

Contractor: Contech Engineering Solutions

Plant: Beaver Dam



Slack: 11.036"

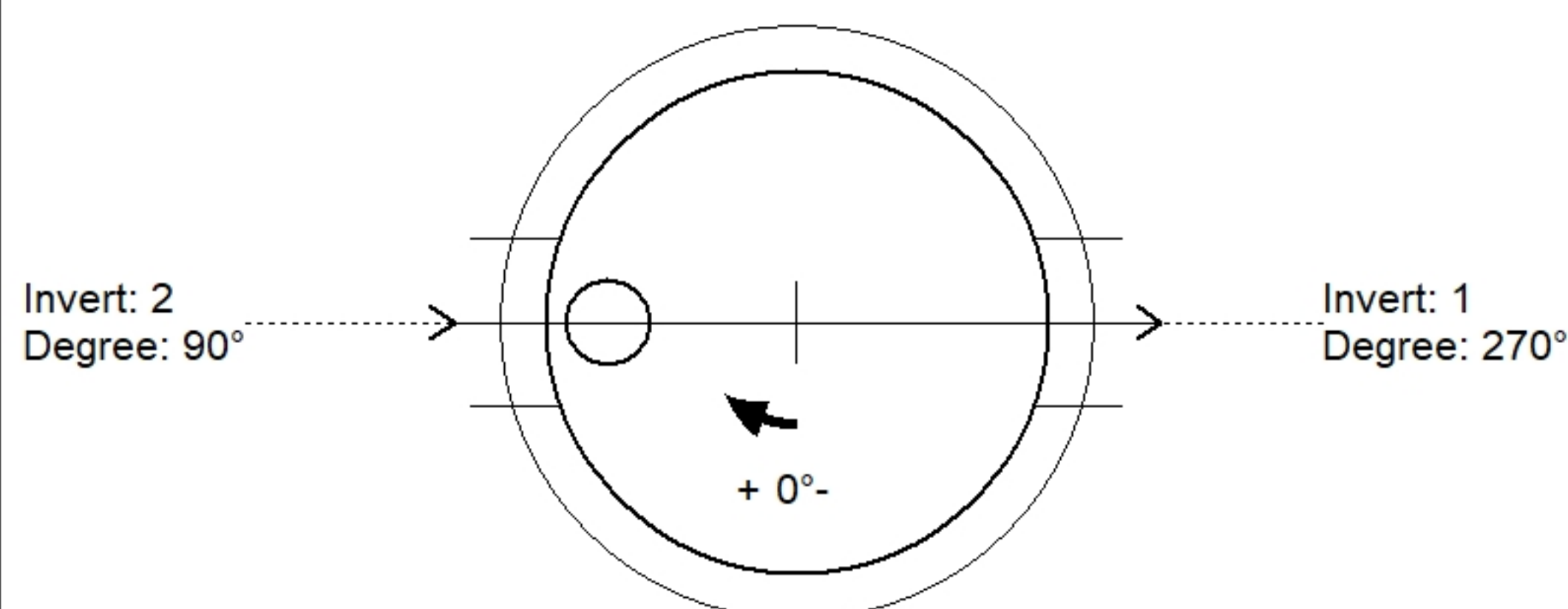
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. 4" CASTING BY OTHERS
4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE
5. ICAST TO INSTALL BRACKETS ONLY
6. CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE

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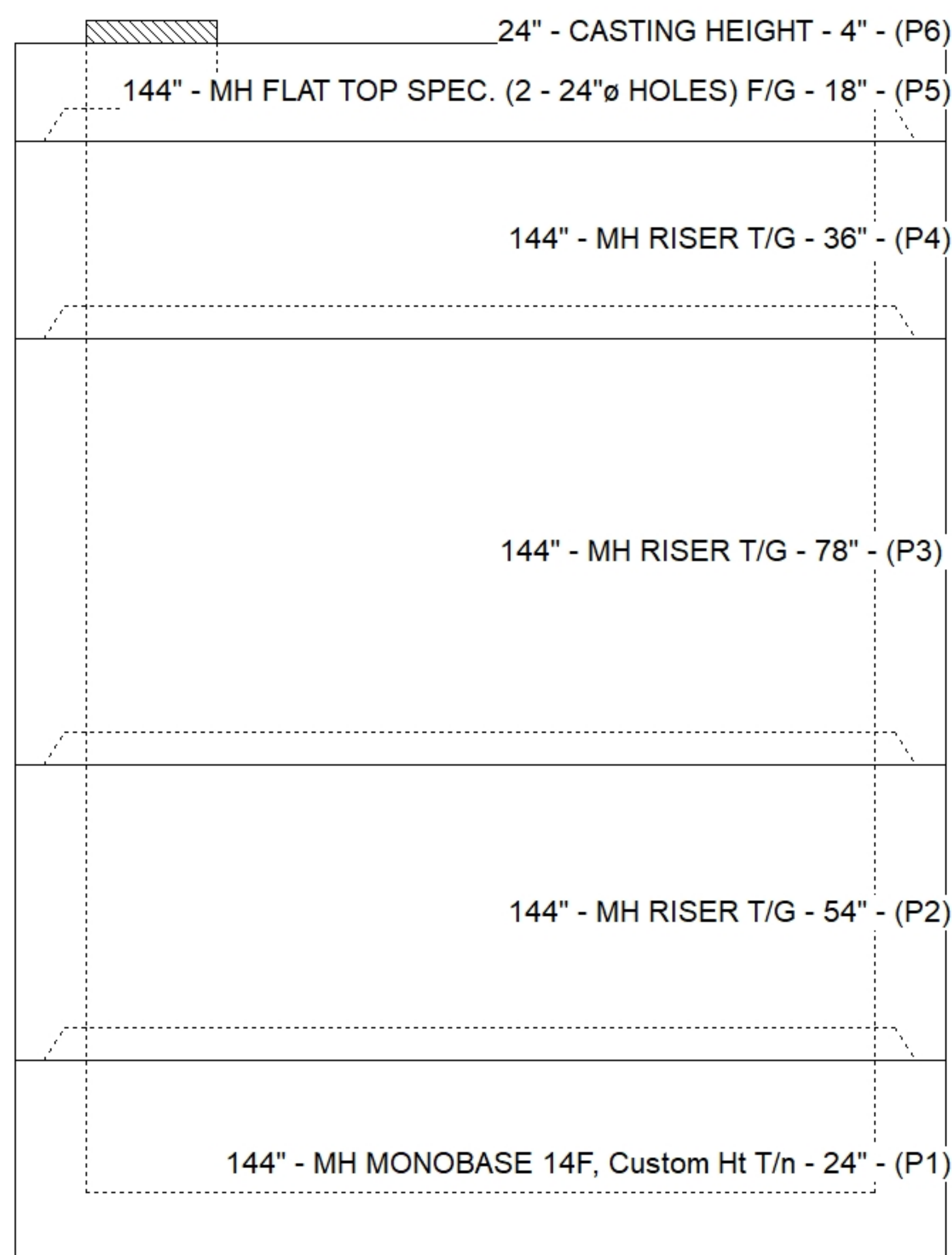
REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .36)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

P6) 24" - CASTING HEIGHT - 4"	0 lb
P5) 144" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18"	23623 lb
P4) 144" - MH RISER T/G - 36"	19370 lb
P3) 144" - MH RISER T/G - 78"	37954 lb
P2) 144" - MH RISER T/G - 54"	29054 lb
P1) 144" - MH MONOBASE 14F, Custom Ht T/n - 24"	39578 lb
1) ASSEMBLY REQUIRED - BRACKETS ONLY	0 lb
1) CVSTENCILING	0 lb
4) 144" - Conseal CS-102 1.00"	0 lb
1) 24" - Conseal CS-102 1.00"	0 lb
2) Hole - 48	0 lb
Structure Total:	149579 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	1019.05'							
Reducer								
Invert 1	1009.3'	270°	36" RCP B WALL	44"	48"	Hole 48	18.036"	P3
Invert 2	1009.3'	90°	36" RCP B WALL	44"	48"	Hole 48	18.036"	P3
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



SUBMITTAL
APPROVED BY: