

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

Plant: Beaver Dam
6/1/2026 8:22:51 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-17

P1 BX4848-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

- P3) 28" x 34" - CASTING HEIGHT - 7"
P2) 48" x 48" - BX FLAT LID 8"W - TDOT 12SB (28"x34" Hole) - 10"
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 34"
1) CASTING - JBS-3123 MODIFIED SET
1) 48" x 48" - Conseal CS-102 1.00"
1) 28" x 34" - Conseal CS-102 1.00"
2) Hole - 40 x 28
1) Hole - 6

- Structure Notes:
1. PER TDOT D-CB-12SB / ASTM C913 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).
** SEE TDOT STD DRAWING D-CB-12SB **
- TOP SLAB - DBL MAT #5 BARS.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Structure Total:

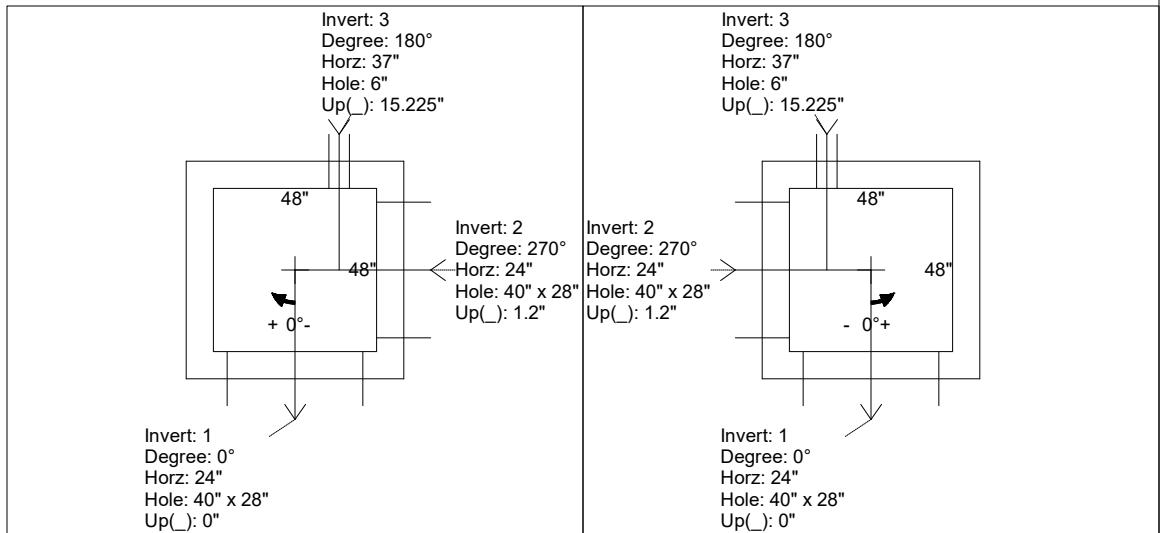
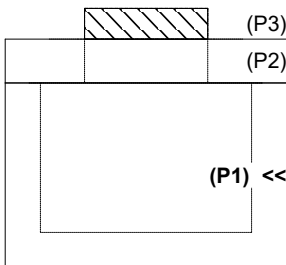
9550 lb

Rim: 783.27' Rim to Invert: 4' Slack: 0.625" Sump: 3.625" Step Position:

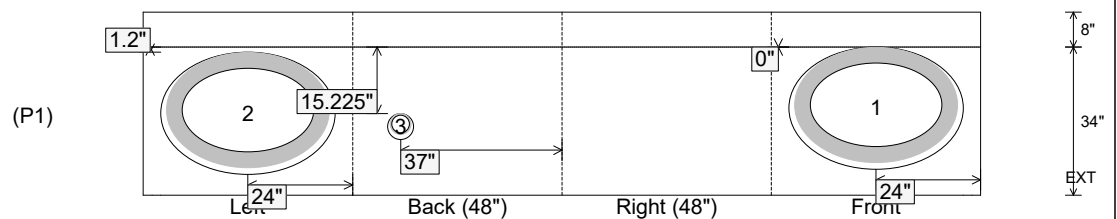
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	779.27'	0°	32"	30" x 19" ELL RCP	37.375" x 26.438"	Hole 40 x 28	40" x 28"	40"	0"	0"
Invert 2	779.37'	270°	32"	30" x 19" ELL RCP	37.375" x 26.438"	Hole 40 x 28	40" x 28"	40"	1.2"	0"
Invert 3	780.27'	180°	45"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	15.225"	13"
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: 8"
Floor Height: 8"

Height (Int): 34"
Height (Ext): 42"

Weight (Net): 6662 lb
Volume (Net): 1.7cu.yd