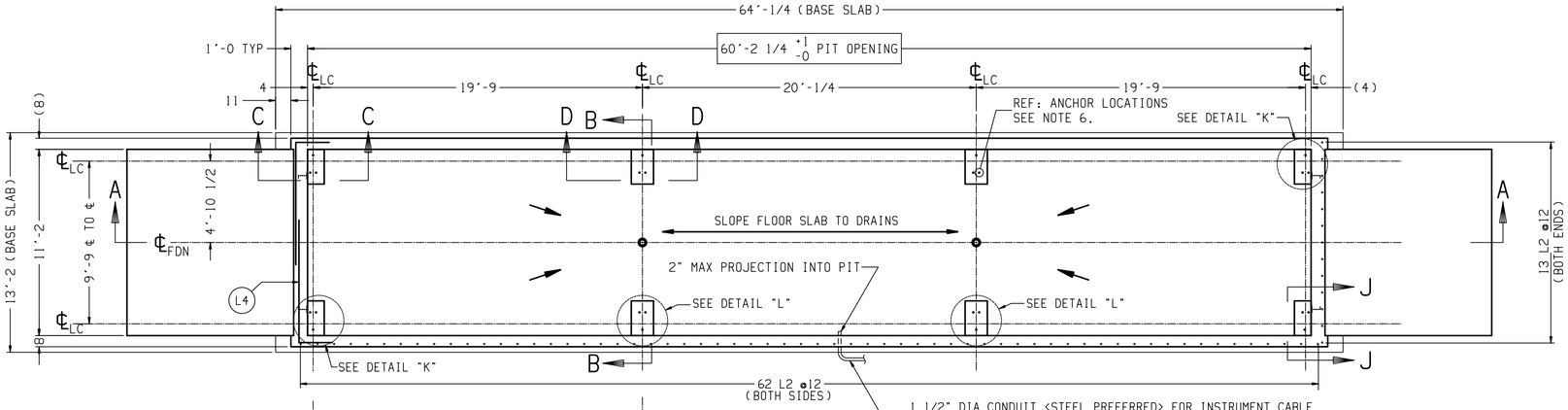
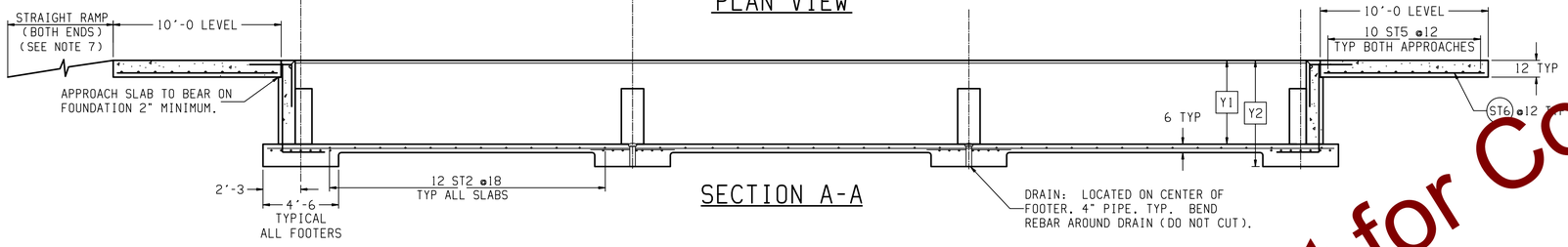


PLAN VIEW

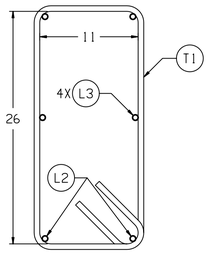


SECTION A-A

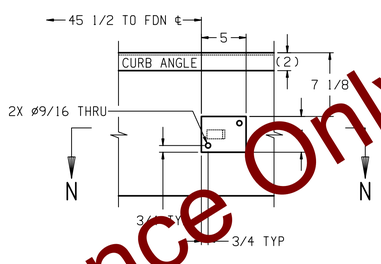
REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)						
COLD FORM BARS TO INSIDE DIMENSIONS				A / B		
SYM	QTY	SIZE	LOCATION. DIRECTION	A	B	WGT
ST1	18	#4	FLOOR. LONG.	33'-1		398
ST2	36	#4	FLOOR. LATERAL	12'-8		305
ST3	28	#4	FOOTERS. LONG.	5'-0		94
ST4	28	#6	FOOTERS. LATERAL	12'-8		533
ST5	20	#5	APPROACH. LATERAL	10'-8		223
	2		END WALLS. LATERAL			23
ST6	22	#5	APPROACH. LONG.	9'-6		218
ST7	16	#4	SIDE WALLS. LONG.	32'-2		344
T1	40	#5	(SEE DETAIL ITEM T1)	7'-4		306
L1	22	#5	APPROACH TO END TIES	2'-6	2'-6	115
L2	150	#4	WALL TO FLOOR TIES	2'-6	5'-3	777
L3	32	#5	(SEE DETAIL ITEM T1)	1'-0	3'-10	162
L4	16	#4	(CORNERS)	2'-0	7'-4	100

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

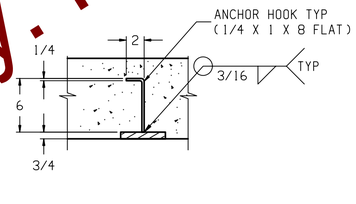
DETAIL "L"
SCALE: 1/8
ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)



DETAIL ITEM T1
SCALE: 1/8

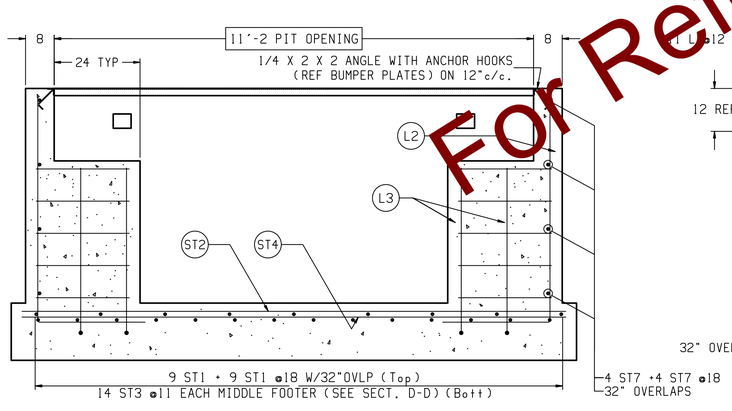


VIEW J-J
SCALE: 1/8
BUMPER PLATE ASSY'S: TWO EACH END.
MATERIAL: H.R. STEEL. (BY OTHERS).

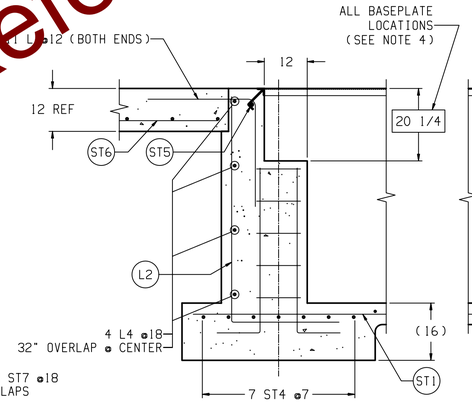


SECTION N-N

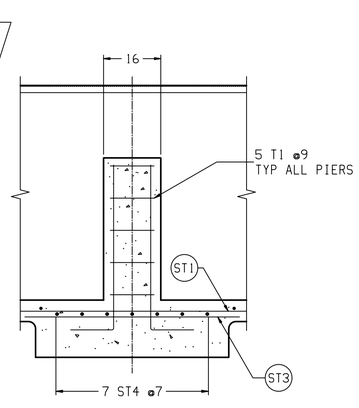
MATERIAL SUMMARY & "Y" DIMENSION CHART	
NOMINAL CLEARANCE BETWEEN FLOOR AND SCALE	4'
CONCRETE (CU. YDS.)	53
REINFORCING STEEL	3598
Y1 (SECTION A-A)	5'-0
Y2 MINIMUM (SECTION A-A)	6'-4



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 IF NOT 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
   - -CONCRETE AND FORMS
   - -CURB ANGLE ASSEMBLIES (SECT B-B)
   - -1 1/2" DIA CONDUIT
   - -REINFORCING STEEL
   - -BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)

REV	CHANGE	BY	DATE

SCALE .02
DATE 8/17/10
DRN JLB APPD
TITLE VTCIOX, FOUNDATION, DEEP PIT, 60' X 11'

METTLER TOLEDO

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

THIS PRINT IS FURNISHED WITH THE UNDERSTANDING THAT THE ESSENCE THEREOF WILL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN AUTHORIZATION OF METTLER-TOLEDO, INC. ALL DESIGNS ARE THE PROPERTY OF METTLER-TOLEDO, INC. AND WILL BE PROTECTED BY PATENTS.

TC208509 REV

For Reference Only. Not for Construction.