

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

Plant: Beaver Dam
 6/5/2026 8:57:16 AM

Tech: S. Felletter
 PC: C. Goff



Structure ID: 20-CS-12

P3 MH144RSVF

MH RISER Custom Ht T/G

- 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

- 0 lb
 23623 lb
 38492 lb
 37125 lb
 39578 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
- 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

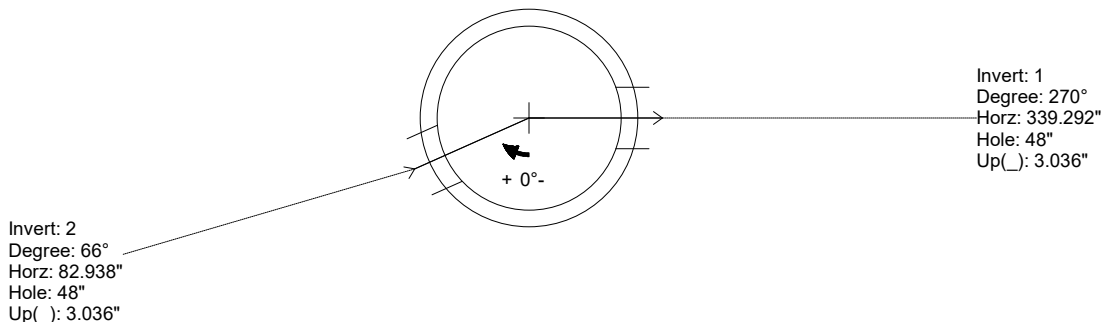
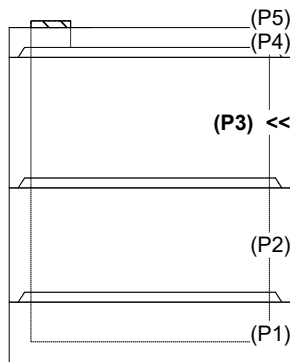
Structure Total: 138818 lb

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.

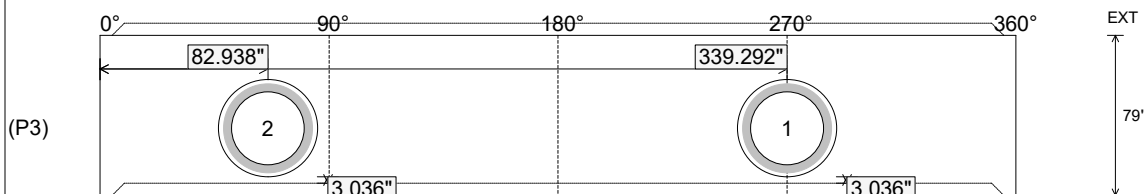
Rim: 1000.5' Rim to Invert: 7.25' Slack: 1.036" Sump: 108.036" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	993.25'	270°	400.553"	36" RCP B WALL	44"	Hole 48	48"	48.937"	3.036"	0"
Invert 2	993.25'	66°	97.913"	36" RCP B WALL	44"	Hole 48	48"	48.937"	3.036"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 13"
 Floor Height: 0"

Height (Int): 79"
 Height (Ext): 79"

Weight (Net): 38492 lb
 Volume (Net): 9.83cu.yd