

**SECTION 10505
CORREGIDOOR LOCKERS**

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 specifications apply to this section.

1.02 SUMMARY

- A. This Section includes the following:
 - 1. **Corregidoor** Corridor Lockers, including the following:
 - a. Single Tier
 - b. Double Tier
 - 2. Provide fasteners and anchorage devices to install lockers provided under this section.
 - 3. Provide metal filler panels to fill between banks of lockers and adjacent construction.

1.03 SUBMITTALS

- A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of locker and bench.
- B. Shop Drawings: Show lockers in detail, method of installation, fillers, trim, base, and accessories. Include locker numbering sequence information.
- C. Samples for verification: Submit one full-size locker sample for evaluation. Adherence to the specification is required. Locker submitted must meet specification regardless of manufacturer's standard product. Submit manufacturer's technical data and installation instructions for metal locker units.
- D. Maintenance Data: For adjusting, repairing and replacing locker doors and latching mechanisms to include in maintenance manuals specified in Division 1.

1.04 QUALITY ASSURANCE

- A. Uniformity and Single Manufacturer Requirements: Provide each type of metal locker as produced by a single manufacturer, including necessary mounting accessories, fittings, and fastenings.
- B. Installers Qualifications: Lockers to be installed by an experienced agent of the manufacturer.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Packing and Shipping: Do not deliver metal lockers until building is enclosed and ready for locker installation.

- B. Storage and Protection:** Protect materials from damage during delivery, handling, storage and installation.

1.06 WARRANTY

- A. Locker manufacturer shall warrant the lockers for the lifetime use of the original purchaser from date of shipment. Warranty shall include all defects in material and workmanship, excluding finish, vandalism and improper installation.**

PART 2 – PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturers:** Subject to compliance with requirements of the Contract Documents, acceptable manufacturers are as follows:
 - 1. DeBourgh Manufacturing Company**

2.02 FABRICATION

A. Locker Construction

- 1. Lockers to be welded unibody construction with exposed welds sanded smooth.**
- 2. No bolts, screws or rivets used in assembly of locker units.**
- 3. Ship lockers set-up, ready to be anchored in place in accordance with manufacturer's instructions.**

B. Body of Lockers:

- 1. Exterior sides, Tops, Bottoms, Tier Dividers and Facia:** Constructed of 16 gauge domestic cold rolled sheet steel for maximum durability.
- 2. Backs:** Solid sheet of 18 gauge cold rolled sheet steel welded to frames of sides and intermediate partitions.
- 3. Shelves and Intermediate Partitions:** Constructed of 18 gauge cold rolled sheet steel welded to sides and intermediate partition construction. Shelves provided in lockers 60 inches and taller, located to provide a minimum of 12 inches clearance.

C. Continuous Door Strike:

- 1. Tier dividers, tops and bottoms constructed of 18 ga. to provide four-sided, continuous door strike for a secure, sanitary and intrusion-free locker while door is in closed position.**

D. Doors:

- 1. Doors are 16 gauge steel, formed outer panel with double bends on both sides and a single bend on top and bottom with 18 gauge steel formed stiffener panel.**
- 2. Door stiffener runs top to bottom on hinge side of door and is securely welded to outer door to form a reinforced channel for additional torque-free strength and sound reduction when closing door. (Inner panel not available on 9 inch wide or box lockers 12 inches high or less).**

E. Door Ventilation:

1. Louvered doors with six louvers at the top and bottom of the formed door providing 7% ventilation per square inch.
2. Secur-N-Vent doors with three-dimensional vertical vents formed on fronts and backs of door providing 21% ventilation per square inch.
3. Solid doors with 0% ventilation.

F. Latching

1. Sentry III Single Point Latch
 - a. Eleven gauge unbreakable stationary latch welded to the locker frame extending through no more than 1-1/4 inches into locker opening.
 - b. Latch protrudes through flush-mounted, recessed stainless steel cup.
 - c. Capable of accepting padlock or built-in lock.
2. Sentry II Recessed Gravity Latch
 - a. Door containing stainless steel cup recessed into formed door.
 - b. 12 gauge steel finger lift mechanism.
 - c. Spring activated nylon slide latching enclosed in steel latch channel allows closing of door while padlock or built-in lock is in position
 - d. Rubber bumpers riveted to door stops for silent operation.

G. Hinges:

1. 16 gauge continuous piano hinge on the right side of the opening.
2. Hinges welded to door and riveted to locker frame.

H. Slope Tops:

1. Provide 18 gauge all welded slope top with 25 degree pitch, attached at factory with concealed fasteners. Slope top to be in addition to standard 16 gauge flat top.

I. Closed Base:

1. Provide 4 inch high, 14 gauge welded steel base enclosed on all four sides, securely welded to locker bottom.

J. Reinforced Bottom:

1. Provide 16 gauge spacer channel welded to locker bottom from front to back for a more secure installation (when closed bases are not used).

K. Filler Panels: Manufacturer's standard fabricated from 18 gauge solid steel finished to match lockers.

L. Finish:

1. Complete locker unit to be thoroughly cleaned, phosphatized and sealed.
2. Finish to be baked pure TGIC polyester powder coat with a minimum 2-3 mil thickness.
3. Color of lockers shall be chosen from manufacturer's 47 standard colors.

2.03 LOCKER ACCESSORIES

A. Hooks:

1. Hooks to be heavy duty forged steel with ball ends and zinc plated.
2. Provide two single wall hooks and one double ceiling hook in each locker opening 20 inches or taller.

B. Numbering

1. Furnish each locker with polished aluminum number plate with etched black numbers.
2. Locate number plate near center of each door.
3. Owner to furnish numbering sequence.

PART 3 – EXECUTION

3.01 INSTALLATION

A. Wall Installation:

1. Securely anchor every locker to wall and/or floor before use.
2. Anchoring to be determined by conditions at time of installation.
3. The adjacent locker units by bolting at four points, two at top and two at bottom, using ¼-inch cadmium plated bolts.

3.02 ADJUSTING

- A. General Requirements:** Upon completion of installation, inspect lockers and adjust for proper door and locking mechanism operation.

3.03 CLEANING

A. General Requirements:

1. Clean interior and exposed exterior surfaces, removing debris, dust, dirt, and foreign substances on exposed surfaces.
2. Touch up scratches and abrasions to match original finish.
3. Polish stainless steel and non-ferrous metal surfaces.
4. Replace locker units that cannot be restored to factory-finished appearance.
5. Use only materials and procedures recommended or furnished by locker manufacturer.