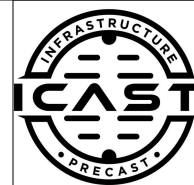


Job Name: 25-3062 Portland Bypass
Job Location: Portland, TN
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam
6/1/2026 8:23:28 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: MD-20

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 - 37"
1) CASTING - JBS TYPE 39 TDOT GRATES (48" X 48")
1) Hole - 25

0 lb
7984 lb
459 lb
0 lb

Structure Total: 8443 lb

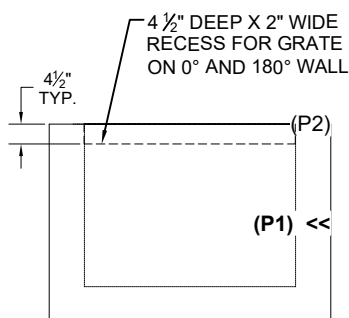
Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. JBS TDOT TYPE 39 BY ICAST
4. REINFORCING PER TDOT DRAWING D-CB-39S
ASTM A615 (GRADE 60).
5. PRODUCTION TO PLACE A 4.5" DEEP X 2" WIDE
RECESS IN THE TOP INSIDE OF THE 0 DEGREE
AND THE 180 DEGREE WALL OF THE BASE.

Rim: 774.58' Rim to Invert: 2.84' Slack: -0.42" Sump: 2.5" Step Position:

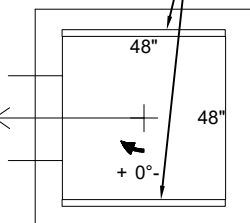
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	771.74'	90°	32"	18" RCP B WALL	23"	Hole 25	25"	25"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

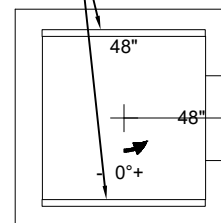
UPSIDE-DOWN VIEW (int. dimensions)



Invert: 1
Degree: 90°
Horz: 24"
Hole: 25"
Up(): 0"



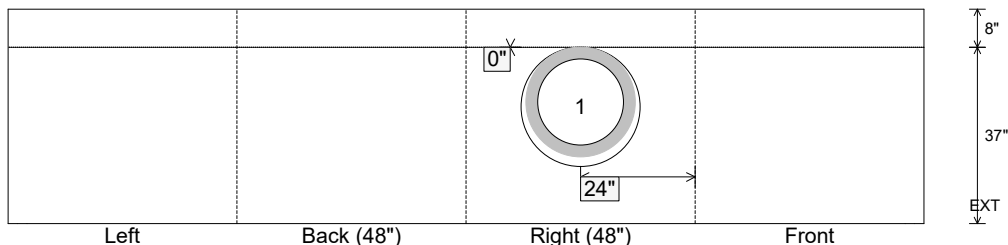
4 1/2" DEEP X 2" WIDE
RECESS FOR GRATE
ON 0° AND 180° WALL



Invert: 1
Degree: 90°
Horz: 24"
Hole: 25"
Up(): 0"

INSIDE WALL DIMENSIONS

(P1)



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): 7984 lb
Volume (Net): 2.04cu.yd