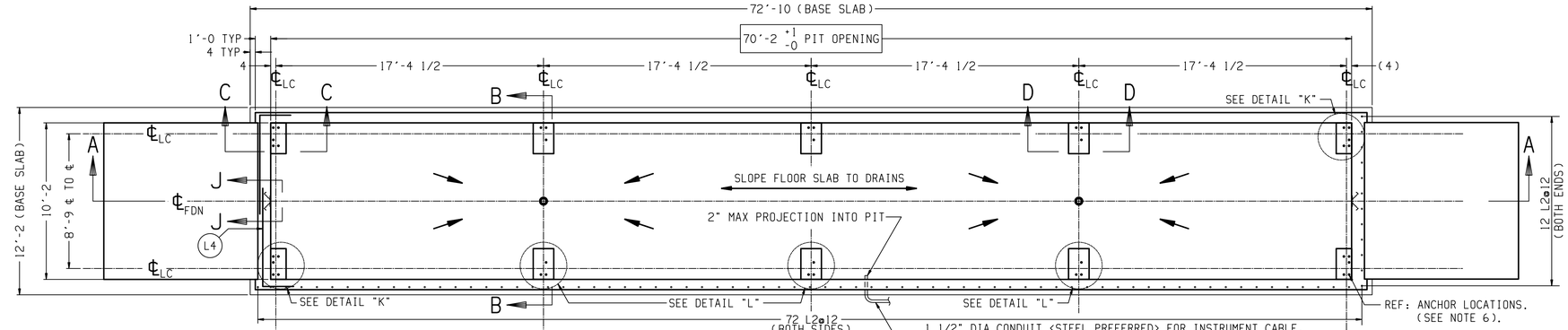
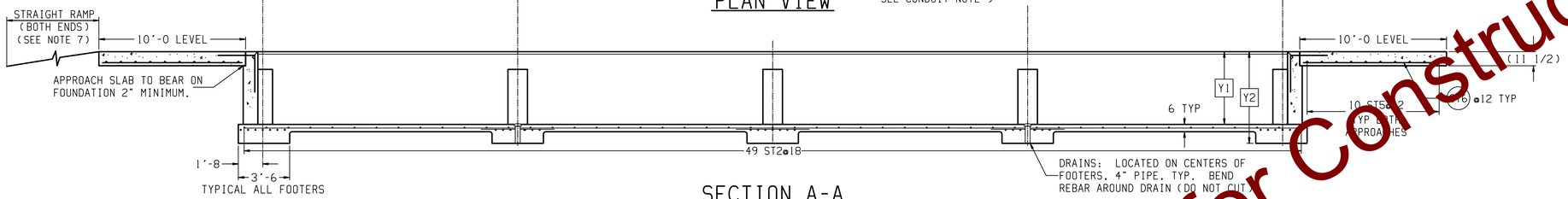
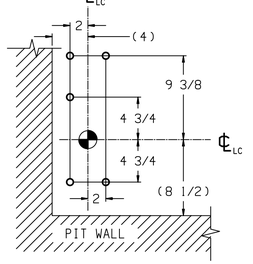


PLAN VIEW

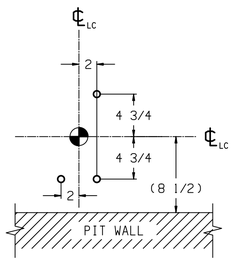


SECTION A-A



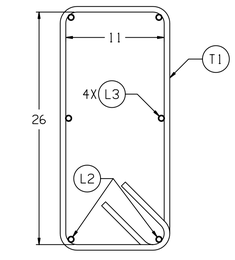
DETAIL "K"

ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)



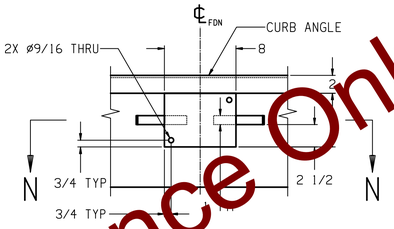
DETAIL "L"

ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)



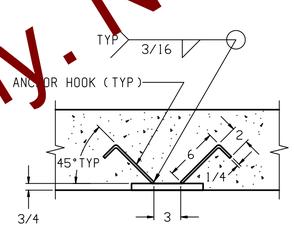
DETAIL ITEM T1

SCALE: 1/8

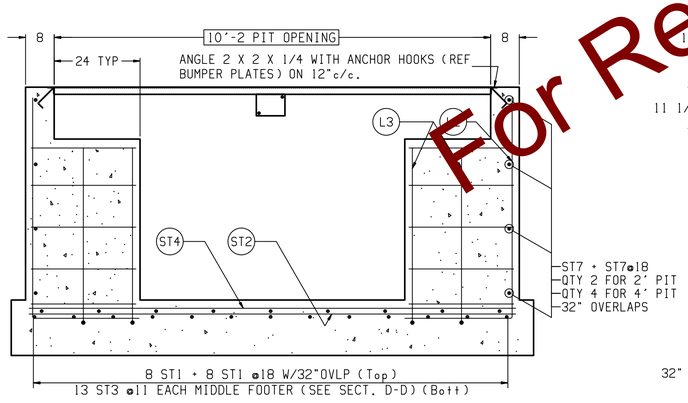


VIEW J-J

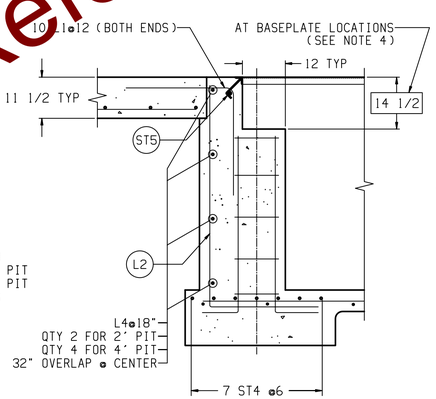
SHIM PLATE ASSY'S (ONE EACH END)
MATERIAL: H.R. STEEL (BY OTHERS).



SECTION N-N

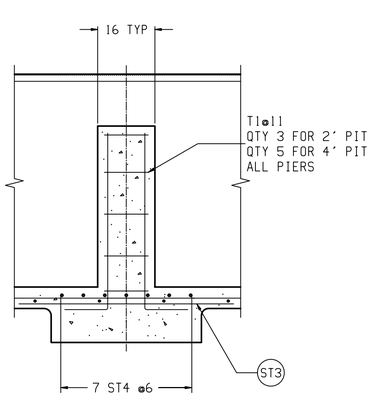


SECTION B-B



SECTION C-C

(TYPICAL END FOOTER)



SECTION D-D

(TYPICAL MIDDLE FOOTER)
(SINGLE BASEPLATE)

For Reference Only. Not for Construction.

REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)

COLD FORM BARS TO INSIDE DIMENSIONS

	SYM	QTY	SIZE	LOCATION. DIRECTION	A	B	WGT
COMMON TO BOTH 2' & 4'	ST1	16	#4	FLOOR. LONG.	37'-6		401
	ST2	49	#4	FLOOR. LATERAL	11'-8		328
	ST3	39	#4	FOOTERS. LONG.	5'-0		130
	ST4	35	#5	FOOTERS. LATERAL	11'-8		430
	ST5	20	#5	APPROACHES	9'-8		202
		2		END WALLS. LATERAL			20
	ST6	20	#5	APPROACHES	9'-6		199
	L1	20	#5	APPROACH TO END TIES	2'-6	2'-6	105
2' ONLY	ST7	8	#4	SIDE WALLS. LONG.	37'-3		199
	T1	30	#5	(SEE DETAIL ITEM T1)	7'-4		229
	L2	168	#4	WALL TO FLOOR TIES	2'-6	3'-3	645
	L3	40	#5	(SEE DETAIL ITEM T1)	1'-0	2'-0	125
	L4	8	#4	(CORNERS)	2'-0	6'-10	47
4' ONLY	ST7	16	#4	SIDE WALLS. LONG.	37'-3		398
	T1	50	#5	(SEE DETAIL ITEM T1)	7'-4		382
	L2	168	#4	WALL TO FLOOR TIES	2'-6	5'-3	869
	L3	40	#5	(SEE DETAIL ITEM T1)	1'-0	4'-0	209
	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.)	44	55
REINFORCING STEEL	3060	3767
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 LOCATONS. 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 (SECT B-B)	-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	CORRECTED QUANTITY OF ST1. WAS 42	ALS	1/20/94
B	ADDED 7561 REFERENCE TO DRAWING TITLE		
	ADDED REBAR NOTE. ST1 OVL WAS 20"	HBW	06/12/00
C	ADDED VTS231. PDX DETAIL. AND CONDUIT NOTE.	KRS	01/31/11

SCALE .02
DATE 7/14/93
DRN RMH APPD
TITLE VTS231/7562C FND PIT 70x10 4-MOD

METTLER TOLEDO

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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