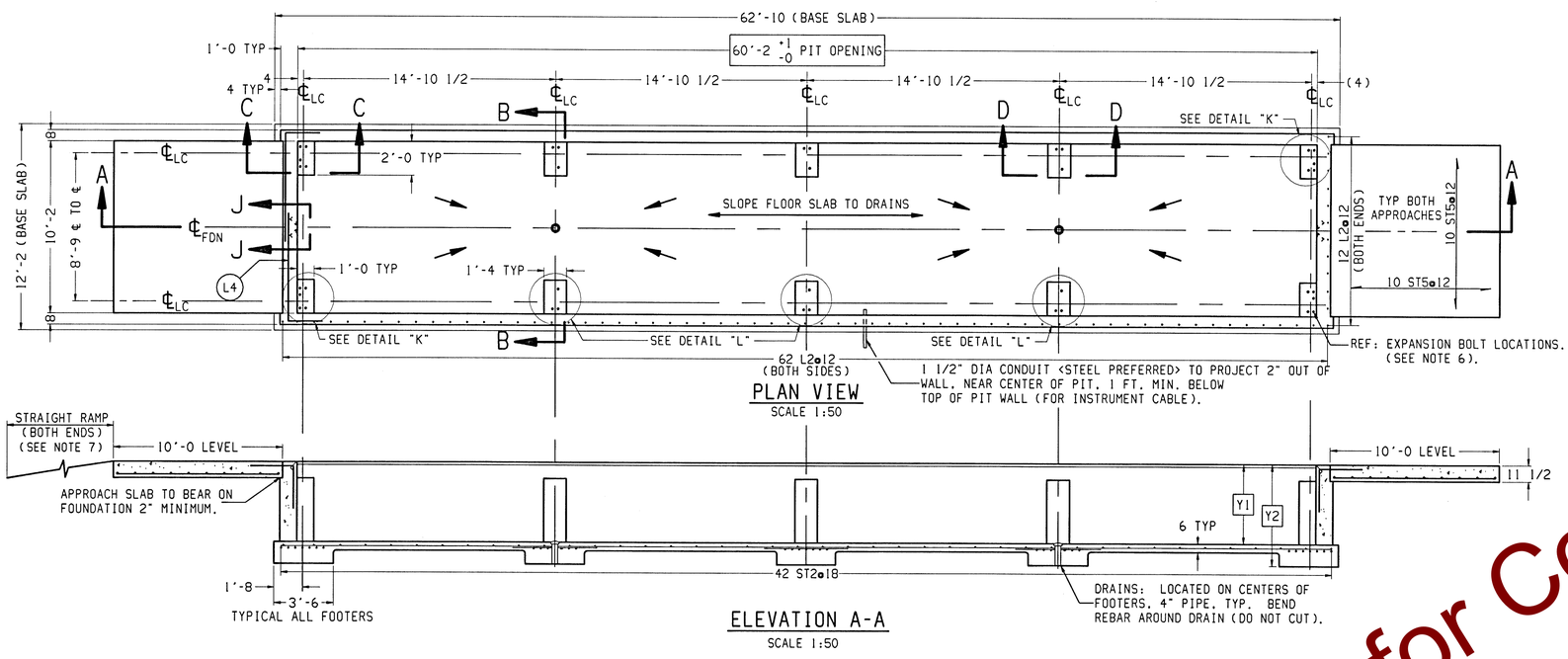
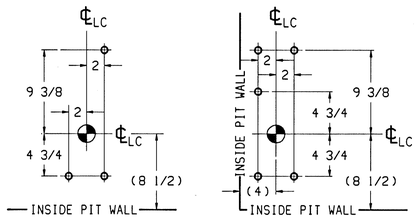


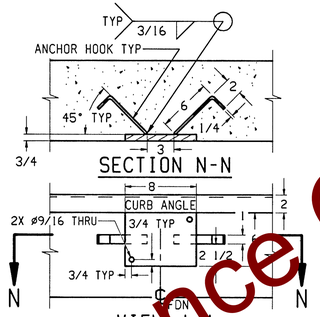


DETAIL "L"

SCALE: 1:8
EXPANSION BOLT LOCATIONS
(OTHER SIDE IS OPPOSITE)

DETAIL "K"

SCALE: 1:8
EXPANSION BOLT LOCATIONS
(OTHER SIDE IS OPPOSITE)

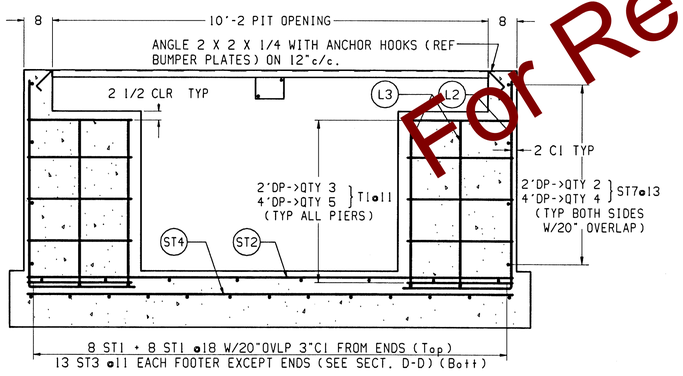


SECTION N-N

VIEW J-J

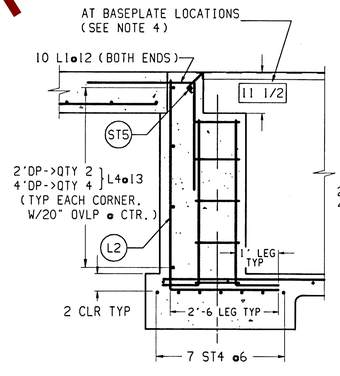
SCALE 1:8

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



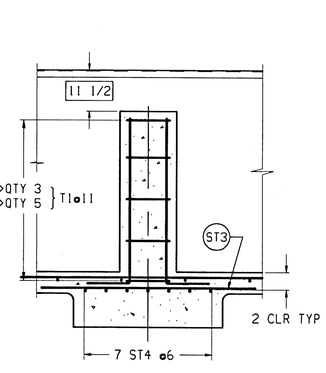
SECTION B-B

SCALE 1:20



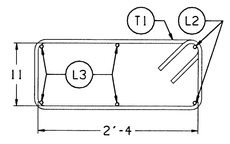
SECTION C-C

SCALE 1:20
(TYPICAL END FOOTER)



SECTION D-D

SCALE 1:20
(TYPICAL MIDDLE FOOTER)
(SINGLE BASEPLATE)



DETAIL ITEM T1

SCALE: 1:4
USED AT SINGLE PIN CELL LOCATIONS

REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)							
COLD FORM BARS TO INSIDE DIMENSIONS					B / A		
	SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT
COMMON TO BOTH 2' & 4'	ST1	16	#4	FLOOR, LONG.	32'-0		342
	ST2	42	#4	FLOOR, LATERAL	11'-8		328
	ST3	39	#4	FOOTERS, LONG.	5'-0		130
	ST4	35	#5	FOOTERS, LATERAL	11'-8		426
	ST5	40	#5	APPROACHES	9'-6		396
		2		END WALLS, LATERAL			20
	L1	20	#5	APPROACH TO END TIES	2'-6	2'-6	105
2' ONLY	ST7	8	#4	SIDE WALLS, LONG.	31'-8		169
	T1	30	#5	(SEE DETAIL ITEM T1)	7'-4		229
	L2	148	#4	WALL TO FLOOR TIES	2'-6	3'-0	543
	L3	40	#5	(SEE DETAIL ITEM T1)	1'-0	2'-0	125
	L4	8	#4	(CORNERS)	2'-0	6'-4	45
4' ONLY	ST7	16	#4	SIDE WALLS, LONG.	31'-8		338
	T1	50	#5	(SEE DETAIL ITEM T1)	7'-4		382
	L2	148	#4	WALL TO FLOOR TIES	2'-6	5'-0	741
	L3	40	#5	(SEE DETAIL ITEM T1)	1'-0	4'-0	209
	L4	16	#4	(CORNERS)	2'-0	6'-4	89

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.)	40	49
REINFORCING STEEL	2858	3506
Y1 (ELEVATION A-A)	2'-8 1/2	4'-8 1/2
Y2 MINIMUM (ELEVATION A-A)	4'-0	6'-0

* QUANTITIES GIVEN ARE FOR FOUNDATION ONLY. IF CONCRETE PLATFORMS ARE USED, REFER TO GENERAL LAYOUT DRAWING FOR DECK CONCRETE AND REINFORCING STEEL QUANTITIES & SPECS.

NOTES:

1) USE MINIMUM 3000 PSI STRENGTH CONCRETE AT 28 DAYS WITH 5-7% AIR ENTRAINMENT.
2) USE MINIMUM 60KSI YIELD DEFORMED REINFORCING STEEL.
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".
6) BASEPLATE ANCHORS TO BE 3/4" DIA. EXPANSION BOLTS X 6" LG. SUPPLIED BY TOLEDO. USE BASEPLATES AS TEMPLATES TO LOCATE EXPANSION BOLTS DURING SCALE INSTALLATION.
7) RAMP LENGTH: -PER LOCAL REGULATIONS
   -1/2" SLOPE PER FOOT TYPICAL
8) BOTTOM OF FOOTERS MUST BE BELOW LOCAL FROSTLINE. IF LOCAL FROSTLINE IS UNKNOWN, REFER TO DRAWING TA201033 (U.S. WEATHER BUREAU FROST PENETRATION AVERAGES).
9) 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)

For Reference Only. Not for Construction.

REV	CHANGE	BY	DATE
A	ADDED 6" TO FOOTER AND CLR FOR FOOTER REBAR	ALS	6/24/93
B	REMOVED NOTE #10	DGR	8/20/96

SCALE NOTED
DATE 8/28/92
DRN ALS APP'D

METTLER TOLEDO

TITLE 7560A/B FOUNDATION: PIT (2' OR 4' DP) 60'x10'

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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