



FOUNDATION CONCRETE	
4000 PSI MINIMUM	
LOCATION	QTY (CU. YDS)
PIERS	1
FLOOR	23.5
WALLS	19.5
APPROACHES	5
TOTAL CONCRETE	49.0

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	20	#4	9'-6"				127	APPROACH - LONG.
H2	20	#4	9'-6"				127	APPROACH - LAT.
H3	8	#4	11'-6"				62	END WALL, O.F. - LAT.
H4	24	#6	11'-6"				415	PIT FLOOR, TOP, SECTION - LAT.
H5	15	#4	11'-6"				116	PIT FLOOR, BOTTOM, SECTION - LAT.
H6	60	#4	7'-0"				281	PIT FLOOR, SECTION - LONG.
H7	42	#4	19'-0"				534	SIDE WALLS - LONG.
V1	24	#4	4'-0"				65	END WALL, I.F. - VERTICAL
B1	20	#4	7'-6"	4'-6"	3'-0"		101	END WALL, O.F. - VERTICAL
B2	134	#4	7'-6"	4'-6"	3'-0"		672	SIDE WALL - VERTICAL
B3	28	#4	2'-0"	1'-6"	0'-6"		38	PIERS - VERTICAL
B4	2	#4	12'-6"	2'-6"	3'-0"	2'-0"	17	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	20'-0"	10'-8"	4'-8"		107	END WALL, I.F.
TOTAL WEIGHT							2689	
PLUS APPROX. 325 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.

THIS DRAWING IS SUPPLIED AS CHECKED BELOW:

CUSTOMER: _____ DATE: _____

APPROVED AS DRAWN, APPROVED BY: _____ DATE: _____

APPROVED AS NOTED, APPROVED BY: _____ DATE: _____

8120E 90K CLC
50'x10' FOUNDATION DRAWING
4' DEEP PIT (3 SECTIONS)
M=117

THURMAN SCALE

SCALE: VARIOUS
SHEET: 1 OF 1
DATE: 9/11/2020
DRAWING NUMBER: 92636-DP4