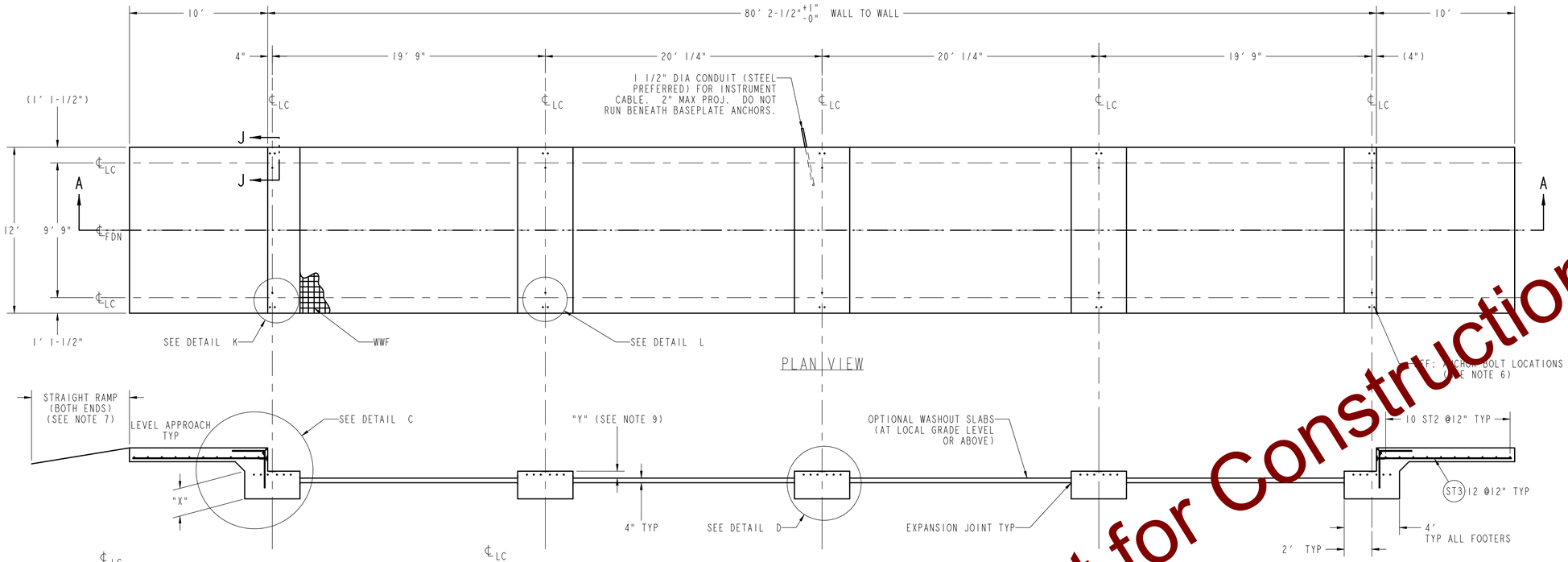
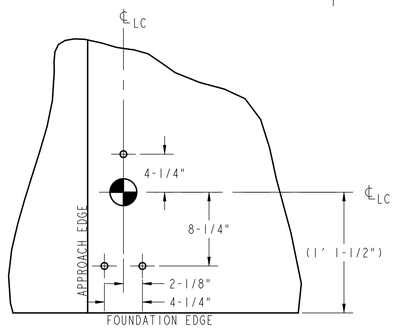
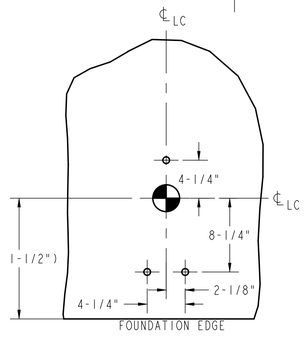
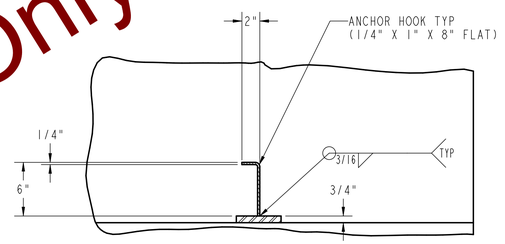




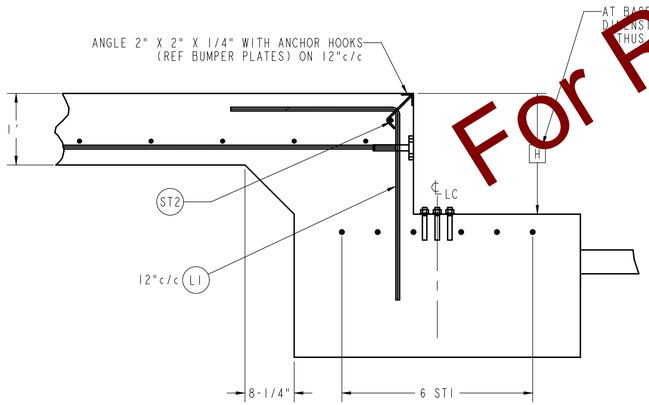
DETAIL K
SCALE 0.125
ANCHOR BOLT LOCATIONS - TYP END FOOTER
(OTHER SIDE IS OPPOSITE)



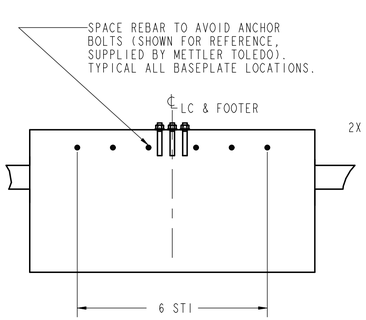
DETAIL L
SCALE 0.125
ANCHOR BOLT LOCATIONS - TYP MIDDLE FOOTER
(OTHER SIDE IS OPPOSITE)



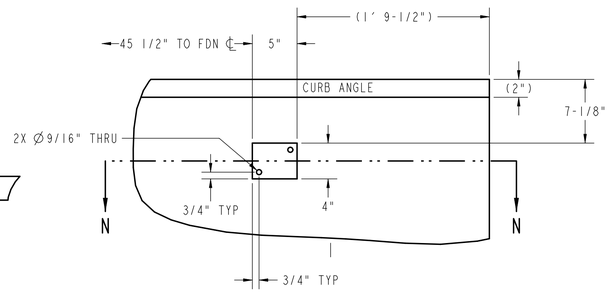
SECTION N-N



DETAIL C
SCALE 0.083
(TYPICAL END)



DETAIL D
SCALE 0.083
(TYP SINGLE BASEPLATE FOOTER)



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

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	30	#6	FOOTERS, LATERAL	138.00		518
ST2	2	#5	ENDS, LATERAL	138.00		24
ST2	20	#5	APPROACHES, LATERAL	138.00		239
ST3	24	#5	APPROACHES, LONG.	114.00		237
L1	22	#5	APPROACH TO END TIES	27.00	31.00	111

L1 GIVEN WITH NO RISER BASEPLATES. DIMENSION "B" WILL VARY WITH THE ACTUAL HEIGHT OF RISERS USED, AS FOLLOWS:

	"B"
NO RISERS	31"
3" RISERS	34"
6" RISERS	37"

MATERIAL SUMMARY * (INCLUDES FOOTERS & APPROACHES) (ASSUMES NO RISERS)	FOOTER DEPTH: "X" INCHES (24 INCH MINIMUM)				
	24	36	48	60	72
CONCRETE (CU. YDS.)	28	37	46	55	63.5
REINFORCING STEEL (LBS)	1129				

* IF OPTIONAL WASHOUT SLABS ARE USED, ADD
775 SQ. FT. OF WWF: 6x6_W1.4xW1.4
9.5 CU. YD. COCNRETE

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 ±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 10" 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
A	UPDATED HEIGHT NOTE IN DETAIL C	KRS	11/02/10
B	DIMS CONVERTED FROM INCHES TO FEET		
	UPDATED DWG TO N109 WAS [TC208424]	NLD	05/05/17

SCALE 0.020
DATE 7/23/10
DRN KRS APPD JLB

METTLER TOLEDO

TITLE VTC10X FOUNDATION, VARIABLE FOOTER, 80′ X 11′, WITH RISER OPTIONS

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:
FRACTIONAL ±1/16 DECIMAL .X ±.1 .XX ±.02 .XXX ±.005 ANGULAR X ±1° .X ±.5°

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TC208424 REV B

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