

SECTION 10605  
WELDED WIRE PARTITIONS

PART 1 GENERAL

1.1 SUMMARY

- A. The work includes the manufacturing of mesh partitions as indicated and as specified. The Conditions of the Contract and Division 1 apply to this section as fully as if repeated herein.

1.2 SUBMITTALS

1. Manufacturer's Data: Submit manufacturer's technical data and installation instructions.
2. Shop Drawings: Submit shop drawings for fabrication and erection. Include plan view elevations and large scale details. Show necessary items. Provide templates as required.

1.3 QUALITY ASSURANCE

- A. Qualifications:
1. Manufacturer: Company specializing in manufacturing Products specified with minimum 5 years documented experience.
  2. Installer: Company specializing in performing the Work of this Section with minimum 5 years documented experience.
- B. Field Measurements: Confirm field measurements before fabrication, where possible. Allow for adjustments and fittings where required.
- C. Inserts and Anchorage's: Furnish devices which must be set in concrete or built into masonry. Coordinate with other work.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Section 01600 - Product Requirements: Transport, handle, store and protect products.
- B. Deliver materials to jobsite in unopened containers bearing manufacturer's name and content identification.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Subject to compliance with project requirements, manufacturer's offering Products which may be incorporated in the Work include the following:
1. CALIFORNIA WIRE PRODUCTS, Corona, CA  
PH (800) 486-7730 FAX (909) 735-1070  
E-mail: [info@cawire.com](mailto:info@cawire.com) <http://www.cawire.com>

## 2.2 WELDED WIRE PARTITIONS HORIZONTAL CONSTRUCTION

### A. Partitions Frame and Wire Mesh:

1. Wire: #10 W&M gauge steel wire welded into 2" square mesh, then welded to angle frames.
2. Vertical Frames: 1-1/4" x 1-1/4" x 1/8" hot rolled angle provided with holes for fastening to adjacent panels or tube posts.
3. Horizontal Frames: 1-1/4" x 1-1/4" x 1/8" hot rolled angle provided with holes for fastening to adjacent panels or tube posts.
4. Center Stiffeners: (1) 1/8" X 1" flat bar on front of panel with (1) 3/4" x 3/4" x 1/8" angle on back side of panel.
5. Line Posts (Floor Braces): 2 x 2 x 1/8" 14 gauge steel tubing.
6. Top Capping Bar: 2" x 1" 14 gauge steel tubing.
7. Corner Posts: 2" x 2" 14 gauge steel tubing.
8. All hardware and anchors are furnished for a complete installation.

### B. Door and Frame:

1. Doors:
  - a. Sliding: Constructed of 1-1/2" x 1-1/2" x 1/8" angle frame. Door to have (2) four-wheel hangers with box track.
  - b. Hinged: Constructed of 1-1/4" x 1-1/4" x 1/8" angle frame. 1-1/2 pair butt hinges welded to door sides and jamb posts.
2. Service Windows: Installed in any standard panel or door. Openings are 24" wide x 21" high. 12" steel shelf and padlock attachments provided.
3. Locks: Doors are equipped with padlock hasps as standard. Mortise type cylinder locks operated from outside with key, and from inside with recess knob also available.

### C. Finish: An HVLP applied shop coat of machinery gray enamel. Standard options include gray, tan, safety yellow, black, blue, red prime, and electro plated. Special colors are available upon request.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine the areas and conditions under which mesh partition units are to be installed. Do not proceed with the work until unsatisfactory conditions have been corrected.

### 3.2 INSTALLATION

- A. Install Work under this Section in accordance with manufacturer's printed recommendations.
- B. Erect partitions plumb, rigid, properly aligned, and securely fastened in place. Adjust opening and closing units to operate freely without bind.
- C. Provide additional field bracing as necessary for rigid, secure installation.
- D. Install all accessories required for a completed installation.
- E. Touch up paint damaged finish after completion of installation using field-applied paint to match color of shop-applied finish.

- END OF SECTION -