

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

Plant: Beaver Dam
6/1/2026 8:23:18 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: MD-2

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 - 38"
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 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 0 DEGREE
AND THE 180 DEGREE WALL OF THE BASE.

Structure Total: 12721 lb

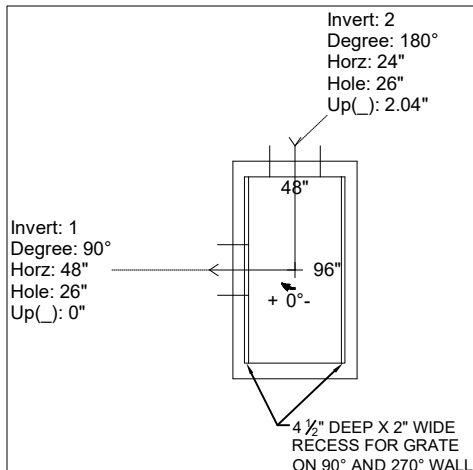
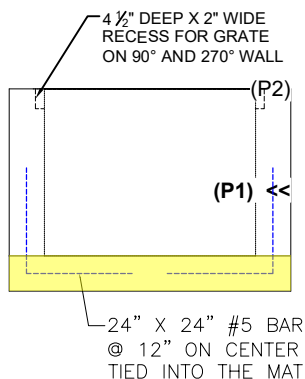
FIRST POUR DRAWING

Rim: 801.96' Rim to Invert: 2.97' Slack: 0.14" Sump: 2.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (°)	Offset
Invert 1	798.99'	90°	56"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2	799.16'	180°	32"	18" RCP B WALL	23"	Hole 26	26"	26"	2.04"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

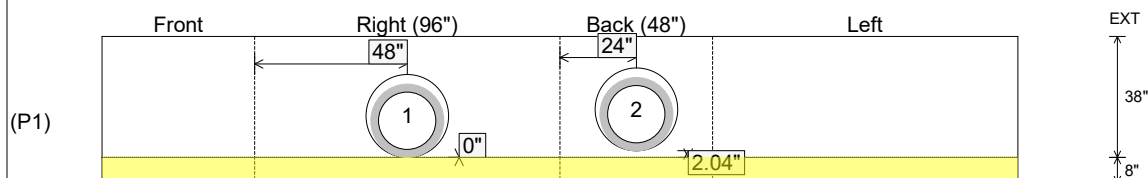
UPSIDE-DOWN VIEW (int. dimensions)



WEIGHT

FIRST POUR: 4,812 LBS
SECOND POUR: 7,450 LBS
TOTAL: 12,262 LBS

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): 12262 lb
Volume (Net): 3.13cu.yd

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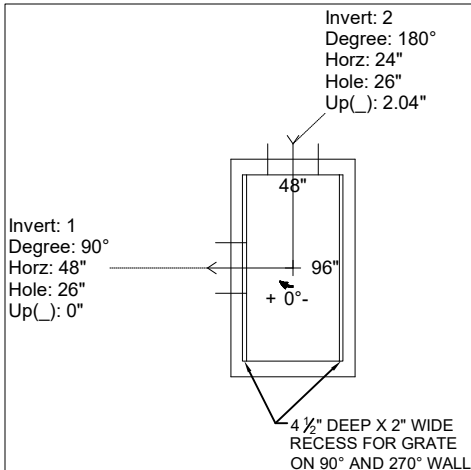
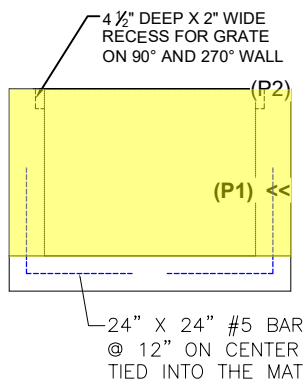
SECOND POUR DRAWING

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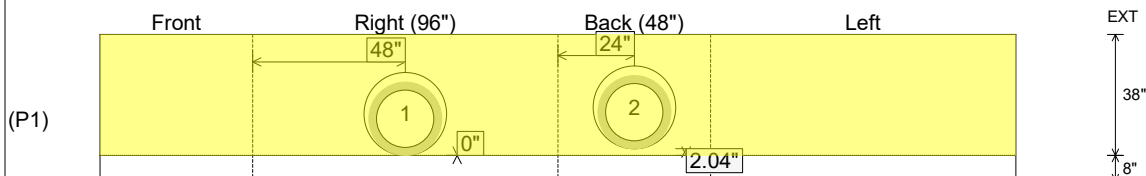
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



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