



## Architectural SERIES

### Description

The SafetyRail 2000 Architectural Series is a passive fall protection system that allows workers complete access to a leading edge while still being protected by the guardrail. It combines Tractel Manufacturing's non-penetrating guardrail system with architectural appeal for applications where railing appearance is important. Rail sections are constructed of 1.25" SCH 40 galvanized pipe. The rails secure to 98 pound cast iron bases that have four ports, allowing the rails to be placed in infinite positions. When the bases are installed in a run with a 90 ° return on each end, the combined mass and the geometry on installation creates an OSHA compliant barrier for roof edge protection.

The Architectural Series requires no penetration to the roof surface when installed.

### Basic Use

The Architectural Series is ideal for new building construction, adding fall protection to a new building, or as an addition to existing guardrails. The system has a pleasing sightline and can enhance the appearance of a building while maintaining the utmost in fall protection.

### OSHA Compliance

Compliant with regulations for guardrails:  
• 29 CFR 1910 Subpart D

### Features

- More pleasing sightlines
- No drilling necessary to install
- No intermediate counterweight required
- Custom engineering/manufacturing available for special applications
- Curved, incline and straight stanchions available
- Deemed OSHA compliant by an independent accredited engineering firm
- Optional EPDM rubber pads and BUR pads available for added roof surface protection

### Minimum Requirements

In order to meet OSHA regulations for fall protection, outriggers must be utilized (returns/counter weights). Whether the Danger Side Run is 5' or 1000' in length, you must have these in place at the beginning and at the end of the run. Outriggers are standard rail kits that are connected at approximately 90 ° to the Danger Side Run of each end rail section.



For applications where appearances are important.

**See reverse side for additional specifications and test results**



**Straight Stanchion**



**Curved Stanchion**

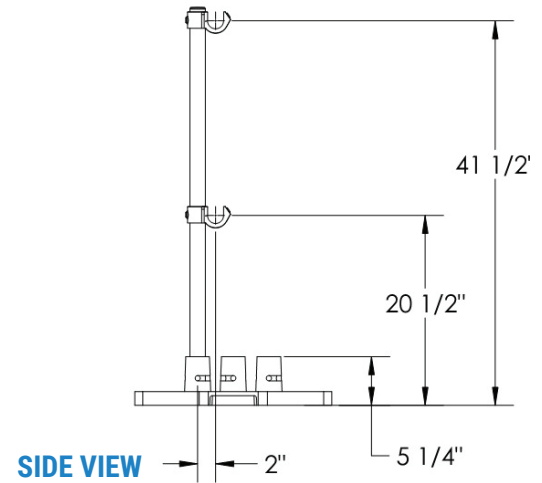
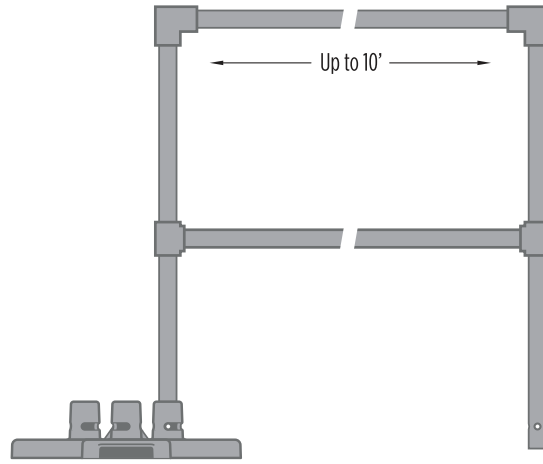
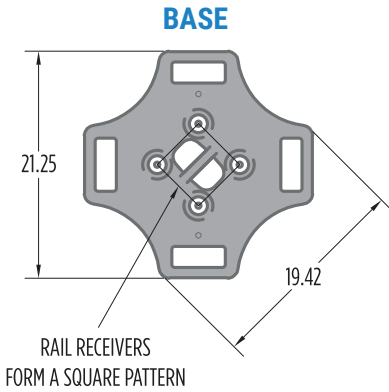


**Incline Stanchion**



**D-300 Series**

3 rail / 300 lb load test



## Pipe And Fitting Construction:

Uses 21ft lengths of pipe that can be positioned into the saddle fittings. Field cutting to shorter lengths is required.

## Roof Edge Protection:

Provide freestanding fall protection system on roof

**Approved Product:** Architectural Series Guardrail System

**Standards:** System shall have top and mid rail in accordance with OSHA Standards – 29 CFR 1910 Subpart D

**Structural Load:** 200 lb (90.7 kg), minimum, in any direction to all components in accordance with OSHA Regulations 29 CFR 1910 Subpart D

**Height:** 42 inches (1067 mm), minimum

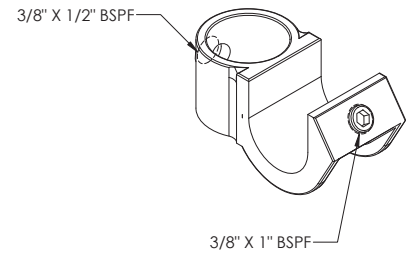
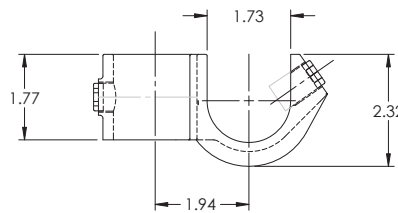
Select stanchion type from one of the following three types:

- Curved
- Incline
- Straight

**Railings:** 1.66" O.D. galvanized pipe

**Mounting Bases:** Class 30 gray iron material cast with four receiver posts. Base weight 95 lbs, 48 lbs per square foot. Provide rubber pads on bottom bases

**Receiver Posts:** Shall have a positive locking system into slots that allow rails to be mounted in any direction. Friction locking systems are not allowed. Receiver posts shall have drain hole



**SADDLE FITTING**

**Hardware:** Securing pins shall be 1010 carbon steel, zinc plated and yellow chromate dipped. Pins shall consist of collared pin and lanyard that connects to lynch pin

**Finishes:** Available in standard Hot-Dip Galvanized. Custom colors available

## Options

**Surface Protection Pads:** EDPM Rubber Pads and Bur Pads are available

## Independent Test Results

**Load Testing and Wind Load Calculation available on request**