

REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)						
COLD FORM BARS TO INSIDE DIMENSIONS		A B				
SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT
ST1	20	#8	FOOTERS, LATERAL	138.00		614
ST2	2	#5	ENDS, LATERAL	138.00		24
ST2	20	#5	APPROACHES, LATERAL	138.00		239
ST3	24	#5	APPROACHES, LONG.	114.00		237
LI	22	#5	APPROACH TO END TIES	26.00	30.00	107

LI GIVEN WITH NO RISER BASEPLATES.  
DIMENSION "B" WILL VARY WITH THE ACTUAL  
HEIGHT OF RISERS USED, AS FOLLOWS:

	"B"
20 RISERS	30
50 RISERS	33
60 RISERS	36

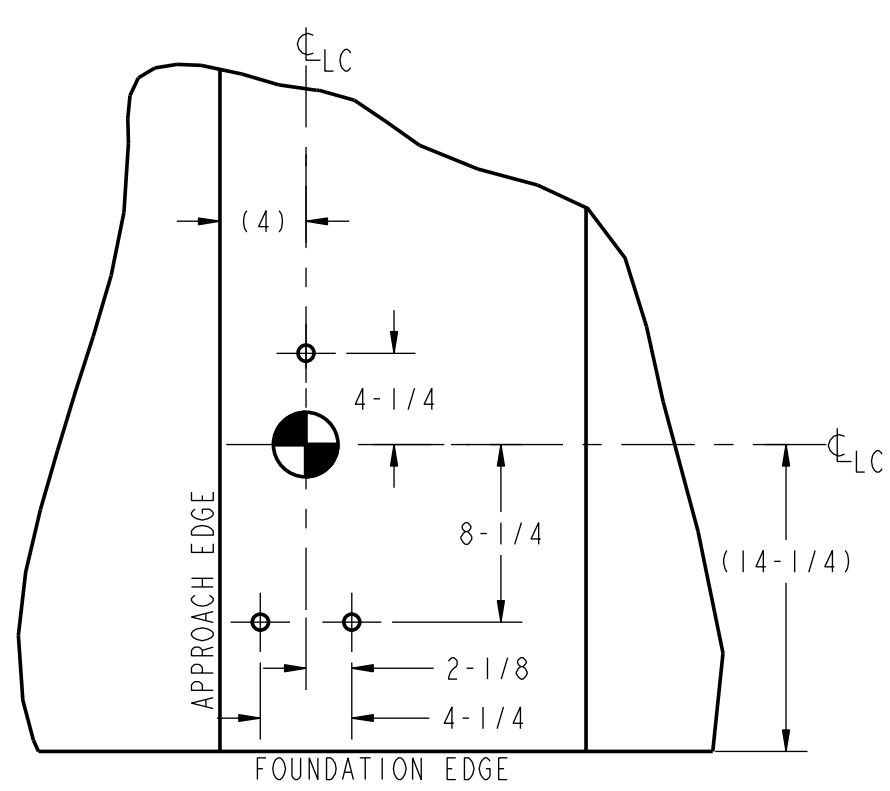
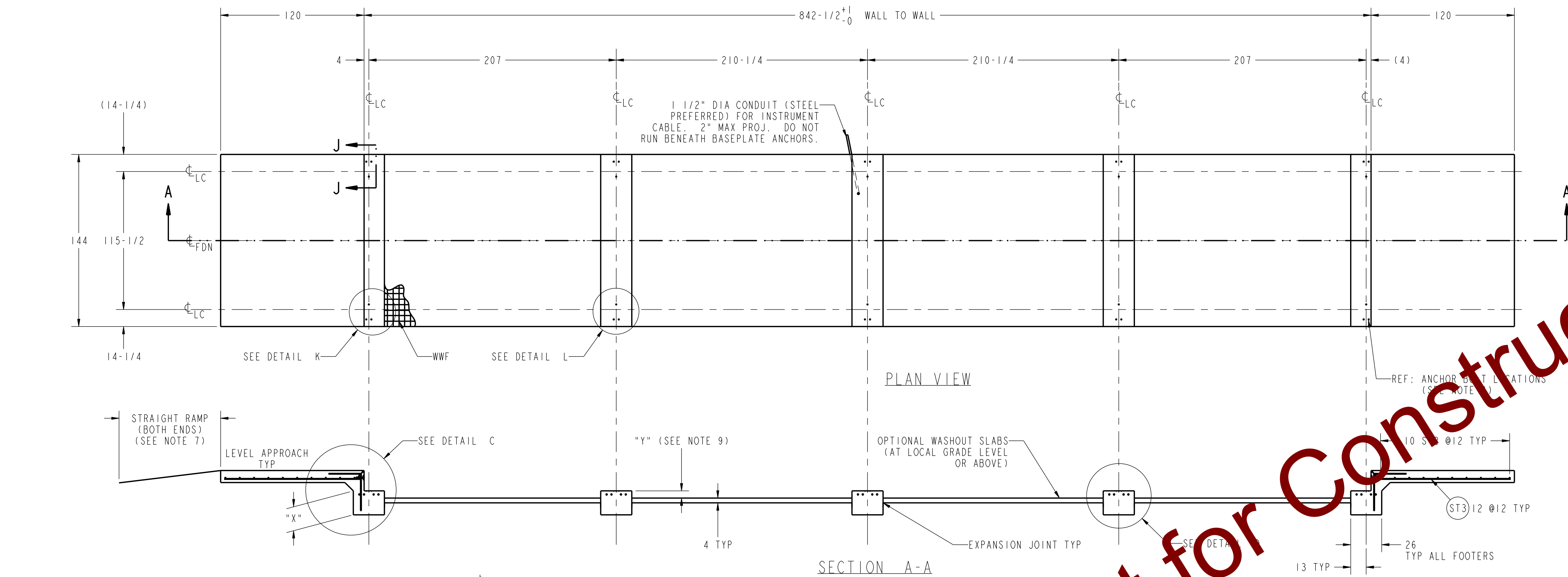
MATERIAL SUMMARY * (INCLUDES FOOTERS & APPROACHES) (ASSUMES NO RISERS)	FOOTER DEPTH: "X" INCHES (20 INCH MINIMUM)				
	20	32	44	56	68
CONCRETE (CU. YDS.)	16	21	26	30.5	35.5
REINFORCING STEEL (LBS)	1221				

\* IF OPTIONAL WASHOUT SLABS ARE USED, ADD  
735 SQ. FT. OF WWF: 6x6-W1.4xW1.4  
9 CU. YD. OF CONCRETE.

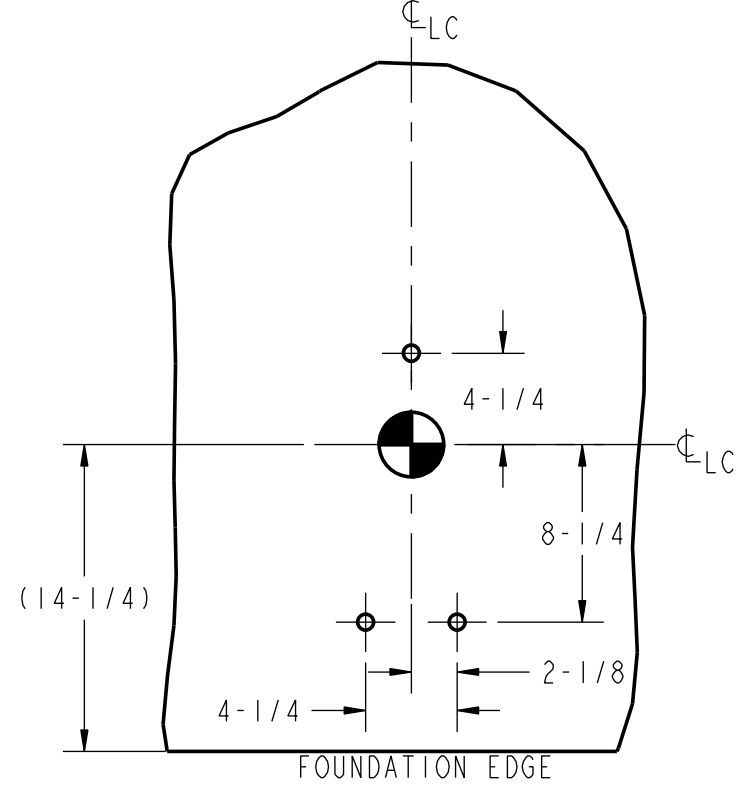
#### NOTES:

- 1) USE MINIMUM 3000 PSI STRENGTH CONCRETE AT 28 DAYS WITH 5-7% AIR ENTRAINMENT.
- 2) USE MINIMUM 60KSI YIELD DEFORMED REINFORCING STEEL. REBAR MINIMUM DEPTH OF COVER SHOULD BE IN ACCORDANCE WITH THE LATEST ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-SECTION 7.7), UNLESS OTHERWISE SPECIFIED.
- 3) FOUNDATION REQUIRES 2500 PSF RATED SOIL.
- 4) TOP OF CONCRETE AT BASEPLATE LOCATIONS TO BE LEVEL AND IN ONE PLANE  $\pm 1/8"$ .
- 5) IMPORTANT: DIAGONAL MEASUREMENTS ENDWALL TO ENDWALL MUST BE EQUAL WITHIN  $1/2"$ .
- 6) BASEPLATE ANCHORS SUPPLIED BY METTLER TOLEDO. USE BASEPLATES AS TEMPLATES TO LOCATE ANCHORS DURING SCALE INSTALLATION.
- 7) RAMP LENGTH: -PER LOCAL REGULATIONS  
-1/2" SLOPE PER FOOT TYPICAL
- 8) BOTTOM OF FOOTERS MUST BE BELOW LOCAL FROSTLINE.
- 9) FOOTER HEIGHT "Y" CAN BE VARIED TO SUIT LOCAL CLEARANCE REQUIREMENTS. TOP OF FOOTER AT GRADE LEVEL (i.e. FLUSH WITH WASHOUT SLABS) PROVIDES STANDARD 5-1/2" CLEARANCE BETWEEN BOTTOM OF WEIGHBRIDGE AND WASHOUT SLABS.
- 10) OPTIONAL: 6" OF GRAVEL MAY BE USED UNDER APPROACHES TO IMPROVE DRAINAGE. REFER TO LOCAL BUILDING CODES FOR BASE REQUIREMENTS.
- 11) CONTRACTOR SUPPLIES:
  - EXCAVATION
  - REINFORCING STEEL
  - CURB ANGLE ASSEMBLIES (DETAIL C)
  - BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)
  - CONCRETE AND FORMS
  - 1 1/2" DIA CONDUIT (STEEL PREFERRED)

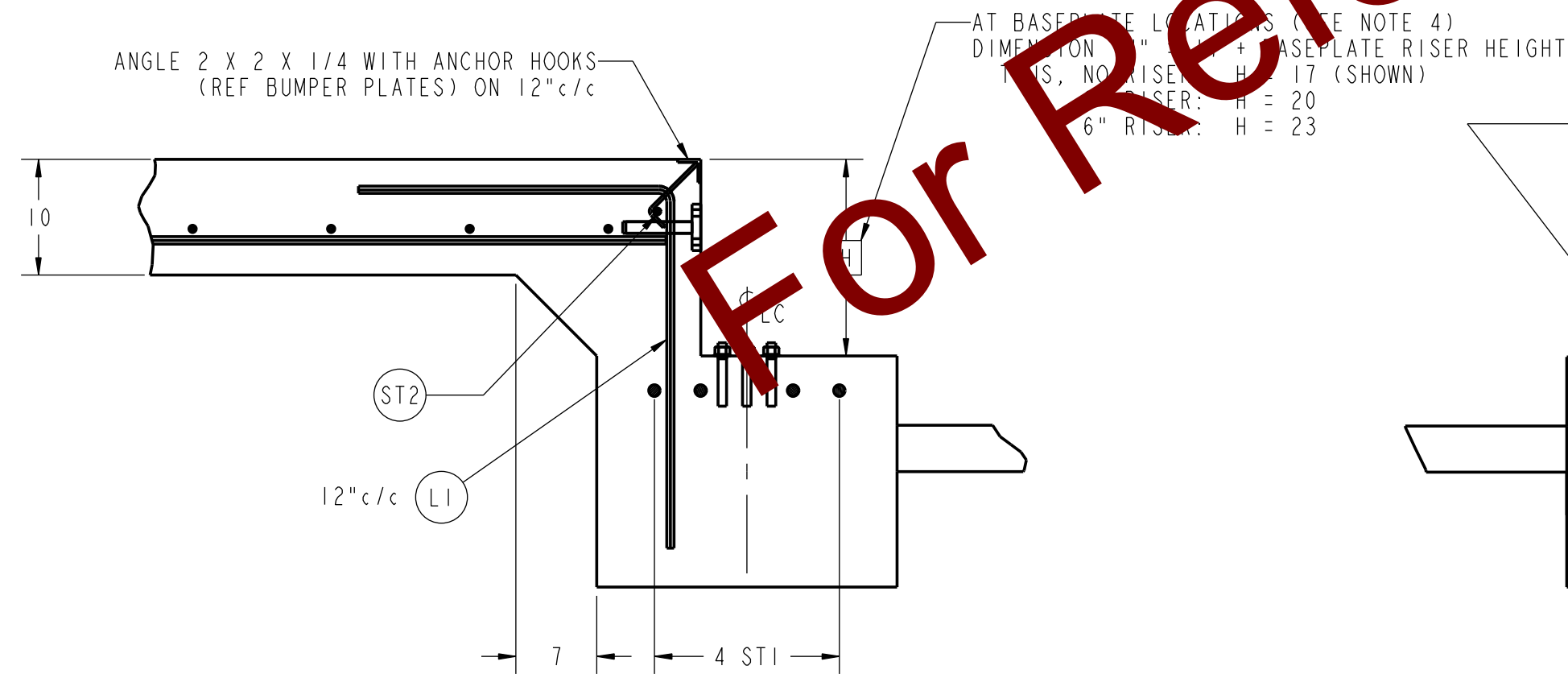
REV	CHANGE		BY	DATE	SCALE	0.020	METTLER TOLEDO
A	NOTE 9 STANDARD CLEARANCE WAS 5" NOW 5-1/2"		BJE	03/03/10	DATE	12/17/09	
B	DRAWING NUMBER WAS TC207981		JSM	01/30/13	DRN	JLB APPD ADF	
					TITLE VTS10X FOUNDATION, VARIABLE FOOTER, 70' X 11', WITH RISER OPTIONS		
					UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE: FRACTIONAL DECIMAL ANGULAR .X ±.1 .X ±.1° .XX ±.02 .X ±.5° .XXX ±.005		
					THIS PRINT IS FURNISHED WITH THE UNDERSTANDING THAT THE ESSENCE THEREOF WILL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN AUTHORIZATION OF METTLER-TOLEDO, LLC. ALL DESIGNS ARE THE PROPERTY OF METTLER-TOLEDO, LLC. AND WILL BE PROTECTED BY PATENTS.		
					61800085		
					REV		
					B		



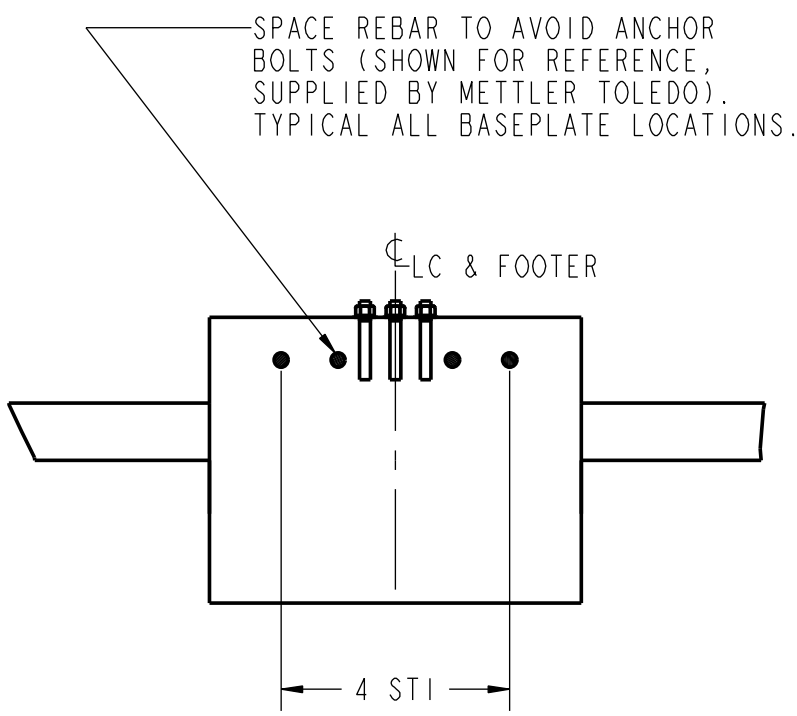
DETAIL K  
SCALE 0.125  
ANCHOR BOLT LOCATIONS - TYP END FOOTER  
(OTHER SIDE IS OPPOSITE)



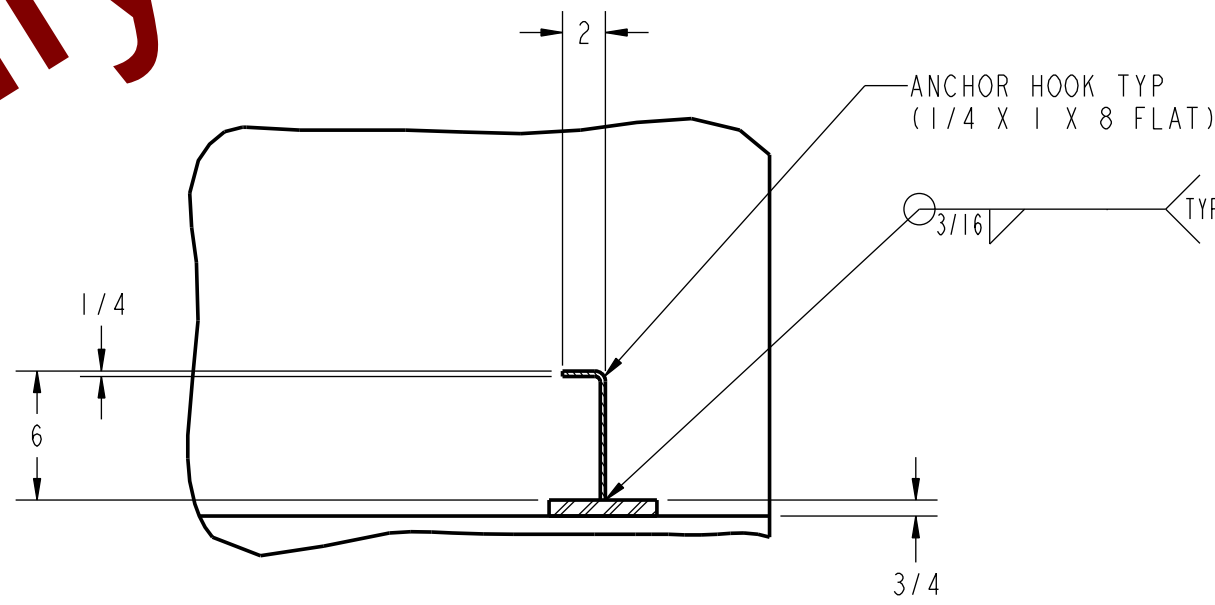
DETAIL L  
SCALE 0.125  
ANCHOR BOLT LOCATIONS - TYP MIDDLE FOOTER  
(OTHER SIDE IS OPPOSITE)



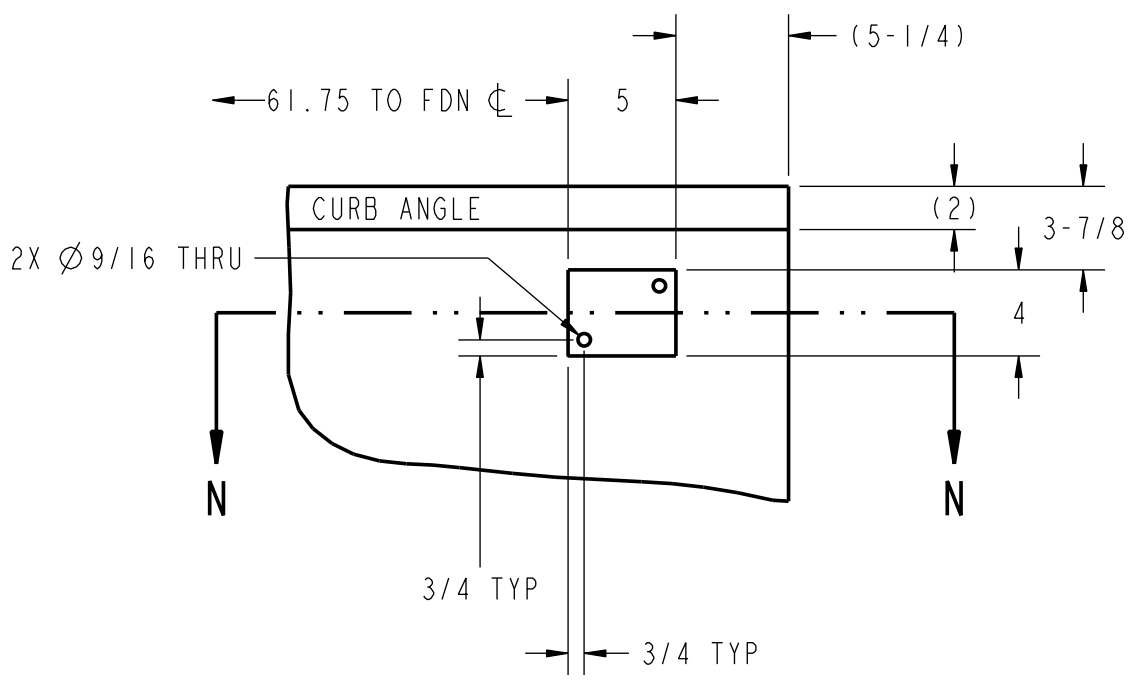
DETAIL C  
SCALE 0.083  
(TYPICAL END)



DETAIL D  
SCALE 0.083  
(TYP SINGLE BASEPLATE FOOTER)



SECTION N-N



SECTION J-J

SCALE 0.125  
BUMPER PLATE ASSY'S: TWO EACH END.  
MATERIAL: H.R. STEEL (BY OTHERS).