

# Site Plan for The First Church of Christ, Scientist



# Existing Condition Photos



View from a  
vehicle exiting  
the garage

# Existing Condition Photos



View looking from across the plaza at exit of ramp and corner of building with Huntington Ave



# Existing Condition Photos



View  
looking at  
exit from  
the plaza

# Representative Photos other Pedestrian Safety Bollards on the Plaza



# Bollard Spec – in Anodized Silver to match other bollards on site

**Bollard R-7648**

**1) Use hammer drill to make hole 1" dia. x 3 1/8" depth.**  
**2) Clean drill hole of debris.**  
**3) Insert drop-in anchor into hole to drive plug down.**  
**4) Use hammer and setting tool to drive plug down.**  
**5) Secure bollard base with 3/4" washer and 3/4" bolt.**

**Tools needed:**  
 1) Measuring tape  
 2) 1 1/8" wrench  
 3) Hammer drill  
 4) 1" Masonry drill bit  
 5) Hammer  
 6) Drop-in concrete insert setting tool

**General Description:**  
 The R-7648 Bolt Down Bollard is a larger sized bollard at 48" tall for added visibility and security. Easy to install and relocate both indoors and out. Made from powder-coated steel. It features a wide surface flange for effective stability. Pre-drill holes in existing concrete and bolt flange onto secured drop-in anchors. Select from 6 color options.

**Specifications:**  
 Height: 48"  
 Diameter: 6 5/8"  
 Weight: 87 lbs  
 Material: Steel ( ASTM A36 )

**Finish Options:**  
 ● Polyester Powdercoated

See Reliance Foundry's standard color options at: [www.reliance-foundry.com/bollardoptions/bollards](http://www.reliance-foundry.com/bollardoptions/bollards)

**SECTION A-A**

PARTS LIST					
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	R-7648	R7648 Bollard	Steel Powder Coated	87 lbs
2	4	Drop-in Concrete Insert 3/4"	Drop-in Concrete Insert 3/4" - requires 1" x 3 1/8" hole (dia. x depth)	Steel Flange	1/2 lbs
3	4	Stainless Steel Washer 3/4"	Stainless Steel Washer 3/4" OD 1 1/2" Thick .12"	Stainless Steel	
4	4	Hex Bolt 3/4" x 1 1/2"	Hex Bolt 3/4" x 1 1/2" - requires 1 1/8" wrench	Stainless Steel	1/4 lbs

Copyright Reserved. THIS DRAWING AND DESIGN ARE, AND AT ALL TIMES REMAIN, THE EXCLUSIVE PROPERTY OF RELIANCE FOUNDRY CO. LTD.

**RELIANCE FOUNDRY**  
SINCE 1920

Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Canada  
 1-877-789-3245 info@reliance-foundry.com  
[www.reliance-foundry.com](http://www.reliance-foundry.com)

**Bollard R-7648**

REV	DATE	BY
C	R7648	CL

NOT TO SCALE | SHEET 1 OF 1