



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	18	#4	FLOOR, LONG.	37'-0	445
	ST2	49	#4	FLOOR, LATERAL	12'-8	415
	ST3	42	#4	FOOTERS, LONG.	5'-0	140
	ST4	35	#5	FOOTERS, LATERAL	12'-8	463
	ST5	20	#5	APPROACH, LATERAL	10'-8	223
	ST6	22	#5	APPROACH, LONG.	9'-6	217
2' ONLY	L1	22	#5	APPROACH TO END TIES	2'-6	115
	ST7	8	#4	SIDE WALLS, LONG.	36'-8	196
	T1	30	#5	(SEE DETAIL ITEM T1)	7'-4	229
	L2	170	#4	WALL TO FLOOR TIES	2'-6	624
4' ONLY	L3	40	#5	(SEE DETAIL ITEM T1)	1'-0	125
	L4	8	#4	(CORNERS)	2'-0	47
	ST7	16	#4	SIDE WALLS, LONG.	36'-8	392
	T1	50	#5	(SEE DETAIL ITEM T1)	7'-4	382
	L2	170	#4	WALL TO FLOOR TIES	2'-6	851
	L3	40	#5	(SEE DETAIL ITEM T1)	1'-0	209
	L4	16	#4	(CORNERS)	2'-0	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.)	46	56
REINFORCING STEEL	3262	3969
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:

- USE MINIMUM 3000 PSI STRENGTH CONCRETE AT 28 DAYS WITH 5-7% AIR ENTRAINMENT.
- USE MINIMUM 60KSI YIELD DEFORMED REINFORCING STEEL.
- FOUNDATION REQUIRES 2000 PSF RATED SOIL.
- TOP OF CONCRETE AT BASEPLATE LOCATIONS TO BE LEVEL AND IN ONE PLANE $\pm 1/8"$.
- DIAGONAL MEASUREMENTS ENDWALL TO ENDWALL MUST BE EQUAL WITHIN $1/2"$.
- 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.
- RAMP LENGTH: -PER LOCAL REGULATIONS
-1/2" SLOPE PER FOOT TYPICAL
- BOTTOM OF FOOTERS MUST BE BELOW LOCAL FROSTLINE. IF LOCAL FROSTLINE IS UNKNOWN, REFER TO DRAWING TA201033 (U.S. WEATHER BUREAU FROST PENETRATION AVERAGES).
- 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	SCALE NOTED	METTLER TOLEDO
A	REVISED REBAR SCHEDULE, INCREASED BASE SLAB	ALS	7-17-91	DATE 3/5/91	
B	CORRECT SECTION B-B: REVISED REBAR SCHEDULE	RWR	10/28/91	DRN RMR APPD	
C	ADDED 6" TO FOOTER AND CLR FOR FOOTER REBAR	TDA	4/28/93		
D	REMOVED NOTE #10 FROM NOTES	DGR	8/19/96		
TITLE 7560A/B FOUNDATION: PIT (2' OR 4' DP) 70x11					
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:					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.
FRACTIONAL DECIMAL ANGULAR					
1/32 .XX ±.02 .5°					
1/64 .XX ±.01 .5°					
1/128 .XX ±.005 .5°					
1/256 .XX ±.005 .5°					
1/512 .XX ±.005 .5°					
1/1024 .XX ±.005 .5°					
1/2048 .XX ±.005 .5°					
1/4096 .XX ±.005 .5°					
1/8192 .XX ±.005 .5°					
1/16384 .XX ±.005 .5°					
1/32768 .XX ±.005 .5°					
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