

GENERAL WARNINGS AND CAUTIONARY STATEMENTS FOR REMOVABLE BOLLARDS

In order to safely and effectively use any TrafficGuard®, Inc. 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®, Inc.'s products or literature, please contact TrafficGuard®, Inc. 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®, INC. AUTHORIZED PARTS, OR MODIFICATIONS

to the TrafficGuard®, Inc. 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®, Inc. bollard product.



SUBSTITUTION OF COMPONENTS MAY IMPAIR THE PROPER FUNCTION

of TrafficGuard®, Inc. bollards products. If you need replacement parts, please contact TrafficGuard®, Inc. 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®, INC. INSTRUCTIONS.



REPLACEMENT GROUND SLEEVE FILLER PIECES ARE AVAILABLE

for purchase at TrafficGuard®, Inc. For purchase of replacement ground sleeve filler pieces or other components, please contact TrafficGuard®, Inc. 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®, Inc. 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®, Inc.

IF IN DOUBT CALL TRAFFICGUARD®, INC. 877-727-7347



INSTALLATION DETAILS

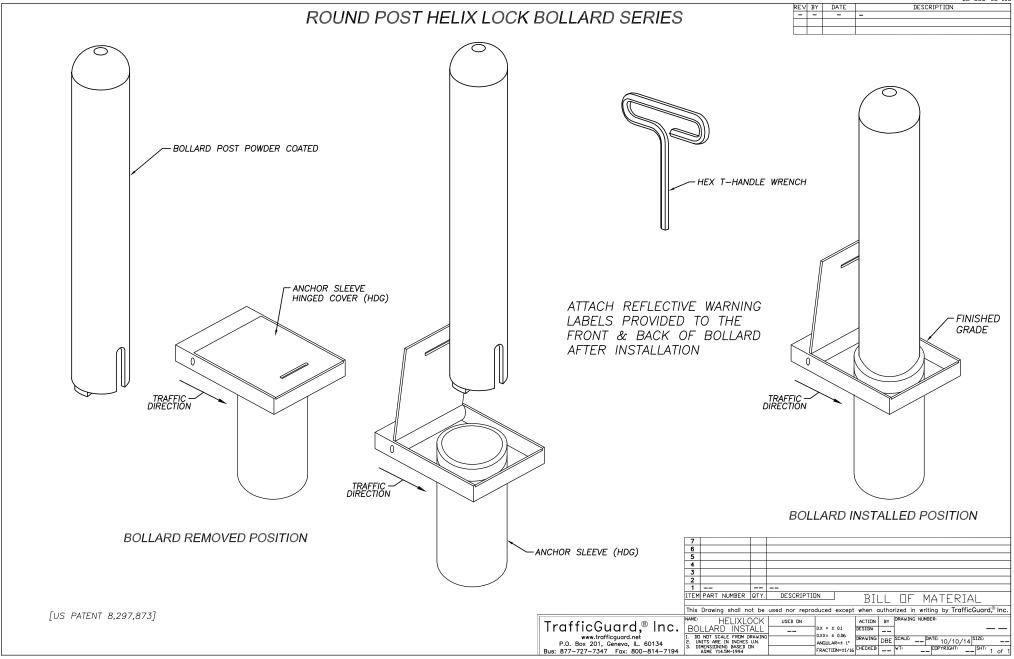
FOR RP3500 SERIES KEY LOCK REMOVABLE BOLLARDS

- NEVER ATTEMPT TO PLACE THE BOLLARD INTO THE GROUND SLEEVE WHILE IN THE LOCKED POSITION.
- PAY CAREFUL ATTENTION to the placement of the location of the ground sleeve latch pin – this determines the location of the lock at the top of the post.
- INSTALLATION OF A SMALLER FOUNDATION than that specified may reduce the overall impact capacity of the TrafficGuard, Inc. 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,[®] Inc. 877-727-7347 TOLL FREE.

ZE Job: 06-105



CONSTRUCTION DATA SCHEDULE RPAS

- 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,® INC. MAY CAUSE PREMATURE FAILURE OF THE BOLLARD.

NOTE: CONCRETE, FORM, ROCK, PVC DRAIN AND REBAR PROVIDED BY OTHERS															
DESIGN BOLLARD			EARTH		PIER HT.		VERT. REBAR		HOOP		PIER	FRENCH		PIER	
LOAD P	Out Dia.	Ins Dia.	"Q" 1	MAX.	"C"	MIN.	LE	NGTH	QTY	TIE	S	CONCRETE	DRAI	Ν	"D"
600 #	1.910"	1.620"	992	PSF	42	INCH	38	INCH	3	6	EA.	6 Cu Ft	1.2	CF	8"
1200 #	2.440"	2.064"	1984	PSF	42	INCH	38	INCH	3	6	EA.	6 Cu Ft	1.2	CF	8"
3000 #	3.500"	3.068"	2204	PSF	42	INCH	38	INCH	4	6	EA.	6 Cu Ft	0.5	CF	18"
6000 #	4.500"	4.026"	4408	PSF	42	INCH	38	INCH	4	6	EA.	6 Cu Ft	0.5	CF	18"
6000 #	4.500"	4.026"	2667	PSF	54	INCH	50	INCH	4	7	EA.	8 Cu Ft	0.5	CF	18"
10000#	5.563"	5.047"	4444	PSF	54	INCH	50	INCH	4	7	EA.	8 Cu Ft	0.5	CF	18"
10000#	5.563"	5.047"	3600	PSF	60	INCH	56	INCH	4	8	EA.	9 Cu Ft	0.5	CF	18"
10000#	5.563"	5.047"	2975	PSF	66	INCH	62	INCH	4	8	EA.	10 Cu Ft	0.5	CF	18"
15000#	6.625"	6.065"	3750	PSF	72	INCH	68	INCH	4	9	EA.	11 Cu Ft	0.5	CF	18"
15000#	6.625"	6.065"	3195	PSF	78	INCH	72	INCH	4	9	EA.	12 Cu Ft	0.5	CF	18"
15000#	6.625"	6.065"	3240	PSF	60	INCH	56	INCH	8	8	EA.	25 Cu Ft	1.6	CF	30"
15000#	6.625"	6.065"	3333	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,® Inc.								
			ROUND POST BOLLARD RPAS THIRD ANGLE PROJECTION	($\overline{\Box}$	TrafficGuard,® Inc.		
			ANCHORAGE SYSTEM DETAILS Do not scale for	rom drav	wing	Free P.O. Box 201, Geneva, IL. 60134		
3	-	_		ll .	-	Bus: 1.877.727.7347 Fax: 1.800.814.7194		
2	_	_				Dwg. Scale: nts Assembly Shipping Weight Drawing Number:		
1	_	-	-	Drawn	wkz	$_{ ext{cz}}$ Copywrite: 2010 Varies per Model RPAS -2		
Rev.	Date	by	Description	Checked	wkz	kz Dwg. Size: Letter Drawing Date:12.10.10 Sheet: 2 of 2		

