

Job Name: 24-2447 Pikeville WWTP
 Job Location: Pikeville, TN
 Contractor: Oakley Equipment LLC

Plant: Beaver Dam

4/28/2026 10:38:44 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: OCS-1

P1 BX4848-08BAVF-EB

BX BASE w/FLANGE 08W/08F/08EF

- P2) 48" x 48" - CASTING HEIGHT - 0"
- P1) 48" x 48" - BX BASE w/FLANGE 08W/08F/08EF - 54"
- 1) CASTING - TRASHRACKS LPK-48 Sq. Top Mount Trash Rack
- 1) SECONDARY POUR - EXT FLANGE
- 1) Hole - 32"
- 1) Orifice - 4"

0 lb
 11868 lb
 326 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 12194 lb

- Structure Notes:**
1. TRASH RACK LPK-4848 PROVIDED BY ICAST.
 2. PER ASTM C913 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .31) #5 BARS AT 12" C.C.E.W..
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

FIRST POUR DRAWING - WALLS & FLOOR

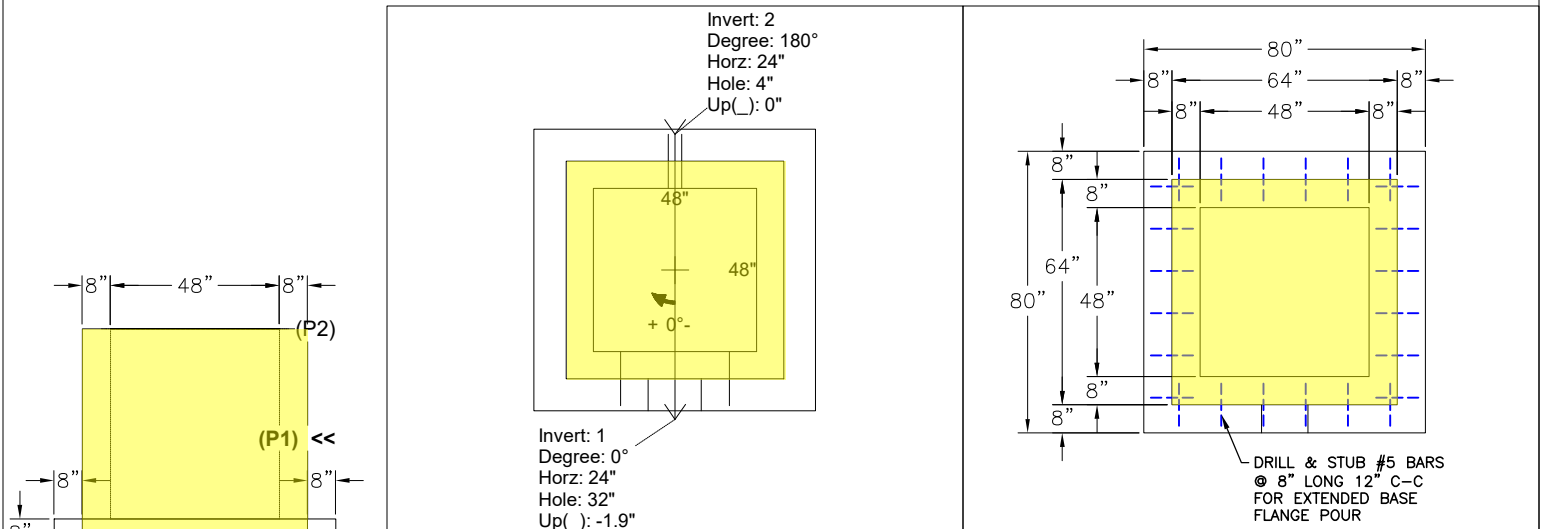
WEIGHTS:
FIRST POUR: 10,321 LBS
SECOND POUR: 1,547 LBS
TOTAL: 11,868 LBS

Rim: 815.5' Rim to Invert: 4.5' Slack: 0" Sump: 0" Step Position:

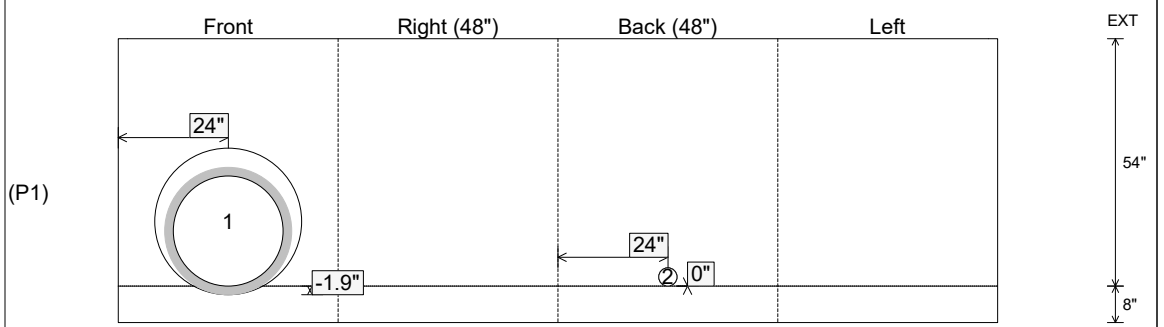
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	811'	0°	32"	24" HDPE	27.8"	Hole 32	32"	32"	-1.9"	0"
Invert 2	811'	180°	32"	4" Orifice	4"	Orifice 4"	4"	4"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 54" Height (Ext): 62"	Weight (Net): 11868 lb Volume (Net): 3.03cu.yd
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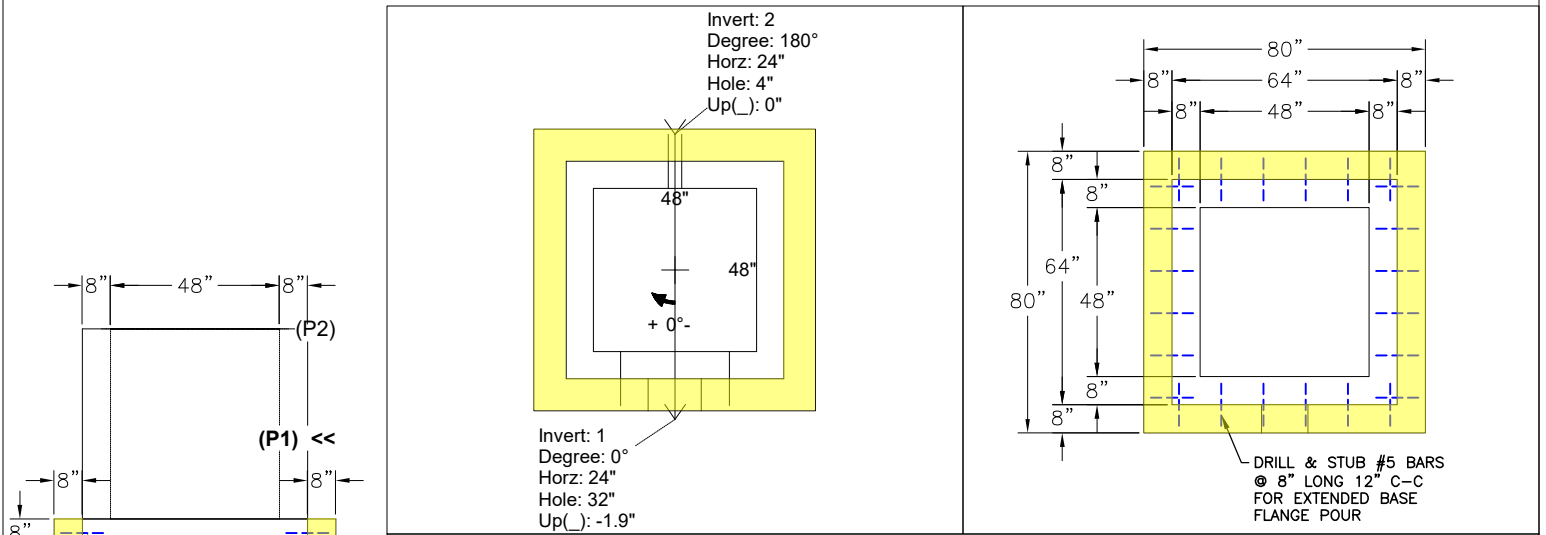
SECOND POUR DRAWING - EXT. FLANGE

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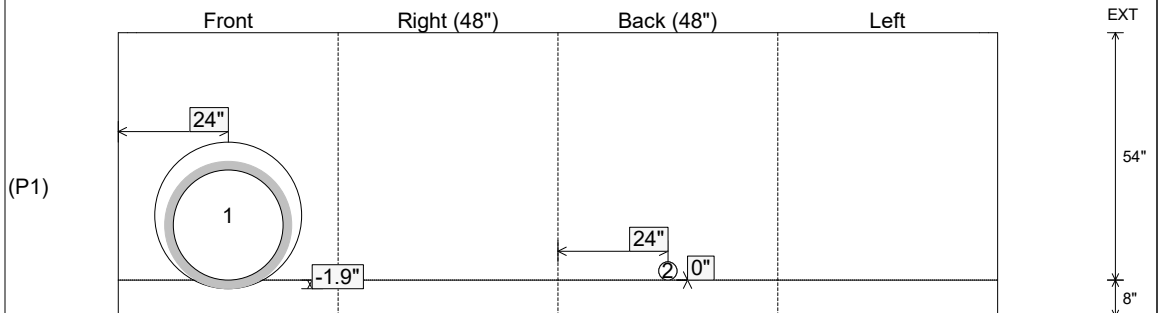
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