



## SPECIFICATIONS

### MATERIAL

The B4-5B bollard body shall be fabricated with 5" sch. 10 steel pipe (5.56" OD), The standard B4-5B2 has a Dome top, and two decorative reveals, one at the top and one at the bottom. The number of reveals and their location can be changed to complement project designs. All Steel shall conform to ASTM A53.

The in ground receiver, for **removable bollards only**, shall be fabricated with 11 gauge steel sleeve welded to a 3" x 5" lockwell.

### PROTECTIVE COATINGS

**Powder Coating:** Following fabrication bollards shall be cleaned and treated with an iron phosphate process prior to the coating application. This process shall include a non-chromated alkaline cleaner, and an iron phosphate treatment followed with an acidic sealer for maximum adhesion. The protective coatings shall be either polyester or polyester TGIC powder.

This information was provided by:  
 FairWeather Site Furnishings ([www.fairweathersf.com](http://www.fairweathersf.com))  
 360-895-2626 or Toll Free 800-323-1798  
 Port Orchard, Washington

Following application the parts shall be baked until properly cured. The coating shall be a minimum of 4 mils thick on all surfaces.

**Note:** Unless otherwise specified, bollards shall be powder coated a standard FairWeather color.

**Hot Dip Galvanizing:** Following fabrication, the receivers shall be hot dip galvanized to standard ASTM A123, 3 to 4 mils thick.

Options: Sch 40 or Sch 80 pipe, eye bolts, number of reveals.

On removable bollards, receiver cover, lock well cover and padlock

Mounting: Surface, removable or embed

Please Note: Depth and diameter of installation hole may vary with soil conditions. Consult project engineer for correct dimensions.

DRAWN BY: D.P.  
 CHECKED BY: D.N.  
 SCALE: N.T.S.  
 DATE: 04/20/09

## STANDARD BOLLARD DETAIL

**RUTGERS**  
 THE STATE UNIVERSITY  
 OF NEW JERSEY  
 UNIVERSITY FACILITIES  
 PISCATAWAY, NEW JERSEY

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