

REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)						
COLD FORM BARS TO INSIDE DIMENSIONS			A			
SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT
ST1	16	#8	FOOTERS, LATERAL	124.00		441
ST2	2	#5	ENDS, LATERAL	124.00		21
ST2	20	#5	APPROACHES, LATERAL	124.00		215
ST3	22	#5	APPROACHES, LONG.	114.00		217
L1	22	#5	APPROACH TO END TIES	26.00	30.00	107

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

	"B"
20 RISERS	30
5 RISERS	33
6 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.)	13	16.5	20	23.5	27
REINFORCING STEEL (LBS)	1001				

* IF OPTIONAL WASHOUT SLABS ARE USED, ADD
580 SQ. FT. OF WWF: 6x6-W1.4xW1.4
7.5 CU. YD. 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	DATE 12/8/10	DRN JLB APPD ADF	TITLE VTS10X FOUNDATION, VARIABLE FOOTER, 60' X 9'10", WITH RISER OPTIONS	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE: FRACTIONAL DECIMAL ANGULAR $\pm 1/16$.X $\pm .1$.XX $\pm .02$.X $\pm .5$.XXX $\pm .005$	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.	REV
A	DRAWING NUMBER WAS TC207993	JSM	01/30/13							61806034