

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 9:44:41 AM

Tech: K. Cardwell  
 PC: J. Jarvis



**Structure ID: V-006**

**P2 BX060120-00RVF**

**BOX RISER 8inW, Variable Ht**

- P4) 60" x 120" - HATCH (CAST FLUSH) - 3"
- P3) 60" x 120" - BX FLAT TOP 8"W w/60"x120" HATCH - 8"
- P2) 60" x 120" - BOX RISER 8inW, Variable Ht - 53"
- P1) 60" x 120" - BOX BASE 8inW, 8inF - 30"
- 1) HATCH (Alum.) - HALLIDAY H2R 48"x48"
- 1) This Structure Includes a Cast-In Item (Hatch)
- 1) SECONDARY POUR - WALLS
- 3) 60" x 120" - Conseal CS-102 1.00"
- 8) Hole - 6.5
- 7) MH Step ML-10-TDS-NCR - 10"

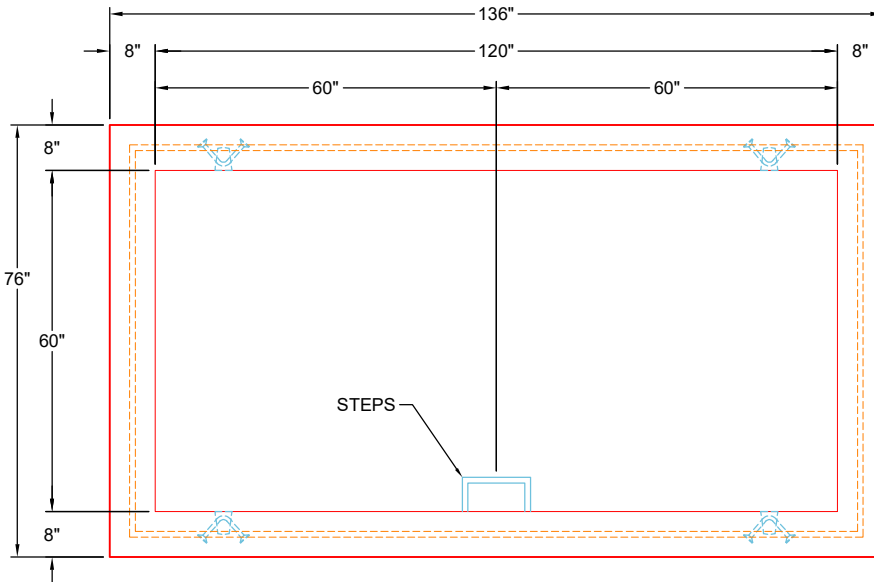
100 lb  
 2105 lb  
 13947 lb  
 14655 lb  
 235 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 -----  
 Structure Total: 31042 lb

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.

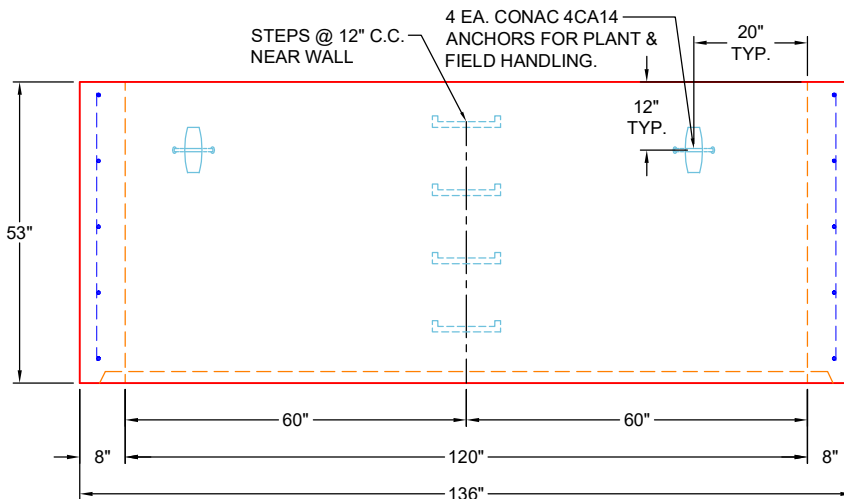
Rim: 556.51'    Rim to Invert: 7.08'    Slack: -0.04"    Sump: 6"    Step Position: 0°



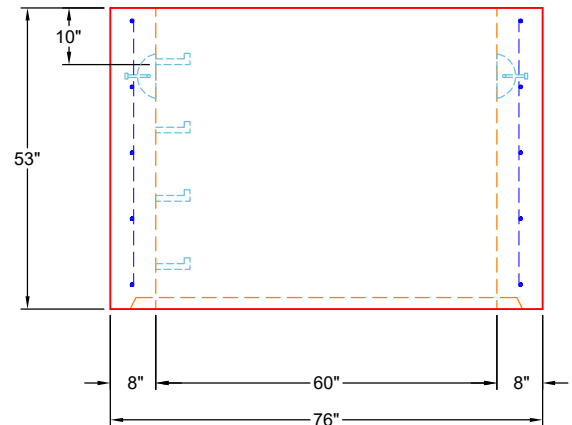
**PLAN VIEW**

**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  
 - WALLS: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. JOINT SEALANT: CONSEAL CS-102



**FRONT VIEW**



**RIGHT VIEW**

Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: Groove

Wall Thickness: 8"  
 Floor Height: 0"

Height (Int): 53"  
 Height (Ext): 53"

Weight (Net): 13947 lb  
 Volume (Net): 3.56cu.yd