

# TRENCH FOOTING BOLLARD ANCHORAGE SYSTEM ASSEMBLY

## CONSTRUCTION DATA SCHEDULE TRENCH FOOTING

- 1.) THE DESIGN LOAD IS A STATIC LOAD "P" APPLIED AT 27" 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,<sup>®</sup> INC. MAY CAUSE PREMATURE FAILURE OF THE BOLLARD.

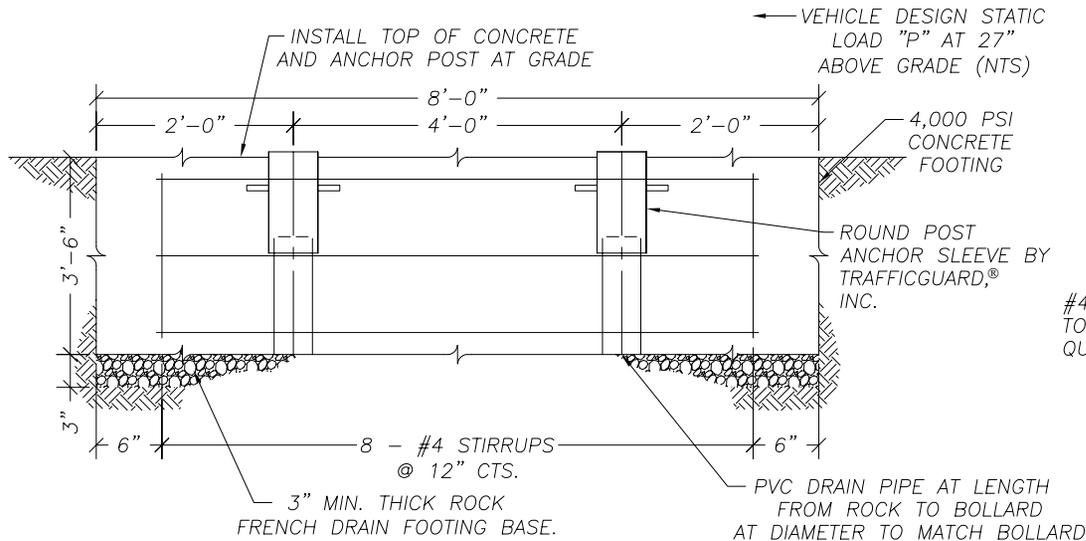
NOTE: CONCRETE, FORM, ROCK, PVC, DRAIN AND REBAR PROVIDED BY OTHERS

DESIGN LOAD P	BOLLARDS		EARTH "Q" MAX.	PIER WIDTH "W" MIN.	HORIZ. REBAR			STIRRUPS			FOOTING CONCRETE	FRENCH DRAIN
	OUT. DIA.	INS. DIA.			LENGTH	# MID -HT.	# TOP & BOTTOM	NO.	WIDTH	HEIGHT		
600 #	1.910"	1.620"	992 PSF	18 INCH	90 INCH	2	4	8 EA.	14 IN.	38 IN.	1.6 CU. YD.	3 CU. FT.
1200 #	2.440"	2.064"	1984 PSF	18 INCH	90 INCH	2	4	8 EA.	14 IN.	38 IN.	1.6 CU. YD.	3 CU. FT.
3000 #	3.500"	3.068"	2204 PSF	18 INCH	90 INCH	2	4	8 EA.	14 IN.	38 IN.	1.6 CU. YD.	3 CU. FT.
6000 #	4.500"	4.026"	4408 PSF	18 INCH	90 INCH	2	4	8 EA.	14 IN.	38 IN.	1.6 CU. YD.	3 CU. FT.
6000 #	4.500"	4.026"	2667 PSF	18 INCH	90 INCH	2	4	8 EA.	14 IN.	38 IN.	1.6 CU. YD.	3 CU. FT.
10000 #	5.563"	5.047"	4444 PSF	18 INCH	90 INCH	2	4	8 EA.	14 IN.	38 IN.	1.6 CU. YD.	3 CU. FT.
10000 #	5.563"	5.047"	3600 PSF	18 INCH	90 INCH	2	4	8 EA.	14 IN.	38 IN.	1.6 CU. YD.	3 CU. FT.
10000 #	5.563"	5.047"	2975 PSF	24 INCH	90 INCH	2	4	8 EA.	20 IN.	38 IN.	2.1 CU. YD.	4 CU. FT.
15000 #	6.625"	6.065"	3750 PSF	42 INCH	90 INCH	2	6	8 EA.	38 IN.	38 IN.	3.6 CU. YD.	7 CU. FT.
15000 #	6.625"	6.065"	3195 PSF	48 INCH	90 INCH	2	6	8 EA.	44 IN.	38 IN.	4.2 CU. YD.	8 CU. FT.
15000 #	6.625"	6.065"	3240 PSF	48 INCH	90 INCH	2	6	8 EA.	44 IN.	38 IN.	4.2 CU. YD.	8 CU. FT.
15000 #	6.625"	6.065"	3333 PSF	48 INCH	90 INCH	2	6	8 EA.	44 IN.	38 IN.	4.2 CU. YD.	8 CU. FT.

THIS IS A GUIDELINE FOR ESTIMATING, SITE SPECIFIC CONDITIONS SHOULD BE VERIFIED.

TrafficGuard, <sup>®</sup> Inc. www.trafficguard.net P.O. Box 201, Geneva, IL. 60134 Bus: 877-727-7347 Fax: 800-814-7194	DRAWING NUMBER:	
	TRENCH FOOTING	
	DATE: 06-15-12	
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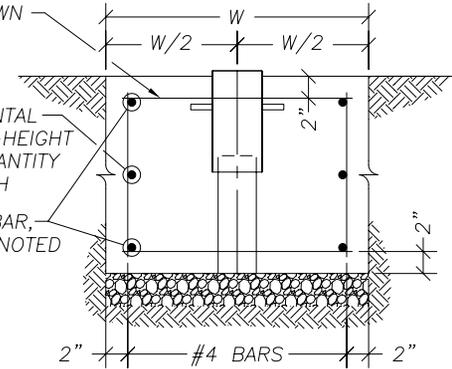
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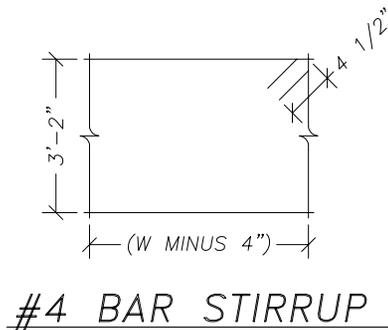
TRENCH FOOTING ELEVATION

#4 REBAR STIRRUP TIES AT THE NOTED FOOTING WIDTH MINUS 4" WITH 12" SPACING INSTALLED AT 2" CLEAR FROM TOP & BOTTOM OF FOOTING AS SHOWN

#4 HORIZONTAL REBAR AT MID-HEIGHT AT NOTED QUANTITY & LENGTH  
 #4 HORIZONTAL REBAR, TOP & BOTTOM AT NOTED QUANTITY & LENGTH



END VIEW



NOTE: REFER TO SHEET 1 OF 2 FOR THE ANCHORAGE SYSTEM DIMENSIONS, DESIGN LOADS, REBAR SIZE, QUANTITIES, AND EARTH PRESSURES.  
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