

PER: ASTM 2656-07, SPECIFICALLY 7.2.2.
 THE FOUNDATION SHALL BE POURED ON UNDISTURBED SOIL, OR CONTROLLED AND COMPACTED FILL TO A DENSITY OF NOT LESS THAN 90% MAXIMUM DRY DENSITY IN ACCORDANCE WITH TEST METHODS D1556 AND D2922 AND AASHTO METHOD OF TEST T099.

SIDES OF FOUNDATION SHALL BE FORMED IN EXCAVATED MATL., IF POSSIBLE. OTHERWISE, SIDEWALLS SHALL BE FORMED WITH INDICATED DIMENSIONS. ALL BACKFILL MATERIAL AND REPLACEMENT METHODS MUST COMPLY WITH STATED CODES LISTED ABOVE.

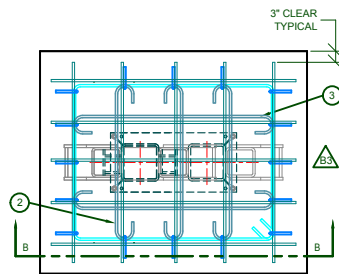
INSTALL REBAR ITEMS 4, 5, AND 6 WITH FIRST 6" CONC. LEVELING PAD POUR, BEFORE INSERTING THE STEEL BOLSTER ASSEMBLY AND FINAL REBAR.

ALL CONCRETE SHALL BE A CONTROLLED STONE GRAVEL MIX PRODUCED, TESTED, TRANSPORTED, PROTECTED, AND PLACED IN ACCORDANCE WITH THE LATEST AMERICAN CONCRETE INSTITUTE RECOMMENDATIONS. FOLLOW ACI RECOMMENDATIONS FOR CURING AND MIX DESIGN WITH CONSIDERATION FOR CLIMATE AND CONDITIONS.

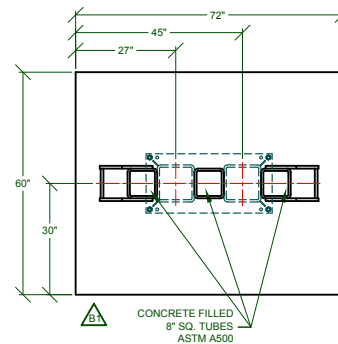
OPTIMUM CONCRETE MIX: 4000 PSI COMPRESSIVE STRENGTH.
 MINIMUM 600 LB./CU. YD. CEMENT CONTENT
 MAXIMUM 0.50 WATER CONTENT.
 6% AIR CONTENT
 4" SLUMP

REINFORCING STEEL SHALL BE DEFORMED BARS (ASTM A-615) WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI.

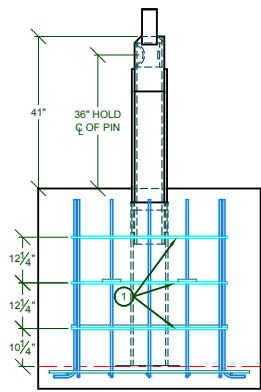
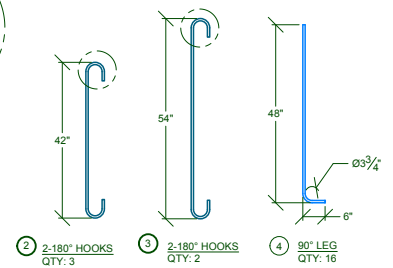
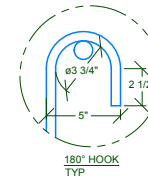
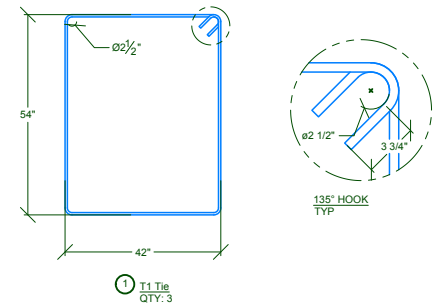
CHAMFER ALL EXPOSED CONCRETE EDGES 3/4".



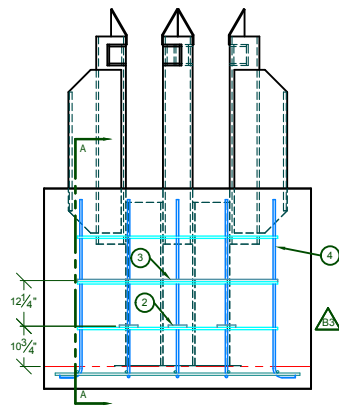
REINFORCEMENT PLAN
 SCALE: NTS



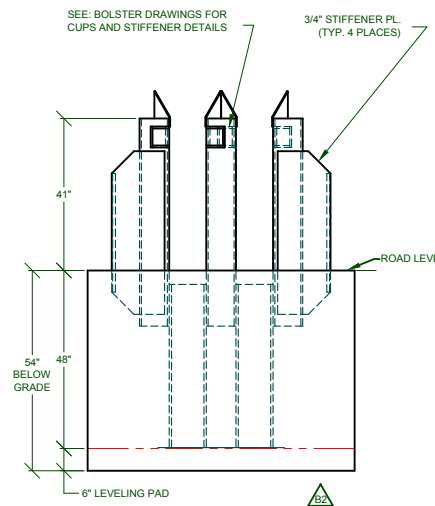
PLAN VIEW
 SCALE: NTS



REINFORCEMENT SECTION "A-A"
 SCALE: NTS



REINFORCEMENT SECTION "B-B"
 SCALE: NTS



ELEVATION VIEW
 SCALE: NTS

DO NOT SCALE					NOTICE		Date: 12/27/12
Rev.:	Revisions:	Date:	Drn By:	Ckd. By:	THE INFORMATION CONTAINED ON THIS DOCUMENT IS CONFIDENTIAL. ANY DISSEMINATION, UNAPPROVED DISCLOSURE OR COPYING OF THIS INFORMATION IS STRICTLY PROHIBITED.		Drn. By: SLD
B3	Changed the rebar style	1/8/13	SLD	KLL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGLES ± 1° XX ± .10Z, .XX ± .01, .XXX ± .005		Ckd. By:
B2	Changed leveling pad from 3" to 6"	10/10/12	SLD	KLL			Dwg.: M-30 FOUNDATION-3Post-Yoke End.dwg
B1	Changed pad shape	10/10/12	SLD	KLL			Title: M-30 SHIELD Crash Gate Foundation - 3 Post Yoke
A	Revised - Engineered K4 Crash Foundation Details	12/22/08	MS				

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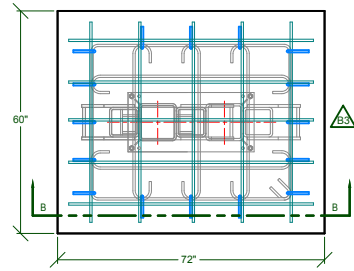
INSTALL REBAR ITEMS 4, 5, AND 6 WITH FIRST 6" CONC. LEVELING PAD FOUR,
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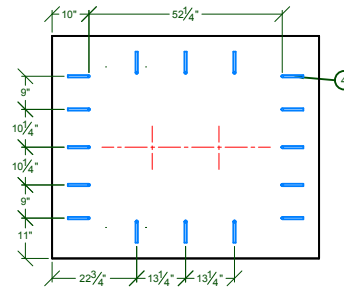
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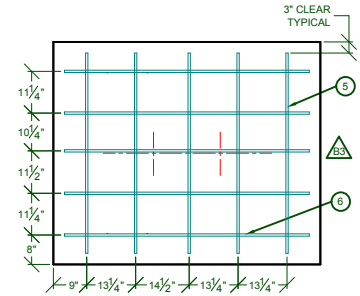
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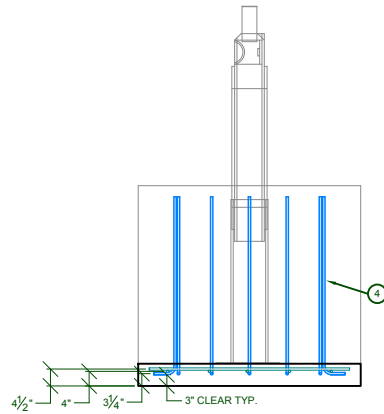
REINFORCEMENT PLAN
 SCALE: NTS



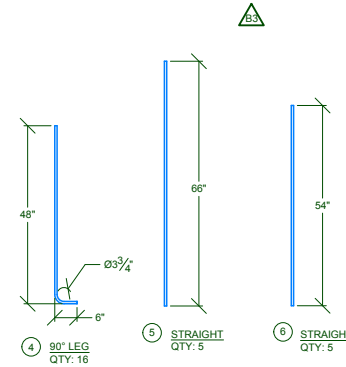
LEVELING PAD - 90° LEGS
 SCALE: NTS
 (PLACEMENT OF 90° LEGS)



LEVELING PAD - # REBAR
 SCALE: NTS
 APPROXIMATE LOCATION OF #5 REBAR
 IN BOTH DIRECTIONS



**LEVELING PAD
 REINFORCEMENT PLAN SECTION**
 SCALE: NTS



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