



**SECTION B-B**  
SCALE: 1/20

**SECTION C-C**  
SCALE: 1/20  
(TYPICAL END FOOTER)

**SECTION D-D**  
SCALE: 1/20  
(TYPICAL MIDDLE FOOTER)  
(SINGLE BASEPLATE)

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	241
	ST2	9	#4	FLOOR, LONG.	35'-4	213
	ST3	40	#4	FLOOR, LATERAL	12'-8	339
	ST4	42	#4	FOOTERS, LONG.	5'-0	141
	ST5	35	#6	FOOTERS, LATERAL	12'-8	667
	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	3'-0	640
	L3	40	#5	(SEE DETAIL T1 & T2)	1'-0	2'-0	126
	L4	8	#4	(CORNERS)	2'-0	7'-4	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	5'-0	872
	L3	40	#5	(SEE DETAIL T1 & T2)	1'-0	4'-0	209
	L4	16	#4	(CORNERS)	2'-0	7'-4	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.)	49	61
REINFORCING STEEL	3474	4223
Y1 (SECTION A-A)	2'-8 1/2	4'-8 1/2
Y2 MINIMUM (SECTION A-A)	4'-0 1/2	6'-0 1/2

- 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) 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
A	UPDATED ANCHOR PATTERN AND DIMENSIONS	KRS	12/17/21
SCALE: .02			
DATE: 7/16/21			
DRN JLB APPD JLB			
TITLE			
VTC15x FND PIT 70x11 (4-MOD)			
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:			
FRACTIONAL	DECIMAL	ANGULAR	
±1/16	.XX ±.02	±.5°	
	.XXX ±.005		
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