

# **Custom Infill Panels**

## **SECTION 05720 RAILING AND HANDRAIL INFILL PANELS**

### **PART 1 GENERAL**

#### **1.1 SUMMARY**

A. The work includes the manufacturing of wire mesh infill panels 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. Shop Drawings: Submit shop drawings for fabrication. 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 (951) 735-1070  
E-mail: [info@cawire.com](mailto:info@cawire.com)  
<http://www.cawire.com>

## **2.2 INFILL PANEL CONSTRUCTION**

### **A. Panel Frame and Wire Mesh:**

1. Wire: Woven or welded mesh in size and shape as indicated on drawings.
2. Vertical Frames: Construction as specified in detail drawings.
3. Horizontal Frames: Construction as specified in detail drawings.
4. Finish: Plain steel or hot dip galvanized as required. Finish type and color as selected by architect.
5. Attachment: Panels to be mechanically fastened or welded to rail structure in field as indicated on detail drawings.

## **PART 3 EXECUTION**

### **3.1 EXAMINATION**

- A. Examine the areas and conditions under which mesh infill panels 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 panels plumb, rigid, properly aligned, and securely fastened or welded in place.
- C. Install all accessories required for a completed installation.
- D. Touch up paint damaged finish after completion of installation using field-applied paint to match color of shop-applied finish, if applicable.