

Job Name: 25-3062 Portland Bypass
Job Location: Portland, TN
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

6/1/2026 8:23:22 AM

Tech: J. Coppage

PC: C. Goff



Structure ID: MD-10

P1 MH084BAVF

MH BASE Custom Ht

- P5) 48" x 48" - CASTING HEIGHT - 0"
P4) 84" - MH FLAT TOP w/48"x48" Hole - 14.5"
P3) 84" - MH RISER - 48"
P2) 84" - MH RISER - 96"
P1) 84" - MH BASE Custom Ht - 93"
1) CASTING - JBS TYPE 39 TDOT GRATES (48" X 48")
3) 84" - Conseal CS-102 1.00"
1) 48" x 48" - Conseal CS-102 1.00"
2) Hole - 54

- Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. JBS TDOT TYPE 39 BY ICAST
4. REINFORCING PER TDOT DRAWING D-CB-39RB
ASTM A615 (GRADE 60).
5. PRODUCTION TO PLACE A 4.5" DEEP X 2" WIDE
RECESS IN THE TOP INSIDE OF THE 0 DEGREE
AND THE 180 DEGREE WALL OF THE TOP SLAB.

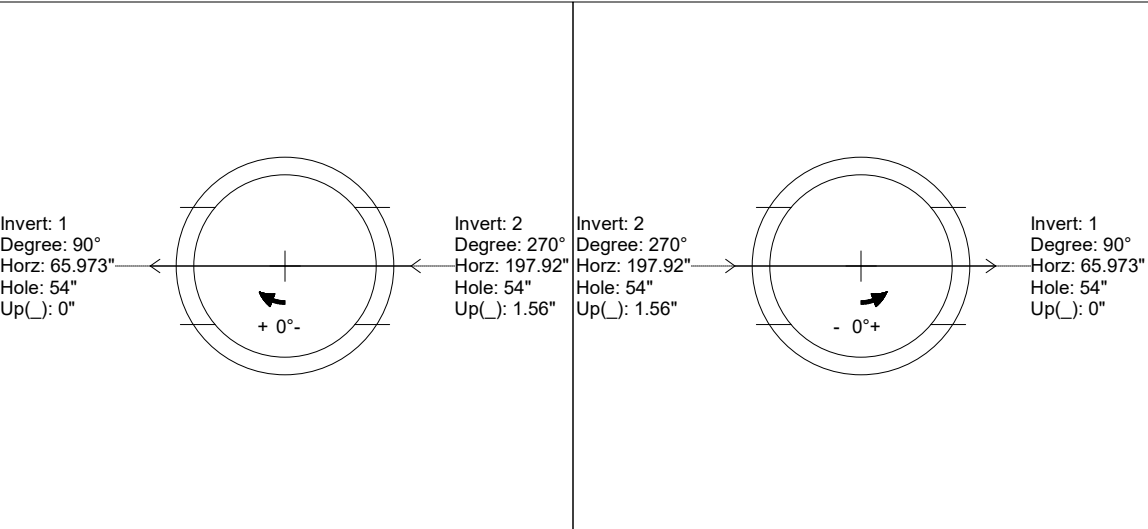
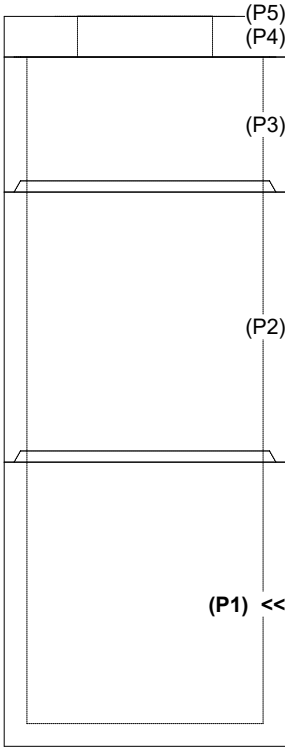
Structure Total: 55174 lb

Rim: 815.25' Rim to Invert: 20.6' Slack: 0.2' Sump: 4.5' Step Position:

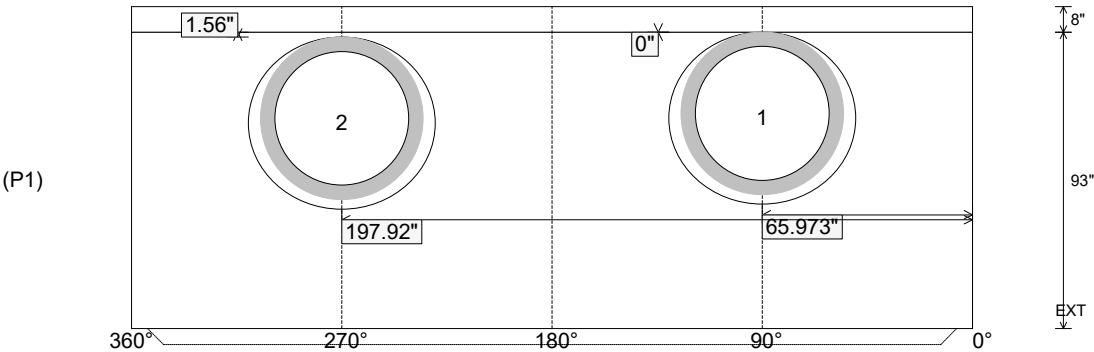
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	794.65'	90°	78.54"	42" RCP B WALL	51"	Hole 54	54"	58.651"	0"	0"
Invert 2	794.78'	270°	235.619"	42" RCP B WALL	51"	Hole 54	54"	58.651"	1.56"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Seam Up: Tongue Wall Thickness: 8" Height (Int): 93" Weight (Net): 20023 lb
Coating (Ext): Seam Dn: n/a Floor Height: 8" Height (Ext): 101" Volume (Net): 5.11cu.yd