

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

Plant: Beaver Dam  
6/1/2026 8:23:34 AM

Tech: J. Coppage  
PC: C. Goff



Structure ID: MD-30

P1 BX4896-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

- P2) 48" x 96" - CASTING HEIGHT - 0"  
P1) 48" x 96" - BOX BASE 8inW, 8inF, Variable Ht - 54"  
1) SECONDARY POUR - WALLS  
1) CASTING - JBS TYPE 40 TDOT GRATES (48" X 96")  
1) 48" x 96" - SGL 1"x14.5' Butyl (2x)  
2) Hole - 26

Structure Total:

- 0 lb  
15699 lb  
0 lb  
459 lb  
0 lb  
0 lb  
16158 lb
- Structure Notes:  
1. PER ASTM C913 SPECIFICATIONS.  
2. CONCRETE = 4,000 PSI AT 28 DAYS.  
3. JBS TDOT TYPE 40 BY ICAST  
4. REINFORCING PER TDOT DRAWING D-CB-40S  
ASTM A615 (GRADE 60).  
5. PRODUCTION TO PLACE A 4.5" DEEP X 2" WIDE  
RECESS IN THE TOP INSIDE OF THE 90 DEGREE  
AND THE 270 DEGREE WALL OF THE BASE.

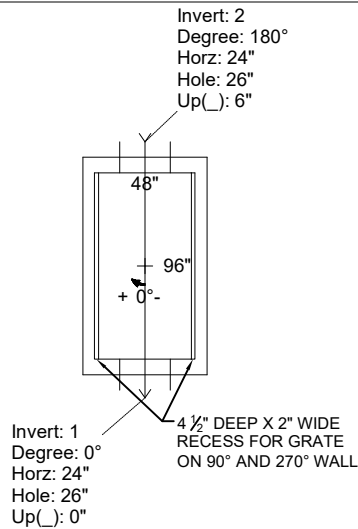
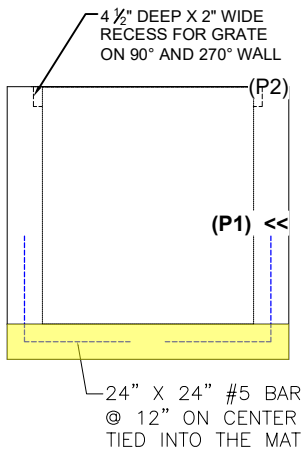
FIRST POUR DRAWING

Rim: 753.6' Rim to Invert: 4.34' Slack: 0.58' Sump: 2.5' Step Position:

| Position | Elev    | Angle | Ext. (cw) | Pipe           | Pipe OD | Connector | Hole | Horz Size | Up ( ) | Offset |
|----------|---------|-------|-----------|----------------|---------|-----------|------|-----------|--------|--------|
| Invert 1 | 749.26' | 0°    | 32"       | 18" RCP B WALL | 23"     | Hole 26   | 26"  | 26"       | 0"     | 0"     |
| Invert 2 | 749.76' | 180°  | 32"       | 18" RCP B WALL | 23"     | Hole 26   | 26"  | 26"       | 6"     | 0"     |
| Invert 3 |         |       |           |                |         |           |      |           |        |        |
| Invert 4 |         |       |           |                |         |           |      |           |        |        |
| Invert 5 |         |       |           |                |         |           |      |           |        |        |
| Invert 6 |         |       |           |                |         |           |      |           |        |        |
| Invert 7 |         |       |           |                |         |           |      |           |        |        |
| Invert 8 |         |       |           |                |         |           |      |           |        |        |

RIGHT-SIDE UP VIEW (int. dimensions)

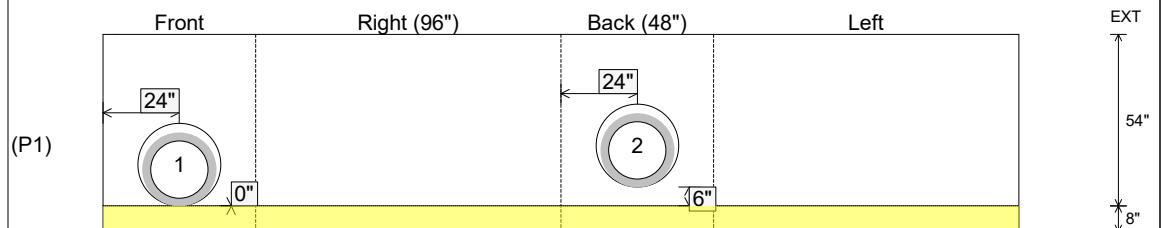
UPSIDE-DOWN VIEW (int. dimensions)



WEIGHT

FIRST POUR: 4,812 LBS  
SECOND POUR: 10,887 LBS  
TOTAL: 15,699 LBS

INSIDE WALL DIMENSIONS



Coating (Int):  
Coating (Ext):

Seam Up: Flat  
Seam Dn: n/a

Wall Thickness: 8"  
Floor Height: 8"

Height (Int): 54"  
Height (Ext): 62"

Weight (Net): 15699 lb  
Volume (Net): 4.01cu.yd

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Structure Total: 16158 lb

SECOND POUR DRAWING

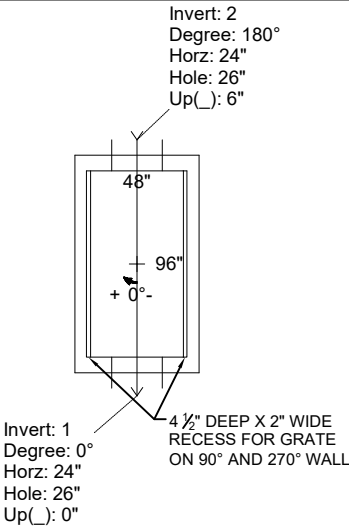
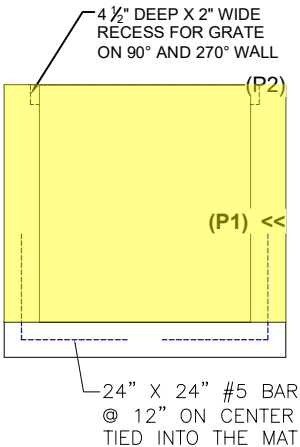
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|----------|---------|-------|-----------|----------------|---------|-----------|------|-----------|--------|--------|
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| Invert 6 |         |       |           |                |         |           |      |           |        |        |
| Invert 7 |         |       |           |                |         |           |      |           |        |        |
| Invert 8 |         |       |           |                |         |           |      |           |        |        |

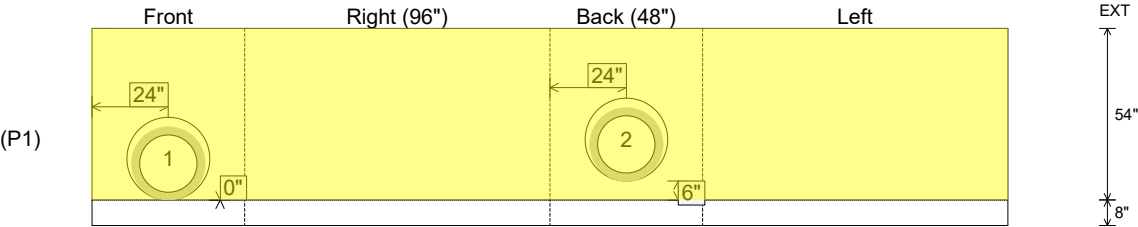
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

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