

**SECTION 10 22 13.01
WIRE MESH PANELS**

PART 1 - GENERAL

1.01 DESCRIPTION

This section covers stainless steel mesh panels complete with hardware.

1.02 RELATED WORK

- A. Structural Steel Framing: Section 06 30 00
- B. Schedule of Finishes: Section 09 06 00

1.03 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation also.
- B. American Society for Testing and Materials (ASTM):
A36/36M-08 Carbon Structural Steel

1.4 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Shop Drawings: Mesh panels, showing design, construction and materials.
- C. Provide layout drawings with detailed erection drawings and specifications.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Woven Wire Mesh : Halo™ 1162, Designer Series, Stainless Steel Type 304, 62% Open Area, Long Way of Opening Parallel to N/A, Sheet, 48.0000" Width x 96.0000" Length by McNICHOLS Quality or equal.
- B. Steel Shapes, Plates and Bars: ASTM A36/36M.
 - 1. Vertical Channel: 10 gauge, 2 inch leg U channel frame, stainless steel Type 304
 - 2. Horizontal Channel: 10 gauge, 2 inch leg U channel frame, stainless steel Type 304,
 - 3. Tabs: 3 ½ x 4 x 5/16 inch, stainless steel plates, Type 304

2.02 FABRICATION

- A. Weld wire mesh to frame grind smooth and polish as necessary for a uniform finish.
- B. Weld tabs to frame, grind smooth and polish as necessary for a uniform finish.
- C. Frame corners to be mitered and free of sharp edges, grind smooth and polish as necessary for a uniform finish.
- D. Finish: Stainless Steel type 304

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Erect the panels in accordance with the architectural drawings and detailed shop drawings.
- B. Secure panels to each other and the Pavilion frame using mechanical fasteners.

3.02 ACCEPTANCE

- A. Repair or replace damaged parts, touch-up abraded paint with matching paint.
- B. Panels shall be level and firm. Adjust hardware to operate smoothly and securely.

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