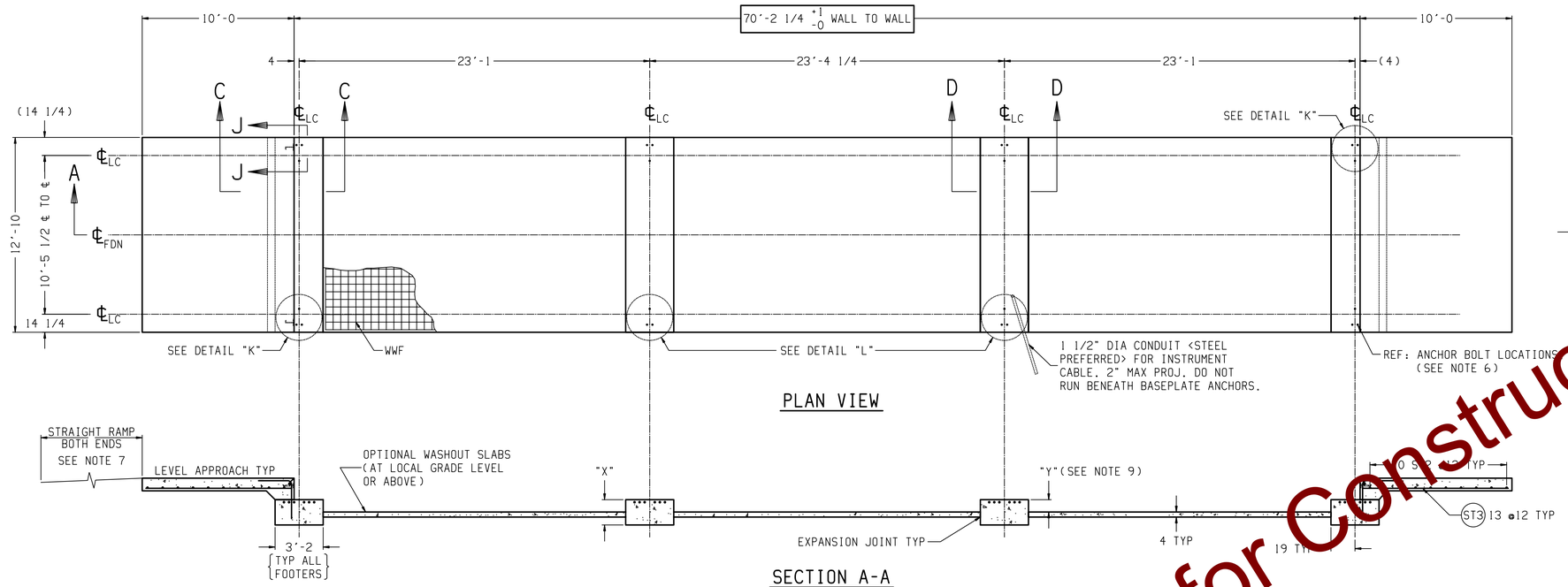


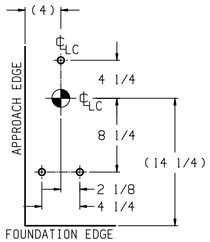
REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)						
COLD FORM BARS TO INSIDE DIMENSIONS				A / B		
SYM	QTY	SIZE	LOCATION. DIRECTION	A	B	WGT
ST1	24	#8	FOOTERS. LATERAL	12'-4		791
ST2	2	#5	ENDS. LATERAL	12'-4		26
	20		APPROACHES. LATERAL			258
ST3	26	#5	APPROACHES. LONG.	9'-6		258
L1	26	#5	APPROACH TO END TIES	2'-2	2'-6	127

L1 GIVEN WITHOUT RISER BASEPLATES
DIMENSION "B" WILL VARY WITH THE ACTUAL HEIGHT OF RISERS USED. AS FOLLOWS:

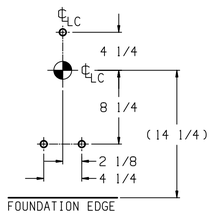
	L1
NO RISERS	2'-6
3" RISERS	2'-9
6" RISERS	3'-0

MATERIAL SUMMARY* (INCLUDES FOOTERS & APPROACHES) (ASSUMES NO RISERS)	FOOTER DEPTH: "X" INCHES (20 INCH MINIMUM)				
	20	32	44	56	68
CONCRETE (CU. YDS.)	19	25	31	37	43
REINFORCING STEEL (LBS)	1460				

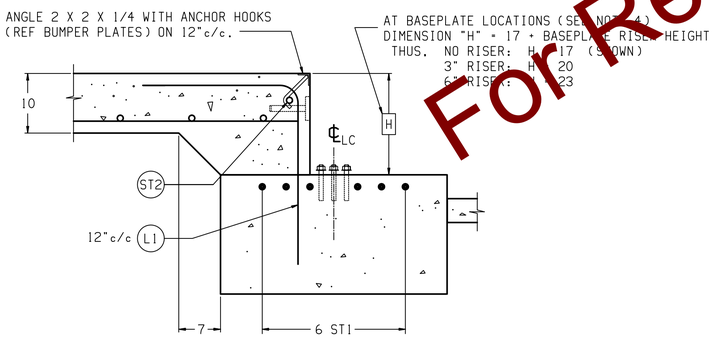
*IF OPTIONAL WASHOUT SLABS ARE USED. ADD
775 SQ. FT. OF WWF: 6x6_W1.4xW1.4
10 CU. YD. OF CONCRETE.



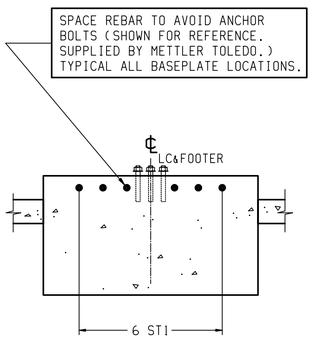
DETAIL "K"
SCALE: 1/8
ANCHOR BOLT LOCATIONS
(OTHER SIDE IS OPPOSITE)



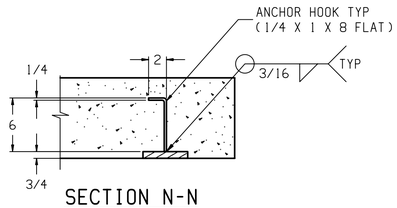
DETAIL "L"
SCALE: 1/8
ANCHOR BOLT LOCATIONS
(OTHER SIDE IS OPPOSITE)



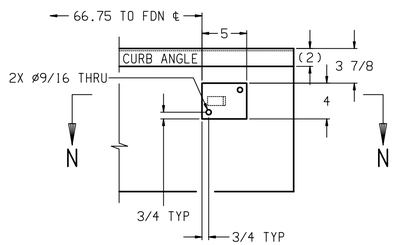
SECTION C-C
SCALE 1/12
(TYP END)



SECTION D-D
SCALE 1/12
(TYP SINGLE BASEPLATE FOOTER)



SECTION N-N



VIEW J-J
SCALE: 1/8
BUMPER PLATE ASSY'S: TWO EACH END.
MATERIAL: H.R. STEEL. (BY OTHERS).

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) DIAGONAL MEASUREMENTS ENDWALL TO ENDWALL MUST BE EQUAL WITHIN 1/2". THIS IS VERY IMPORTANT! SCALE INSTALLATION WILL BE DIFFICULT IF NOT IMPOSSIBLE IF SQUARENESS IS NOT HELD TO THIS TOLERANCE.
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 FOOTER 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 6-1/2" 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 -CONCRETE AND FORMS
   -REINFORCING STEEL -1 1/2" DIA CONDUIT
   -CURB ANGLE ASSEMBLIES (STEEL PREFERRED)
   (SECT C-C)
   -BUMPER PLATE ASSEMBLIES
   (VIEWS J-J & N-N)

REV	CHANGE	BY	DATE

SCALE .02
DATE 8/03/16
DRN KRS APPD ADF

METTLER TOLEDO

TITLE
VTS10X FND VF 70x11f+10 3-MOD W/RSR

UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS ARE IN INCHES. AND DIMENSIONAL TOLERANCES ARE:
FRACTIONAL ±1/32 DECIMAL .XX ±.02 .XXX ±.005 ANGULAR ±.5°

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