



REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)							
COLD FORM BARS TO INSIDE DIMENSIONS			<div><div>A</div><div>B</div></div>				
SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT	
COMMON TO BOTH 2' & 4'	ST1	9	#4	FLOOR, LONG.	40'-0		241
	ST2	9	#4	FLOOR, LONG.	36'-2		218
	ST3	40	#4	FLOOR, LATERAL	12'-8		339
	ST4	42	#4	FOOTERS, LONG.	5'-0		141
	ST5	35	#6	FOOTERS, LATERAL	12'-8		666
	ST6	20	#5	APPROACH, LATERAL	10'-8		223
		2		END WALLS, LATERAL			23
	ST7	22	#5	APPROACH, LONG.	9'-6		218
	L1	22	#5	APPROACH TO END TIES	2'-6	2'-6	115

2' ONLY	ST8	4	#4	SIDE WALLS, LONG.	40'-0	107
	ST9	4	#4	SIDE WALLS, LONG.	34'-4	92
	T1	12	#5	(SEE DETAIL ITEM T1)	8'-1	102
	T2	18	#5	(SEE DETAIL ITEM T2)	9'-5	177
	L2	174	#4	WALL TO FLOOR TIES	2'-6	630
	L3	40	#5	(SEE DETAIL T1 & T2)	1'-0	126
	L4	8	#4	(CORNERS)	2'-0	50

4' ONLY	ST8	8	#4	SIDE WALLS, LONG.	40'-0	214
	ST9	8	#4	SIDE WALLS, LONG.	34'-4	184
	T1	20	#5	(SEE DETAIL ITEM T1)	8'-1	169
	T2	30	#5	(SEE DETAIL ITEM T2)	9'-5	295
	L2	174	#4	WALL TO FLOOR TIES	2'-6	863
	L3	40	#5	(SEE DETAIL T1 & T2)	1'-0	209
	L4	16	#4	(CORNERS)	2'-0	100

THIS DRAWING CONTAINS INFORMATION TO BUILD EITHER A 2' OR 4' NOMINAL CLEARANCE PIT FOUNDATION. CONTRACTOR MUST KNOW DESIRED DEPTH BEFORE ORDERING MATERIALS.

MATERIAL SUMMARY & "Y" DIMENSION CHART		
NOMINAL CLEARANCE BETWEEN FLOOR AND SCALE	2'	4'
CONCRETE (CU. YDS.)	51	62.5
REINFORCING STEEL	3468	4218
Y1 (SECTION A-A)	2'-11	4'-11
Y2 MINIMUM (SECTION A-A)	4'-3	6'-3

- 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 FOR APPLICATIONS WHERE LOADINGS ARE AT OR BELOW OVER-THE-ROAD LEGAL HIGHWAY LIMITS. 2600 PSF FOR ALL OTHERS.
 - 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 $1/2"$.
 - 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
 - REINFORCING STEEL
 - CURB ANGLE ASSEMBLIES (SECT B-B)
 - CONCRETE AND FORMS
 - 1 1/2" DIA CONDUIT
 - BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)

DRAWING IS TO SCALE ONLY WHEN BORDER MEASURES 22-7/8" X 35" (FULL SIZE)

REV	CHANGE	BY	DATE	SCALE	DATE	DRN	APPD	TITLE	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, LLC. ALL DESIGNS ARE THE PROPERTY OF METTLER-TOLEDO, LLC, AND WILL BE PROTECTED BY PATENTS.	REV
				.02	5/28/20	KRS	KRS	VTC25X FND PT 70x11 (4-MOD)	FRACTIONAL .XX $\pm .02$		
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