



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	18	#4	FLOOR, LONG.	38'-1		458
ST2	42	#4	FLOOR, LATERAL	12'-8		356
ST3	28	#4	FOOTERS, LONG.	5'-0		94
ST4	28	#6	FOOTERS, LATERAL	12'-8		533
ST5	20	#5	APPROACH, LATERAL	10'-8		223
	2		END WALLS, LATERAL			23
ST6	22	#5	APPROACH, LONG.	9'-6		218
ST7	16	#4	SIDE WALLS, LONG.	37'-2		398
T1	40	#5	(SEE DETAIL ITEM T1)	7'-4		306
L1	22	#5	APPROACH TO END TIES	2'-6	2'-6	115
L2	170	#4	WALL TO FLOOR TIES	2'-6	5'-3	881
L3	32	#5	(SEE DETAIL ITEM T1)	1'-0	3'-10	162
L4	16	#4	(CORNERS)	2'-0	7'-4	100

MATERIAL SUMMARY & "Y" DIMENSION CHART	
NOMINAL CLEARANCE BETWEEN FLOOR AND SCALE	4'
CONCRETE (CU. YDS.)	58
REINFORCING STEEL	3867
Y1 (SECTION A-A)	5'-0
Y2 MINIMUM (SECTION A-A)	6'-4

- 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 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 FOOTERS MUST BE BELOW LOCAL FROSTLINE.
 - 9) CONTRACTOR SUPPLIES:
 - EXCAVATION
 - CONCRETE AND FORMS
 - CURB ANGLE ASSEMBLIES (SECT B-B)
 - 1 1/2" DIA CONDUIT
 - REINFORCING STEEL
 - BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)

REV	CHANGE	BY	DATE	SCALE .02	DATE 8/23/10	DRN KRS	APPROV	TITLE VTC10X, FOUNDATION, DEEP PIT, 70' X 11'	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:	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, INC. ALL DESIGNS ARE THE PROPERTY OF METTLER-TOLEDO, INC. AND WILL BE PROTECTED BY PATENTS.	TC208510	REV
									FRACTIONAL .XX \pm .02			
									ANGULAR .5"			