

## SECTION 10 51 43

### Wire Mesh Lockers

#### PART 1 GENERAL

##### 1. SECTION INCLUDES

1. Dispatcher Locker framed welded wire mesh.
  1. Single Tier.
  2. Double Tier.
  3. Triple Tier.
  4. Rear Access Door.

##### 2. SUBMITTALS

1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
2. Product Data: Manufacturer's data sheets on each product to be used, including:
  1. Preparation instructions and recommendations.
  2. Installation methods.
3. Shop Drawings: Provide plan of locker lay-out with relation to supporting and enclosing the structure. Single locker isometric view with material call-out shall be included.

##### 3. QUALITY ASSURANCE

1. Manufacturer Qualifications: Minimum 10 year experience manufacturing similar products.
2. Installer Qualifications: Minimum 2 year experience installing similar products.

##### 4. DELIVERY, STORAGE, AND HANDLING

1. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
2. Handling: Handle materials to avoid damage.

##### 5. PROJECT CONDITIONS

1. Do not install products under environmental conditions outside manufacturer's recommended limits.
2. Do not store outside or allow to get wet.

##### 6. SEQUENCING

1. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Wire mesh lockers provided by Southwest Solutions Group 2535-B State Hwy 121, Ste 110, Lewisville, TX 75056 [www.southwestsolutions.com](http://www.southwestsolutions.com) Phone: 1-(800) 803-1083.
- B. The materials, products and equipment described in the Bidding Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution
- C. No substitution will be considered prior to receipt of Bids unless written request for approval has been received by the Architect at least ten days prior to the date for receipt of Bids. Such requests shall include the name of the material or equipment for which it is to be substituted and a complete description of the proposed substitution including drawings, performance and test data, and other information necessary for an evaluation. A statement setting forth changes in other materials, equipment or other portions of the Work, including changes in the work of other contracts that incorporation of the proposed substitution would require, shall be included. The burden of proof of the merit of the proposed substitution is upon the proposer. The Architect's decision of approval or disapproval of a proposed substitution shall be final.
- D. If the Architect approves a proposed substitution prior to receipt of Bids, such approval will be set forth in an Addendum. Bidders shall not rely upon approvals made in any other manner.
- E. No substitutions will be considered after the Contract award unless specifically provided for in the Contract Documents.
- F. Alternate manufacturers may be considered by showing evidence of 5 years of experience in the manufacture and/or supply of the products herein, without deviation.

### 2.2 Framed Welded Wire Locker Styles

- A. Locker Assembly: Dispatcher Locker.
- B. Standard Model Dimensions (specify as required):
  - 1. Height:
    - a) 79.5 inches (2m).
    - b) Custom height (specify\_\_\_\_\_).
  - 2. Width and Depth\* (specify one or more of the following):
    - a) 24 inches wide by 24 inches deep (610 mm by 610 mm).
    - b) 24 inches wide by 30 inches deep (610 mm by 762 mm).
    - c) 24 inches wide by 36 inches deep (610 mm by 914 mm).
    - d) 30 inches wide by 24 inches deep (762 mm by 610 mm).
    - e) 30 inches wide by 30 inches deep (762 mm by 762 mm).
    - f) 30 inches wide by 36 inches deep (762 mm by 914 mm).
    - g) 36 inches wide by 24 inches deep (914 mm by 610 mm).
    - h) 36 inches wide by 30 inches deep (914 mm by 762 mm).
    - i) 36 inches wide by 36 inches deep (914 mm by 762 mm).
  - 3. For units with rear access doors, add 1-1/2 inches (38 mm) to the above depth.

- C. Standard Door and Shelf Configuration (specify as required):
  - 1. Front Door
    - a) Single door.
      - i. No shelf.
      - ii. Single (bottom base) shelf.
      - iii. Two (2) shelves.
      - iv. Three (3) shelves.
    - b) Two doors.
      - v. Two (2) shelves.
    - c) Three doors.
      - vi. Three (3) shelves.
  - 2. Optional Shelving shall consist of 14 gauge galvanized sheet metal with 7/8 inch returns on two sides for increased rigidity, providing formed end at the locker opening (front and rear). Shelving is pre-punched to provide secure anchoring at four places to the integral 1-1/4 inch by 1-1/4 inch (32 mm by 32 mm) 14 gauge steel angle supports on the two side panels. Shelving is sized accordingly to the full locker width and depth. Partial or half shelves shall not be approved as equal.
- D. Rear panel options (specify as required):
  - a) Welded wire mesh (non-movable).
  - b) Single tier rear door.
  - c) Double tier rear door.
  - d) Triple tier rear door.
- E. Assembly
  - a) Ships assembled.
  - b) KD: ships flat, assembly required. Subcomponents shall be pre-punched for ease of assembly.

### 2.3 Panel Construction

- A. Door Assembly: The door assembly shall be constructed of 12 gauge 1 inch by 1 inch (25 mm by 25 mm) welded wire mesh welded into a 14 gauge 1-1/4" by 1-1/4" (32 mm by 32 mm) angle frame for a unitized construction. Doors are equipped with a minimum of two steel pin butt hinges with one padlock hasp per door. Bolt-together doors shall not be approved as equal.
- B. Outer Door Frame: The outer door frame shall consist of 14 gauge 1 inch by 1-1/2 inches by one inch (25 mm by 38 mm by 25 mm) steel U-channel.
- C. Side Panels: The side panels shall be constructed of 12 gauge by 1 inch by 1 inch (25 mm by 25 mm) welded wire mesh welded into a 14 gauge 1-1/4 inch by 1-1/4 inch (32 mm by 32 mm) steel angle frame for a unitized construction.
- D. Mesh Top and Back Panels: Panels shall be constructed of 12 gauge 1 inch by 1 inch (25 mm by 25 mm) welded wire mesh.
- E. Finish: Finish shall be Machine Gray Powder Coat except for galvanized components. Custom colors are available upon request. A wet spray enamel paint coating shall not be approved as equal.

## PART 3 EXECUTION

### 3.1 EXAMINATION

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

### 3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Dependent upon height layout and configuration of lockers, secure lockers together (to rear wall, back to back and/or side to side). Wall anchors are the responsibility of the contractor. Units are required to be level for proper functionality. Shimming of the units for an uneven floor is the responsibility of the contractor. For floor and locker to locker anchoring, specify optional hardware as required.

### 3.3 PROTECTION

- A. Protect installed products until completion of the project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION