

GENERAL WARNINGS AND CAUTIONARY STATEMENTS FOR REMOVABLE BOLLARDS

In order to safely and effectively use any TrafficGuard[®] product, please read and understand the General Warnings and Cautionary Statements contained below. If you have any questions about any of these General Warnings and Cautionary Statements, or about any aspect of TrafficGuard[®]'s products or literature, please contact TrafficGuard[®] at 877-727-7347, or email sales@trafficguard.net.



BOLLARD SELECTION AND PLACEMENT

based on vehicle weight, speed and other site specific factors to be determined by owner.



FAILURE TO UTILIZE TRAFFICGUARD[®] AUTHORIZED PARTS, OR MODIFICATIONS to the TrafficGuard[®] products, or failure to follow the recommended installation procedures, will result in

your warranty being null and void.



READ AND FULLY UNDERSTAND THE INSTALLATION INSTRUCTIONS

before attempting to install any TrafficGuard[®] bollard product.



SUBSTITUTION OF COMPONENTS MAY IMPAIR THE PROPER FUNCTION

of TrafficGuard[®] bollards products. If you need replacement parts, please contact TrafficGuard[®] at the number and email above.



WARNING: FAILURE TO FILL/COVER AN OPEN GROUND SLEEVE ON ALL REMOVABLE BOLLARDS MAY RESULT IS DAMAGE TO VEHICLES OR INJURY TO PEDESTRIANS. ALWAYS FILL/COVER THE GROUND SLEEVE PER TRAFFICGUARD® INSTRUCTIONS.



REPLACEMENT GROUND SLEEVE FILLER PIECES ARE AVAILABLE

for purchase at TrafficGuard[®]. For purchase of replacement ground sleeve filler pieces or other components, please contact TrafficGuard[®] at the number or email above.



CAUTION: BOLLARD MUST ALWAYS BE SECURED WITH LOCK MECHANISM WHEN BOLLARD IS IN THE GROUND SLEEVE TO AVOID MISUSE.



FOR MAXIMUM EFFECTIVENESS

of TrafficGuard[®] bollard products, be sure to properly maintain bollards by replacing any damaged, corroded or missing components, and reapply paint as required to maximize visibility. Failure to properly maintain product can negatively impact the bollards performance over time.



TO ENSURE VISIBILITY

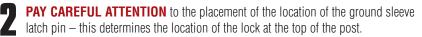
of bollards, be sure to apply all decals that are provided with the product, and in the manner recommended by TrafficGuard[®].

IF IN DOUBT CALL TRAFFICGUARD® 877-727-7347



INSTALLATION DETAILS FOR RP3500 SERIES KEY LOCK REMOVABLE BOLLARDS

NEVER ATTEMPT TO PLACE THE BOLLARD INTO THE **GROUND SLEEVE WHILE IN THE LOCKED POSITION.**





INSTALLATION OF A SMALLER FOUNDATION than that specified may reduce the overall impact capacity of the TrafficGuard Bollard System.



TO PROTECT AGAINST A TRIP HAZARD insert the galvanized ground sleeve filler piece at all times the bollard is removed from the ground sleeve insert.

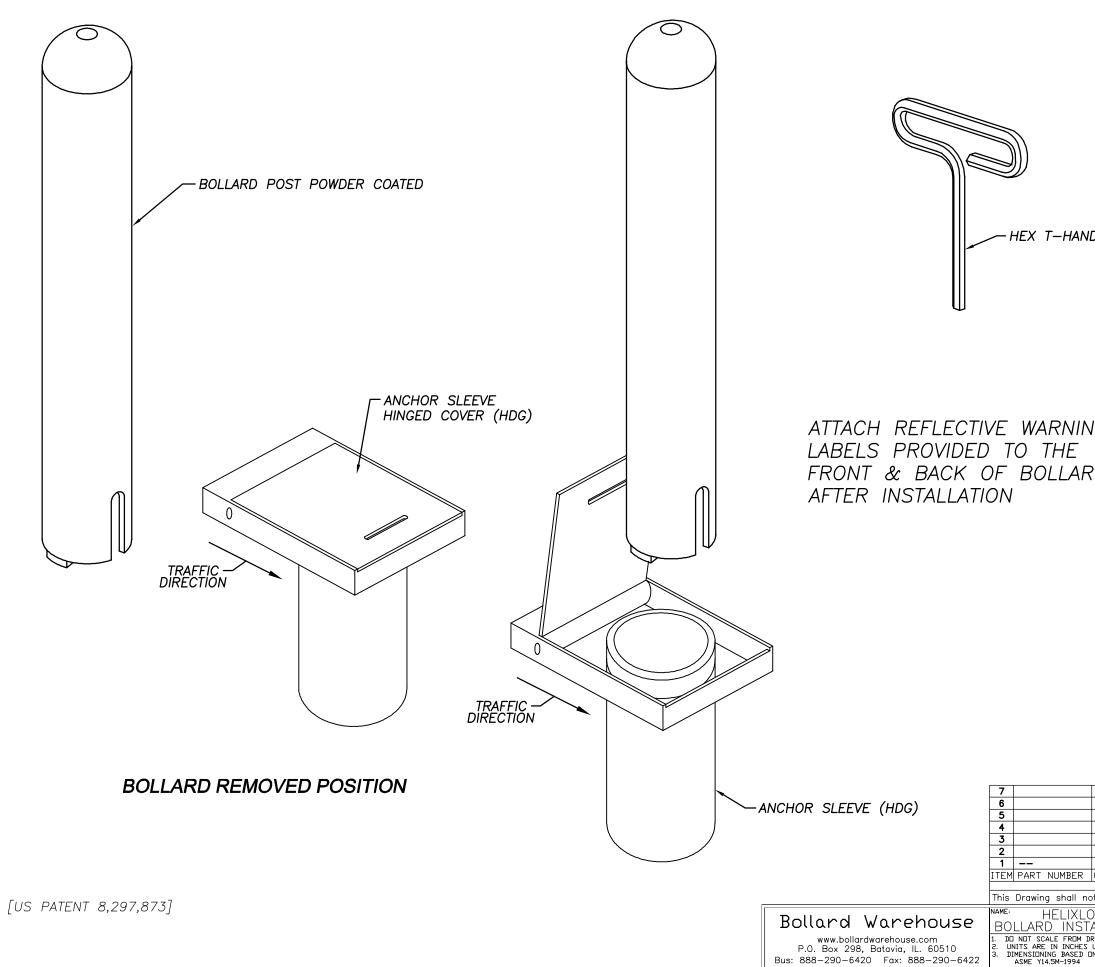


PROPER DRAINAGE IS CRITICAL to the life of the bollard and the locking system. You must keep water from standing in the hole.

IF YOU HAVE ANY CONCERNS OR QUESTIONS

before beginning the installation please call TRAFFICGUARD DIRECT 877-727-7347 TOLL FREE.

ROUND POST HELIX LOCK BOLLARD SERIES



	REV BY	DATE	ZE Job: 06-105 DESCRIPTION
		-	
IDLE WREN	NCH		FINISHED GRADE
TRAFF DIRECT		ARD II	NSTALLED POSITION
*			BILL OF MATERIAL when authorized in writing by TrafficGuard Direct.
OCK USER	1	led except	ACTION BY DRAWING NUMBER:
ALL _	0.X	= ± 0.1 X= ± 0.06	
		GULAR=± 1° ACTION=±1/16	DRAWING' DBE SCALE' DATE' 10/10/14 SIZE' CHECKED' WT' CDPYRIGHT' SHT' 1 of 1

CONSTRUCTION DATA SCHEDULE RPAS

3

Rev.

1. THE DESIGN LOAD IS A STATIC LOAD "P" APPLIED AT 27 INCHES ABOVE GRADE.

2. THE EARTH PRESSURE VALUE IS SHOWN AT DESIGN LOAD AND THE OWNER SHOULD VERIFY THAT THE EARTH IS ADEQUATE TO WITHSTAND THE NOTED EARTH DESIGN PRESSURE.

3. ANCHORAGE SYSTEMS BY OTHERS THAN TRAFFICGUARD MAY CAUSE PREMATURE FAILURE OF THE BOLLARD.

		NOTE:	CONCRET	E, FORM	ROCK	(, P	VC	DRAI	N A	ND F	REB/	٩R	PR	OVIDED	ΒY	OT	HEF	RS	
	[DESIGN	BOLLAF	RD.	EARTH		PIEF	R HT.	VER	RT. RE	BAR	HOC	ЭР	PIER	F	FREN	1CH	PIER	
	L	_OAD P	Out Dia.	Ins Dia.	"Q" MA	.Χ.	"C "	MIN.	LEÌ	NGTH	QTY	TIES	ŝ	CONCRE	TE	DRAI	Ν	"D"	
		600 #	1.910"	1.620"	992 F	PSF	42	INCH	38	INCH	3	6	EA.	6 Cu F	t	1.2	CF	8"	
	1	1200 #	2.440"	2.064"	1984 F	PSF	42	INCH	38	INCH	3	6 1	EA.	6 Cu F	t	1.2	CF	8"	
		3000 #	3.500"	3.068"	2204 F	PSF	42	INCH	38	INCH	4	61	EA.	6 Cu F	t	0.5	CF	18"	
	E	5000 #	4.500"	4.026"	4408 F	pSF	42	INCH	38	INCH	4	6 [EA.	6 Cu F	t	0.5	CF	18"	
	6	5000 #	4.500"	4.026"	2667 F	PSF	54	INCH	50	INCH	4	7 (EA.	8 Cu F	t	0.5	CF	18"	
	1	10000#	5.563"	5.047"	4444 F	PSF	54	INCH	50	INCH	4	7 [EA.	8 Cu F	t	0.5	CF	18"	
	1	10000#	5.563"	5.047"	3600 F	PSF	60	INCH	56	INCH	4	8 [EA.	9 Cu F	t	0.5	CF	18"	
	1	10000#	5.563"	5.047"	2975 F	PSF	66	INCH	62	INCH	4	8	EA.	10 Cu	Ft	0.5	CF	18"	
	1	15000#	6.625"	6.065"	3750 F	PSF	72	INCH	68	INCH	4	9 [EA.	11 Cu	Ft	0.5	CF	18"	
	1	15000#	6.625"	6.065"	3195 F	PSF	78	INCH	72	INCH	4	9 [EA.	12 Cu	Ft	0.5	CF	18"	
	1	15000#	6.625"	6.065"	3240 F	⊃SF	60	INCH	56	INCH	8	8	EA.	25 Cu	Ft	1.6	CF	30"	
	1	15000#	6.625"	6.065"	3333 F	pSF	54	INCH	50	INCH	8	7 (EA.	32 Cu	Ft	1.8	CF	36"	
THIS IS A GUIDELINE FOR ESTIMATING, SITE SPECIFIC CONDITIONS SHOULD BE VERIFIED.																			
This Drawing shall not be used nor reproduced except when authorized in writing by TrafficGuard.																			
ROUND POST BOLLARD RPAS THIRD ANGLE OC TOUL Traffic Guard R																			
ANCHORAGE SYSTEM DETAILS																			
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-	-	-										Design							Drawing Number:
-	Description											Drawn wkz Copywrite: 2010 Varies per Model RPAS-2							
Dute	IJУ			Description				Date by Description Checked wkz Dwg. Size: Letter Drawing Date: 12.10.10 Sheet: 2 o											

