Job Name: 25-1664 Springfield WWTP Job Location: Springfield, TN Contractor: Smith Contractors, Inc.	Plant: Beaver Dam 3/16/2026 11:58:42 AM	Tech: J. Coppage PC: C. Goff	

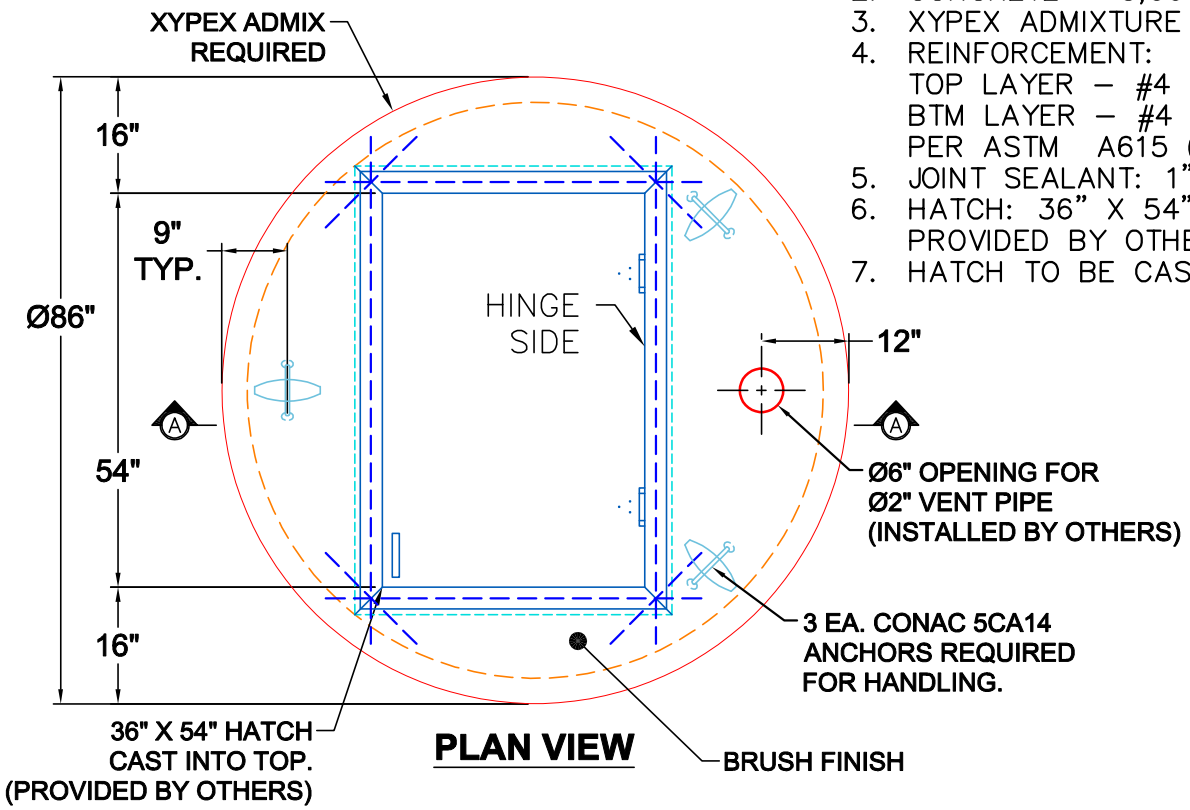
Structure ID: FILTER-UV PUMP STATION

P3 MH072LD15X **MH FLAT TOP XYPEX w/36"x54" Hatch**

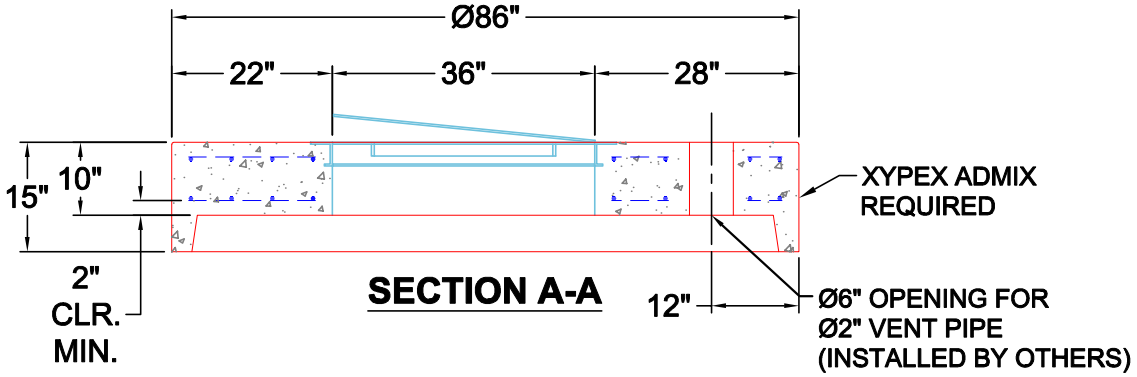
P4) 36" x 54" - HATCH (CAST FLUSH) - 3"	100 lb	
P3) 72" - MH FLAT TOP XYPEX w/36"x54" Hatch - 15"	3625 lb	
P2) 72" - MH RISER w/XYPEX - 72"	10335 lb	
P1) 72" - MH BASE EF Cust. Ht. 12"F (8"EF =102"OD) w/ XYPEX - 30"	12601 lb	
1) SECONDARY POUR - EXT. FLANGE	0 lb	
2) 72" - Conseal CS-231 1.00" (Double)	0 lb	
1) 36" x 54" - Conseal CS-231 1.00" (Double)	0 lb	
3) PSX - 8QRS-S NYLO	20 lb	
1) PSX - 12-06 NYLO	8 lb	
Structure Total:	26689 lb	

Structure Notes:
1. PER ASTM C-478 LATEST REVISION
2. CONCRETE = 5,000 PSI AT 28 DAYS
3. XYPEX ADMIXTURE REQUIRED
4. REINFORCEMENT: PER ASTM A615 (GRADE 60)
- TOP SLAB
  TOP LAYER (As .20) #4 BARS AT 12" C.C.E.W.
  BTM LAYER (As .24) #4 BARS AT 10" C.C.E.W.
- RISER/WALLS (As .12)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W. DBL MAT
5. (36" X 54" HATCH PROVIDED BY OTHERS)
6. HATCH TO BE CAST INTO THE TOP SLAB.

NOTES:
1. PER ASTM C-478 LATEST REVISION
2. CONCRETE = 5,000 PSI AT 28 DAYS
3. XYPEX ADMIXTURE REQUIRED.
4. REINFORCEMENT:
   TOP LAYER – #4 BAR @ 12" C.C.E.W.
   BTM LAYER – #4 BAR @ 10" C.C.E.W.
   PER ASTM A615 (GRADE 60).
5. JOINT SEALANT: 1" CS-231 – DOUBLE
6. HATCH: 36" X 54" HATCH IS TO BE PROVIDED BY OTHERS
7. HATCH TO BE CAST INTO TOP SLAB



PLAN VIEW



SECTION A-A

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 7"	Height (Ext): 15"	Weight (Net): 3625 lb Volume (Net): 0.93cu.yd