

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

Plant: Beaver Dam
6/1/2026 8:23:36 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: MD-33

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 - 37"
1) SECONDARY POUR - WALLS
1) CASTING - JBS TYPE 40 TDOT GRATES (48" X 96")
1) 48" x 96" - SGL 1"x14.5' Butyl (2x)
1) Hole - 25

Structure Total: 12889 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.

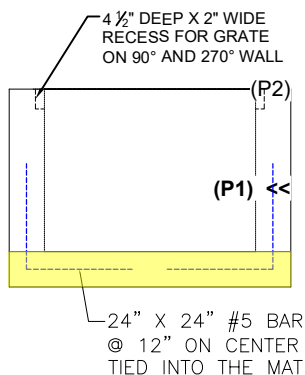
FIRST POUR DRAWING

Rim: 759.38' Rim to Invert: 2.84' Slack: -0.42' Sump: 2.5' Step Position:

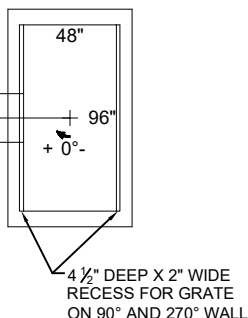
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	756.54'	90°	56"	18" RCP B WALL	23"	Hole 25	25"	25"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



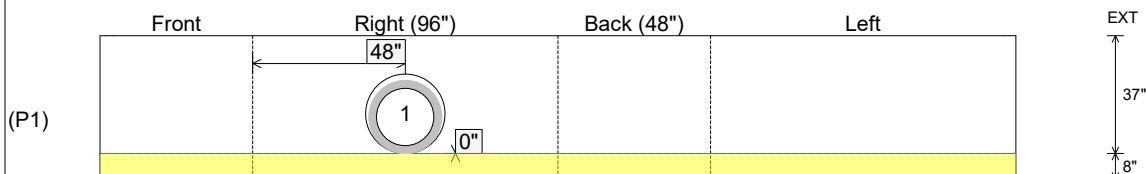
Invert: 1
Degree: 90°
Horz: 48"
Hole: 25"
Up(↓): 0"



WEIGHT

FIRST POUR: 4,812 LBS
SECOND POUR: 7,618 LBS
TOTAL: 12,430 LBS

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 37"
Height (Ext): 45"

Weight (Net): 12430 lb
Volume (Net): 3.18cu.yd

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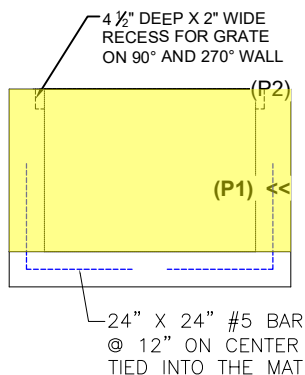
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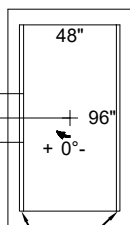
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UPSIDE-DOWN VIEW (int. dimensions)

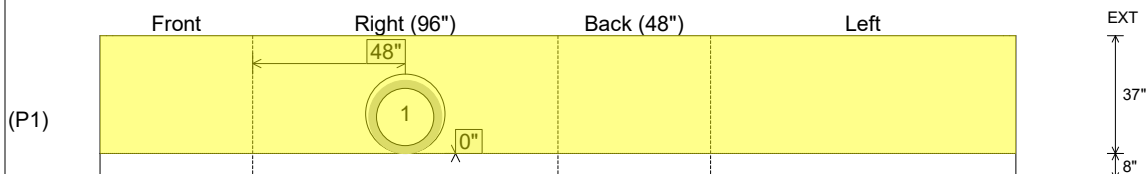


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