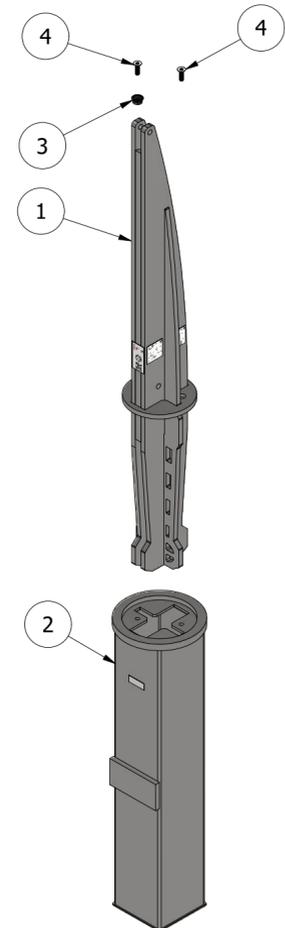
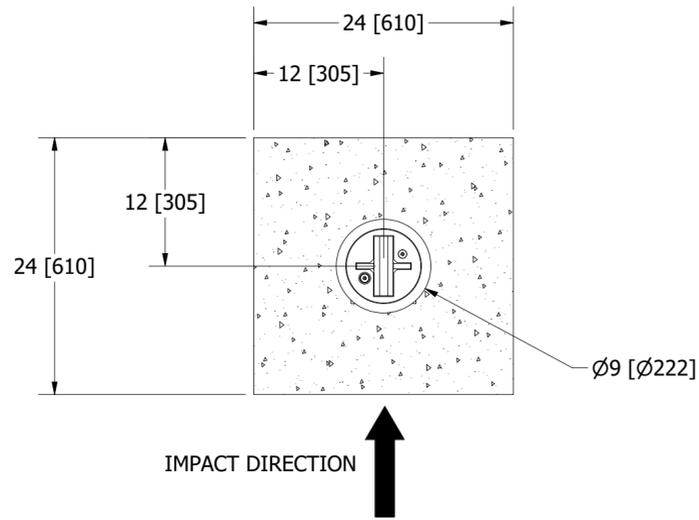


# Crash Rated Bollard R-1010-S10-R

1 BOLLARD INSTALLATION - SEE NEXT PAGE FOR ARRAY INSTALLATION



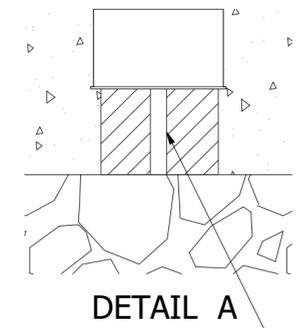
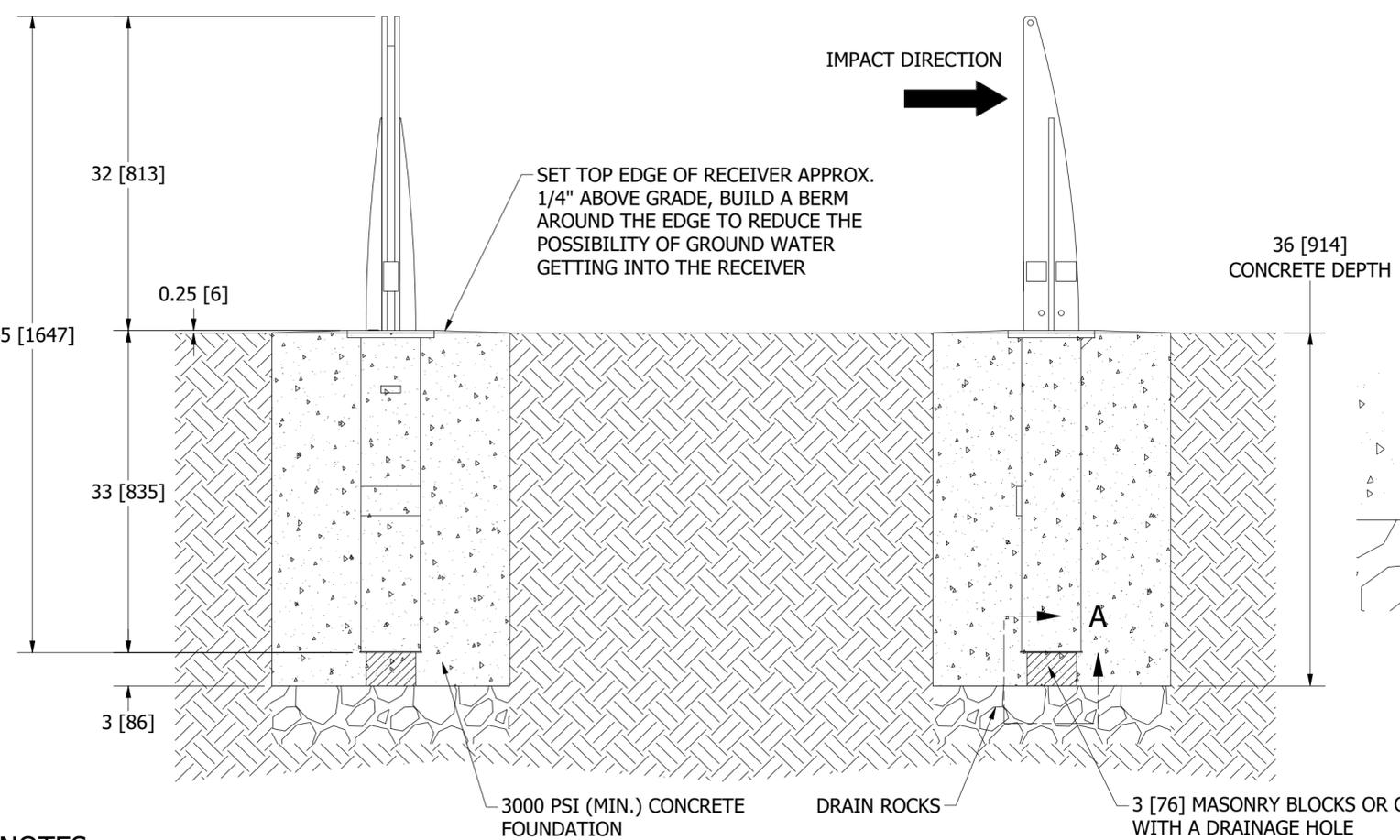
## General Description:

The **Vector S10 Removable Bollard** combines crash-rated protection with adaptability. Certified to ASTM F3016 S10 P1 standards, this bollard offers reliable defense against low-speed vehicle impacts while allowing temporary removal for flexible access. Its distinctive form and curved profile enhance strength, while the rebar-free installation simplifies setup and reduces costs.

For more information on bollard post installation, please visit: [www.reliance-foundry.com/bollard/installation-bollards](http://www.reliance-foundry.com/bollard/installation-bollards)

## Specifications:

- Total height: 65" [1651 mm]
- Height above grade: 32" [813 mm]
- Height below grade: 33" [838 mm]
- Weight: 143 lbs [65 kg]
- Material: Steel
- Finish: Hot-dip Galvanized



\* IF LOCAL FROST LINE EXCEEDS 36" DEEP, PROVIDE ADEQUATE DRAINAGE BY PIPING, CONNECT TO DRAIN ROCK LAYER UNDERNEATH.

## NOTES:

- EMBEDMENT DETAILS ARE FOR REFERENCE ILLUSTRATION ONLY. MINIMUM FOUNDATION SIZES DEPEND ON LOCAL SOIL CONDITIONS, WEATHER CONDITIONS, AND ENGINEERING REQUIREMENTS.
- BOLLARD IS PROVIDED AS SHOWN, WITH PARTS LISTED BELOW. CONCRETE FOUNDATION AND/OR INSTALLATION NOT PROVIDED BY RELIANCE FOUNDRY.
- THIS DRAWING IS NOT DRAWN TO SCALE. DIMENSIONS PROVIDED HEREIN IS FOR REFERENCE ONLY. PLEASE CONSULT RELIANCE FOUNDRY SALES PROFESSIONALS IF ANY DIMENSION IS CRITICAL TO YOUR PARTICULAR INSTALLATION.
- RELIANCE FOUNDRY RESERVES THE RIGHT TO AMEND DESIGN AND SPECIFICATIONS WITHOUT PRIOR NOTICE FOR PRODUCT IMPROVEMENT.

TOOL REQUIRED:  
T45 TEMPER-RESISTANT TORX KEY

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	WEIGHT (LBS)
1	1	S10-A0006-RB	S10 REMOVABLE BOLLARD ASSEMBLY	106
2	1	S10-A0006-R	S10 RECEIVER ASSEMBLY	36
3	1	p0035-R	BOLLARD FLANGE CONDUIT WASHER	-
4	2	91870A340_Torx Screw	TORX SCREW 3/8"-16; LENGTH 1-1/4"	-

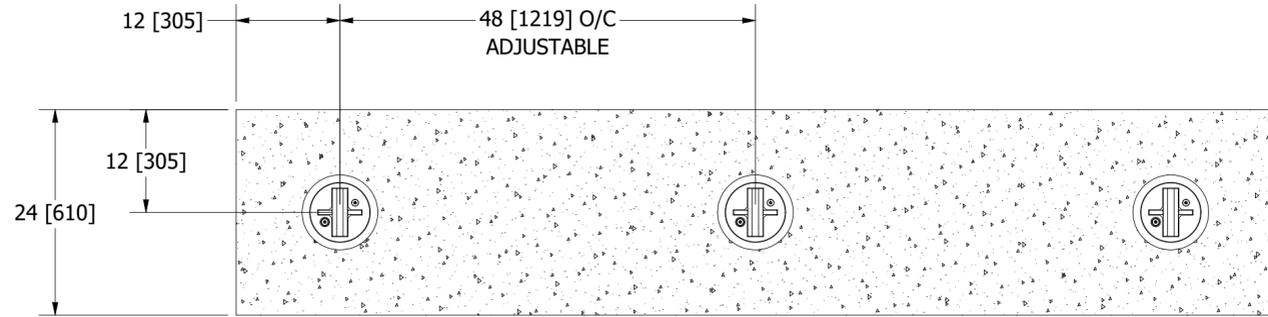


Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Canada  
1-877-789-3245 info@reliance-foundry.com  
[www.reliance-foundry.com](http://www.reliance-foundry.com)

TITLE			
<b>R-1010-S10-R</b>			
SIZE	DWG NO	REV	
<b>C</b>	<b>R-1010-S10-R_01</b>	<b>01B</b>	
NOT TO SCALE	UNLESS OTHERWISE SPECIFIED, DIMS ARE IN INCHES [MILLIMETERS]	SHEET 1 OF 2	

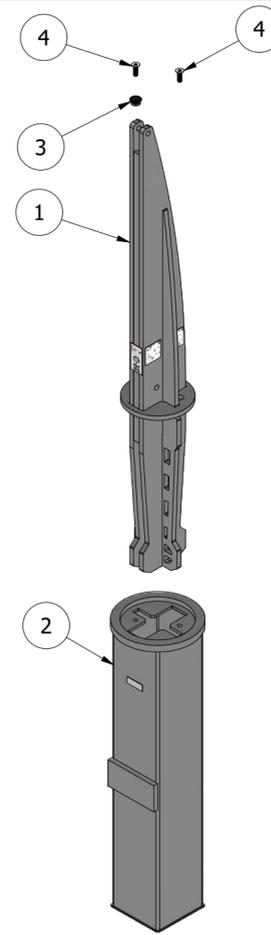
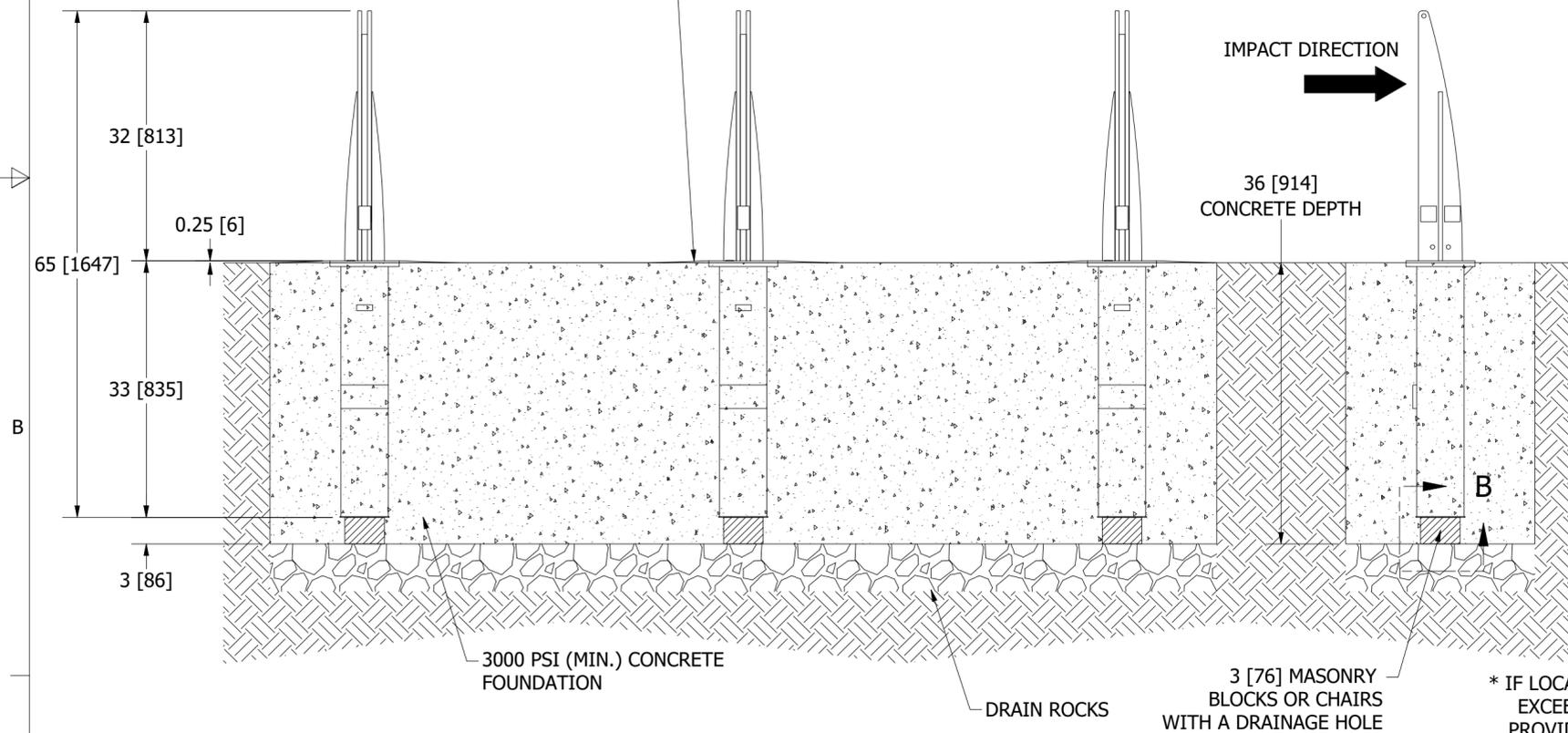
# Crash Rated Bollard R-1010-S10-R

TYPICAL BOLLARD ARRAY SHOWN (1 BOLLARD CAN WITHSTAND VEHICLE IMPACT ALONE)

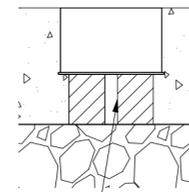


↑ IMPACT DIRECTION

SET TOP EDGE OF RECEIVER APPROX. 1/4" ABOVE GRADE, BUILD A BERM AROUND THE EDGE TO REDUCE THE POSSIBILITY OF GROUND WATER GETTING INTO THE RECEIVER



DETAIL B



## General Description:

The **Vector S10 Removable Bollard** combines crash-rated protection with adaptability. Certified to ASTM F3016 S10 standards, this bollard offers reliable defense against low-speed vehicle impacts while allowing temporary removal for flexible access. Its distinctive form and curved profile enhance strength, while the rebar-free installation simplifies setup and reduces costs.

For more information on bollard post installation, please visit: [www.reliance-foundry.com/bollard/installation-bollards](http://www.reliance-foundry.com/bollard/installation-bollards)

## Specifications:

Total height: 65" [1651 mm]

Height above grade: 32" [813 mm]

Height below grade: 33" [838 mm]

Weight: 143 lbs [65 kg]

Material: Steel

Finish: Hot-dip Galvanized



## NOTES:

- EMBEDMENT DETAILS ARE FOR REFERENCE ILLUSTRATION ONLY. MINIMUM FOUNDATION SIZES DEPEND ON LOCAL SOIL CONDITIONS, WEATHER CONDITIONS, AND ENGINEERING REQUIREMENTS.
- BOLLARD IS PROVIDED AS SHOWN, WITH PARTS LISTED BELOW. CONCRETE FOUNDATION AND/OR INSTALLATION NOT PROVIDED BY RELIANCE FOUNDRY.
- THIS DRAWING IS NOT DRAWN TO SCALE. DIMENSIONS PROVIDED HEREIN IS FOR REFERENCE ONLY. PLEASE CONSULT RELIANCE FOUNDRY SALES PROFESSIONALS IF ANY DIMENSION IS CRITICAL TO YOUR PARTICULAR INSTALLATION.
- RELIANCE FOUNDRY RESERVES THE RIGHT TO AMEND DESIGN AND SPECIFICATIONS WITHOUT PRIOR NOTICE FOR PRODUCT IMPROVEMENT.

TOOL REQUIRED:  
T45 TEMPER-RESISTANT TORX KEY

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	WEIGHT (LBS)
1	3	S10-A0006-RB	S10 REMOVABLE BOLLARD ASSEMBLY	106
2	3	S10-A0006-R	S10 RECEIVER ASSEMBLY	36
3	3	p0035-R	BOLLARD FLANGE CONDUIT WASHER	-
4	6	91870A340_Torx Screw	TORX SCREW 3/8"-16; LENGTH 1 1/4"	-

RELIANCE FOUNDRY  
SINCE 1925

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1-877-789-3245 info@reliance-foundry.com  
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TITLE			
<b>R-1010-S10-R</b>			
SIZE	DWG NO	REV	
<b>C</b>	<b>R-1010-S10-R_01</b>	<b>01B</b>	
NOT TO SCALE	UNLESS OTHERWISE SPECIFIED, DIMS ARE IN INCHES [MILLIMETERS]	SHEET 2 OF 2	