



## SECTION 10 51 13 - METAL ATHLETIC LOCKERS

### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. DESCRIPTION: Furnish and install factory-assembled "Galvanite Series MaxView All-Welded Lockers", complete, as shown and specified per contract documents.

#### 1.2 RELATED WORK SPECIFIED ELSEWHERE:

- A. Concrete: Section 03 10 00
- B. Rough Carpentry: Section 06 10 00
- C. Finish Carpentry: Section 06 20 00

#### 1.3 SUBMITTALS

- A. GENERAL: Refer to Section 01 30 00 ADMINISTRATIVE REQUIREMENTS - SUBMITTALS
- B. SHOP DRAWINGS: Submit drawings showing locker types, sizes, quantities, including all necessary details relating to anchoring, trim installation and relationship to adjacent surfaces.
- C. COLOR CHARTS: Provide color charts showing manufacturer's available colors (minimum 24). Provide metal samples if requested.
- D. NUMBERING: Locker numbering sequence will be provided by the approving authority and noted on approved shop drawings returned to the locker contractor.

#### 1.4 QUALITY ASSURANCE

- A. MANUFACTURING STANDARD: Provide metal lockers that are standard products of a single manufacturer, with interchangeable like parts. Include necessary mounting accessories, fittings, and fastenings.
- B. FABRICATOR QUALIFICATIONS: Firm experience (minimum 5 years) in successfully producing the type of metal lockers indicated for this project, with sufficient production capacity to produce required units without causing delay in the work.
- C. INSTALLER QUALIFICATIONS: Engage an experienced (minimum 2 years) installer who has successfully completed installation of the type of metal lockers and extent to that indicated for this project.

#### 1.5 PRODUCT HANDLING

- A. GENERAL: All work shall be fabricated in ample time so as to not delay construction process.
- B. 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.
- C. STORAGE: Store all materials in a dry and well ventilated place adequately protected from the elements.

## 1.6 GUARANTEE

- A. LIFETIME WARRANTY Superior Galvanite Series MaxView All-Welded Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section for the lifetime of your facility.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. 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: List Industries Inc. (Basis of Design)

### 2.2 LOCKER TYPES

- A. GENERAL: Lockers shall be "Galvanite Series MaxView All-Welded Lockers" as manufactured by List industries Inc. or approved equal.

1. Type: \_\_\_\_\_ Tier
2. Size: \_\_\_\_\_" wide x \_\_\_\_\_" deep x \_\_\_\_\_" high

- B. MARQUIS CHAMPION LOCKERS:

1. Doors: 14 gauge galvanized sheet steel perforated with 5/8" x 1-1/2" diamonds with recessed handle, and single-point latching
2. Sides: Fully-framed 13 gauge 1/2" flattened expanded metal (diamond perforated or 3/4" expanded metal will NOT be accepted).
3. Tops, Bottoms, Shelves: 16 gauge solid galvanized sheet steel
4. Backs: 13 gauge 1/2" flattened expanded metal

### 2.3 FABRICATION

- A. MATERIALS:

1. Steel Sheet: All sheet steel and expanded metal used in fabrication shall be prime grade free from scale and imperfections and capable of taking a heavy coat of custom blend powder coat.
2. Fasteners: Cadmium, zinc or nickel plated steel; bolt heads, slotless type; self locking nuts or lock washers.
3. Hardware: Hooks and hang rods of cadmium plated or zinc plated steel or cast aluminum.
4. Handle: Seamless drawn 304 stainless steel recessed handle.
5. Number Plates: To be aluminum with not less than 3/8" high etched numbers attached to door with two aluminum rivets.

- B. CONSTRUCTION: Lockers Cabinets shall be "Galvanite Series MaxView All-Welded Lockers" as manufactured by Superior® or approved equal. All lockers shall be factory-assembled, of all MIG welded construction using prime galvanized corrosion resistant sheet steel. Assembly of Cabinet bodies by means of bolts, screws, or rivets will not be permitted. Grind exposed welds and metal edges flush and make safe to touch.

1. FRAME / VERTICAL SIDE PANELS: Shall be of 13 gauge 1/2" flattened expanded metal framed by 16 gauge galvanized tubular sections and galvanized double channel frame members

designed to enclose all four edges of the side panel with the entire assembly MIG welded to form a rigid frame for each cabinet side. The channel frame members are welded to the front and rear vertical frame members to create a rigid cabinet side. Note: Diamond perforated sheet steel or 3/4" expanded metal will NOT be accepted.

2. INTEGRAL FRAME LOCKER BASE: 14 gauge galvanized sheet steel formed structural channels are MIG welded to the front and rear vertical side panel frame members to allow placement of cabinet bottom a minimum 2-3/4" above floor level.
3. FLAT TOPS: Shall be formed of one piece of 16 gauge galvanized sheet steel and shall be an integral part MIG welded to each vertical side panel frame member and be continuous to cover the full width of a multiple framed locker unit.
4. SHELVES AND BOTTOMS: Shall be 16 gauge galvanized sheet steel, have double bends at front and shall engage slots in the vertical frame members at all four corners and be securely welded to the frame and side. Cabinet bottom is designed to sit a full 2-3/4" above the finished floor. Interior shelves shall be 16 gauge galvanized sheet steel, have single bends at sides and back and a double bend at front. Four interior shelves are included and are fixed.
5. BACKS: Shall be 13 gauge 1/2" flattened expanded metal welded to each vertical side panel frame member as well as to the top and bottom.
6. DOORS: Doors are to be fabricated from single sheet prime 14 gauge galvanized sheet steel with single bends at top and bottom and double bends at the sides. Doors shall include a 3" wide 18 gauge galvanized sheet steel full height channel door stiffener MIG welded to the hinge side of the door as well as to the top and bottom door return bends and spot welded to the inside of door face and to form a rigid torque-free box reinforcement for the door. Doors to be perforated with 5/8" x 1-1/2" diamonds
7. LATCHING/HANDLE: Doors shall include a combination friction catch door pull. Padlock Strike Plates are optional. Doors shall be fabricated to accept a built-in combination lock or padlock.
8. DOOR HINGES: Hinges shall not be less than 3-1/2" long 13 gauge seven knuckle pin type, securely riveted to frame and welded to the door. Doors are to be secured to frame with a minimum of two tamper resistant rivets per hinge, 3 hinges for doors. All doors shall be right hand side hinged.

#### 2.4 LOCKER ACCESSORIES:

##### A. LOCKS (If required):

1. Combination Padlocks: Combination padlock, key controlled.

##### B. EQUIPMENT: Furnish each locker with the following items, unless otherwise shown.

1. Finished End Panels (If required): Shall be "Boxed" type formed from 16 gauge cold rolled steel with 1" O.D. double bends on sides and a single bend at top and bottom with no exposed holes or bolts. If lockers have slope tops, end panels must be formed with slope at top to cover the ends of the slope tops. Finished to match lockers. Provide at all exposed ends.
2. Continuous Slope Tops (If required): Not less than 18 gauge sheet steel approximately 18 degrees pitch, in lengths as long as practical but not less than four lockers. To be installed in addition to the locker flat top with end closures for support. Finished to match lockers.
3. Fillers (if required): Provide where indicated, of not less than 16 gauge sheet steel, factory fabricated and finished to match lockers.

##### C. FINISHING: All locker parts to be cleaned and coated after fabrication with a seven stage hot-spray washing process and coated with a zirconium-based nanotechnology providing a green alternative to traditional iron phosphate followed by a coat of high grade custom blend powder

electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be Platinum throughout.

- D. Lockers shall be GREENGUARD GOLD Certified.

## PART 3 EXECUTION

### 3.1 INSTALLATION

- A. GENERAL: Installation shall be in strict conformance with referenced standards, the manufacturer's written directions, as shown on the drawings and as herein specified.
- B. PLACEMENT: Lockers shall be set in place, plumb, level, rigid, flush and securely attached to the wall (or bolted together if back-to-back) and anchored to the floor or base according to manufacturer's specifications.
- C. ANCHORAGE: About 48" O.C., unless otherwise recommended by manufacturer, and apply where necessary to avoid metal distortion, using concealed fasteners. Friction cups are not acceptable.
- D. TRIM: Sloping tops, metal fillers and end panels shall be installed using concealed fasteners. Provide flush, hairline joints against adjacent surfaces.

### 3.2 ADJUSTMENT

- A. GENERAL: Upon completion of installation, inspect lockers and adjust as necessary for proper door operation. Touch-up scratches and abrasions to match original finish.

### 3.3 WARRANTY

- A. All-Welded Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section for the lifetime of the facility.

END OF SECTION