

Job Name: 25-3531 - Crescent Hill Filtration Plant Carbon Storage  
 Job Location: Louisville, KY  
 Contractor: Dugan & Meyers, LLC

Plant: Beaver Dam, KY  
 3/30/2026 9:44:12 AM

Tech: K. Cardwell  
 PC: J. Jarvis



**Structure ID: V-003**

**P1 BX4848-08BAVF**

**BOX BASE 8inW, 8inF, Variable Ht**

- P3) 48" x 48" - HATCH (CAST FLUSH) - 3"
- P2) 48" x 48" - CB FLAT TOP 8"W w/48"x48" HATCH - 8"
- P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 57"
- 1) HATCH (Alum.) - HALLIDAY H2R 48"x48"
- 1) This Structure Includes a Cast-In Item (Hatch)
- 2) 48" x 48" - Conseal CS-102 1.00"
- 8) Hole - 6.5
- 5) MH Step ML-10-TDS-NCR - 10"

**Structure Notes:**

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.

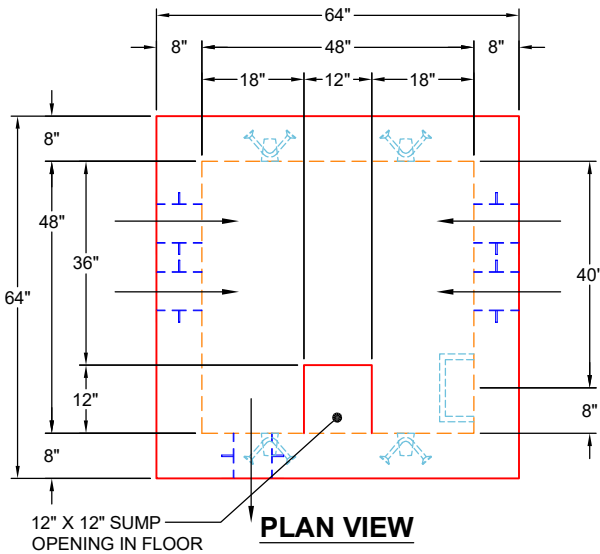
REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total:

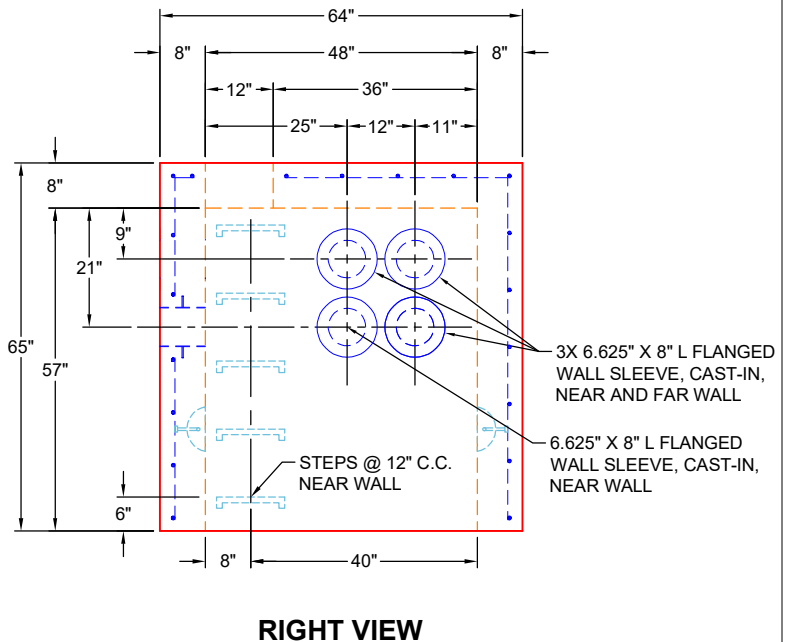
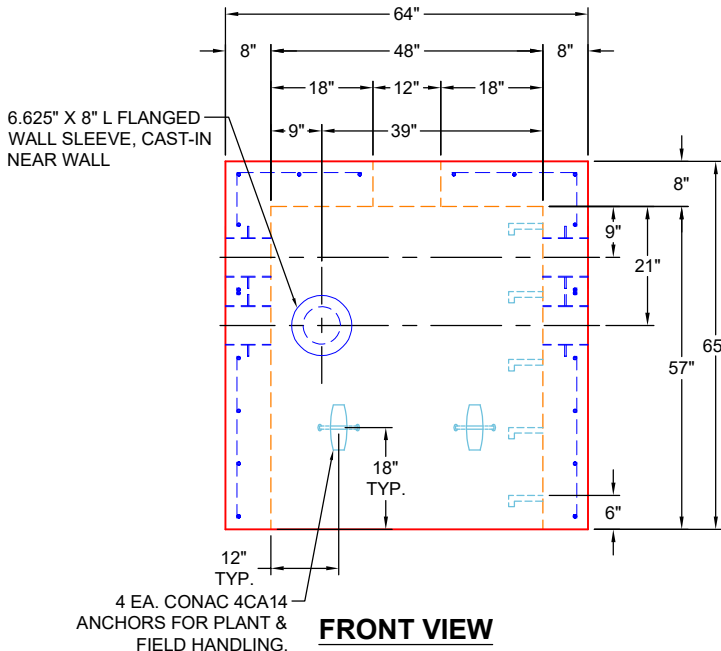
100 lb  
 1203 lb  
 11143 lb  
 235 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 -----  
 12680 lb

Rim: 557.04' Rim to Invert: 4.67' Slack: 0.04" Sump: 9" Step Position: 0°



**GENERAL NOTES:**

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION) & DESIGNED TO MEET ASTM C857 & ACI 318 REQUIREMENTS.
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT  
 - FLOOR/WALLS: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. JOINT SEALANT: CONSEAL CS-102



Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

Height (Int): 57"  
 Height (Ext): 65"

Weight (Net): 11143 lb  
 Volume (Net): 2.85cu.yd