





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 MAT'L., 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 5, 6, AND 7 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".





Rev.:	Revisions:	Date:	Drn.By:	Ckd. By:	Rev.:	Revisio
F	STRAIGHT REBAR #5 WAS 94" LG. & #6 WAS 58" LG.	07/18/14	MKS	EGS	С	Changed the rebar style from T1 to
E	ADDED NOTE THAT ALL REBAR IS TO BE #5	12/12/13	MKS	DMR	B3	Changed the rebar style
D	R/H in titleblock was wrong - corrected the hand to L/H	10/02/13	MKS	DMR	B2	Changed leveling pad from 3" to 6"
C2	Changed location of Item 7 hook	1/28/13	SLD	KLL	B1	Changed pad shape
C1	Added rebar hook	1/28/13	SLD	KLL	A	Revised - Engineered K4 Crash Fo

Title: M-30 SHIELD Crash Gate Foundation-OperEnd ANGLES ± 1° oundation Details 12/22/08 MKS DMR X/X ± 1/32, .XX ± .01, .XXX ± .005 TOGATEINC.LOCAL\SHARES\USERS\BFRITZ2\DOCUMENTS\DOCUMENTS\AUTOGATE SPEC TECH AND VIDEO\CRASH GATE DRAWINGS\M30\M30 STD FOUNDATION FOR WEBSITE\M-30 FOUNDATION-OPEREND.DWG

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REINFORCEMENT SECTION "A-A" SCALE: NTS



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REINFORCEMENT PLAN SCALE: NTS







REINFORCEMENT SECTION "A-A"

SCALE: NTS





REINFORCEMENT SECTION "B-B"

SCALE: NTS

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