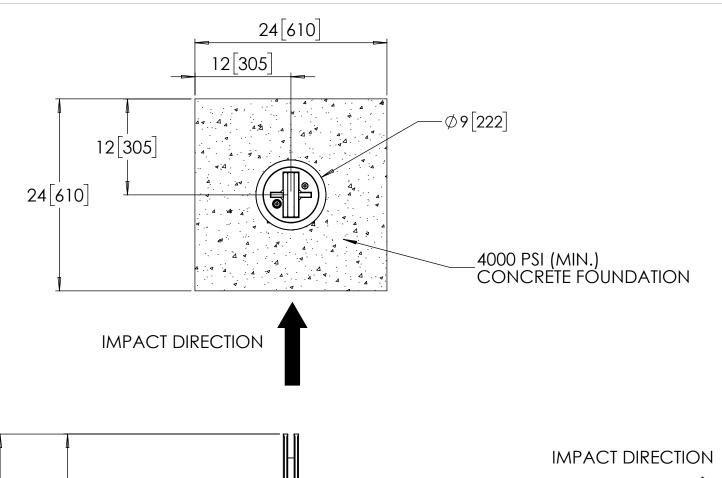
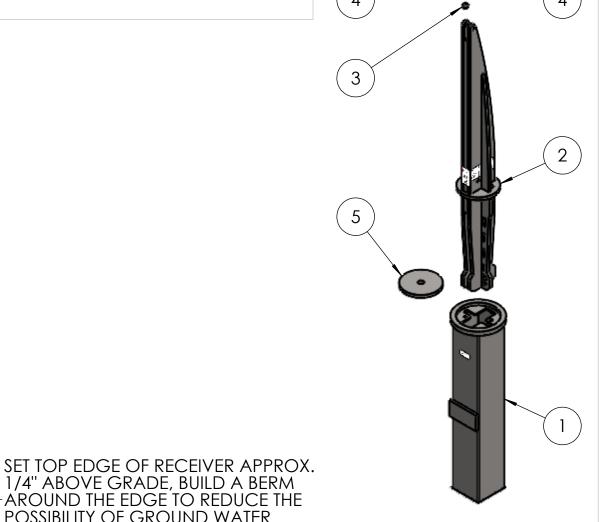
## Vector S10 Patriot Crash-Rated Bollard - R-1010-S10-R





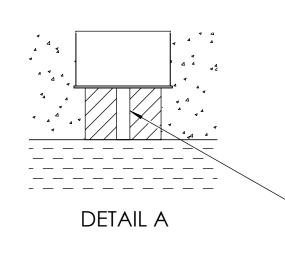
32[813]

36[914]
CONCRETE DEPTH

0.25[6]

0.25[6]

[3[76] MASONRY BLOCKS OR CHAIRS WITH A DRAINAGE HOLE



, \ / / \ / / /

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-DRAIN ROCKS

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



#### **General Description:**

The Vector \$10 Patriot Removable Bollard pairs trusted crash-rated performance with American-made versatility. Certified to the ASTM F3016 \$10 P1 standard, this storefront safety 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. Domestic sourcing ensures dependable quality, Buy America compliance, and faster turnarounds.

### **Specifications:**

Total Height: 69" [1753 mm]

Height Above Grade: 32" [813 mm]

Height Below Grade: 33" [840 mm]

Weight: 150 lbs [68 kg]

Material: Steel

### **Finish Options:**

- Hot-dip Galvanised
- Primed Black

For more information on bollard installation, please visit: <a href="https://www.reliance-foundry.com/bollard/vector-fixed-installation">https://www.reliance-foundry.com/bollard/vector-fixed-installation</a>



### NOTES:

33 836

3 [76]

- 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.
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TOOL REQUIRED: T45 TORX KEY

DO NOT SCALE DRAWING

ITEM	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	INDIVIDUAL WEIGHT	'
1	1	2500022	S10 RECEIVER ASSEMBLY	STEEL	34 LB	
2	1	2500023	S10 REMOVABLE BOLLARD ASSEMBLY	STEEL	116 LB	
3	1	1000063	BOLLARD FLANGE CONDUIT WASHER	PLASTIC	-	
4	2	1500008	TORX CSK SCREW - M10 - 50	STAINLESS STEEL	-	
5	1	1000061	S10 RECEIVER COVER (OPTIONAL)	STEEL	-	DI
	1 2 3 4 5	TEM QTY.  1 1 2 1 3 1 4 2 5 1	1     1     2500022       2     1     2500023       3     1     1000063       4     2     1500008	1         1         2500022         \$10 RECEIVER ASSEMBLY           2         1         2500023         \$10 REMOVABLE BOLLARD ASSEMBLY           3         1         1000063         BOLLARD FLANGE CONDUIT WASHER           4         2         1500008         TORX CSK SCREW - M10 - 50	ITEM QTY. PART NUMBER         DESCRIPTION         MATERIAL           1         1         2500022         \$10 RECEIVER ASSEMBLY         STEEL           2         1         2500023         \$10 REMOVABLE BOLLARD ASSEMBLY         STEEL           3         1         1000063         BOLLARD FLANGE CONDUIT WASHER         PLASTIC           4         2         1500008         TORX CSK SCREW - M10 - 50         STAINLESS STEEL	TEM QTY. PART NUMBER   DESCRIPTION   MATERIAL   WEIGHT

RELIANCE FOUNDRY SINCE 1925

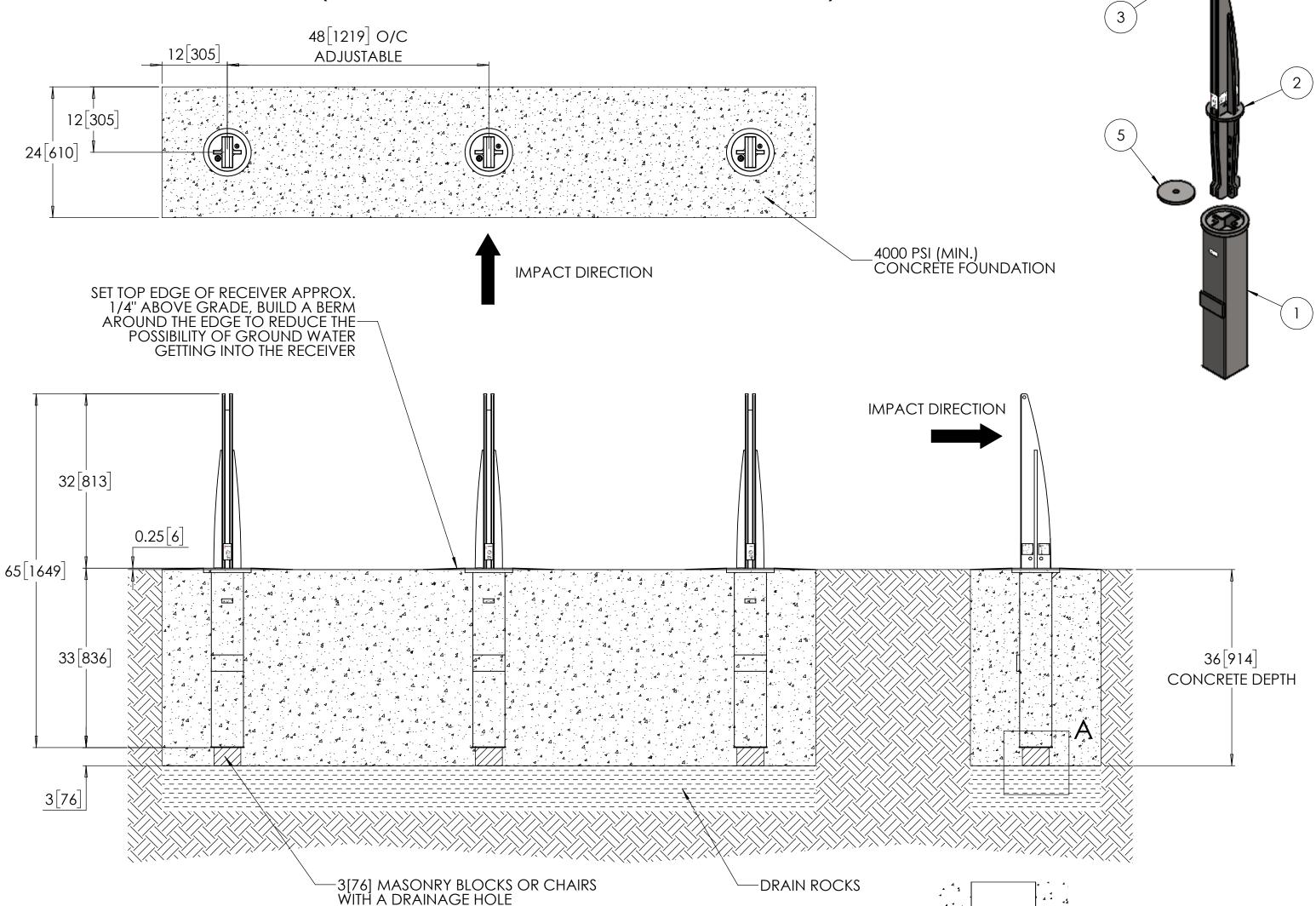
Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Canada 1-877-789-3245 info@reliance-foundry.com www.reliance-foundry.com

## S10 REMOVABLE BOLLARD INSTALLATION

_		NAME	DATE 2025-07-14	SIZE	DWG:	2500024-01		REV
					PART:			01B
	DRAWN	JF			ASM:	2500024		UID
	REVIEWED	MS	2025-07-14	SCALE: 1:12			SHEE	T 1 OF 2

### Vector S10 Patriot Crash-Rated Bollard - R-1010-S10-R

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





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ROCK LAYER

UNDERNEATH.

\* IF LOCAL FROST LINE EXCEEDS 36" DEEP, PROVIDE ADEQUATE

DRAINAGE BY PIPING,

CONNECT TO DRAIN

INTO LIGITED DELOTT. CONTENE							_
PROVIDED BY RELIANCE FOUNDRY.  IMENSIONS PROVIDED HEREIN IS FOR	ITEM	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	INDIVIDUAL WEIGHT	TI
CE FOUNDRY SALES PROFESSIONALS	1	3	2500022	S10 RECEIVER ASSEMBLY	STEEL	34 LB	
RTICULAR INSTALLATION.	2	3	2500023	S10 REMOVABLE BOLLARD ASSEMBLY	STEEL	116 LB	
	3	3	1000063	BOLLARD FLANGE CONDUIT WASHER	PLASTIC	-	
D AMEND DESIGN AND	4	6	1500008	TORX CSK SCREW - M10 - 50	STAINLESS STEEL	-	
OR PRODUCT IMPROVEMENT.	5	3	1000061	S10 RECEIVER COVER (OPTIONAL)	STEEL	-	DRA
COPYRIGHT RESERVED THIS PLAN DRAWING AND DESIGN	GN ARE	, AND	AT ALL TIMES REMAI	N, THE EXCLUSIVE PROPERTY OF RELIANCE FOUND	RY CO. LTD.	NOT SCALE DRAWING	REVIE

DETAIL A



### **General Description:**

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Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Canada 1-877-789-3245 info@reliance-foundry.com www.reliance-foundry.com

# S10 REMOVABLE BOLLARD INSTALLATION

		_			_		
	NAME	DATE		DWG:	2500024-01		REV
100	10001	D, (12		PART:			0.1D
DRAWN	JF	2025-07-14			2500024		01B
REVIEWED	MS	2025-07-14	SCAL	E: 1:15		SHEE	T 2 OF 2