

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

Plant: Beaver Dam
6/1/2026 8:22:49 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-15

P1 MH072BAVF

MH BASE Custom Ht

- P3) 28" x 34" - CASTING HEIGHT - 7"
P2) 72" - MH FLAT TOP - TDOT NO 12 (28"x34" Hole) - 10"
P1) 72" - MH BASE Custom Ht - 75"
1) CASTING - JBS-3123 MODIFIED SET
1) 72" - Conseal CS-102 1.00"
1) 28" x 34" - Conseal CS-102 1.00"
2) Hole - 58 x 42
1) Hole - 6

- Structure Notes:
1. PER TDOT D-CB-12RB / ASTM C478 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. JBS 3123 MOD SINGLE SET BY ICAST
4. REINFORCING PER ASTM A615 (GRADE 60).
** PER TDOT STD DRAWING D-CB-12RB **
- TOP SLAB - DBL MAT #5 BARS.
- RISER (As .18)
- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Structure Total:

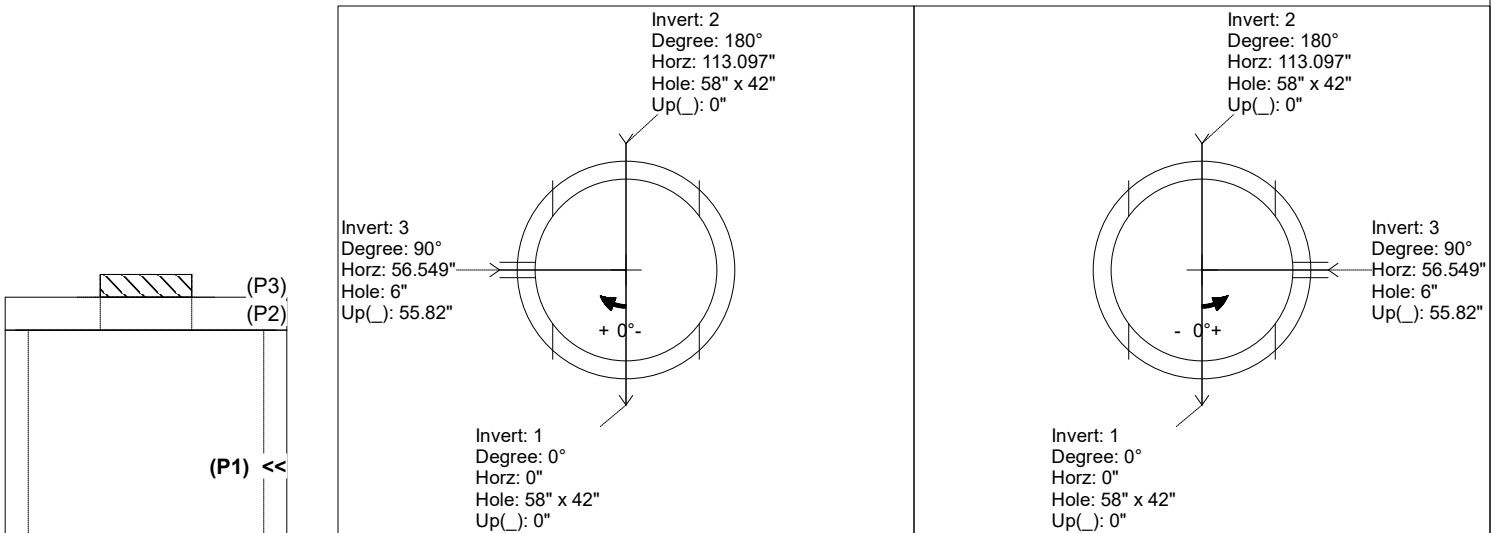
16932 lb

Rim: 812.48' Rim to Invert: 7.31' Slack: 0.22" Sump: 4.5" Step Position:

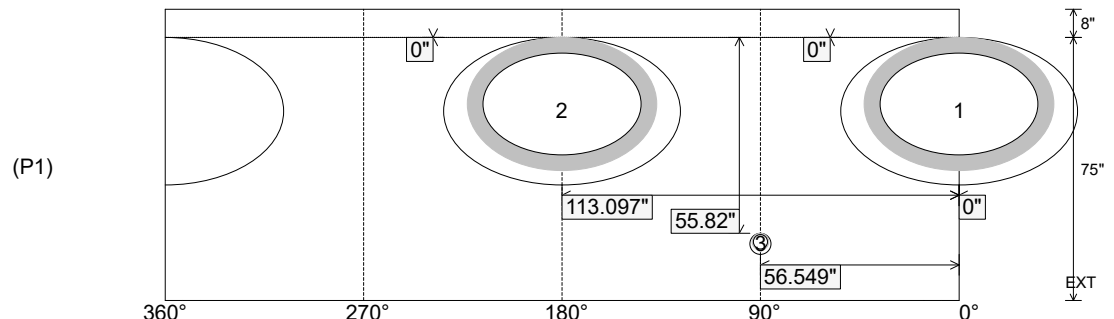
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	805.17'	0°	0"	45" x 29" ELL RCP	54" x 38"	Hole 58 x 42	58" x 42"	67.436"	0"	0"
Invert 2	805.17'	180°	135.088"	45" x 29" ELL RCP	54" x 38"	Hole 58 x 42	58" x 42"	67.436"	0"	0"
Invert 3	809.48'	90°	67.544"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.007"	55.82"	0"
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: Flat
Seam Dn: n/a

Wall Thickness: 7"
Floor Height: 8"

Height (Int): 75"
Height (Ext): 83"

Weight (Net): 12276 lb
Volume (Net): 3.14cu.yd