



FOUNDATION CONCRETE	
4000 PSI MINIMUM	
LOCATION	QTY (CU. YDS)
PIERS	2.0
FLOOR	6.5
WALLS	8.0
APPROACHES	5.5
TOTAL CONCRETE	22.0

DRILLED TYPE ANCHOR INFORMATION	
5/8 X 6" STUD TYPE ANCHORS	
DRILL DIA. 5/8"	
DRILL DEPTH 3 1/2"	
(DRILL TYPE ANCHORS ARE PROVIDED WITH THE SCALE)	

- NOTES:
- FOUNDATION DESIGN IS BASED ON A MINIMUM SOIL BEARING CAPACITY OF 1500 LB/SQ. FT. FOR SOIL CONDITIONS WHICH DO NOT MEET THIS SPECIFICATION, CONSULT WITH THE THURMAN SCALE COMPANY.
 - PIT FLOOR MUST HAVE AN EFFECTIVE DRAIN SYSTEM SO THAT THE PIT FLOOR REMAINS REASONABLY DRY AND CLEAN.
 - THE TOPS OF THE PIT WALLS MUST BE ABOVE THE EXISTING GRADE LEVEL SO THAT WATER WILL DRAIN AWAY FROM THE SCALE.
 - IN AREAS OF THE COUNTRY WHERE THERE IS SEVERE FREEZING, INCREASE THE DEPTH OF THE FOUNDATION SO THAT THE BOTTOM EXTENDS BELOW THE FROST LINE, OR PROVIDE A MINIMUM OF 12" FREE DRAINING GRANULAR MATERIAL TO PREVENT FROST HEAVE.
 - REINFORCING STEEL IS TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.
 - CONCRETE OF 4000 PSI MIN. COMPRESSIVE STRENGTH WITH AIR ENTRAINMENT 5-7% IS REQUIRED FOR PIT. CONSOLIDATE CONCRETE INTO POSITION BY VIBRATING.
 - PIERS MUST BE LEVEL AND IN THE SAME PLANE WITHIN ±1/8 INCH.
 - EXCAVATION, FORMS, REINFORCING STEEL, AND CONCRETE FURNISHED BY OTHERS.
 - DRILL TYPE ANCHOR BOLTS ARE RECOMMENDED. SEE SECTION B-B.
 - FOUNDATION REQUIREMENTS VARY FROM STATE TO STATE. CHECK WITH LOCAL WEIGHTS AND MEASURES DIVISION BEFORE CONSTRUCTION.

FOUNDATION REINFORCING SCHEDULE									
ASTM 615 - GRADE 60									
MARK	QTY	SIZE	LENGTH	A	B	C	WEIGHT (LBS)	REMARKS	
H1	22	#4	9'-6"				140	APPROACH - LONG.	
H2	20	#4	10'-6"				141	APPROACH - LAT.	
H3	8	#4	12'-6"				67	END WALL, O.F. - LAT.	
H4	16	#6	12'-6"				301	PIT FLOOR, TOP, SECTION - LAT.	
H5	10	#4	12'-6"				84	PIT FLOOR, BOTTOM, SECTION - LAT.	
H6	44	#4	7'-0"				206	PIT FLOOR, SECTION - LONG.	
H7	14	#4	11'-6"				108	SIDE WALLS - LONG.	
V1	26	#4	4'-0"				70	END WALL, I.F. - VERTICAL	
B1	22	#4	7'-6"	4'-6"	3'-0"		111	END WALL, O.F. - VERTICAL	
B2	28	#4	7'-6"	4'-6"	3'-0"		141	SIDE WALL - VERTICAL	
B3	16	#4	2'-3"	1'-9"	0'-6"		24	PIERS - VERTICAL	
B4	0	#4	12'-6"	2'-6"	3'-0"	2'-0"	0	INT. PIER / SIDE WALL	
B5	4	#4	10'-0"	3'-0"	3'-0"	2'-0"	27	END PIER / SIDE WALL / END WALL	
B6	8	#4	21'-0"	10'-8"	4'-8"		113	END WALL, I.F.	
TOTAL WEIGHT							1533		

THIS DRAWING IS SUPPLIED AS CHECKED BELOW:

CUSTOMER: _____ DATE: _____

CUSTOMER P.O.# _____ DATE: _____

(ORDER ON HOLD UNTIL SIGNED COPY IS RETURNED)

APPROVED AS DRAWN, APPROVED BY: _____ DATE: _____

APPROVED AS NOTED, APPROVED BY: _____ DATE: _____

UNLESS OTHERWISE SPECIFIED, DIMENSIONS IN INCHES, AND TOLERANCES ARE AS FOLLOWS: FRACTIONS: 1/8" ANGLES: 3-PLACE DECIMAL, 31.49 2-PLACE DECIMAL, 31.49 HOLE DIAMETERS: ±1/32"

8120E 90K CLC
10'x11' FOUNDATION DRAWING
4' DEEP PIT (2 SECTIONS)
M=117

THURMAN SCALE
SCALE: VARIES
DRAWING: _____
CHECKED: _____
DATE: 9/11/2020
APPROVED: _____
SHEET: 1 OF 1
DRAWING NUMBER: 92740-DP4