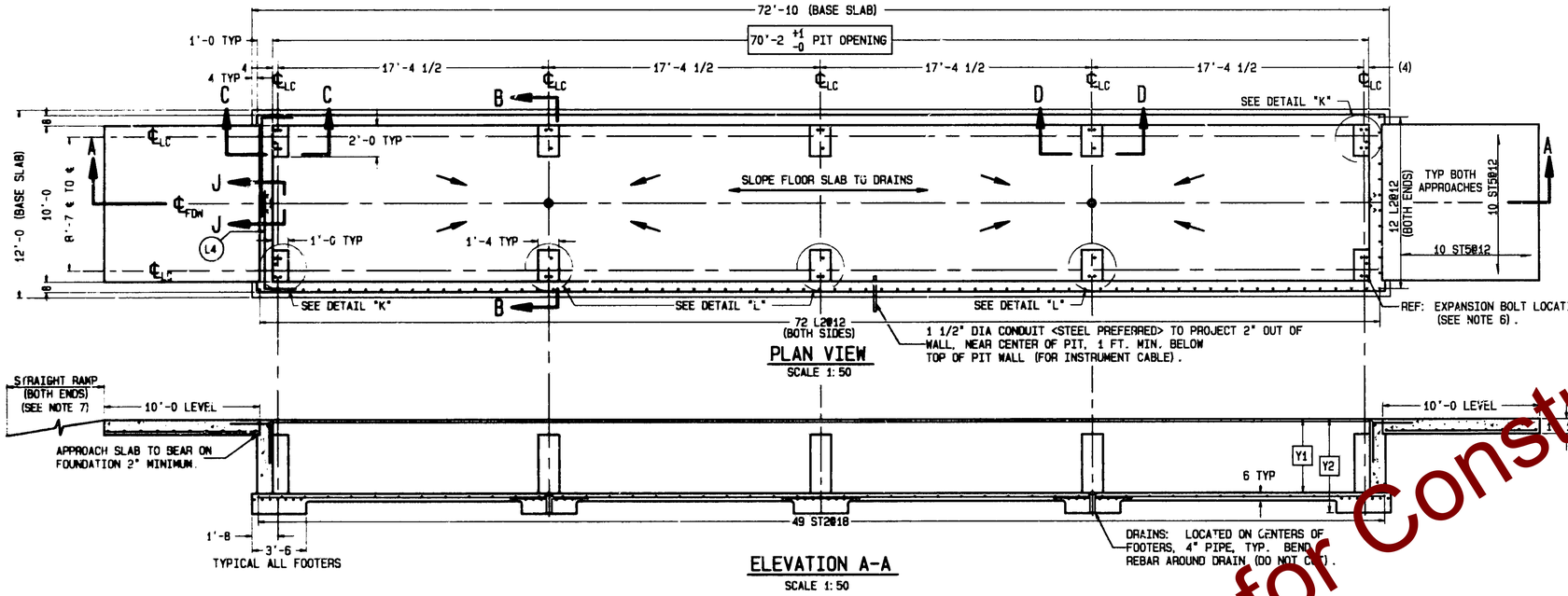

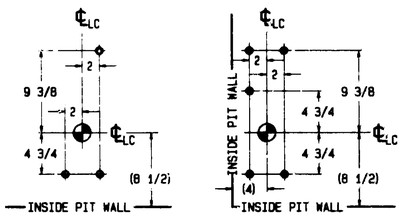

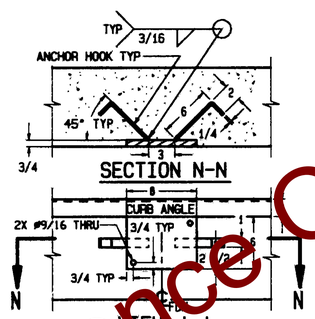

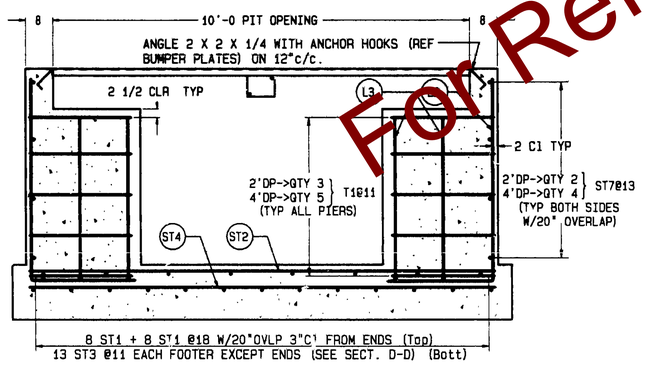

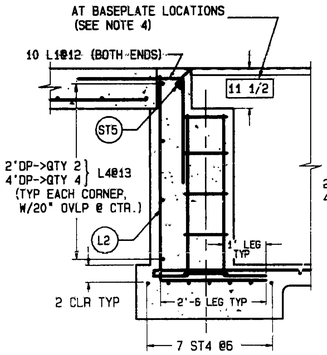

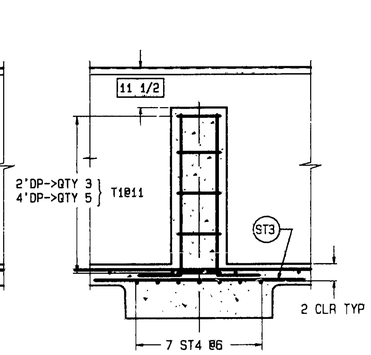

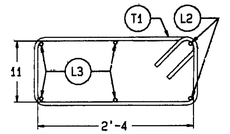

REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 50)

	SYM	QTY	SIZE	LOCATION, DIRECTION	A (COLD FORM BARS TO INSIDE DIMENSIONS)	B	WGT
COMMON TO BOTH 2' & 4'	ST1	16	#4	FLOOR, LONG.	37'-0		395
	ST2	42	#4	FLOOR, LATERAL	11'-6		323
	ST3	39	#4	FOOTERS, LONG.	5'-0		130
	ST4	35	#5	FOOTERS, LATERAL	11'-6		424
	ST5	40	#5	APPROACHES	9'-6		397
		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.	36'-8		196
	T1	30	#5	(SEE DETAIL ITEM T1)	7'-4		229
	L2	168	#4	WALL TO FLOOR TIES	2'-6	3'-0	617
	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.	36'-8		392
	T1	50	#5	(SEE DETAIL ITEM T1)	7'-4		382
	L2	168	#4	WALL TO FLOOR TIES	2'-6	5'-0	841
	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.)	42	53
REINFORCING STEEL	3006	3707
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
   -REINFORCING STEEL
   -CURB ANGLE ASSEMBLIES (SECT B-B)
   -CONCRETE AND FORMS
   -I 1/2" DIA CONDUIT
   -BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)

REV	CHANGE	BY	DATE
A	REVISED REBAR SCHEDULE. INCREASED BASE SLAB	ALS	7-17-91
B	CORRECT SECTION B-B: REVISED REBAR SCHEDULE	RMR	10/28/93
C	ADDED 6" TO FOOTER AND CLR FOR FOOTER REBAR	RMR	6/24/93
D	REMOVED NOTE #10 FROM NOTES	DGR	8/20/96

SCALE NOTED
DATE 3/11/91
DRN RMR APPD

METTLER TOLEDO

TITLE 7560A/B FOUNDATION: PIT (2' OR 4' DP) 70x9'10

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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