

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

Plant: Beaver Dam
6/1/2026 8:23:30 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: MD-24

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 - 71"
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 - 40
1) Hole - 32

Structure Total: 19139 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.

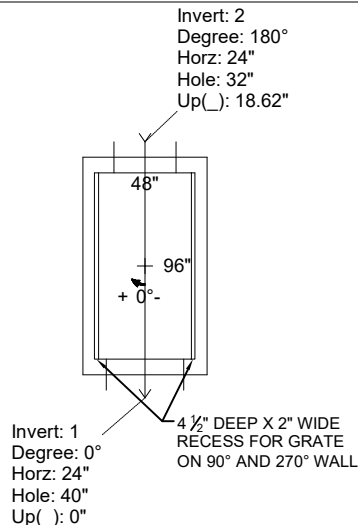
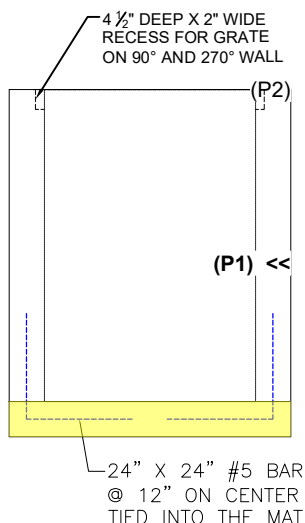
FIRST POUR DRAWING

Rim: 769.64' Rim to Invert: 5.65' Slack: 0.3" Sump: 3.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	763.99'	0°	32"	30" RCP B WALL	37"	Hole 40	40"	40"	0"	0"
Invert 2	765.5'	180°	32"	24" RCP B WALL	30"	Hole 32	32"	32"	18.62"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

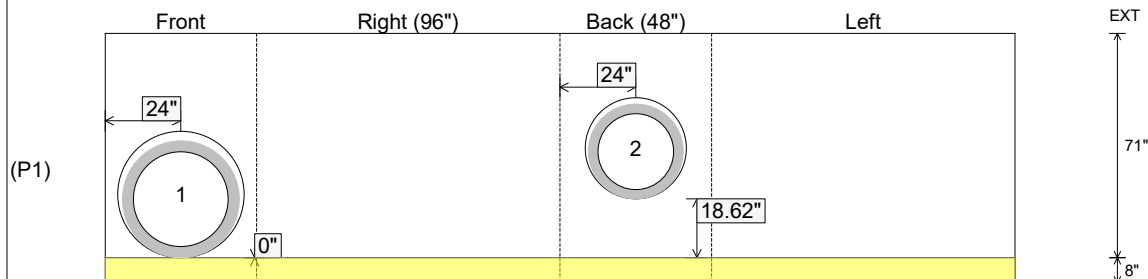
UPSIDE-DOWN VIEW (int. dimensions)



WEIGHT

FIRST POUR: 4,812 LBS
SECOND POUR: 13,868 LBS
TOTAL: 18,680 LBS

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 71"
Height (Ext): 79"

Weight (Net): 18680 lb
Volume (Net): 4.77cu.yd

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

Plant: Beaver Dam
6/1/2026 8:23:30 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: MD-24

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 - 71"
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 - 40
1) Hole - 32

Structure Total:

- 0 lb
18680 lb
0 lb
459 lb
0 lb
0 lb
0 lb
0 lb
19139 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.

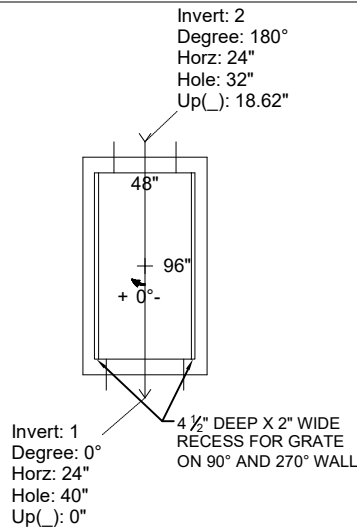
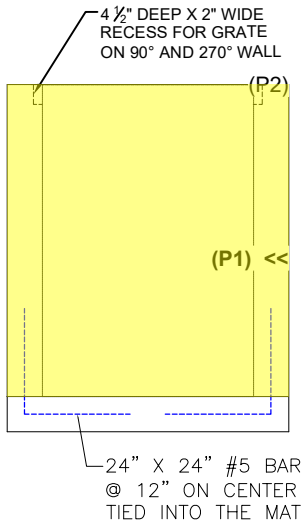
SECOND POUR DRAWING

Rim: 769.64' Rim to Invert: 5.65' Slack: 0.3" Sump: 3.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	763.99'	0°	32"	30" RCP B WALL	37"	Hole 40	40"	40"	0"	0"
Invert 2	765.5'	180°	32"	24" RCP B WALL	30"	Hole 32	32"	32"	18.62"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

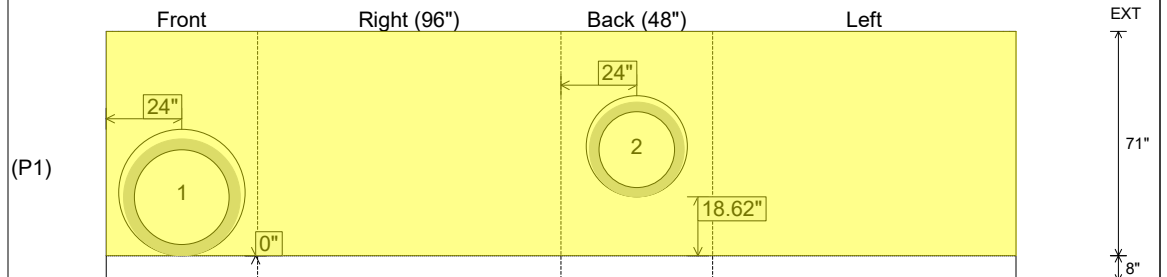
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



WEIGHT
FIRST POUR: 4,812 LBS
SECOND POUR: 13,868 LBS
TOTAL: 18,680 LBS

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 71"
Height (Ext): 79"

Weight (Net): 18680 lb
Volume (Net): 4.77cu.yd