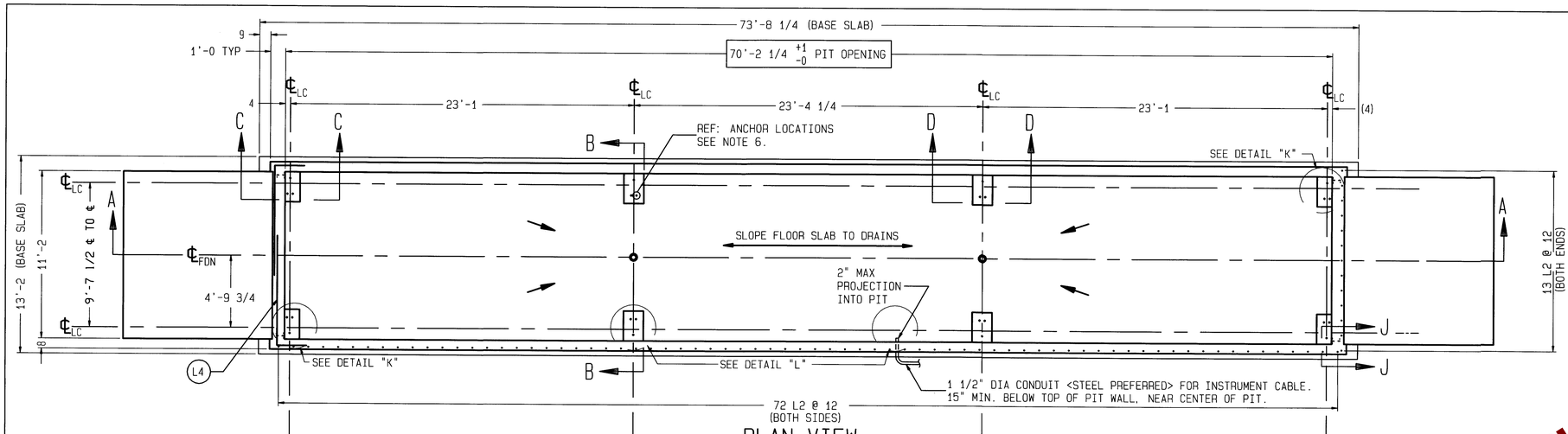
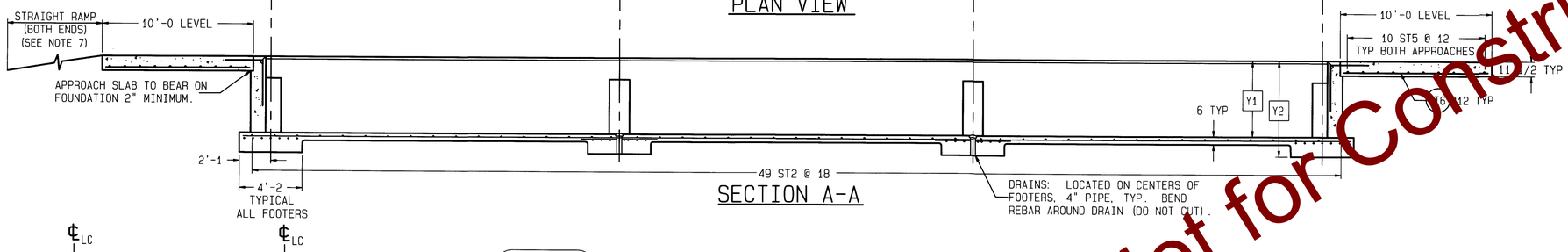
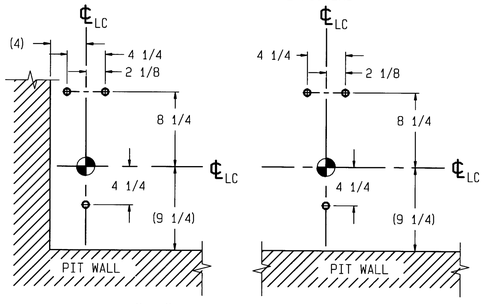


PLAN VIEW

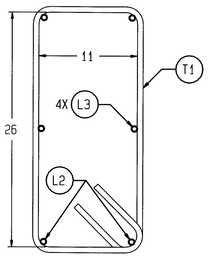


SECTION A-A

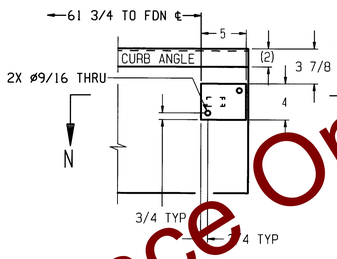


DETAIL "K"
SCALE: 1/8
ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)

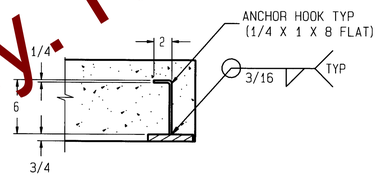
DETAIL "L"
SCALE: 1/8
ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)



DETAIL ITEM T1
SCALE: 1/8



VIEW J-J
SCALE: 1/8
BUMPER PLATE ASSY'S: TWO EACH END.
MATERIAL: H.R. STEEL, (BY OTHERS).



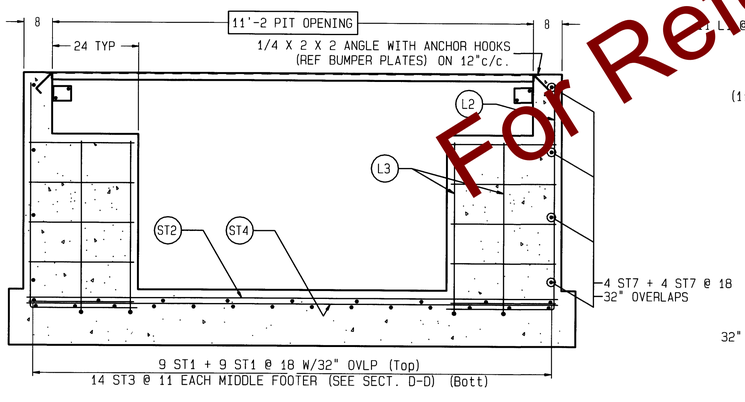
SECTION N-N

MATERIAL SUMMARY & "Y" DIMENSION CHART	
NOMINAL CLEARANCE BETWEEN FLOOR AND SCALE	4'
CONCRETE (CU. YDS.)	57
REINFORCING STEEL	3768
Y1 (SECTION A-A)	5'-0
Y2 MINIMUM (SECTION A-A)	6'-3 1/2

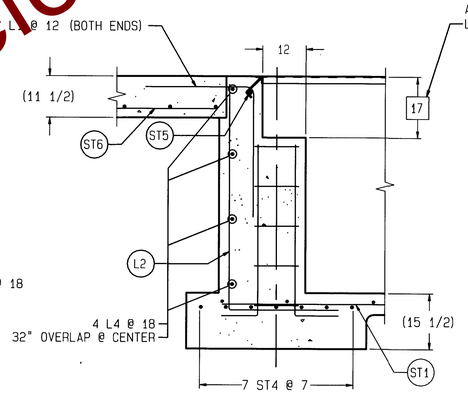
REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)

COLD FORM BARS TO INSIDE DIMENSIONS

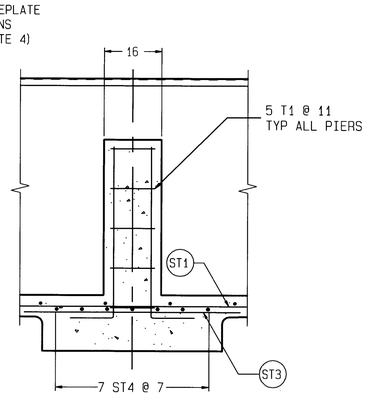
SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT
ST1	18	#4	FLOOR, LONG.	37'-11		456
ST2	49	#4	FLOOR, LATERAL	12'-8		415
ST3	28	#4	FOOTERS, LONG.	5'-0		94
ST4	28	#5	FOOTERS, LATERAL	12'-8		370
ST5	20	#5	APPROACH, LATERAL	10'-8		223
	2		END WALLS, LATERAL			23
ST6	22	#5	APPROACH, LONG.	9'-6		218
ST7	16	#4	SIDE WALLS, LONG.	37'-2		398
L1	22	#5	APPROACH TO END TIES	2'-6	3'-0	127
L2	170	#4	WALL TO FLOOR TIES	2'-6	5'-2	871
L3	32	#5	(SEE DETAIL ITEM T1)	1'-0	4'-0	167
L4	16	#4	(CORNERS)	2'-0	7'-4	100
T1	40	#5	(SEE DETAIL ITEM T1)	7'-4		306



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)

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.
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". THIS IS VERY IMPORTANT!! SCALE INSTALLATION WILL BE DIFFICULT OR IMPOSSIBLE IF SQUARENESS IS NOT HELD TO THIS TOLERANCE.
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)

REV	CHANGE	BY	DATE
A	UPDATED FOOTER WIDTH FOR 23' MODS	KRS	04/20/11

SCALE .02
DATE 1/25/11
DRN JLB APPD

METTLER TOLEDO

TITLE VTS10X FOUNDATION: PIT, 70' X 11' (3-MOD)

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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