

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

Plant: Beaver Dam  
6/1/2026 8:23:21 AM

Tech: J. Coppage  
PC: C. Goff



Structure ID: MD-7

P1 BX4848-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

P2) 48" x 48" - CASTING HEIGHT - 0"  
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 38"  
1) CASTING - JBS TYPE 39 TDOT GRATES (48" X 48")  
1) Hole - 26

0 lb  
8107 lb  
459 lb  
0 lb  
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Structure Total: 8566 lb

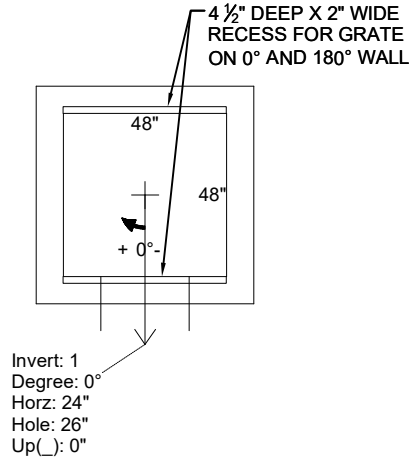
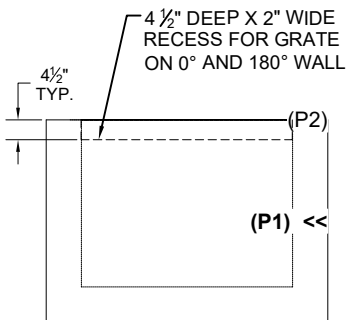
Structure Notes:  
1. PER ASTM C913 SPECIFICATIONS.  
2. CONCRETE = 4,000 PSI AT 28 DAYS.  
3. JBS TDOT TYPE 39 BY ICAST  
4. REINFORCING PER TDOT DRAWING D-CB-39S  
ASTM A615 (GRADE 60).  
5. PRODUCTION TO PLACE A 4.5" DEEP X 2" WIDE  
RECESS IN THE TOP INSIDE OF THE 0 DEGREE  
AND THE 180 DEGREE WALL OF THE BASE.

Rim: 800.2' Rim to Invert: 2.99' Slack: 0.38" Sump: 2.5" Step Position:

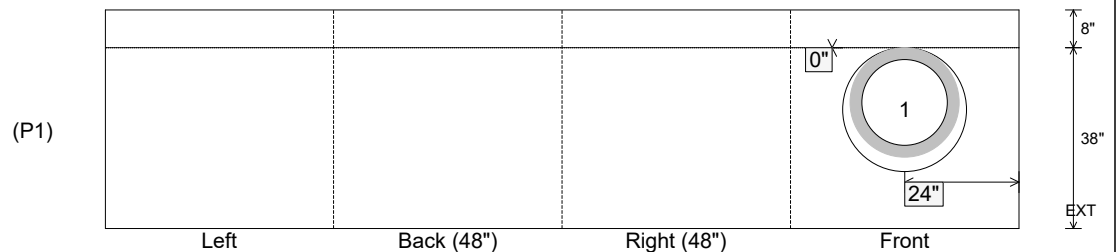
| Position | Elev    | Angle | Ext. (cw) | Pipe           | Pipe OD | Connector | Hole | Horz Size | Up ( _ ) | Offset |
|----------|---------|-------|-----------|----------------|---------|-----------|------|-----------|----------|--------|
| Invert 1 | 797.21' | 0°    | 32"       | 18" RCP B WALL | 23"     | Hole 26   | 26"  | 26"       | 0"       | 0"     |
| Invert 2 |         |       |           |                |         |           |      |           |          |        |
| Invert 3 |         |       |           |                |         |           |      |           |          |        |
| 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): 38"  
Height (Ext): 46"

Weight (Net): 8107 lb  
Volume (Net): 2.07cu.yd