



- NOTES:**
- PIT DESIGN IS BASED ON A MINIMUM SOIL BEARING CAPACITY OF 3000 LB/SQ.FT. FOR SOIL CONDITIONS WHICH DO NOT MEET THIS SPECIFICATION, CONSULT WITH THURMAN SCALE CO.
 - BOTTOM OF FOOTERS SHOULD EXTEND BELOW THE FROST LINE AND BE POURED MONOLITHICALLY WITH THE FLOOR SLAB. AN 18" FOOTER DEPTH IS MINIMUM.
 - REINFORCING STEEL IS TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.
 - CONCRETE OF 4000 PSI MINIMUM COMPRESSIVE STRENGTH IS REQUIRED WITH AIR ENTRAINMENT OF 5-7% IF SUBJECTED TO FREEZE/THAW CYCLES.
 - PIERS MUST BE LEVEL AND IN THE SAME PLANE WITHIN ±1/8".
 - EXCAVATION, FORMS, REINFORCING STEEL, PIT COPING ANGLES, CONCRETE AND OTHER CONSTRUCTION MATERIALS BY OTHERS.
 - ANCHOR BOLTS MAY EITHER BE POURED IN PLACE OR DRILLED. SEE DETAIL "D".
 - PIT FLOOR MUST HAVE AN EFFECTIVE DRAIN SYSTEM SO THAT THE PIT FLOOR REMAINS REASONABLY DRY AND CLEAN.
 - PIT REQUIREMENTS VARY FROM STATE TO STATE. CHECK WITH LOCAL WEIGHTS AND MEASURES DIVISION BEFORE CONSTRUCTION.
 - FOR WEIGHBRIDGE DECK REBAR PLACEMENT SCHEDULE, CONCRETE TOTALS, AND MANHOLE DETAILS SEE DRAWING NUMBER 75900-DK.

REBAR PLACEMENT SCHEDULE										
SYM.	QTY.	SIZE	LENGTH	A	B	C	D	WEIGHT	REMARKS	
S1	40	#4	9'-6"					254 LB	(20)EA. APPROACH, (10) TOP & BTM	
S2	40	#4	9'-6"					254	(20)EA. APPROACH, (10) TOP & BTM	
S4	44	#4	42'-0"					1235	(10)EACH SIDE WALL, (24)FLOOR	
S6	80	#4	11'-6"					615	(70) IN FLOOR, (5) EA. END WALL	
S7	32	#7	11'-6"					752	(8) EA. SET OF MAIN PIERS	
S8	16	#4	2'-6"					27	(2) EA. MAIN PIER	
S9	16	#4	2'-3"					24	(2) EA. MAIN PIER	
b1	52	#4	1'-6"	1'-0"	6"			52	(4) EA. PIER	
b2	48	#4	5'-0"	4'-6"	6"			160	(24) EA. END WALL	
b3	216	#4	5'-0"	4'-6"	6"			721	(108) EACH SIDE WALL	
b4	10	#4	20'-0"	11'-6"	4'-3"	4'-3"		134	(5) EA. END WALL	
								TOTAL REBAR WEIGHT = 4228 LBS.		

DRILLED	
TYPE	RECOMMENDED MANUFACTURER
ANCHORS	HILTI #HDI 3/4 IN. USE WITH 3/4 X 6 HEX BOLTS. DRILL DIA. 1, DEPTH 6
STUDS	PHILLIPS DRILL (RED HEAD) #WS 3484 DRILL DIA. 3/4, DRILL DEPTH 6

APPROX. EXCAVATION W/O OPTIONS	210 CU.YDS.
CONCRETE (*)	PIERS/FLOORS 28 CU.YDS. APPROACHES/WALLS 40 CU.YDS.

(*) CONCRETE QUANTITY IS CALCULATED FOR 6 IN. FLOOR AND 18 IN. FOOTER DEPTH.

THIS DRAWING IS SUPPLIED AS CHECKED BELOW:

REFERENCE (ESTIMATES ONLY, NOT FOR CONSTRUCTION)

CERTIFIED FOR CONSTRUCTION, THURMAN#

CUSTOMER: _____ DATE: _____

CUSTOMER APPROVAL, RETURN ONE COPY.

(ORDER ON HOLD UNTIL SIGNED COPY IS RETURNED)

APPROVED AS DRAWN, APPROVED BY: _____ DATE: _____

APPROVED AS NOTED, APPROVED BY: _____ DATE: _____

TOLERANCES (UNLESS OTHERWISE SPECIFIED) ± 1/8"

DATE: 04-11-01
DRAWN BY: HAWKINS

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TITLE: 8110E 55K CLC 80' x 10'
PIT (4 SECTION)

DRAWING NUMBER: 75910-DP
REV: 0