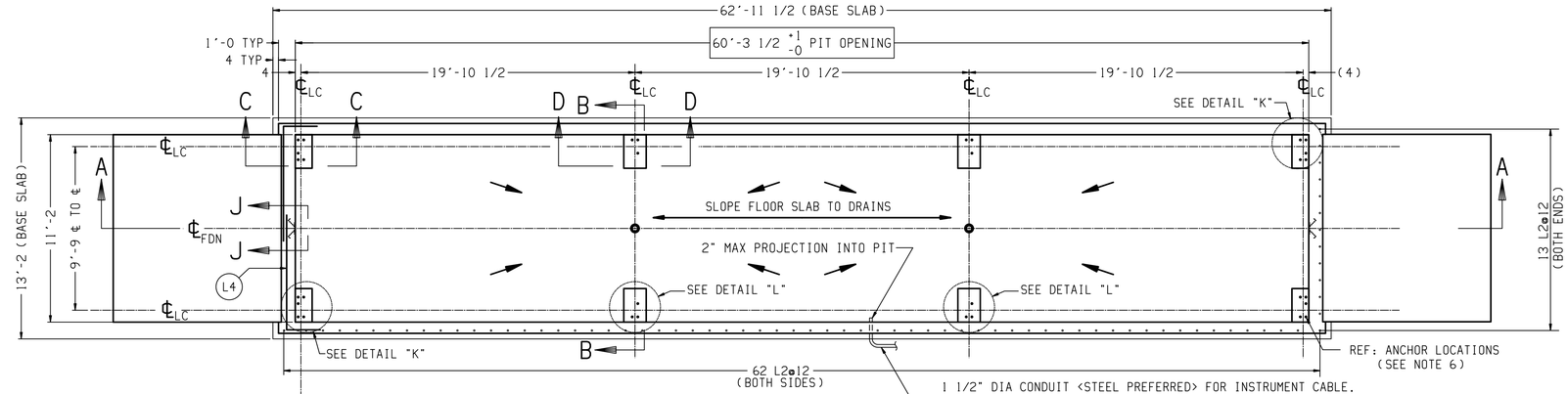
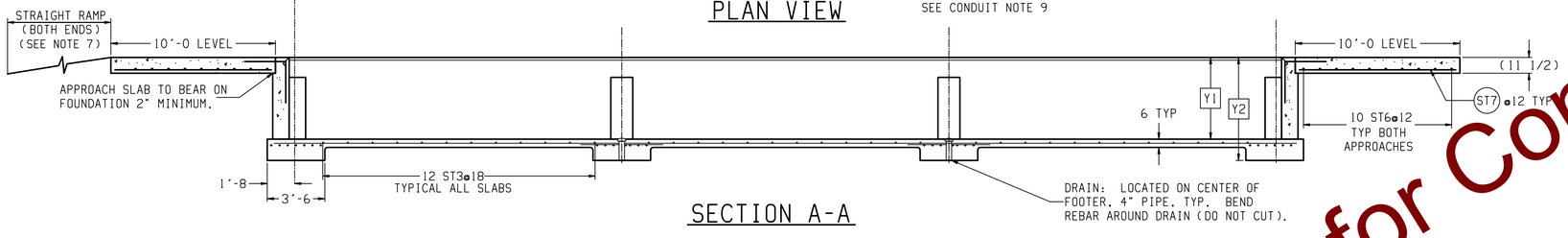
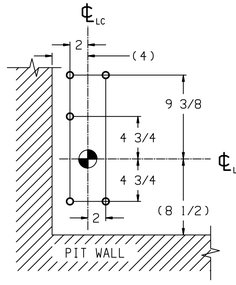


PLAN VIEW

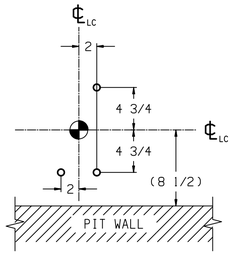


SECTION A-A



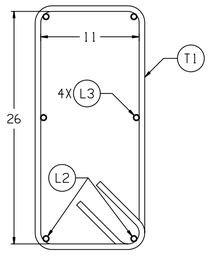
DETAIL "K"

ANCHOR LOCATIONS (OTHER SIDE IS OPPOSITE)



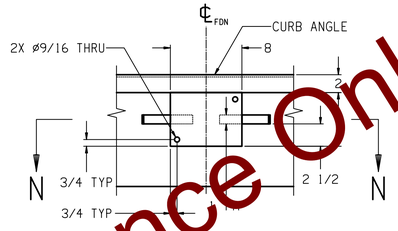
DETAIL "L"

ANCHOR LOCATIONS (OTHER SIDE IS OPPOSITE)

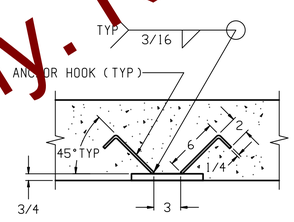


DETAIL ITEM T1

SCALE: 1/8



VIEW J-J

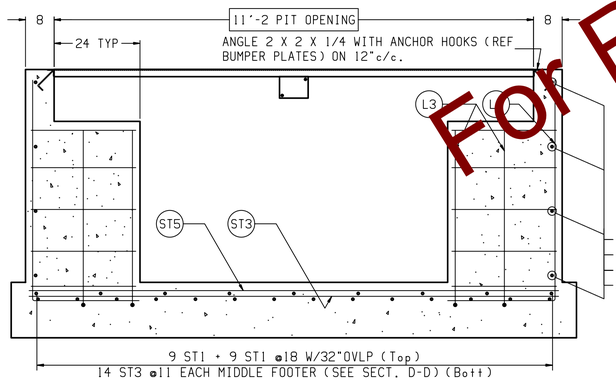


SECTION N-N

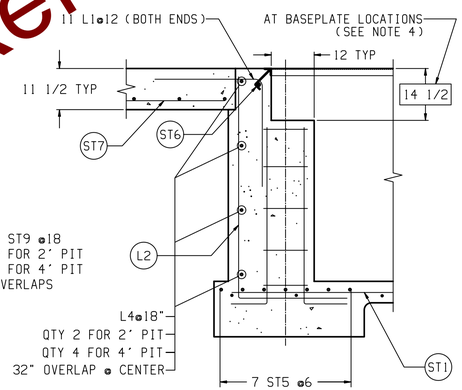
REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)							
	COLD FORM BARS TO INSIDE DIMENSIONS			A ⌐ B			
	SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT
COMMON TO BOTH 2' & 4'	ST1	9	#4	FLOOR, LONG.	40'-0		240
	ST2	9	#4	FLOOR, LONG.	25'-2		151
	ST3	36	#4	FLOOR, LATERAL	12'-8		304
	ST4	28	#4	FOOTERS, LONG.	5'-0		93
	ST5	28	#6	FOOTERS, LATERAL	12'-8		533
	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	4	#4	SIDE WALLS, LONG.	40'-0		107
	ST9	4	#4	SIDE WALLS, LONG.	24'-11		67
	T1	24	#5	(SEE DETAIL ITEM T1)	7'-4		184
	L2	150	#4	WALL TO FLOOR TIES	2'-6	3'-3	576
	L3	32	#5	(SEE DETAIL ITEM T1)	1'-0	2'-0	100
	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.	24'-11		133
	T1	40	#5	(SEE DETAIL ITEM T1)	7'-4		306
	L2	150	#4	WALL TO FLOOR TIES	2'-6	5'-3	776
	L3	32	#5	(SEE DETAIL ITEM T1)	1'-0	4'-0	167
	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.)	41	50
REINFORCING STEEL	2983	3597
Y1 (ELEVATION A-A)	2'-11 1/2	4'-11 1/2
Y2 MINIMUM (ELEVATION A-A)	4'-3	6'-3

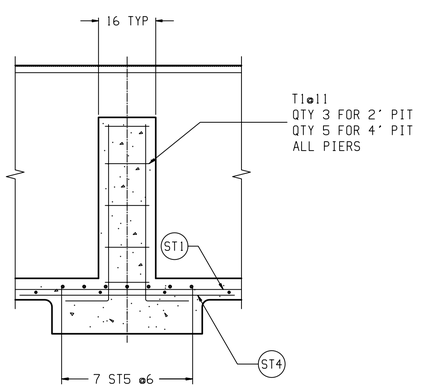


SECTION B-B



SECTION C-C

(TYPICAL END FOOTER)



SECTION D-D

(TYPICAL MIDDLE FOOTER) (SINGLE BASEPLATE)

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 -CONCRETE AND FORMS
   -REINFORCING STEEL -1 1/2" DIA CONDUIT
   -CURB ANGLE ASSEMBLIES -BUMPER PLATE ASSEMBLIES
   (SECT B-B) (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	ADDED 7561 REFERENCE TO DRAWING TITLE		
	ADDED REBAR NOTE. ST1 & ST2 OVL WERE 24"	HBW	06/12/00
B	ADDED VTS231, PDX DETAIL, AND CONDUIT NOTE	KRS	02/01/11

SCALE .02
DATE 1/7/98
DRN ELB APPD

METTLER TOLEDO

TITLE VTS231/7562C FOUNDATION: PIT 60' X 11', WITH 20' MODULES

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:
FRACTIONAL ±1/32 DECIMAL .XX ±.02 .XXX ±.005 ANGULAR ±.5°

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TC203509 REV B

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