

**Job Name: 25-3304 - Vuteq Warehouse Expansion**  
**Job Location: Georgetown, KY**  
**Contractor: Brown General Contractors**

PC: Erica Bradley  
 TECH: Jared - A  
 Plant: 100



Structure ID: **ST-3**

Spec: Storm  
 Type: Outlet Control Structure  
 Size: 48" x 48"

Rim: 901'  
 Invert: 895.8'  
 Rim to Invert: 5.2'

Sump: 0"  
 Floor (Top): 895.8'  
 Floor Height: 8"

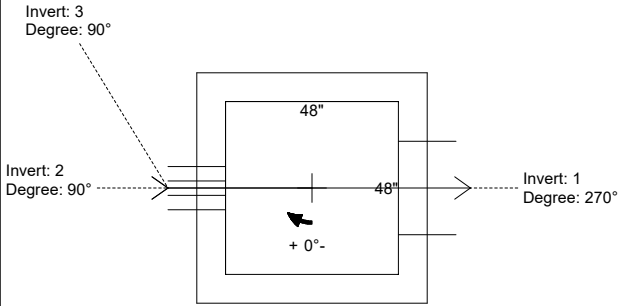
Floor (Bot): 895.133'  
 Overall Height: 5.833'  
 Slack: 0.4"

**Structure Notes:**

- PER ASTM C-913 SPECIFICATIONS
- CONCRETE: 4,500 PSI AT 28 DAYS
- REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
- NO STORM INVERT
- NO STEPS
- TRASHRACKS LFG-4848-P SQUARE FLAT INLET GRATE SUPPLIED BY ICAST
- NOTE: RIM ELEVATION ON SUBMITTAL IS TO TOP OF WALLS AS SHOWN ON STRUCTURE DETAIL IN PLANS - TRUE TOP OF GRATE IS 3" ABOVE THIS ELEVATION

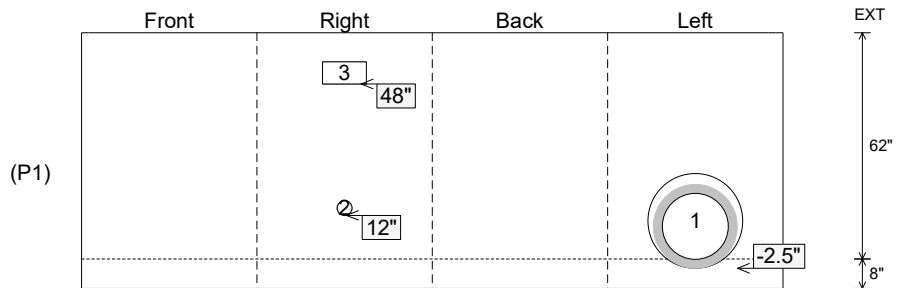
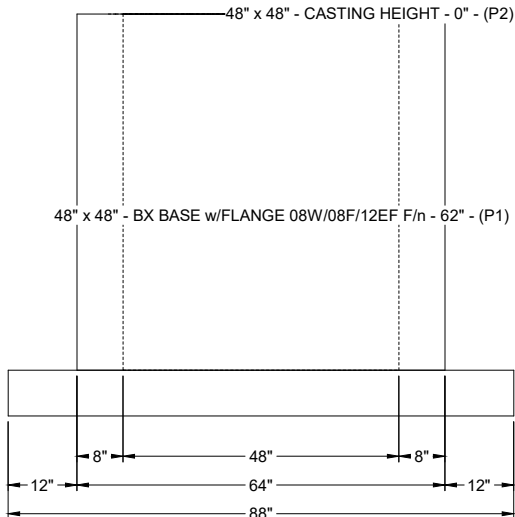
**STRUCTURE SUMMARY:**

- P2) 48" x 48" - CASTING HEIGHT - 0" 0 lb
- P1) 48" x 48" - BX BASE w/FLANGE 08W/08F/12EF F/n - 62" 14108 lb
- 1) SECONDARY POUR 0 lb
- 1) CASTING - TRASHRACKS LFG-4848-P Flat Inlet Grate 83 lb
- 1) 48" x 48" - Conseal CS-102 1.00" 0 lb
- 1) Hole - 26 0 lb
- 1) Orifice - 4" 0 lb
- 1) Weir n/n - 12"x6" 0 lb
- Structure Total: 14191 lb**



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	901'							
Reducer								
Invert 1	895.8'	270°	18" RCP B WALL	23"	26"	Hole 26	-2.5"	P1
Invert 2	896.8'	90°	4" Orifice	4"	4"	Orifice 4"	12"	P1
Invert 3	899.8'	90°	12" x 6" Weir	12" x 6"	12" x 6"	Weir 12"x6"	48"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

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



Submittal Drawing  
 3/19/2026 10:46:21 AM

SUBMITTAL  
 APPROVED BY: