

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 9:45:23 AM

Tech: K. Cardwell
 PC: J. Jarvis



Structure ID: 4" WATER VAULT

P3 CTS

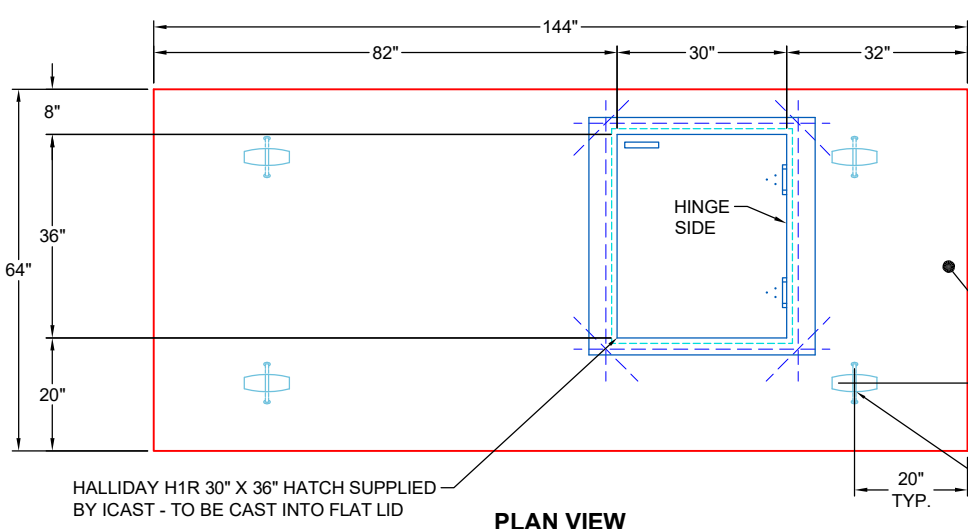
CB FLAT TOP 8"W w/30"x36" HATCH

- P4) 30" x 36" - HATCH (CAST FLUSH) - 3"
- P3) 48" x 128" - CB FLAT TOP 8"W w/30"x36" HATCH - 8"
- P2) 48" x 128" - BOX RISER 8inW, Variable Ht - 20"
- P1) 48" x 128" - BOX BASE 8inW, 8inF, Variable Ht - 32"
- 1) HATCH (Alum.) - HALLIDAY H2R 48"x48"
- 1) This Structure Includes a Cast-In Item (Hatch)
- 1) SECONDARY POUR - WALLS
- 2) Hole - 8

100 lb
 5462 lb
 5156 lb
 14368 lb
 235 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 25320 lb

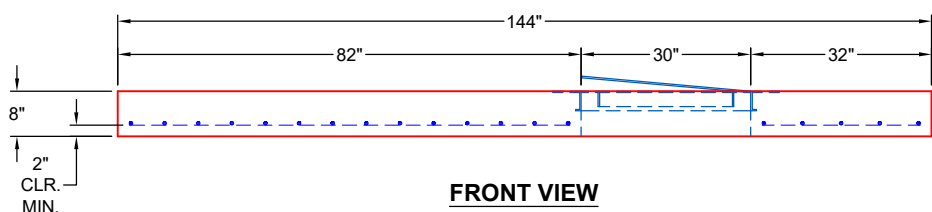
Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.



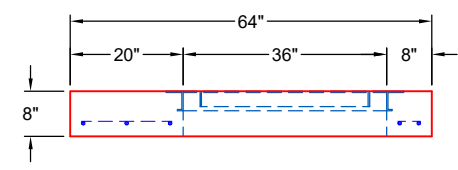
- GENERAL NOTES:**
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION) & DESIGNED TO MEET ASTM C857 & ACI 318 REQUIREMENTS.
 2. CONCRETE: 5,000 PSI AT 28 DAYS
 3. REINFORCEMENT
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 4. HALLIDAY H1R 30" X 36" HATCH SUPPLIED BY ICAST. CAST-IN
 5. JOINT SEALANT: CONSEAL CS-102

HALLIDAY H1R 30" X 36" HATCH SUPPLIED BY ICAST - TO BE CAST INTO FLAT LID

PLAN VIEW



FRONT VIEW



RIGHT VIEW

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 8"	Weight (Net): 5462 lb Volume (Net): 1.4cu.yd
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