

Job Name: 25-1137B - East Bank Regional Pump Station  
 Job Location: Nashville, TN  
 Contractor: Garney Companies, Inc.

Plant: Beaver Dam

Tech: J. Coppage

5/12/2026 10:28:00 AM

PC: J. Jarvis



**Structure ID: Valve Vault**

**P4 CTS-X**

**BX FLAT LID 8inW w/ XYPEX AND 3 HATCHES**

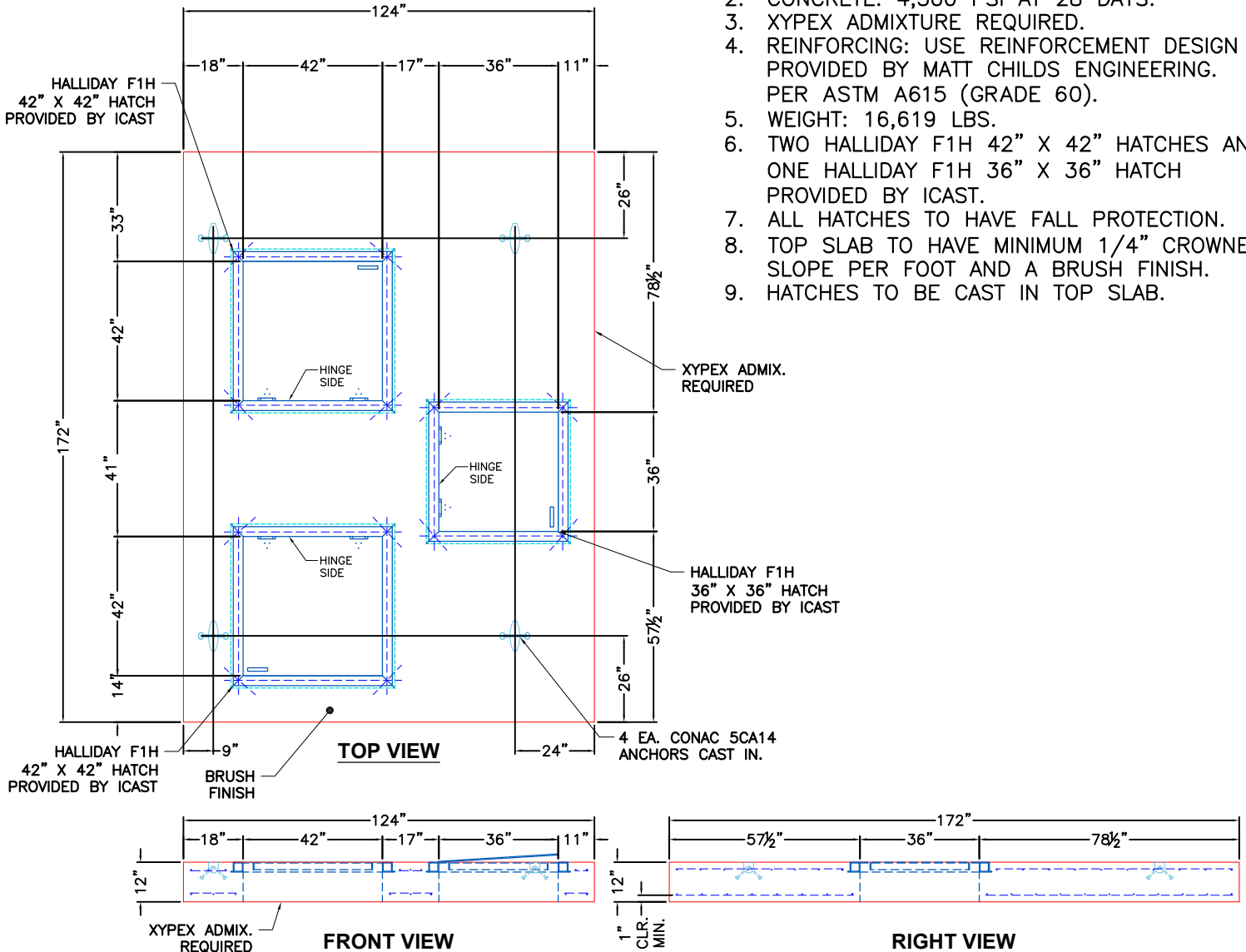
- P5) 42" x 42" - HATCH (CAST FLUSH) - 3"
- P4) 108" x 156" - BX FLAT LID 8inW w/ XYPEX AND 3 HATCHES - 12"
- P3) 108" x 156" - BOX RISER 8inW, Variable Ht w/Xypex FT - 37"
- P2) 108" x 156" - BOX RISER 8inW, Variable Ht w/Xypex FB - 60"
- P1) 108" x 156" - P.I.P. BY OTHERS - BTM SLAB - 0"
- 4) DOGHOUSE - 22"x22"

Structure Total: 50960 lb

- 100 lb  
 16619 lb  
 13909 lb  
 20332 lb  
 0 lb  
 0 lb  
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 50960 lb
- Structure Notes:**
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
  2. CONCRETE: 4,500 PSI AT 28 DAYS.
  3. XYPEX ADMIXTURE REQUIRED.
  4. REINFORCING: PER ASTM A615 (GRADE 60).
  5. TWO HALLIDAY F1H 42" X 42" HATCHES AND ONE HALLIDAY F1H 36" X 36" HATCH PROVIDED BY ICAST.
  6. ALL HATCHES TO HAVE FALL PROTECTION.
  7. TOP SLAB TO HAVE MINIMUM 1/4" CROWNED SLOPE PER FOOT AND A BRUSH FINISH.
  8. HATCHES TO BE CAST IN TOP SLAB.

**GENERAL NOTES:**

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,500 PSI AT 28 DAYS.
3. XYPEX ADMIXTURE REQUIRED.
4. REINFORCING: USE REINFORCEMENT DESIGN PROVIDED BY MATT CHILDS ENGINEERING. PER ASTM A615 (GRADE 60).
5. WEIGHT: 16,619 LBS.
6. TWO HALLIDAY F1H 42" X 42" HATCHES AND ONE HALLIDAY F1H 36" X 36" HATCH PROVIDED BY ICAST.
7. ALL HATCHES TO HAVE FALL PROTECTION.
8. TOP SLAB TO HAVE MINIMUM 1/4" CROWNED SLOPE PER FOOT AND A BRUSH FINISH.
9. HATCHES TO BE CAST IN TOP SLAB.



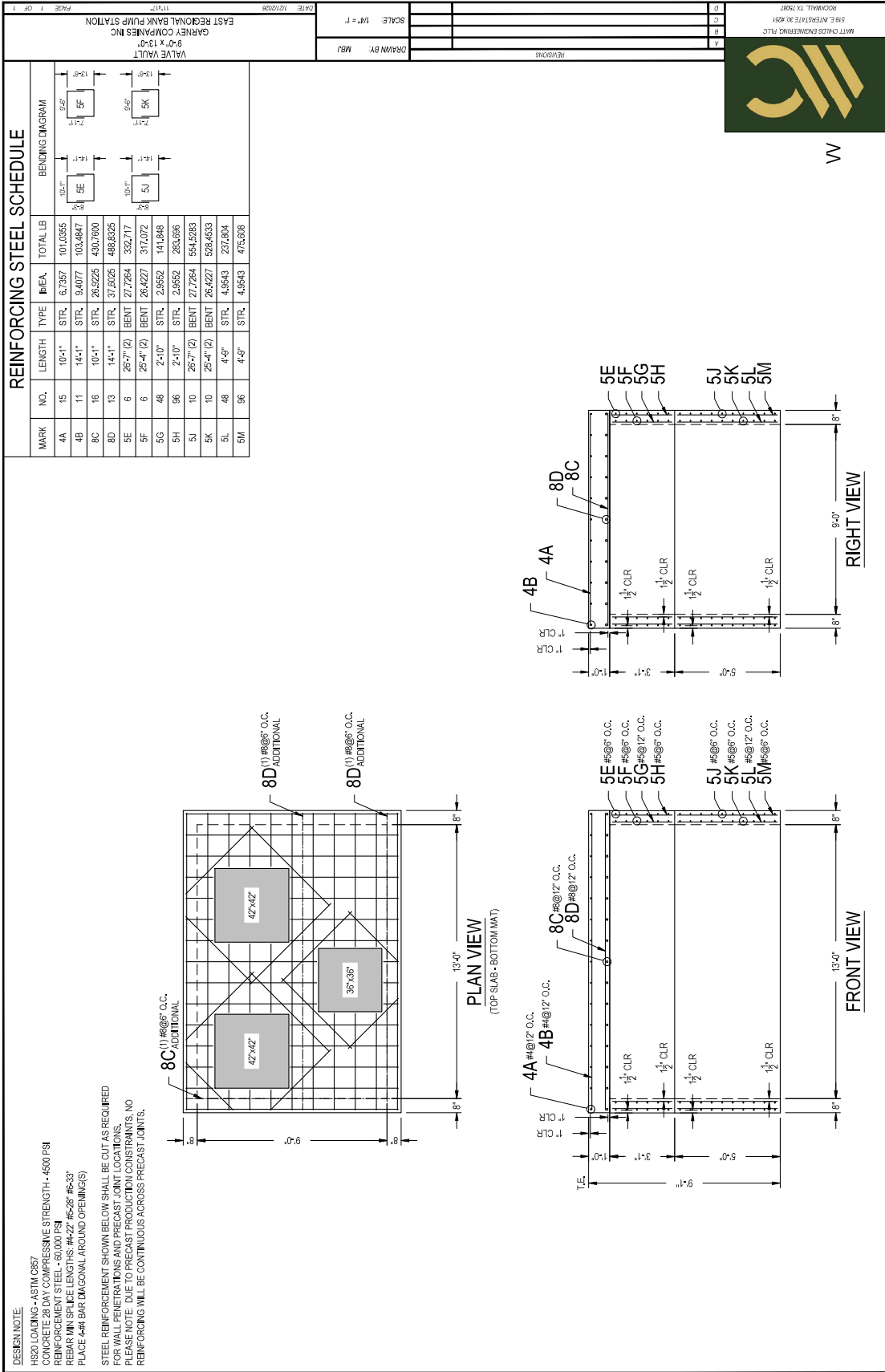
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 8"	Weight (Net): 16619 lb Volume (Net): 4.25cu.yd
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**BX FLAT LID 8inW w/ XYPEX AND 3 HATCHES**



Page 3 of 15

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