



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
COMMON TO BOTH 2' & 4'						
ST1	9	#4	FLOOR, LONG.	40'-0"		240
ST2	9	#4	FLOOR, LONG.	35'-8"		214
ST3	39	#4	FLOOR, LATERAL	11'-8"		304
ST4	24	#4	FOOTERS, LONG.	5'-0"		80
ST5	28	#5	FOOTERS, LATERAL	11'-8"		341
ST6	20	#5	APPROACH, LATERAL	9'-8"		202
	2	#5	END WALLS, LATERAL			20
ST7	20	#5	APPROACH, LONG.	9'-6"		198
L1	20	#5	APPROACH TO END TIES	2'-6"	2'-6"	104
2' ONLY						
ST8	4	#4	SIDE WALLS, LONG.	40'-0"		107
ST9	4	#4	SIDE WALLS, LONG.	33'-4"		89
T1	24	#5	(SEE DETAIL ITEM T1)	7'-4"		184
L2	172	#4	WALL TO FLOOR TIES	2'-6"	3'-0"	632
L3	32	#5	(SEE DETAIL ITEM T1)	1'-0"	2'-0"	100
L4	8	#4	(CORNERS)	2'-0"	6'-10"	47
4' ONLY						
ST8	8	#4	SIDE WALLS, LONG.	40'-0"		214
ST9	8	#4	SIDE WALLS, LONG.	33'-4"		178
T1	40	#5	(SEE DETAIL ITEM T1)	7'-4"		306
L2	172	#4	WALL TO FLOOR TIES	2'-6"	5'-0"	862
L3	32	#5	(SEE DETAIL ITEM T1)	1'-0"	4'-0"	167
L4	16	#4	(CORNERS)	2'-0"	6'-10"	94

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.)	47	57
REINFORCING STEEL	2862	3524
Y1 (SECTION A-A)	3'-0"	5'-0"
Y2 MINIMUM (SECTION A-A)	4'-6"	6'-6"

- 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 ±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) 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.
 - 10) 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	APPD
A	ADDED VTS231, PDX DETAIL, CONDUIT NOTE	KRS	06/17/10	.02	07/23/03	DRN MDP

METTLER TOLEDO

TITLE VTS231/7562C FOUNDATION, 3-MOD, 70' X 10' PIT.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:

FRACTIONAL	DECIMAL	ANGULAR
±1/32	.XX ±.02	±.5°
	.XX ±.005	

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