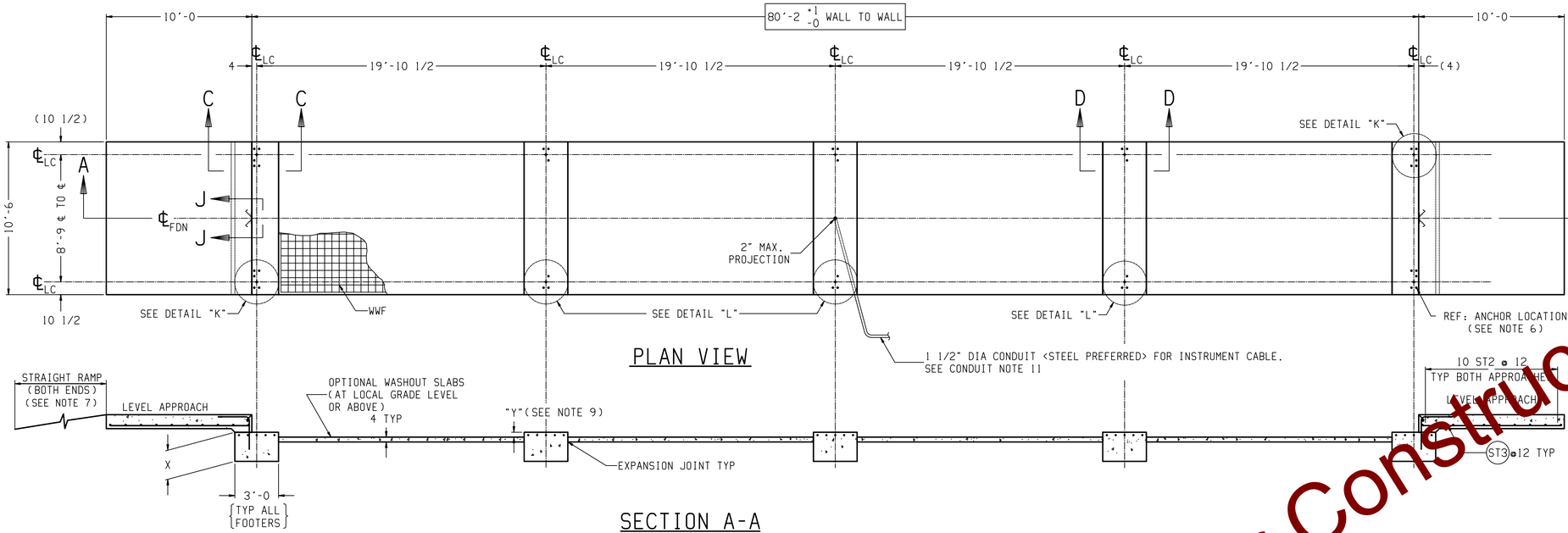
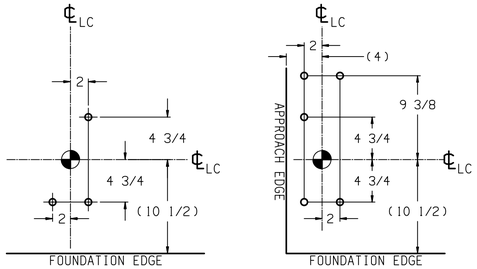


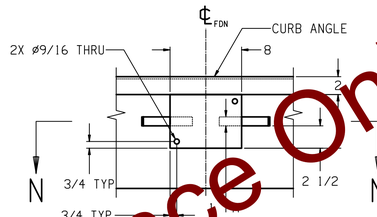


DETAIL "L"

ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)

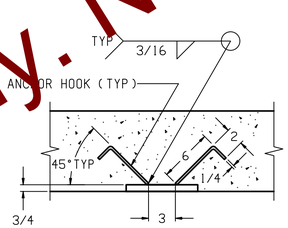
DETAIL "K"

ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)

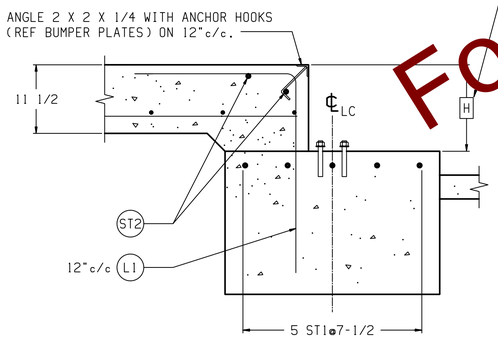


VIEW J-J

SHIPPED PLATE ASSY'S (ONE EACH END)
MATERIAL: H.R. STEEL (BY OTHERS).

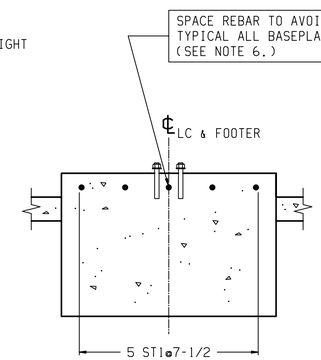


SECTION N-N



SECTION C-C

SCALE: 1/12
(TYPICAL END)



SECTION D-D

SCALE: 1/12
(TYP SGL BASEPL FOOTER)

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	25	#6	FOOTERS. LATERAL	10'-0		376
ST2	4	#5	ENDS. LATERAL	10'-0		42
	20		APPROACHES. LATERAL			209
ST3	20	#5	APPROACHES. LONG.	9'-6		198
L1	20	#5	APPROACH TO END TIES	2'-3	2'-3	94

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

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

MATERIAL SUMMARY* (INCLUDES FOOTERS & APPROACHES)	FOOTER DEPTH: "X" INCHES (24 INCH MINIMUM)				
	24	36	48	60	72
CONCRETE (CU. YDS.)	21	27	32	38	44
REINFORCING STEEL (LBS)	919				

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

NOTES:

1) USE MINIMUM 3500 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".
6) BASEPLATES ANCHOR TO BE 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. IF LOCAL FROSTLINE IS UNKNOWN. REFER TO DRAWING TA201033 (U.S. WEATHER BUREAU FROST PENETRATION AVERAGES).
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 3" CLEARANCE BETWEEN BOTTOM OF WEIGHBRIDGE AND WASHOUT SLABS.
10) OPTIONAL: 6" OF GRAVEL MAY BE USED UNDER APPROACHES TO IMPROVE DRAINAGE.
11) CONDUIT LOCATIONS MAY VARY BASED ON APPLICATION, AS LONG AS IT DOES NOT INTERFERE WITH BASE PLATE OR ANCHOR LOCATIONS. ON ABOVE GROUND INSTALLATIONS. THE CONDUIT MAY BE RUN ALONG THE SIDE OF THE FOUNDATION. PLEASE CHECK FOR LOCAL CODE REQUIREMENTS REGARDING CONDUIT PLACEMENT.
12) CONTRACTOR SUPPLIES:
-EXCAVATION -CONCRETE AND FORMS
-REINFORCING STEEL -1 1/2" DIA CONDUIT
-CURB ANGLE ASSEMBLIES -BUMPER PLATE ASSEMBLIES
(SECT C-C) (VIEWS J-J & N-N)

For Reference Only. Not for Construction.

REV	CHANGE	BY	DATE
A	ST5 & L1 QTY WERE 24	HBW	06/14/00
B	ADDED VTS231. PDX DETAILS. RSR. CONDUIT NOTE	KRS	06/14/10

SCALE .02
DATE 03/15/00
DRN MDP APPD

METTLER TOLEDO

TITLE VTS231/7562C FOUNDATION.VARIABLE FOOTER 80' X 10'. W/ RISER OPTION

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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TC203723 REV B