

Job Name: 26-2485 855358 Fuqua Development
Job Location: Nicholasville, KY
Contractor: Contech Engineering Solutions

Plant: Beaver Dam

Tech: S. Felletter

6/5/2026 8:56:28 AM

PC: C. Goff



Structure ID: 20-CS-12

P1 MH144BVF

MH MONOBASE 14F, Custom Ht T/n

- P5) 24" - CASTING HEIGHT - 4"
P4) 144" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18"
P3) 144" - MH RISER Custom Ht T/G - 79"
P2) 144" - MH RISER Custom Ht T/G - 69"
P1) 144" - MH MONOBASE 14F, Custom Ht T/n - 24"
1) ASSEMBLY REQUIRED - BRACKETS ONLY
1) CVSTENCILING
3) 144" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
2) Hole - 48

- Structure Notes: .
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

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.

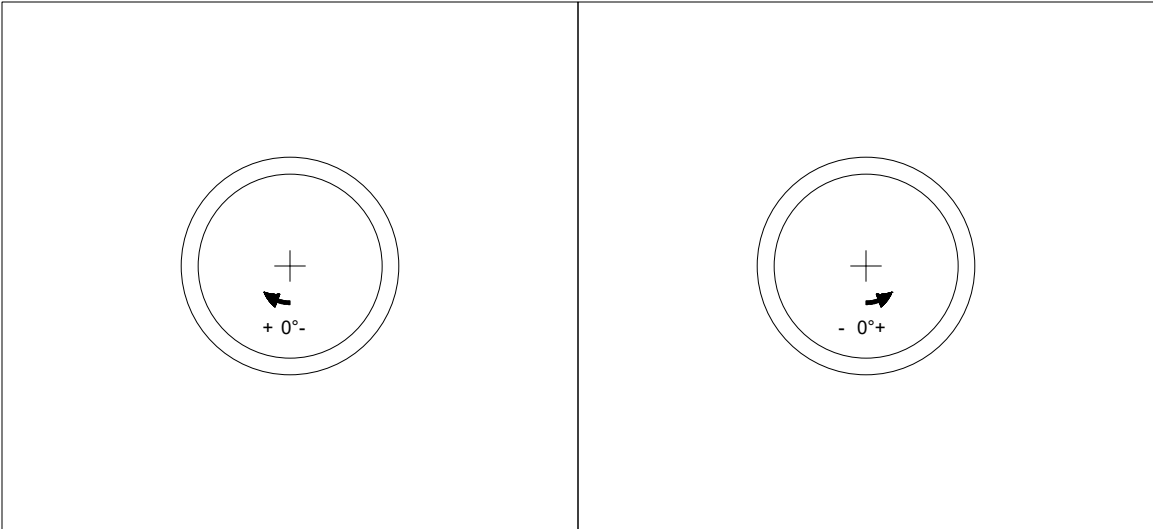
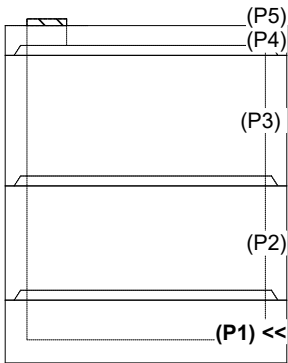
Structure Total: 138818 lb

Rim: 1000.5' Rim to Invert: 7.25' Slack: 1.036" Sump: 108.036" Step Position:

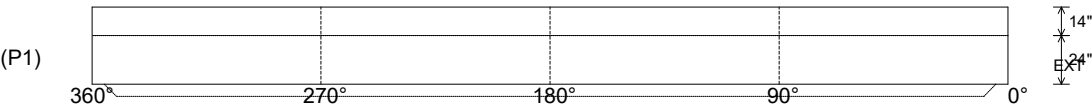
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 13" Floor Height: 14"	Height (Int): 24" Height (Ext): 38"	Weight (Net): 39578 lb Volume (Net): 10.11cu.yd
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