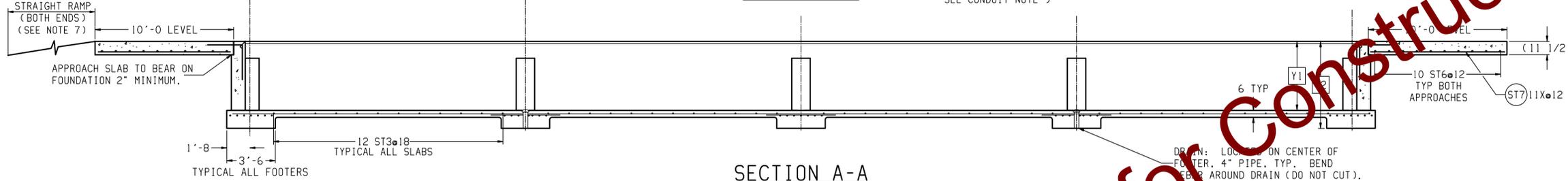
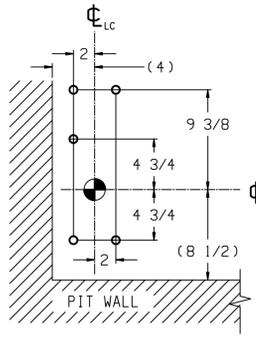


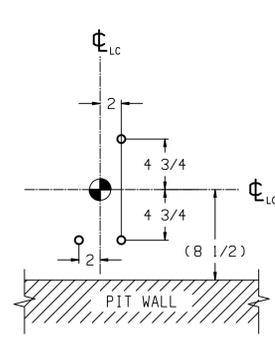
PLAN VIEW



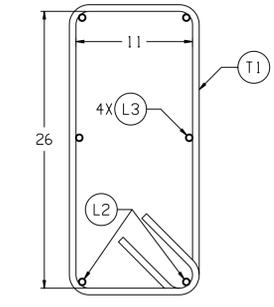
SECTION A-A



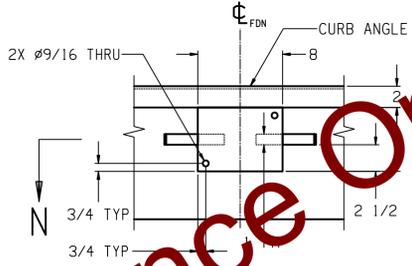
DETAIL "K"
ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)



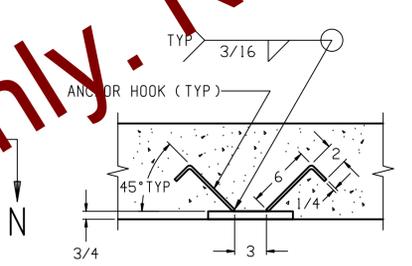
DETAIL "L"
ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)



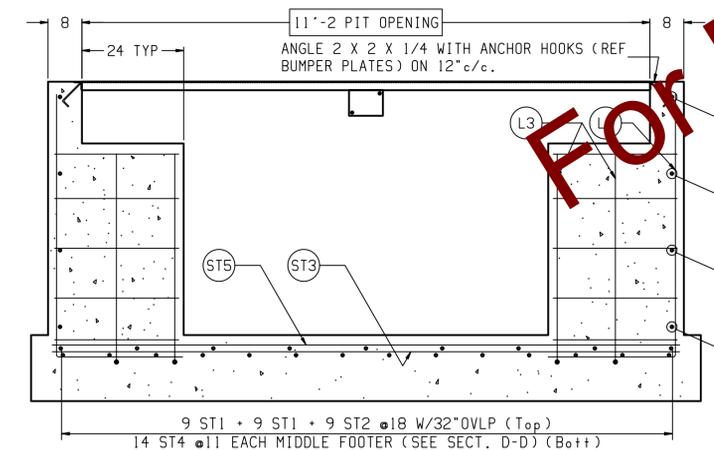
DETAIL ITEM T1
SCALE: 1/8



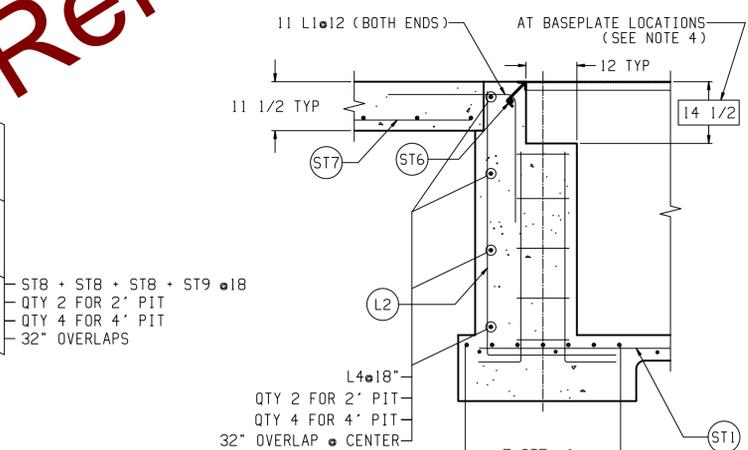
VIEW J-J



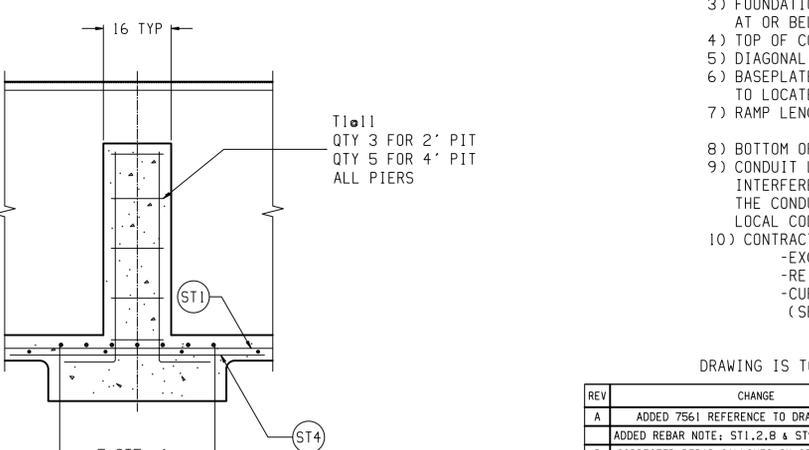
SECTION N-N



SECTION B-B



SECTION C-C
(TYPICAL END FOOTER)



SECTION D-D
(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	18	#4	FLOOR, LONG.	40'-0"		481
ST2	9	#4	FLOOR, LONG.	6'-8"		40
ST3	48	#4	FLOOR, LATERAL	12'-8"		406
ST4	42	#4	FOOTERS, LONG.	5'-0"		140
ST5	35	#6	FOOTERS, LATERAL	12'-8"		666
ST6	20	#5	APPROACH, LATERAL	10'-8"		223
	2		END WALLS, LATERAL			22
ST7	22	#5	APPROACH, LONG.	9'-6"		218
L1	22	#5	APPROACH TO END TIES	2'-6"	2'-6"	115
2' ONLY						
ST8	8	#4	SIDE WALLS, LONG.	40'-0"		214
ST9	4	#4	SIDE WALLS, LONG.	7'-0"		19
T1	30	#5	(SEE DETAIL ITEM T1)	7'-4"		229
L2	190	#4	WALL TO FLOOR TIES	2'-6"	3'-3"	729
L3	40	#5	(SEE DETAIL ITEM T1)	1'-0"	2'-0"	125
L4	8	#4	(CORNERS)	2'-0"	7'-4"	50
4' ONLY						
ST8	16	#4	SIDE WALLS, LONG.	40'-0"		427
ST9	8	#4	SIDE WALLS, LONG.	7'-0"		37
T1	50	#5	(SEE DETAIL ITEM T1)	7'-4"		382
L2	190	#4	WALL TO FLOOR TIES	2'-6"	5'-3"	983
L3	40	#5	(SEE DETAIL ITEM T1)	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.)	51	62
REINFORCING STEEL	3677	4449
Y1 (ELEVATION A-A)	2'-11 1/2"	4'-11 1/2"
Y2 MINIMUM (ELEVATION 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 ±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 7561 REFERENCE TO DRAWING TITLE		06/13/00	1/7/98		
B	ADDED REBAR NOTE: ST1, 2, 8 & ST9 OVL WERE 24"	HWB	02/10/03			
C	ADDED VTS231, PDX DETAIL, AND CONDUIT NOTE	KRS	01/27/11			

TITLE VTS231/7562C FOUNDATION: PIT 80' X 11', WITH 20' MODULES

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:
FRACTIONAL .XX ±.02
DECIMAL .XXX ±.005
ANGULAR ±.5°

METTLER TOLEDO

TC203512

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REV C