

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

Plant: Beaver Dam  
6/1/2026 8:22:36 AM

Tech: J. Coppage  
PC: C. Goff



## Structure ID: CB-1

### P1 BX3648-08BAVF

### BOX BASE 8inW, 8inF, Variable Ht

- P3) 28" x 34" - CASTING HEIGHT - 7"  
P2) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) - 10"  
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 31"  
1) CASTING - JBS-3123 MODIFIED SET  
1) 36" x 48" - Conseal CS-102 1.00"  
1) 28" x 34" - Conseal CS-102 1.00"  
1) Hole - 40 x 28  
1) Hole - 25  
1) Hole - 6

- 0 lb  
2044 lb  
5528 lb  
250 lb  
0 lb  
0 lb  
0 lb  
0 lb  
0 lb  
-----  
7822 lb
- Structure Notes:**  
1. PER TDOT D-CB-12S / 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-12S \*\*  
- 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.

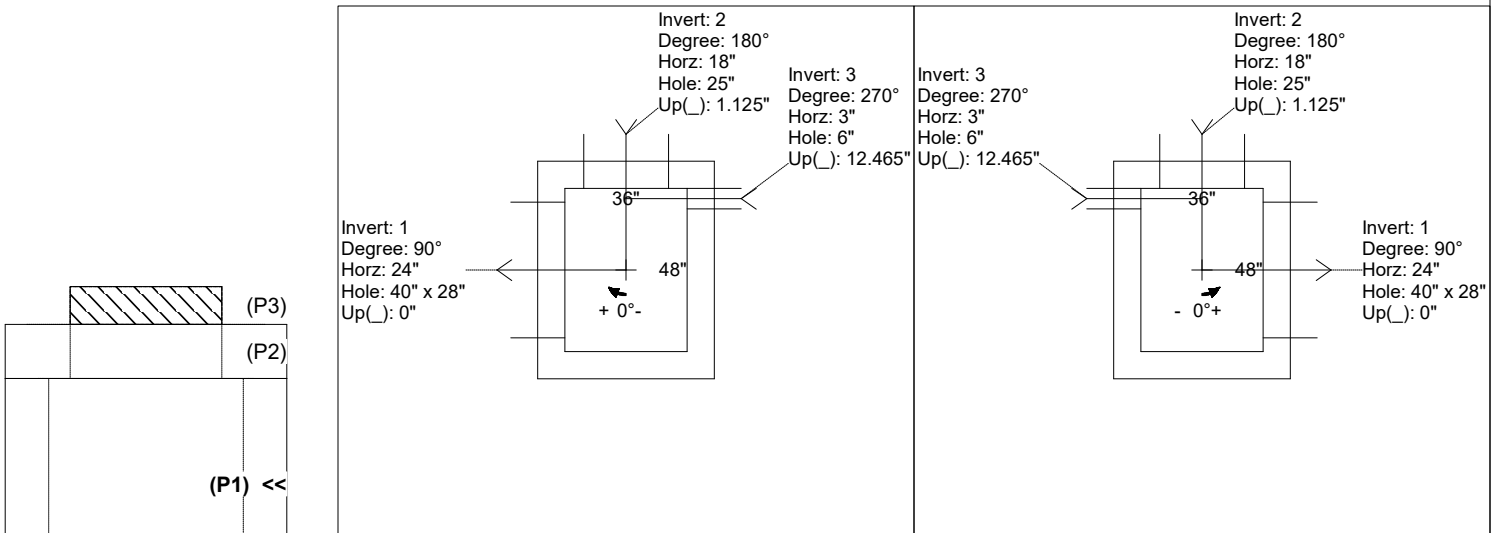
Structure Total:

Rim: 783.27' Rim to Invert: 3.77' Slack: 0.865' Sump: 3.625' Step Position:

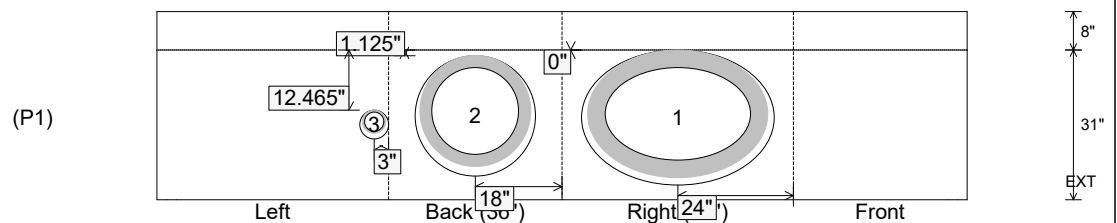
| Position | Elev    | Angle | Ext. (cw) | Pipe                | Pipe OD           | Connector    | Hole      | Horz Size | Up ( )  | Offset |
|----------|---------|-------|-----------|---------------------|-------------------|--------------|-----------|-----------|---------|--------|
| Invert 1 | 779.5'  | 90°   | 32"       | 30" x 19" ELL RCP   | 37.375" x 26.438" | Hole 40 x 28 | 40" x 28" | 40"       | 0"      | 0"     |
| Invert 2 | 779.5'  | 180°  | 26"       | 18" RCP B WALL      | 23"               | Hole 25      | 25"       | 25"       | 1.125"  | 0"     |
| Invert 3 | 780.27' | 270°  | 11"       | 4" HDPE (perf pipe) | 4.8"              | Hole 6       | 6"        | 6"        | 12.465" | -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): 31"  
Height (Ext): 39"

Weight (Net): 5528 lb  
Volume (Net): 1.41cu.yd