

TABLE 1 OTHER CONSIDERATIONS IN DESIGN OF DS-22R REMOVABLE BOLLARD

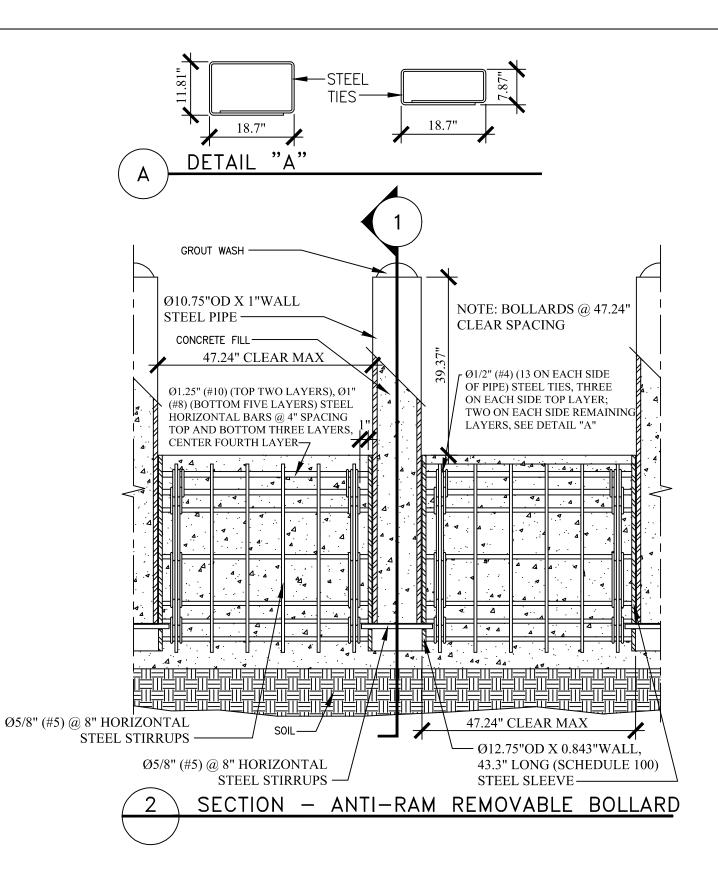
SINCE EACH BOLLARD WEIGHS APPROXIMATELY 1100 - 1200 POUNDS. LOCKING MAY NOT BE REQUIRED. DEPENDING ON SITE SPECIFIC APPLICATION AND CONDITIONS OWNER MAY WANT TO CONSIDER AUGMENTING THE REMOVABLE BOLLARD WITH A HASP AND LOCK.

OTHER FEATURES SUCH AS MOISTURE DRAINAGE, HOT DIP GALVANIZING, WELDED CAP PLATES, A HOLE NEAR THE TOP FOR LIFTING BY A THOUGH ROD OR CABLE, ETC., SHOULD BE INCORPORATED INTO THE FINAL DRAWING. THESE FEATURES ARE ACCEPTABLE PROVIDED THEY DO NOT ALTER THE STRUCTURAL INTEGRITY AND PERFORMANCE OF THE BARRIER. OWNER WILL REVIEW THE INCORPORATION OF THESE FEATURES.

SOIL REQUIREMENTS: THE SOIL SHOULD BE LOW-COHESIVE, WELL-GRADED CRUSHED OR BROKEN GRAVEL OF A PARTICLE SIZE DISTRIBUTION COMPARABLE TO TABLE 1. SOIL DEPTH SHOULD BE AT LEAST THE FOUNDATION DEPTH AND 1.5 TIMES EMBEDEMENT DEPTH BEHIND THE INSTALLATION OR 0.6 METERS (2 FEET), WHICHEVER IS GREATER UP TO A MAXIMUM OF 2 METERS (6 FEET). SOIL SHOULD BE COMPACTED TO A DENSITY OF NOT LESS THAN 90 PERCENT MAXIMUM DRY DENSITY.

TABLE: RECOMMENDED SOIL FOUNDATION MATERIAL

Sieve Size	Mass Percent Passing				
50.0 mm (2 in.)	100				
25.0 mm (1 in.)	75–95				
9.5 mm (3/8 in.)	40-75				
4.75 mm (No. 4)	30-60				
2.00 mm (No. 10)	20-45				
0.425 mm (No. 40)	15-30				
0.075 mm (No. 200)	5-20				



.X .XX .XXX .XXX	Unles Decimal Decimal Decimal Decimal	± .040 ± .030 ± .020 ± .010	erwise DO NOT SCALE OFF DRAWING Angular ± 0.5°	duplicated or used in whole or in part for the making of drawings, prints or parts to the detriment of, or harm to, the owner. In accepting this drawing, the recipient agrees to keep	*	AMERISTA	R®	1555 N. Mingo Tulsa, OK 74116 1-888-333-3422 www.ameristarfence.com
	REVISION HISTORY TITLE: ASP DS22R BOLLARD LAYOUT							
REV	ECN	AUTHOR	DATE	DESCRIPTION			_	
В	ECN	DM	11/05/13	CHANGE DIMS FROM METRIC TO IMPERIAL	DATE:	03/06/13	SHEET:	: 1 of 1
					DRN BY:	NJB	REV:	В
					DRAWING NO: ASP DS22R			