of formed sheet steel, ASTM A653/A653M SS Grade 33/230, with G60/Z180 coating, stretcher leveled; metal edges finished smooth without burrs; baked enamel finished inside and out.
 - 1. Where ends or sides are exposed, provide flush panel closures.
 - 2. Provide filler strips where indicated, securely attached to lockers.
 - 3. Color: To be selected by Architect.
- B. Locker Body: Formed and flanged; with steel stiffener ribs; electric spot welded.
 - 1. Body: 24 gage, 0.0239 inch (0.61 mm).
 - 2. Base: 20 gage, 0.036 inch (0.9 mm).
 - 3. Metal Base Height: 4 inch (100 mm) unless otherwise indicated.

- C. Frames: Formed channel shape, welded and ground flush, welded to body, resilient gaskets and latching for quiet operation.
 - 1. Door Frame: 16 gage, 0.0598 inch (1.52 mm), minimum.
- D. Doors: Hollow channel edge construction, 1-3/16 inch (30 mm) thick; welded construction, channel reinforced top and bottom with intermediate stiffener ribs, grind and finish edges smooth.
 - 1. Door Outer Face: 18 gage, 0.0478 inch (1.21 mm), minimum.
 - 2. Form recess for operating handle and locking device.
 - 3. Provide louvers in door face, top and bottom, for ventilation.
- E. Hinges: Two for doors under 42 inches (1 050 mm) high; weld securely to locker body and door.
 - 1. Hinge Thickness: 14 gage, 0.0747 inch (1.90 mm).
- F. Sloped Top: 20 gage, 0.0359 inch (0.91 mm), with closed ends.
- G. Trim: 20 gage, 0.0359 inch (0.91 mm).
- H. Number Plates: Provide oval shaped brass plates. Form numbers 1 inch (25 mm) high of block font style with ADA designation, in contrasting color.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install lockers plumb and square.
- C. Place and secure on prepared base.
- D. Secure lockers with anchor devices to suit substrate materials. Minimum Pullout Force: 100 lb. (445 N).
- E. Bolt adjoining locker units together to provide rigid installation.
- F. Install end panels, filler panels, and sloped tops.
- G. Replace components that do not operate smoothly.

3.02 CLEANING

- A. Clean locker interiors and exterior surfaces.

END OF SECTION