



FOUNDATION CONCRETE	
4000 PSI MINIMUM	
LOCATION	QTY (CU. YDS)
PIERS	1.5
FLOOR	40.5
WALLS	28.0
APPROACHES	6.0
TOTAL CONCRETE	76.0

FOUNDATION REINFORCING SCHEDULE									
ASTM 615 - GRADE 60									
REBAR B1, B2, B3		REBAR B4		REBAR B5		REBAR B6			
MARK	QTY	SIZE	LENGTH	A	B	C	WEIGHT (LBS)	REMARKS	
H1	24	#4	9'-6"				153	APPROACH - LONG.	
H2	20	#4	11'-6"				154	APPROACH - LAT.	
H3	8	#4	13'-6"				73	END WALL, O.F. - LAT.	
H4	32	#6	13'-6"				649	PIT FLOOR, TOP, SECTION - LAT.	
H5	20	#4	13'-6"				181	PIT FLOOR, BOTTOM, SECTION - LAT.	
H6	96	#4	7'-0"				449	PIT FLOOR, SECTION - LONG.	
H7	70	#4	17'-6"				819	SIDE WALLS - LONG.	
V1	28	#4	4'-0"				75	END WALL, I.F. - VERTICAL	
B1	24	#4	7'-6"	4'-6"	3'-0"		121	END WALL, O.F. - VERTICAL	
B2	200	#4	7'-6"	4'-6"	3'-0"		1002	SIDE WALL - VERTICAL	
B3	38	#4	2'-0"	1'-6"	0'-6"		51	PIERS - VERTICAL	
B4	4	#4	12'-6"	2'-6"	3'-0"	2'-0"	34	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	22'-0"	12'-8"	4'-8"		118	END WALL, I.F.	
TOTAL WEIGHT							3906		
PLUS APPROX. 600 SQFT. OF WWF 6X6 - W8XW8									

- 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.

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)

THIS DRAWING IS SUPPLIED AS CHECKED BELOW:

CUSTOMER: _____ DATE: _____
 CERTIFIED FOR CONSTRUCTION, THURMAN SERIAL# _____
 CUSTOMER P.O.# _____ 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: _____

8120E 90K CLC
 75'x12' FOUNDATION DRAWING
 4' DEEP PIT (4 SECTIONS)
 M=117

THURMAN SCALE

SCALE: VARIOUS
 SHEET: 1 OF 1
 DATE: 7/24/20
 DRAWING NUMBER: 92654-DP4