

Job Name: 26-2986 - Gate 7 Basin
Job Location: Fort Campbell, KY 42223
Contractor: Double A Services, Inc.

Plant: 100

Tech: Jared - F

7/29/2026 10:19:51 AM

PC: T. Lewis



Structure ID: OCS-1 ST-CB

P1 BX4848-08BAVF

BOX BASE 8inW, 8inF, Variable Ht T/n

- P3) 48" x 48" - CASTING HEIGHT - 0"
P2) 48" x 48" - BOX RISER 8inW F/G - 60"
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht T/n - 46"
1) CASTING - TRASHRACKS LFS-4848-P SQ. Flush Mount Grate
2) 48" x 48" - Conseal CS-102 1.00"
1) Hole - 44
1) Hole - 10
1) Hole - 36

0 lb
8339 lb
8593 lb
289 lb
0 lb
0 lb
0 lb
0 lb
0 lb
17221 lb

Structure Total:

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (TRASHRACKS LFS-4848-P SQ. FLUSH MOUNT GRATE).

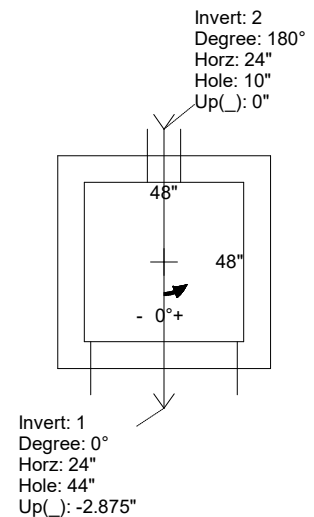
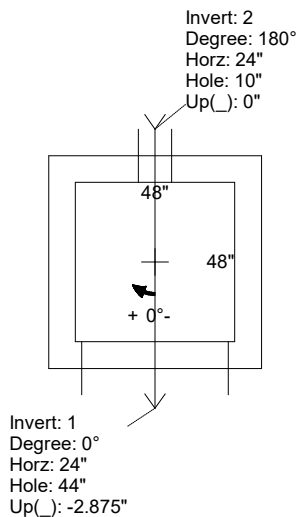
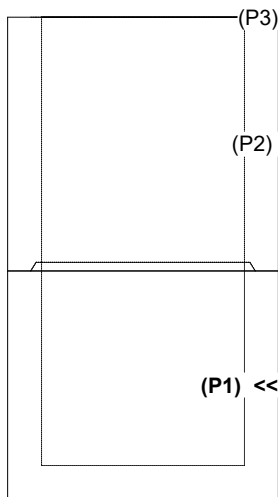
REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .12) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 552.5' Rim to Invert: 8.89' Slack: 0.68" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	543.61'	0°	32"	36" HDPE	41.7"	Hole 44	44"	44"	-2.875"	0"
Invert 2	543.65'	180°	32"	6" HDPE	6.9"	Hole 10	10"	10"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

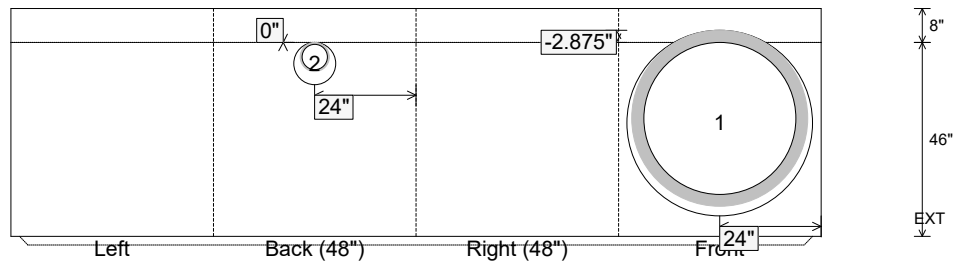
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

(P1)



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 46"
Height (Ext): 54"

Weight (Net): 8593 lb
Volume (Net): 2.19cu.yd