

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-4**

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

Rim: 898'
 Invert: 892.8'
 Rim to Invert: 5.2'

Sump: 0"
 Floor (Top): 892.8'
 Floor Height: 8"

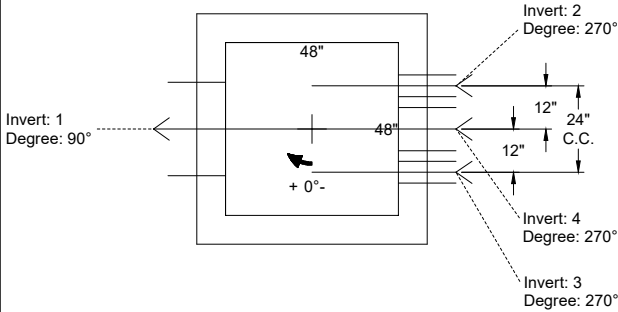
Floor (Bot): 892.133'
 Overall Height: 5.833'
 Slack: 0.4"

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
- INVERTS 2 & 3 OFFSET 12" FROM CENTER OF WALL (24" CENTER-TO-CENTER)
- 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

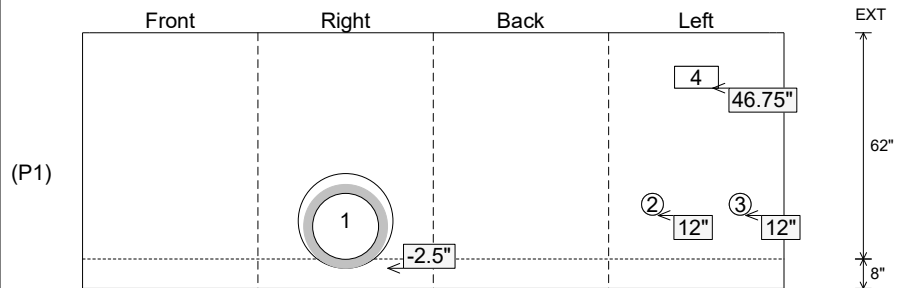
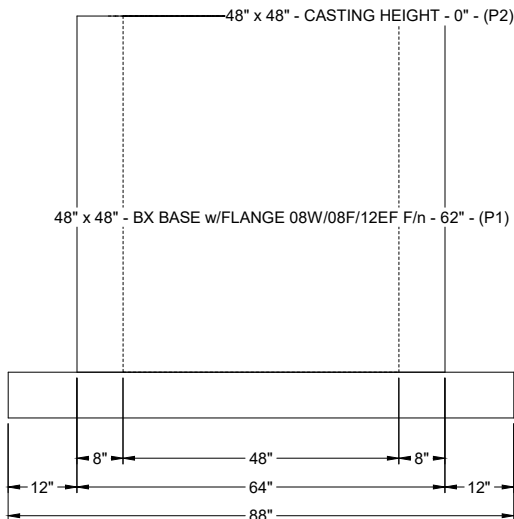
STRUCTURE SUMMARY:

- P2) 48" x 48" - CASTING HEIGHT - 0"
 P1) 48" x 48" - BX BASE w/FLANGE 08W/08F/12EF F/n - 62"
- | | |
|---|-----------------|
| 1) SECONDARY POUR | 0 lb |
| 1) CASTING - TRASHRACKS LFG-4848-P Flat Inlet Grate | 14079 lb |
| 1) 48" x 48" - Conseal CS-102 1.00" | 0 lb |
| 1) Hole - 26 | 83 lb |
| 2) Orifice - 6" | 0 lb |
| 1) Weir n/n - 12"x6" | 0 lb |
| | 0 lb |
| | 0 lb |
| | 0 lb |
| Structure Total: | 14162 lb |



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	898'							
Reducer								
Invert 1	892.8'	90°	18" RCP B WALL	23"	26"	Hole 26	-2.5"	P1
Invert 2	893.8'	270°	6" Orifice	6"	6"	Orifice 6"	12"	P1
Invert 3	893.8'	270°	6" Orifice	6"	6"	Orifice 6"	12"	P1
Invert 4	896.7'	270°	12" x 6" Weir	12" x 6"	12" x 6"	Weir 12"x6"	46.75"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: