

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

PC: E. Bradley  
 TECH: J. Horsley  
 Plant: 100



Structure ID: **401.62 (3)**  
 Spec: Storm  
 Type: Outlet Control Structure  
 Size: 48" x 48"

Rim: 404.62'  
 Invert: 401.62'  
 Rim to Invert: 3'

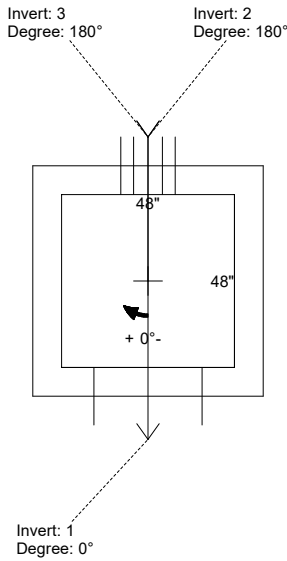
Sump: 0"  
 Floor (Top): 401.62'  
 Floor Height: 8"

Floor (Bot): 400.953'  
 Overall Height: 3.667'  
 Slack: 0"

- Structure Notes:**
- PER ASTM C-913 SPECIFICATIONS
  - CONCRETE: 4,500 PSI AT 28 DAYS
  - REINFORCEMENT:
    - 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)

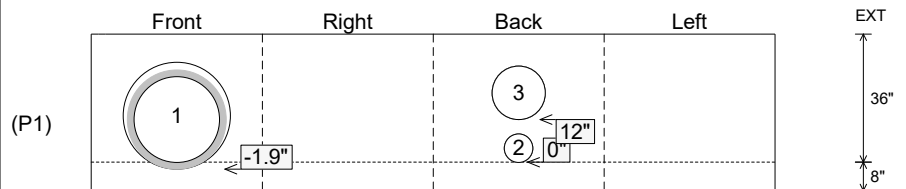
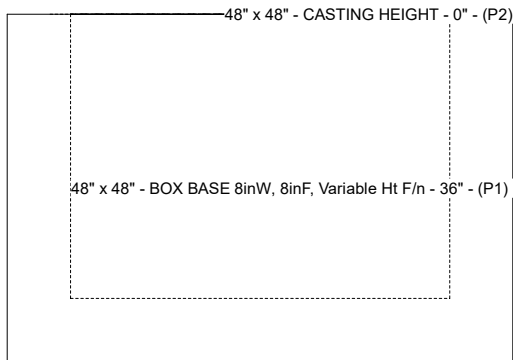
**STRUCTURE SUMMARY:**

- 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
- Structure Total: **7825 lb**



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	404.62'							
Reducer								
Invert 1	401.62'	0°	24" HDPE	27.8"	30"	Hole 30	-1.9"	P1
Invert 2	401.62'	180°	8" Orifice	8"	8"	Hole 8	0"	P1
Invert 3	402.62'	180°	15" Orifice	15"	15"	Orifice 15"	12"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 1/20/2026 6:10:58 AM

SUBMITTAL  
 APPROVED BY: