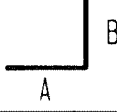


NOTES:

- 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 2000 PSF RATED SOIL.
- 4) TOP OF CONCRETE AT BASEPLATE LOCATIONS TO BE LEVEL AND IN ONE PLANE  $\pm 1/8"$
- 5) DIAGONAL MEASUREMENTS 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 FOOTERS MUST BE BELOW LOCAL FROSTLINE.
- 9) CONTRACTOR SUPPLIES:
  - EXCAVATION
  - CONCRETE AND FORMS
  - REINFORCING STEEL
  - 1 1/2" DIA CONDUIT
  - CURB ANGLE ASSEMBLIES (SECT B-B)
  - BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)

MATERIAL SUMMARY & "Y" DIMENSION CHART	
NOMINAL CLEARANCE BETWEEN FLOOR AND SCALE	4'
CONCRETE (CU. YDS.)	63
REINFORCING STEEL	4378
Y1 (SECTION A-A)	5'-0
Y2 MINIMUM (SECTION A-A)	6'-3 1/2

REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)						
COLD FORM BARS TO INSIDE DIMENSIONS						
SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT
ST1	27	#4	FLOOR, LONG.	29'-2		527
ST2	62	#4	FLOOR, LATERAL	12'-8		525
ST3	42	#4	FOOTERS, LONG.	5'-0		141
ST4	35	#5	FOOTERS, LATERAL	12'-8		463
ST5	20	#5	APPROACH, LATERAL	10'-8		223
	2		END WALLS, LATERAL			23
ST6	22	#5	APPROACH, LONG.	9'-6		218
ST7	24	#4	SIDE WALLS, LONG.	29'-0		465
L1	22	#5	APPROACH TO END TIES	2'-6	3'-0	127
L2	190	#4	WALL TO FLOOR TIES	2'-6	5'-2	974
L3	40	#5	(SEE DETAIL ITEM T1)	1'-0	4'-0	209
L4	16	#4	(CORNERS)	2'-0	7'-4	100
T1	50	#5	(SEE DETAIL ITEM T1)	7'-4		383

REV	CHANGE	BY	DATE	SCALE	02	METTLER TOLEDO		
				DATE	04/09/10			
				DRN	CJE		APPD	123
				TITLE	VTS10X FOUNDATION: PIT, 80' x 11'			
				UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:			THIS PRINT IS FURNISHED WITH THE UNDERSTANDING THAT THE RESIDUE THEREOF SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN AUTHORIZATION OF METTLER-TOLEDO, INC. ALL DESIGNS ARE THE PROPERTY OF METTLER-TOLEDO, INC. AND WILL BE PROTECTED BY PATENTS.	
				FRACTIONAL	DECIMAL	ANGULAR		
				1/32	.XX ±.02	°.5"	TC207992	
					.XXX ±.005		REV	