

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

Plant: Beaver Dam
6/1/2026 8:23:37 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: MD-34

P1 BX4896-08BA54

BOX BASE 8inW, 8inF

- P2) 48" x 96" - CASTING HEIGHT - 0"
P1) 48" x 96" - BOX BASE 8inW, 8inF - 54"
1) SECONDARY POUR - WALLS
1) CASTING - JBS TYPE 39 TDOT GRATES (48" X 48")
1) 48" x 96" - SGL 1"x14.5' Butyl (2x)
2) Hole - 58 x 42

- 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.

Structure Total: 14302 lb

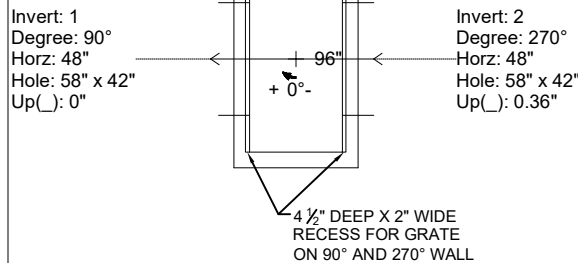
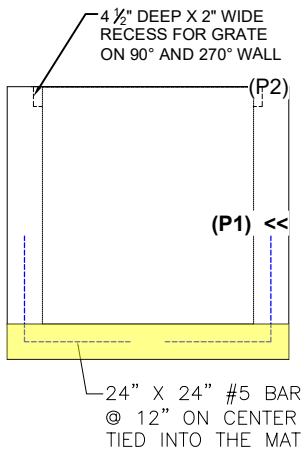
FIRST POUR DRAWING

Rim: 759.99' Rim to Invert: 4.26' Slack: 1.62' Sump: 4.5' Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	755.73'	90°	56"	45" x 29" ELL RCP	54" x 38"	Hole 58 x 42	58" x 42"	58"	0"	0"
Invert 2	755.76'	270°	56"	45" x 29" ELL RCP	54" x 38"	Hole 58 x 42	58" x 42"	58"	0.36"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



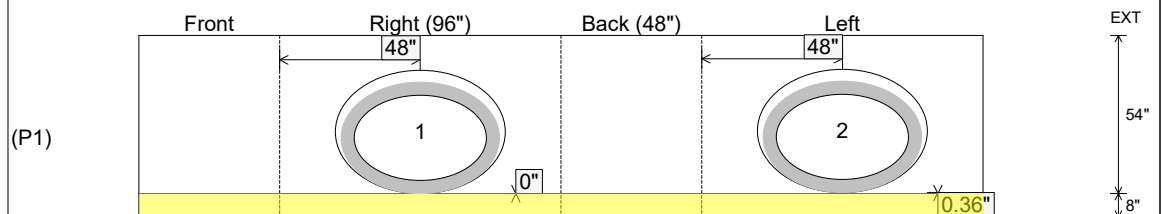
WEIGHT

FIRST POUR: 4,812 LBS

SECOND POUR: 9,031 LBS

TOTAL: 13,843 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): 13843 lb
Volume (Net): 3.54cu.yd

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0 lb
13843 lb
0 lb
459 lb
0 lb
0 lb
Structure Total: 14302 lb

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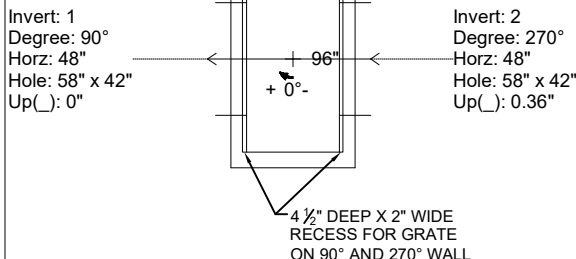
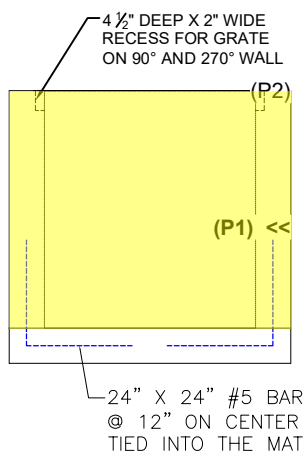
SECOND POUR DRAWING

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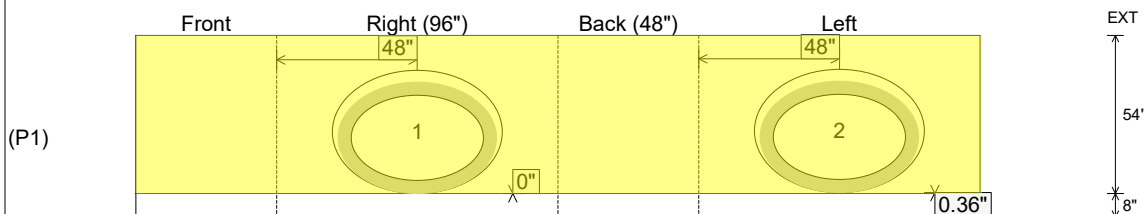
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



WEIGHT
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SECOND POUR: 9,031 LBS
TOTAL: 13,843 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): 13843 lb Volume (Net): 3.54cu.yd
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