

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

Plant: Beaver Dam
6/1/2026 8:22:42 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-8

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"
1) Hole - 40
2) Hole - 32
1) Hole - 10

- Structure Notes:
1. PER TDOT D-CB-12RB / ASTM C478 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. JBS 3123 MOD SINGLE SET BY ICAST
5. 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.

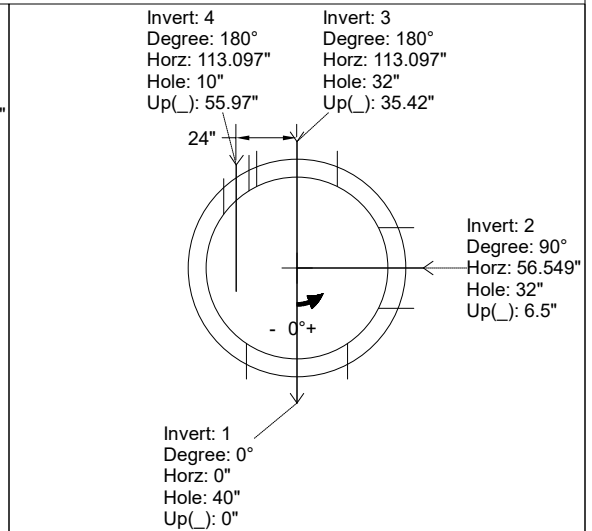
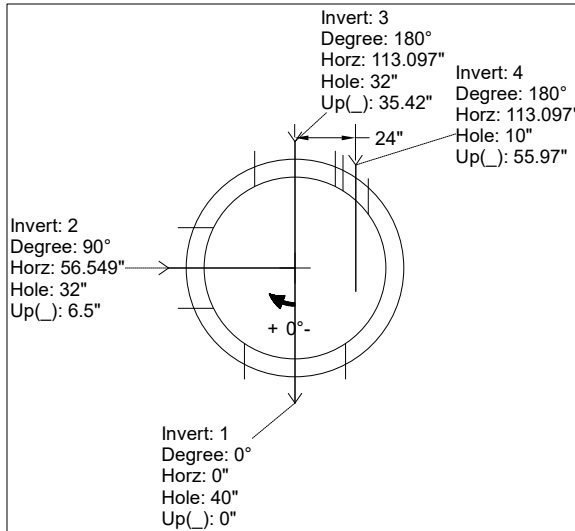
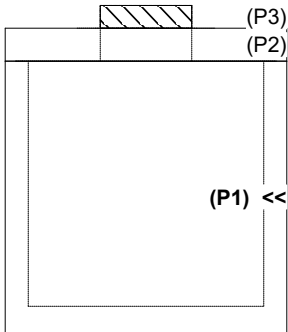
Structure Total: 17979 lb

Rim: 798.53' Rim to Invert: 7.41' Slack: 0.42' Sump: 3.5' Step Position:

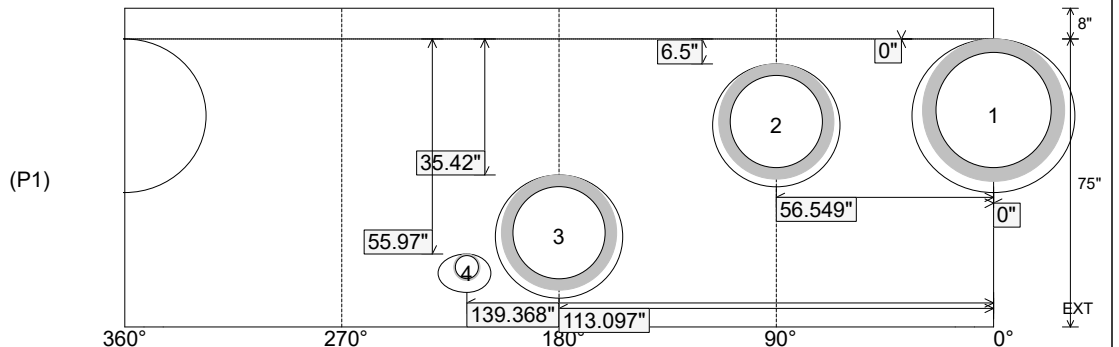
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	791.12'	0°	0"	30" RCP B WALL	37"	Hole 40	40"	42.41"	0"	0"
Invert 2	791.62'	90°	67.544"	24" RCP B WALL	30"	Hole 32	32"	33.16"	6.5"	0"
Invert 3	794.03'	180°	135.088"	24" RCP B WALL	30"	Hole 32	32"	33.16"	35.42"	0"
Invert 4	795.53'	180°	160.551"	6" HDPE (perf pipe)	6.9"	Hole 10	10"	13.703"	55.97"	24"
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): 13323 lb
Volume (Net): 3.4cu.yd