

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

Plant: Beaver Dam

Tech: J. Coppage

6/1/2026 8:23:23 AM

PC: C. Goff



Structure ID: MD-12

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 - 42"
1) CASTING - JBS TYPE 39 TDOT GRATES (48" X 48")
1) Hole - 26

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.

0 lb
8709 lb
459 lb
0 lb

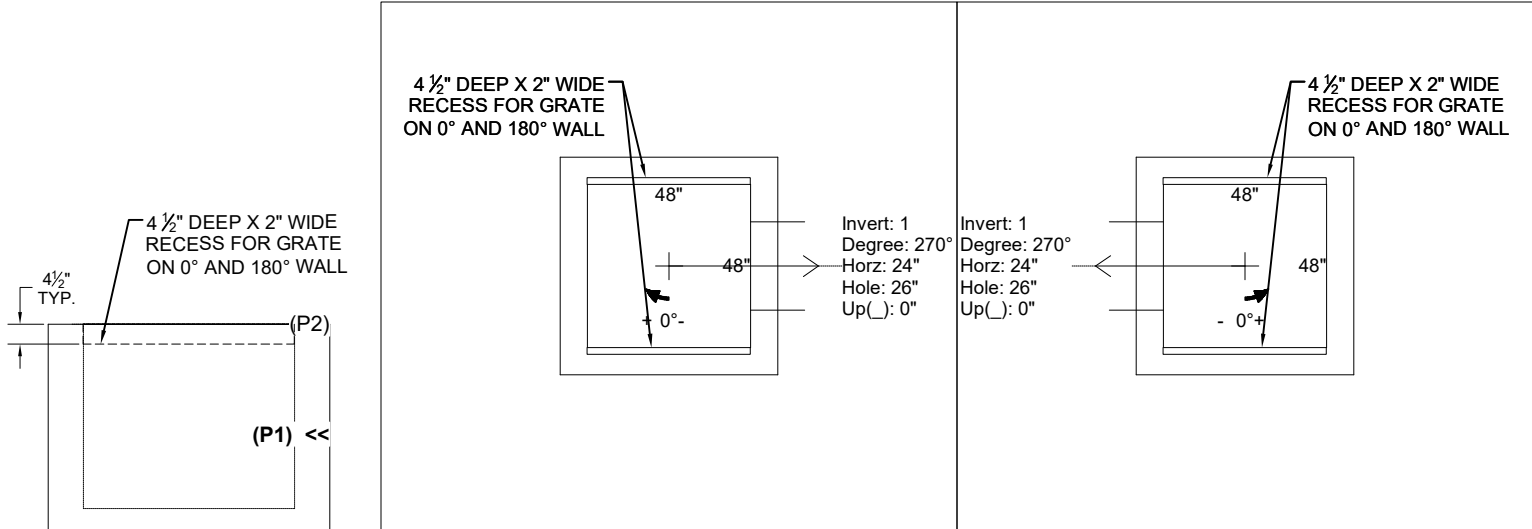
Structure Total: 9168 lb

Rim: 767.13' Rim to Invert: 3.29' Slack: -0.02" Sump: 2.5" Step Position:

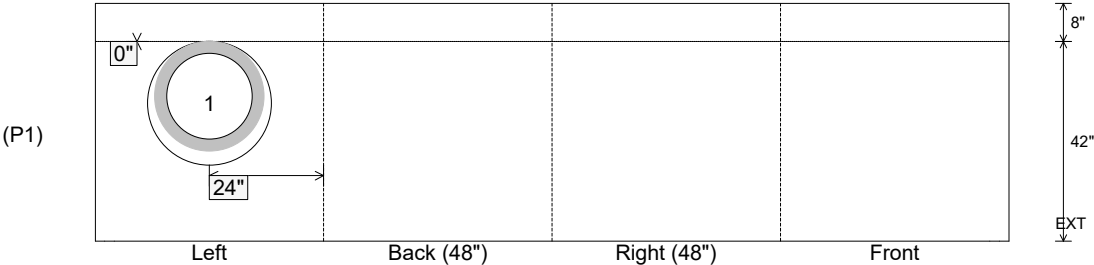
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	763.84'	270°	32"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Flat	Wall Thickness: 8"	Height (Int): 42"	Weight (Net): 8709 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 8"	Height (Ext): 50"	Volume (Net): 2.22cu.yd