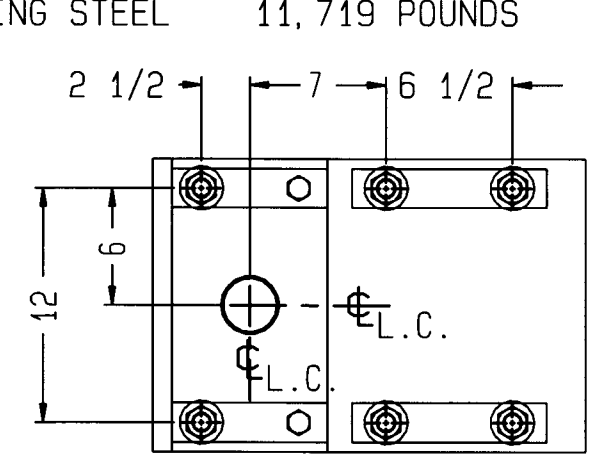
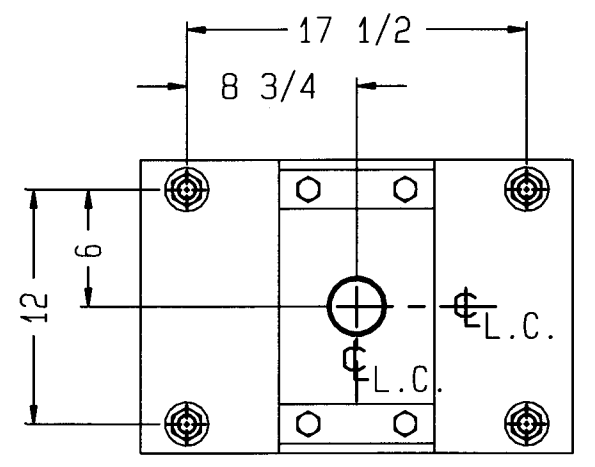


TC307729-1 FOUNDATION STEEL (BY METTLER-TOLEDO)			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	8	TN302239	BASE PLATE
2	4	TB200601-2	BASE PLATE
3	12	TB200834	RECEIVER PLATE
4	8	12752400F	CLAMP BAR
5	16	TB200601-4	CLAMP BAR
6	8	TB200601-3	ANGLE
7	16	TN201375	ANGLE
8	8	TC301512-5	ANGLE
9	16	TC300927-26	BENT ANCHOR 1-8 X 2' UNC
10	64	TC300927-25	ANCHOR ROD 1"-8 X 2' UNC
11	290	MZ0901020047	HEX NUT 1"-8 NC
12	162	MZ0901030059	FLAT WASHER 1"
13	34	MZ0901010354	BOLT 3/4-10 X 2-1/4 UNC
14	16	TN302937	CLAMP BAR
15	4	TN203060	RAIL PLATE PIT WALL

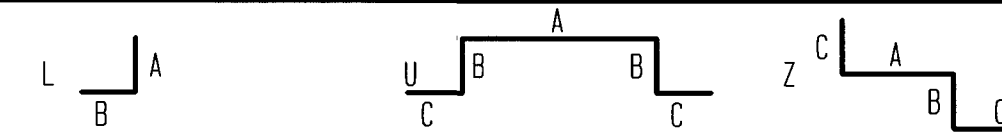
- NOTES:
- PIT DESIGN SPECIFICATIONS:  
THE PIT DESIGN IS BASED ON SUPERIMPOSED SCALE LOADS, NORMAL TRUCK SURCHARGE THAT GENERATES BEARING PRESSURE OF 3000 PSF. IF THE SOIL DOES NOT HAVE A BEARING PRESSURE OF AT LEAST 4000 PSF, AND ITS CAPACITY CANNOT BE INCREASED BY DRAINAGE, STABILIZATION, OR OTHER MEANS, PILE FOUNDATIONS SHALL BE PROVIDED (BY OTHERS) PER A.A.R. (2.22.19).
  - UNUSUAL CONDITIONS:  
FOR UNUSUAL SOIL OR LOADING CONDITIONS, ARCHITECTURAL REQUIREMENTS THIS DESIGN MUST BE ALTERED ACCORDINGLY. IN ALL CASES, THE PIT BOTTOM MUST BE BELOW THE FROST LINE.
  - DIMENSIONAL TOLERANCE:  
ALL INSIDE DIMENSIONS OF PIT, PIERS AND ANCHORS ARE TO BE LOCATED TRUE AND ACCURATE TO 1/8" OF DIMENSION GIVEN FROM PIT CENTERLINE. DIMENSIONS TO TOP OF PIERS FROM TOP OF CURB ANGLES MUST BE HELD +/- 1/8". TOP OF CURB ANGLES MUST BE LEVEL.
  - CONCRETE AND STEEL SPECIFICATIONS:  
USE 4000 PSI STRENGTH CONCRETE AT 28-DAY AGE. IF SUBJECT TO SEVERE WEATHER CONDITIONS, USE AIR-ENTRAINING AGENT. ALL REINFORCING STEEL TO BE DEFORMED BARS A.S.T.M. A-615 GRADE 60. ALL CONCRETE AND REINFORCING STEEL TO BE PLACED ACCORDING TO THE BEST PRACTICE AS PRESCRIBED BY THE LATEST AREMA MANUAL CHAPTER 8. REBAR MINIMUM DEPTH OF COVER SHOULD BE IN ACCORDANCE WITH THE LATEST ACI BUILDING CODE REQUIREMENTS OR STRUCTURAL CONCRETE (ACI 318-SECTION 7.7), UNLESS OTHERWISE SPECIFIED.
  - GENERAL INFORMATION:  
REBAR AND FOUNDATION FORMS, REINFORCING STEEL, CONCRETE, AND CURB ANGLES (AS ON T-205-21) TO BE FURNISHED BY CONTRACTOR.
  - APPROACHES:  
A MINIMUM OF 75 FT. OF STRAIGHT TRACK MUST BE PROVIDED AT EACH APPROACH TO THE WEIGHRAILS. THIS SHOULD INCLUDE A 25 FT. CONCRETE APPROACH SLAB AT EACH END OF THE SCALE PIT. REFER TO THE CORRESPONDING APPROACH DRAWING FOR FURTHER DETAIL. ALL WORK SHOULD COMPLY WITH STATE WEIGHTS AND MEASURES REGULATIONS.
  - CONSTRUCTION MATERIAL QUANTITIES:  
CONCRETE 120 CUBIC YARDS  
REINFORCING STEEL 11,719 POUNDS



**RECEIVER/BUMPER PLATE**  
ANCHOR BOLT LOCATION DIMENSIONS ARE FOR REFERENCE ONLY. USE BASEPLATES TO ESTABLISH ACTUAL POSITION OF ANCHORS.



**RECEIVER PLATE**  
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REINFORCING STEEL SCHEDULE (ASTM A-615 GRADE 60) BY OTHERS									
COLD FORM BARS TO INSIDE DIMENSIONS									
			SYM	SIZE	QTY	LOCATION	TOT. LGTH.	A	B
ST1	#6	137	UPPER FLR LATERAL	11'-3					2315
ST2	#4	61	LOWER FLR LATERAL	7'-6					305
ST3	#6	20	UPPER FLR LONG.	34'-4					1031
ST4	#4	60	LOWER FLR/SIDE WALL LONG.	33'-8					1349
ST5	#8	60	FLOOR UNDER CENTER PIERS	6'-0					961
ST6	#4	98	SIDE WALL IF VERT.	5'-10					382
ST7	#6	98	SIDE WALL OF VERT.	5'-10					859
ST8	#6	24	CENTER PIERS	5'-0					180
ST9	#6	8	UPPER END WALL HORIZ.	3'-1					37
ST10	#4	16	UPPER END WALL DIAG.	2'-8					28
L1	#6	162	SIDE WALL OF--FLR	6'-0	3'-0	3'-0			1460
L2	#6	16	END WALL IF--FLR	3'-8	0'-9	2'-11			88
L3	#8	30	END WALL OF--FLR	9'-0	3'-0	6'-0			721
L4	#6	8	END WALL--SIDE WALL	4'-0	2'-0	2'-0			48
U1	#8	20	END WALL--SIDE WALLS	15'-3	11'-3	2'-0			814
U2	#6	24	FLOOR--PIER--FLOOR	11'-9	3'-3	3'-3	1'-0		424
U3	#6	16	SIDE WALL--PIER--SIDE WALL	14'-5	3'-3	4'-7	1'-0		346
Z1	#6	12	END WALL--PIER--FLOOR	8'-6	3'-3	3'-3	1'-0		153
Z2	#6	16	SIDE WALL--PIER--FLOOR	9'-1	4'-7	2'-6	1'-0		218

REV	CHANGE	BY	DATE	SCALE	DATE
A	CHANGED NOTE #6	ELB	07/07/00	1/25	4/24/98
B	MOVED BASEPLATE FROM 40-1/4" CHANGED	DRN	07/07/00	1/25	4/24/98
C	QUANTITIES FOR ITEMS 11, 12, & 13	MT	07/07/00	1/25	4/24/98
D	NOTE 5 REF'D THE 75X10 ANGLE PRINT TB201374	BTS	08/23/07	1/25	4/24/98
E	PROFILE DEPTH (DIM TO TOP OF PIERS) WAS 44"	JLB	10/15/12	1/25	4/24/98

**METTLER TOLEDO**

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