

SECTION 10 22 23

WIRE MESH PARTITIONS

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings, Details of Construction and general provisions of Contract, including General and Supplementary Conditions and Division-1 Specification Sections, apply to work specified in this section.

1.02 SUMMARY

- A. Section includes: 9" high wire mesh partitions.

1.03 SUBMITTALS

- A. Shop Drawings: Submit in accordance with Section 01 33 00 prior to fabrication, construction, finishes, accessories, installation methods.

1.05 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Deliver product in manufacturer's original unopened, packages with labels legible, intact.
- B. Identify, manufacturer, brand name, model, size, finish, location of installation.
- C. Store folding partitions, accessories in unopened packages in protected dry area to prevent damage from environmental and construction operations.
- D. Handle partitions with care to prevent damage.

PART 2 PRODUCTS

2.01 WIRE MESH PARTITIONS

- A. Partition: Acorn Wire and Iron Works, Inc.
- B. Partition type: 130AL. Equivalent products by Miller Wire Works and Woven Wire Works.
- C. Construction:
 - 1. All wire type constructed of 10 gauge steel wire woven in 1 ½" diamond mesh, securely clinched to frames.
 - 2. Vertical frames to be 1 ¼" x 5/8" cold rolled 'C' section channels with ¼" bolt holes 12" o.c.
 - 3. Horizontal frames 1" x ½" cold rolled channels.
 - 4. All joints mortised and tenoned.
 - 5. Center reinforcing bar 1" x ½" cold rolled channel tenoned to side frames. All wires passed through center bar.
 - 6. Flat bar posts to be (5/16" x 1-3/4") (5/16" x 2 ½") (5/16" x 3") (as detailed) with ¼" bolt holes to match partition.

7. Top capping bar 2 1/4" x 1" cold rolled channel with 1/4" 'U' bolts 2'-4" o.c. May be anchored to walls and/or ceilings.
8. Corner posts 1 1/4" x 1 1/4" angle with 1/4" bolt holes to match partition.
9. Floor sockets (aluminum) 2 1/2" high with set screw adjustment.
10. All bolts, hardware, and accessories for complete installation to be included.
11. Field bracing furnished by erector frame around existing structure.
12. Factory finish, electrostatic sprayed blade enamel.

PART 3 EXECUTION

3.01 INSPECTION

- A. Verify for correct dimensions, or lack of squareness and plumb which would affect quality and execution of work.
- B. Beginning of installation means acceptance of existing conditions.

3.02 INSTALLATION

- A. Install partition to tolerance of 1/4 inch in 10 ft. non-accumulating.
- B. Fasten to supports with suitable fasteners.

END OF SECTION 10 22 23