

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

Plant: Beaver Dam
6/1/2026 8:22:52 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-18

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 - 39"
1) CASTING - JBS-3123 MODIFIED SET
1) 48" x 48" - Conseal CS-102 1.00"
1) 28" x 34" - Conseal CS-102 1.00"
1) Hole - 40 x 28
1) Hole - 32
1) Hole - 6

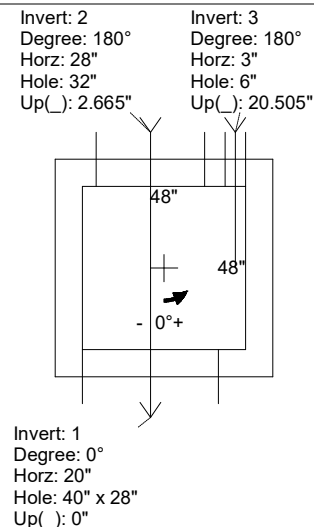
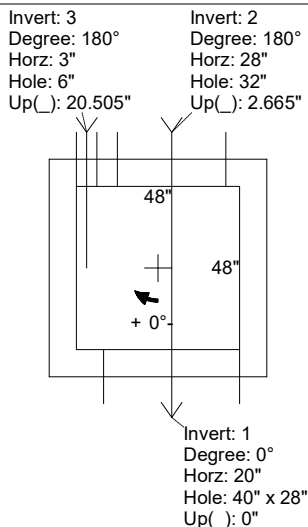
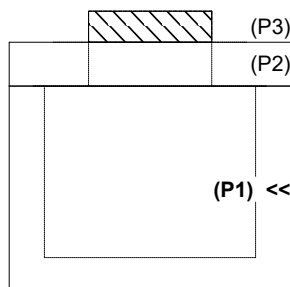
- 0 lb
2638 lb
7743 lb
250 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 10631 lb
- Structure Notes:**
1. PER TDOT D-CB-12SB / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. JBS 3123 MOD SINGLE SET BY ICAST
5. REINFORCING PER ASTM A615 (GRADE 60).
** SEE TDOT STD DRAWING 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.

Rim: 785.88' Rim to Invert: 4.44' Slack: 0.905' Sump: 3.625' Step Position:

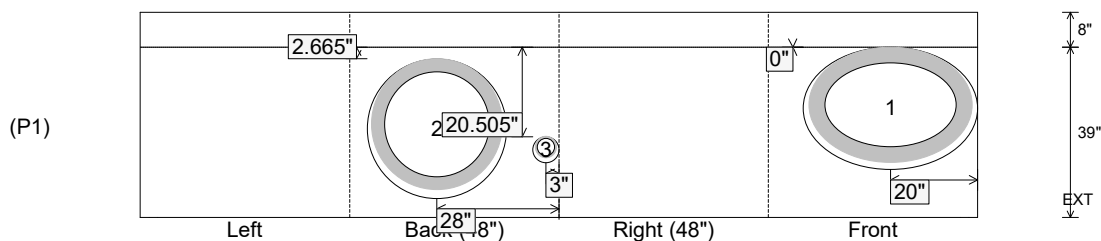
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	781.44'	0°	28"	30" x 19" ELL RCP	37.375" x 26.438"	Hole 40 x 28	40" x 28"	40"	0"	-4"
Invert 2	781.61'	180°	36"	24" RCP B WALL	30"	Hole 32	32"	32"	2.665"	4"
Invert 3	782.88'	180°	11"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	20.505"	-21"
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): 39"
Height (Ext): 47"

Weight (Net): 7743 lb
Volume (Net): 1.98cu.yd