

Job Name: 25-2331B Dawson Springs Industrial Park  
 Job Location: Dawson Springs, KY  
 Contractor: J & J Excavating

Plant: 100

Tech: J. Horsley

1/20/2026 6:15:04 AM

PC: E. Bradley



**Structure ID: 405.40 (2)**

**P1 BX4848-08BAVF**

**BOX BASE 8inW, 8inF, Variable Ht F/n**

P2) 48" x 48" - CASTING HEIGHT - 0"	0 lb
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 36"	7536 lb
1) CASTING - TRASHRACKS LFS-4848-P SQ. Flush Mount Grate	289 lb
1) 48" x 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 30	0 lb
1) Hole - 8	0 lb
1) Orifice - 15"	0 lb
<b>Structure Total:</b>	<b>7825 lb</b>

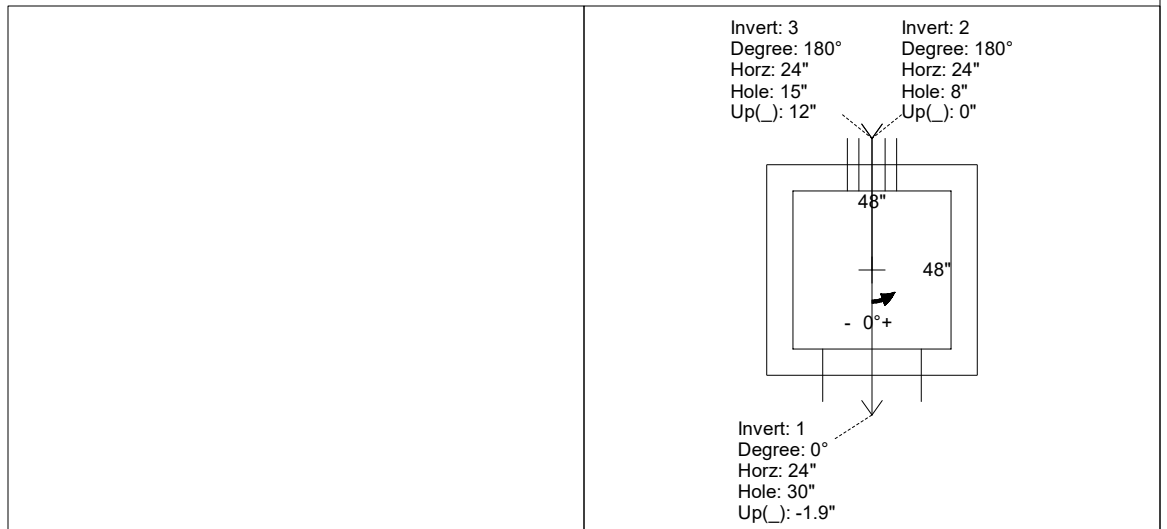
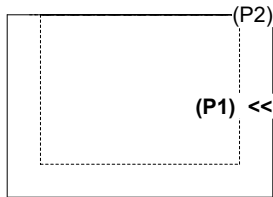
- Structure Notes:**
- PER ASTM C-913 SPECIFICATIONS
  - CONCRETE: 4,500 PSI AT 28 DAYS
  - REINFORCEMENT - 2" MIN. REBAR CLEARANCE (TYP):
    - WALLS: #5 BAR @ 8" C.C. E.W. (GRADE 60)
    - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60)
  - NO STORM INVERT
  - NO STEPS
  - CASTING BY ICAST (TRASHRACKS LFS-4848-P SQUARE FLUSH MOUNT GRATE)

Rim: 408.4' Rim to Invert: 3' Slack: 0" Sump: 0" Step Position:

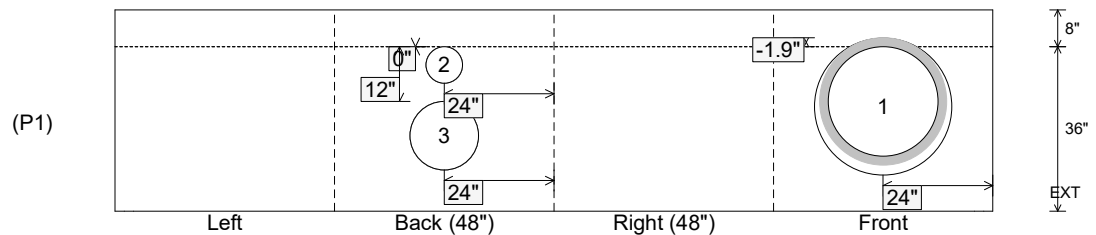
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	405.4'	0°	32"	24" HDPE	27.8"	Hole 30	30"	30"	-1.9"	0"
Invert 2	405.4'	180°	32"	8" Orifice	8"	Hole 8	8"	8"	0"	0"
Invert 3	406.4'	180°	32"	15" Orifice	15"	Orifice 15"	15"	15"	12"	0"
Invert 4										
Invert 5										
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): 36"  
Height (Ext): 44"

Weight (Net): 7536 lb  
Volume (Net): 1.92cu.yd