

# Halvard R-1030-M30-SM Crash Rated Bollard



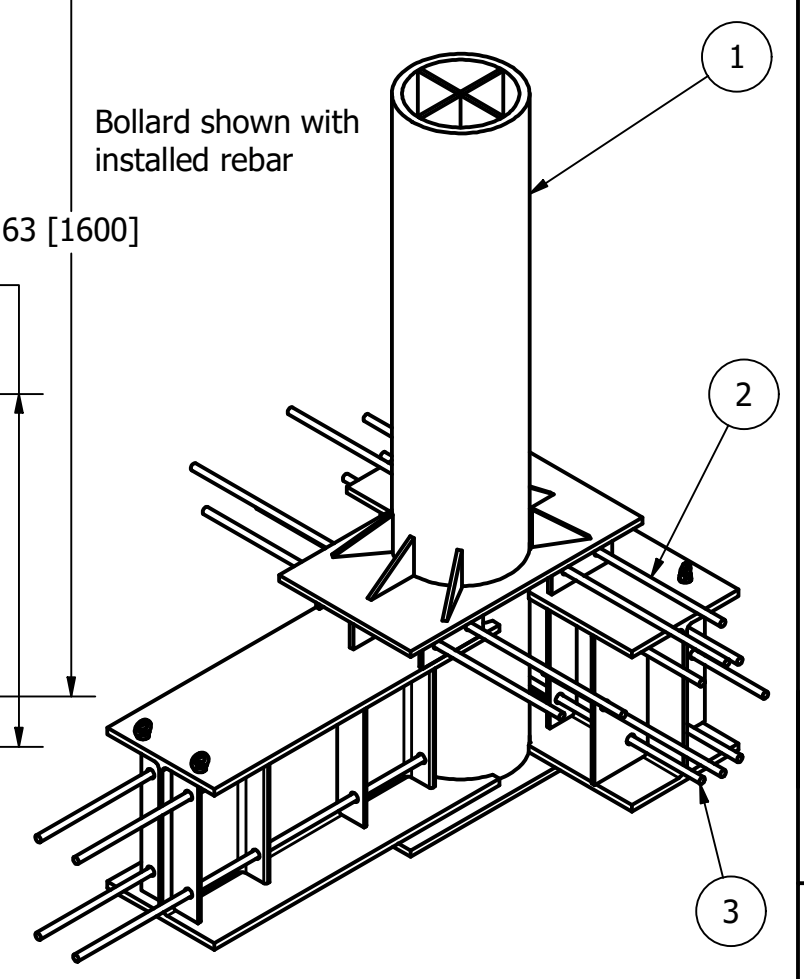
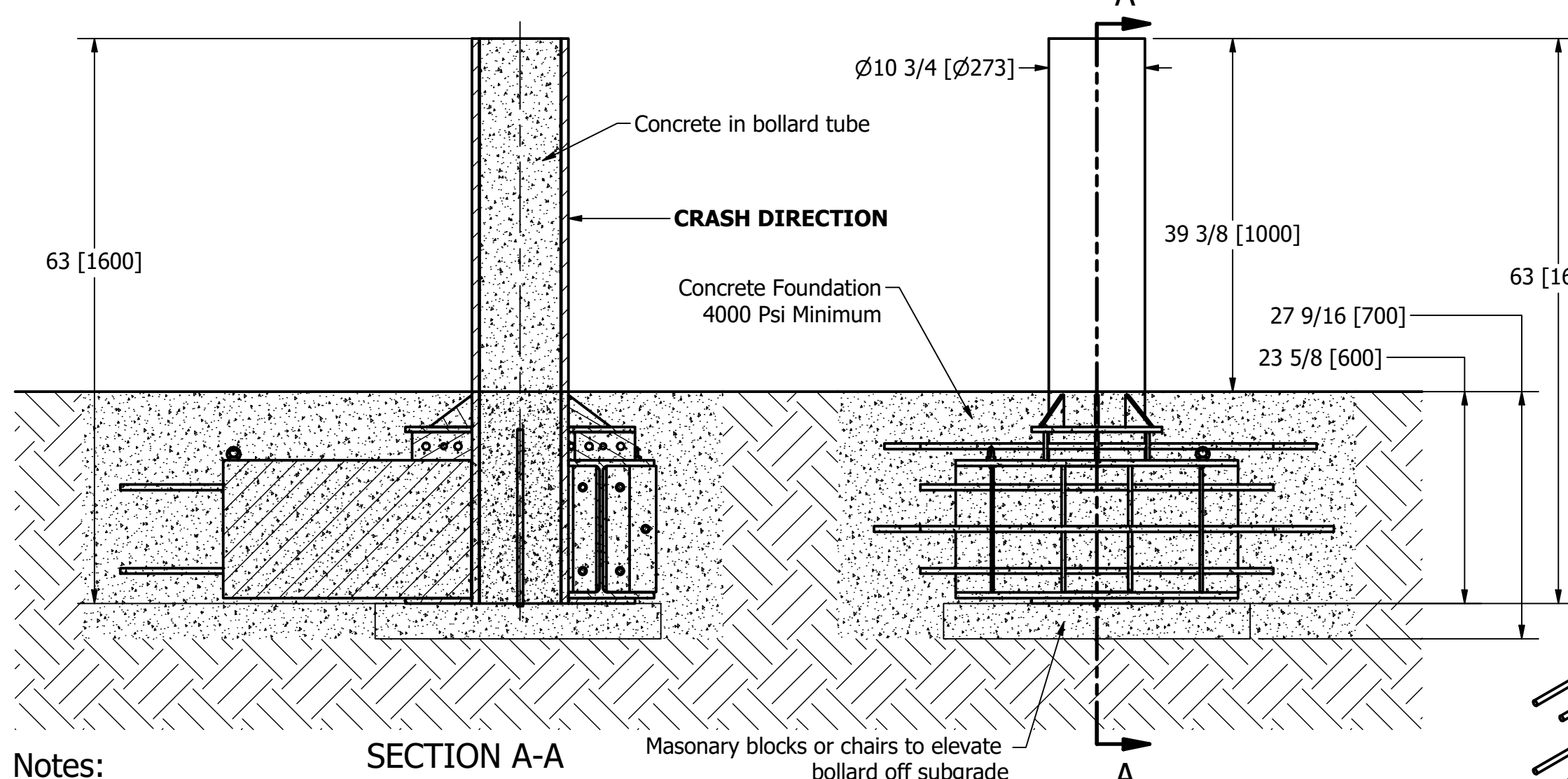
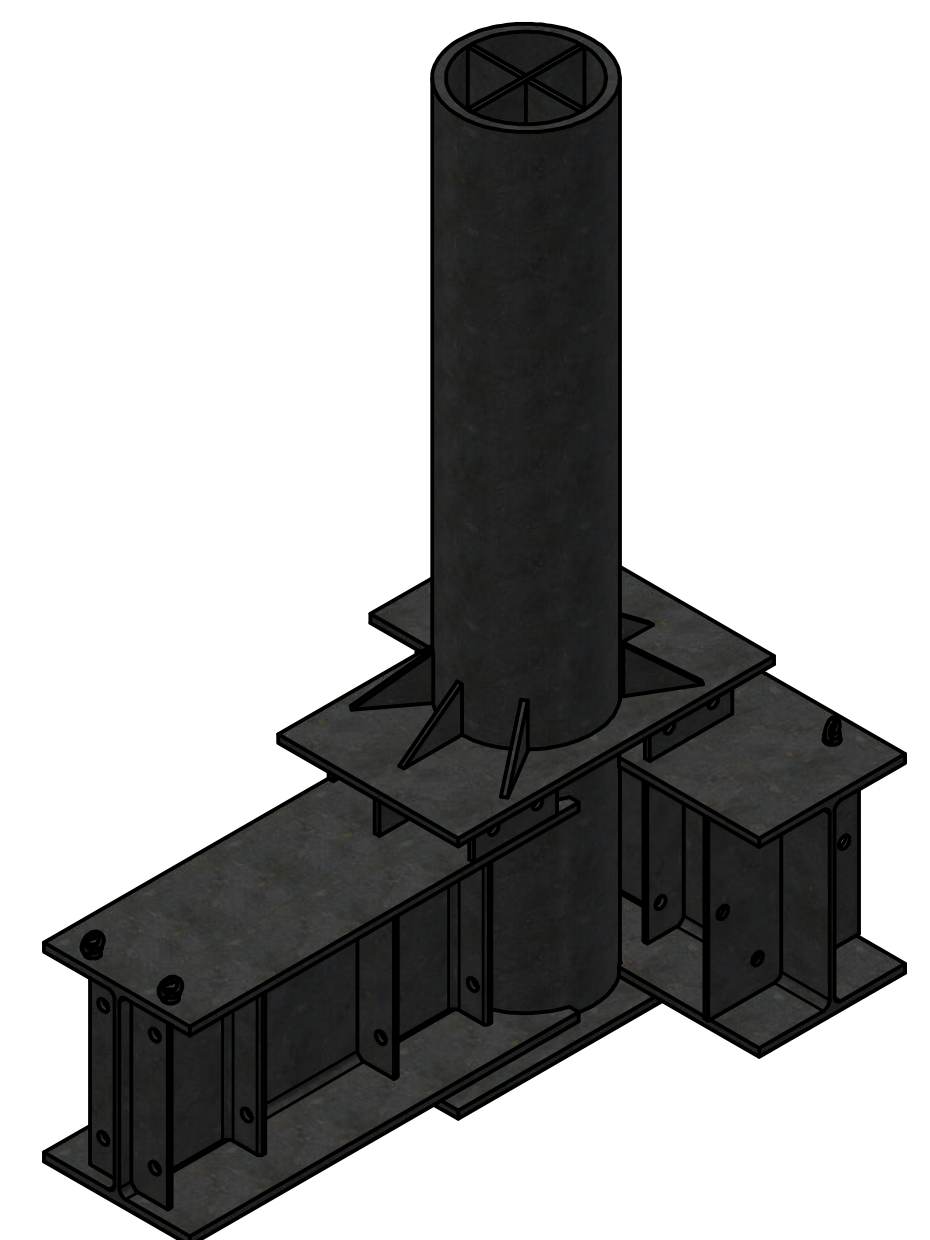
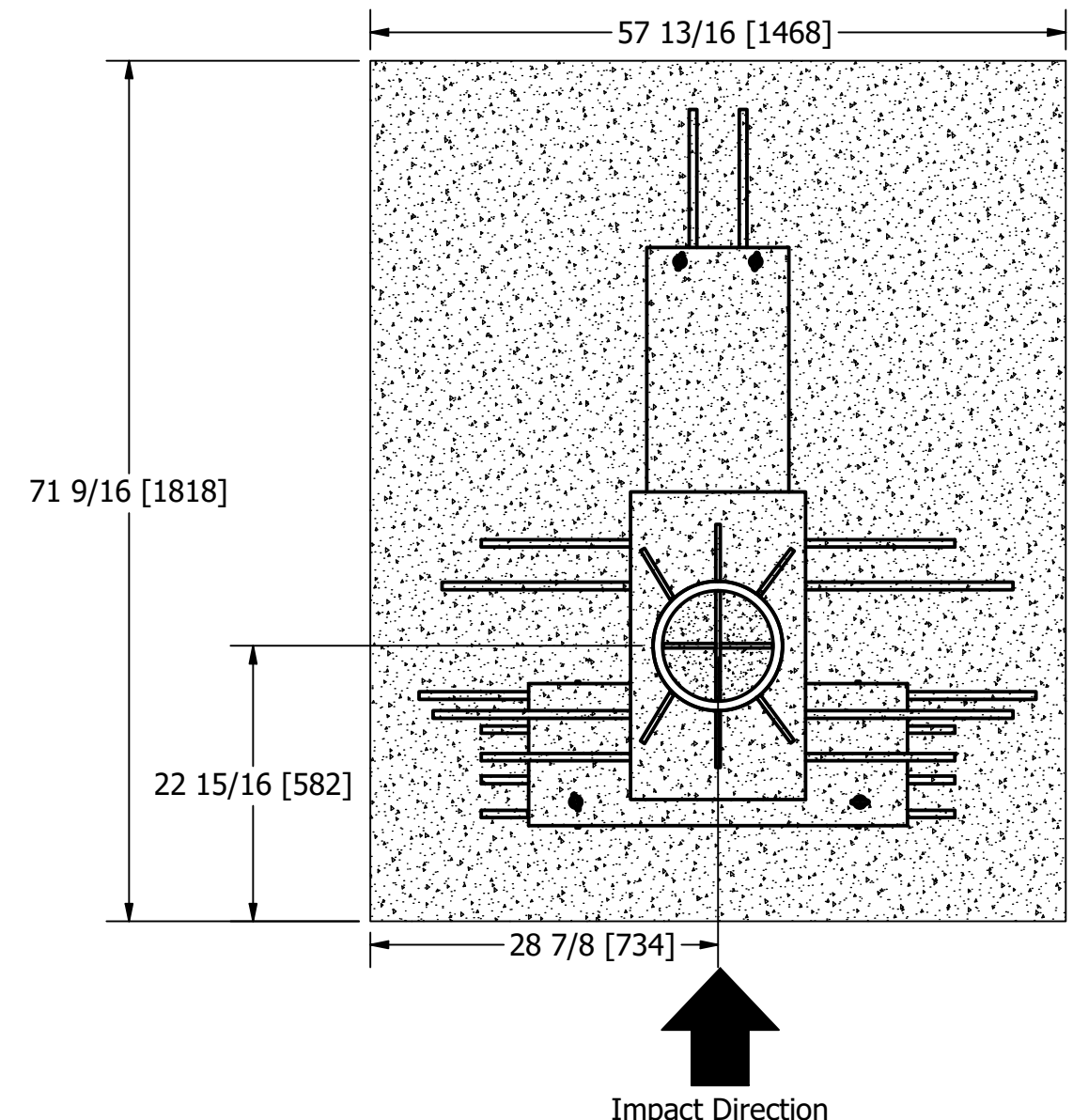
## General Description:

R-1030-M30-SM crash-rated bollards will stop accidental or purposeful vehicle intrusion into sensitive areas. This anti-ram bollard is certified to ASTM F2656-20 M30 P1 with the capacity to stop a 15 000 lbm vehicle traveling at 30 mph. This model of crash-rated bollard is specifically designed for installation in shallow areas; only 28" of depth is needed. The bollards ship pre-assembled and are simple to install with some rebar (not included). Reliance Foundry also sells [decorative covers](#) to enhance aesthetics.

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:

- Height (total): 63" [1600]
- Height above grade: 39 3/8" [1000]
- Height below grade: 23 5/8" [600]
- Length: 48" [1219]
- Width: 31 1/2" [800]
- Body Diameter: 10 3/4" [273]
- Weight: 1133 lbs [514 kg]
- Material: Steel



### 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.

PARTS LIST					
ITEM	QTY	PART NUMBER	DESCRIPTION	PCE WEIGHT (lbm)	
1	1	R--1030-M30-SM	Halvard R-1030-SM	1 133	
2	10	Rebar 16mm	Rebar 16mm OD, 1000mm Length	3.4	
3	4	Rebar 16mm	Rebar 16mm OD, 500mm Length	1.7	
-	-	Rebar 16mm	Additional 16mm OD and 10mm OD Rebar needed to reinforce concrete	-	



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TITLE  
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