

SECTION 10 51 16

METAL STADIUM LOCKERS (DEN - VARSITY)

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Open Front Welded Team Lockers.

1.2 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Show the following:
 - 1. Dimensioned drawings including plans, elevations, and sections to show locker locations and interfaces with adjacent substrates.
 - 2. Details of assembly, erection, anchorage and clearance requirements.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and finishes.

1.3 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Protect locker finish and adjacent surfaces from damage.

1.4 QUALITY ASSURANCE

- A. All lockers and components must be manufactured and assembled in the United States. Locker components and materials (steel, etc.) from off-Shore companies will not be accepted.
- B. Uniformity and Single Manufacturer Requirements: Provide each type of metal locker as produced by a single manufacturer, including necessary mounting accessories, fittings, and fastenings.
- C. Installers Qualifications: Lockers to be installed by an experienced agent of the manufacturer.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Penco Products, Inc., which is located at: 2024 Cressman Rd. P. O. Box 158 ; Skippack, PA 19474-0158; Toll Free Tel: 800-562-1000; Tel: 610-666-0500; Fax: 610-666-7561; Email: general@pencoproducts.com; Web: www.pencoproducts.com
- B. Acceptable Alternate Manufacturers: Subject to compliance with requirements of the Contract Documents, acceptable manufacturers are as follows:
 - 1. DeBourgh Manufacturing Company
 - 2. WEC Manufacturing
 - 3. Superior Lockers By List Industries
- C. Alternates submitted for approval to comply with Section 01 60 00.

2.2 MATERIALS

- A. Steel: Prime grade mild cold-rolled sheet steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A1008.
- B. Steel: Sheet steel components shall be fabricated using zinc-coated steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A879.
- C. Hooks: Zinc plated forged steel, ball ends.
- D. Bolts and Nuts: Zinc plated truss fin head bolts and hex nuts.

2.3 HEAVY DUTY LOCKERS

- A. Heavy Duty Lockers: All locker body components made of cold rolled steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.
 - 1. Open-Front Athletic Lockers: Penco Stadium lockers, welded, no metal base on concrete base.
- B. Locker Body: Stadium Open Front Welded Lockers.
 - 1. Sides, Bottoms, Tops, and Shelves:
 - a. 16 gauge steel.
 - 2. Backs: Solid 18 gauge steel.
 - 3. Framing: All locker body components made of cold rolled steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.
 - 4. Parts mortised and tenoned and welded in a rigid assembly.
 - 5. Shelves: Flanged four sides with additional return flange on front edge to increase strength.
 - 6. Solid ends at the end of all locker runs and corner conditions.

2.4 INTERIOR EQUIPMENT

- A. Stadium Open-Front Athletic Lockers:
 - 1. Full width shelf, coat rod, and two single prong hooks.
 - 2. Box locker security box, above shelf.
 - a. Door shall be 14-gauge steel, punched for padlock. Lock hole cover with door pull shall be provided for padlock use.
 - b. Hinges: 16 gauge continuous and riveted to 16-gauge welded frame
 - c. Side panel: 16 gauge
 - 3. Foot locker with hinged bench seat, padlock hasp and stainless-steel strike
 - a. Hinges: 16 gauge continuous and riveted to horizontal panel.
 - b. Ventilation: Front panel is to have a pattern of mini louvers that measure ½” wide by ¼” high

2.5 LOCKER SIZE

- A. 24” width X 24” depth X 60”
- B. Refer to drawings for locations of various locker sizes listed above.

2.6 ACCESSORIES

- A. Number Plates: Provide each locker with a polished aluminum number plate, 2-1/4 inches (57 mm) wide by 1 inch (25 mm) high, with black numerals not less than 3/8 inch (9.5 mm) high; attach to face of door with two aluminum rivets.
- B. Front Fillers: 20 gauge steel formed in an angle shape, with 20 gauge slip joint angles formed in an angle shape with double bend on one leg forming a pocket to provide adjustable mating with angle filler.
 - 1. Attachment by means of concealed fasteners.
 - 2. Finish is to match lockers.
- C. Recess Trim: 18 gauge steel, 3 inch (75 mm) face dimension.
 - 1. Vertical and/or horizontal as required.
 - 2. Standard lengths as long as practical.
 - 3. Attach to lockers with concealed clips.
 - 4. Provide necessary finish caps and splices.
 - 5. Finish is to match lockers.

2.7 FABRICATION

- A. Fabricate lockers square, rigid, without warp, with metal faces flat and free of distortion.
- B. Welded Lockers: Pre-assemble lockers by welding into one piece structures in groupings most practical for job requirements, welds free of burrs; maximum width of group to be 54 inches (1.371 m); no bolts, nuts, or rivets allowed in assembly of main locker groups.

- C. Finish: Enamel powder coat paint finish electrostatically applied and properly cured to manufacturer's specifications for optimum performance. Finishes containing volatile organic compounds and subject to out-gassing are not acceptable. Locker exterior and interior shall be painted the same color.
 - 1. Special Finish
 - a. Anti-Microbial
 - 2. Color: As selected from manufacturer's standard colors.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates and bases have been properly prepared.
- B. If substrate and bases are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 INSTALLATION

- A. Install metal lockers and accessories at locations shown in accordance with manufacturer's instructions.
- B. Install lockers plumb, level, and square.
- C. Anchor lockers to floor and wall at 48 inches (1.219 m) or less, as recommended by the manufacturer.
- D. Bolt adjoining locker units together to provide rigid installation.
- E. Install metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces.

3.3 ADJUSTING AND CLEANING

- A. Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily.
- B. Touch-up with factory-supplied paint and repair or replace damaged products before substantial completion.

3.4 PROTECTION

- A. Protect installed products until completion of project.

END OF SECTION

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