

SECTION 10500 - METAL LOCKERS

PART 1- GENERAL

1.1 RELATED DOCUMENTS:

We suggest use of your standard office reference to drawings, general, and special conditions, etc.

1.2 SCOPE:

Furnish and install new steel lockers, accessories, and finish metal trim as shown or indicated on drawings. Concrete or masonry bases, wood furring, blocking, or trim as may be required by drawings are included in other sections of this specification.

1.2.1 SUBMITTALS:

Shop Drawings: Submit drawings showing locker types, sizes, quantities, including all necessary details relating to anchoring, trim installation and relationship to adjacent surfaces.

Color Charts: Provide color charts showing manufacturer's available colors. If required by normal office procedures or in the event of non-standard color selection, request samples of paint on metal.

1.3 QUALITY ASSURANCE:

1.3.1 UNIFORMITY: Provide each type of metal locker as produced by a single manufacturer, including necessary installation accessories, fittings, and fasteners.

1.3.2 JOB CONDITIONS: Do not deliver metal lockers until the building is enclosed and ready for locker installation. Protect from damage during delivery, handling, storage, and installation.

PART 2- PRODUCTS

2.1 MANUFACTURER:

Republic Storage Products, LLC. Products by other manufacturers may be approved provided they meet the detailed specifications written below. Approval procedure shall be as specified in the General Conditions of these specifications.

2.2 LOCKERS:

Style: ABC Cubbies

Configuration (Single, Double, Triple, or Companion Compartment):

Size:

Color:

No. of Locker Frames:

No. of Locker Openings:

2.3 FABRICATION

2.3.1 MATERIAL: All major steel parts shall be made of mild cold rolled steel A.S.T.M. A1008/A, free from imperfections and capable of taking a high grade powder coat finish.

-ALTERNATE: Specified locker components shall be manufactured from galvanized steel A.S.T.M. A653/A and capable of taking a high grade powder coat finish.

2.3.2 FINISH: Exposed steel parts shall be thoroughly cleaned, given a bonding and rust inhibitive phosphate treatment and then electrostatically sprayed with powder coat paint.

2.3.3 CONSTRUCTION: Lockers shall be built on the unit principle - each locker shall have an individual door and frame, an individual top, bottom, and back with common intermediate uprights separating units.

2.3.4 FRAMES: Frames shall be 16 gauge formed into 1" face channel shapes. Top and bottom frame members of 16 gauge channel shapes shall be securely welded to vertical framing members to ensure a square and rigid assembly.

2.3.5 BODY: The body of the locker shall consist of 16 gauge upright sheets, tops, bottoms, shelves or compartment dividers, and 18 gauge backs. Tops, bottoms, shelves, and compartment dividers are flanged on all four sides; backs are flanged on two sides. Uprights shall be offset at the front and flanged at the rear to provide a double lapped rear corner. Shelves shall have an additional return flange on the front edge creating a channel shape to rigidize the impact surface. All body parts are finished in the same color selected for the frame.

2.3.6 INTERIOR EQUIPMENT: Single Compartment configuration shall have one hat/book shelf near the top of the cubby. Double Compartment configuration shall have one hat/book shelf dividing the cubby in half. Triple Compartment configuration shall have two hat/book shelves dividing the cubby in thirds. Companion Compartment configuration shall have two hat/book shelves and center partition. Single and Double Compartment configurations shall have one double prong hook and three single prong wall hooks in each opening. Companion Compartment configuration shall have two single prong wall hooks in each lower opening on either side of the partition. All hooks shall be made of steel, formed with ball points, zinc plated and attached with two bolts or rivets.

2.3.7 IDENTIFICATION TAGS: Each compartment shall be supplied with a 6"x1" label holder with self-adhesive backing and able to accept a paper insert. Label holder shall be attached to the front flange of the shelf or locker frame.

2.3.8 COLOR: Lockers shall be finished in colors selected from Republic's collection of premier powder coat colors.

-OPTION: Specifier may modify above paragraph if non-standard custom colors are selected.

2.3.9 ASSEMBLY: Assembly of all locker components shall be by riveting with a backup washer to provide a shake-proof permanent fastening system, while still permitting fastener removal by drilling to allow future rearrangement of lockers or replacement of damaged parts.

-OPTION 1: Assembly of all locker components shall be accomplished by the use of zinc plated, low round head, slotless, fin neck machine screws with Keps nuts, producing a strong mechanical connection.

-OPTION 2: Lockers shall be pre-assembled, of welded construction, in multiple groups, conforming to job requirements. All welds shall be smooth and without burrs. The shelves and center partition in the Companion Compartment are not welded into the assembly.

PART 3- EXECUTION

3.1 INSTALLATION:

Lockers must be installed in accordance with manufacturer's approved drawings. Installation shall be level and plumb with flush surfaces and rigid attachment to anchoring surfaces. Space fasteners at 36" O.C. or less as recommended by the manufacturer. Use fasteners appropriate to load and anchoring substratum. Reinforcing plates to be used wherever fasteners could distort metal. Various trim accessories, where shown, such as sloping tops, fillers, bases, recess trim, etc., shall be installed using concealed fasteners. Flush, hairline joints shall be provided at all abutting trim parts and at adjoining surfaces.

3.2 ADJUSTMENT:

Upon completion of installation, inspect lockers and adjust as necessary for proper operation.

3.3 QUALITY ASSURANCE:

Republic reserves the right to modify the design and/or change specifications or colors/finish consistent with our policy of product excellence.