

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

Plant: Beaver Dam
6/1/2026 8:23:08 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-34

P1 MH084BAVF

MH BASE Custom Ht

P4) 28" x 34" - CASTING HEIGHT - 7"
P3) 84" - MH FLAT TOP - TDOT NO 31RC (28"x34" HOLE) - 10"
P2) 84" - MH RISER - 36"
P1) 84" - MH BASE Custom Ht - 71"
1) CASTING - JBS-3123 MODIFIED SET
2) 84" - Conseal CS-102 1.00"
1) 28" x 34" - Conseal CS-102 1.00"
2) Hole - 54
1) Hole - 32
1) Hole - 6

0 lb
5411 lb
6966 lb
15202 lb
250 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
Structure Notes:
1. PER TDOT D-CB-12RC / 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-12RC **
- TOP SLAB - DBL MAT #5 BARS.
- RISER (As .18)
- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

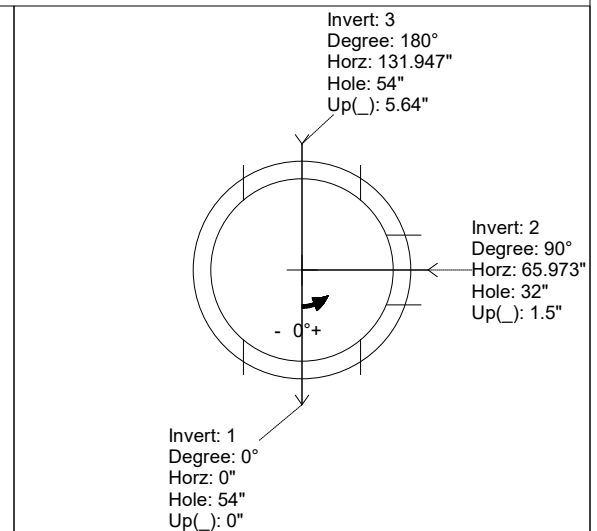
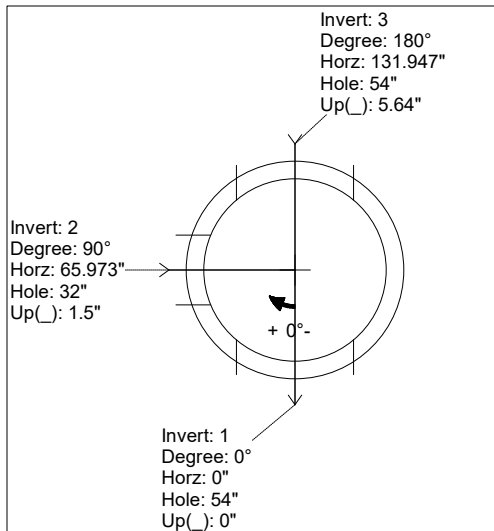
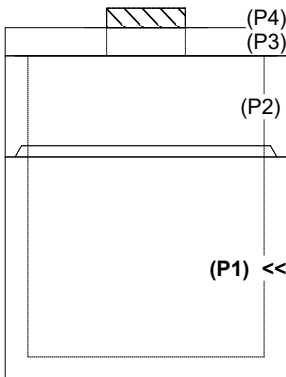
Structure Total: 27829 lb

Rim: 814.57' Rim to Invert: 10.03' Slack: 0.86" Sump: 4.5" Step Position:

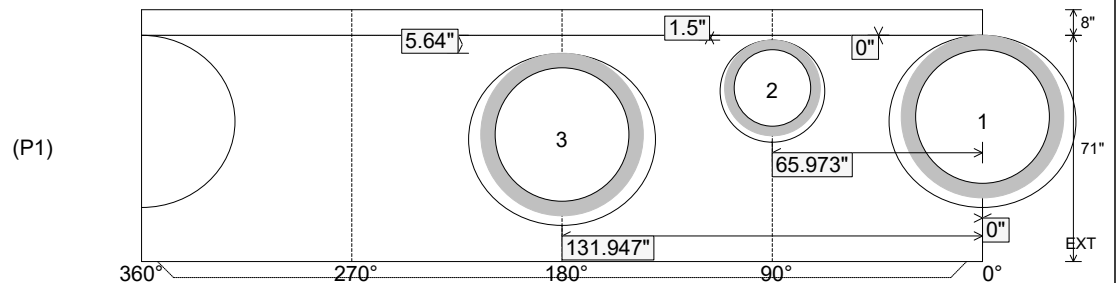
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	804.54'	0°	0"	42" RCP B WALL	51"	Hole 54	54"	58.651"	0"	0"
Invert 2	804.54'	90°	78.54"	24" RCP B WALL	30"	Hole 32	32"	32.829"	1.5"	0"
Invert 3	805.01'	180°	157.08"	42" RCP B WALL	51"	Hole 54	54"	58.651"	5.64"	0"
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: Tongue
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 71"
Height (Ext): 79"

Weight (Net): 15202 lb
Volume (Net): 3.88cu.yd