

Job Name: 25-1664 Springfield WWTP
 Job Location: Springfield, TN
 Contractor: Smith Contractors, Inc.

Plant: Beaver Dam

Tech: J. Coppage

3/16/2026 11:59:06 AM

PC: C. Goff



Structure ID: FILTER-UV PUMP STATION

P2 MH072RS72X

MH RISER w/XYPEX

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

100 lb
 3625 lb
 10335 lb
 12601 lb
 0 lb
 0 lb
 0 lb
 20 lb
 8 lb

 Structure Total: 26689 lb

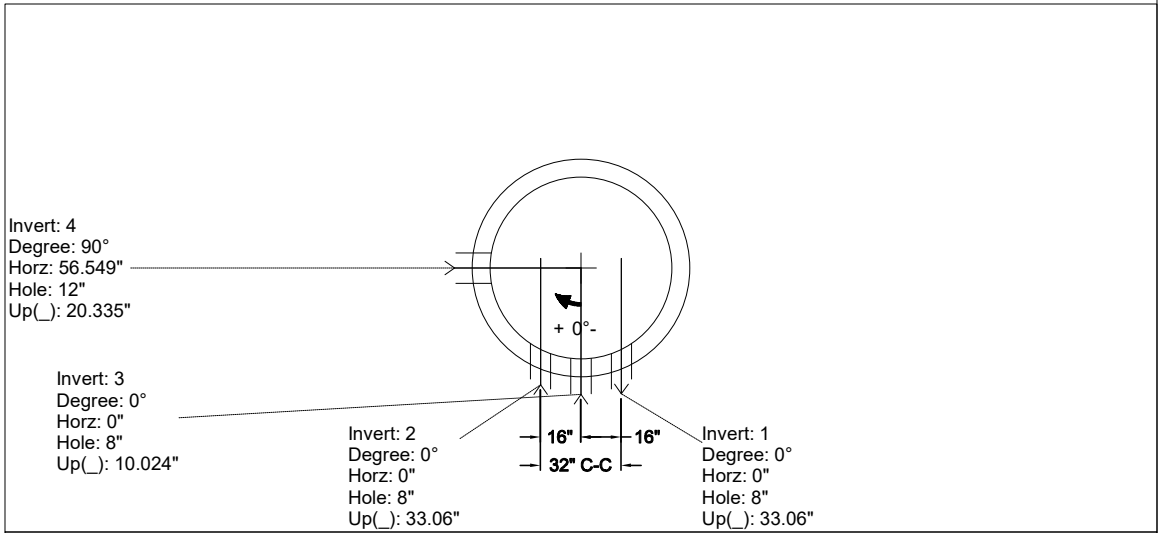
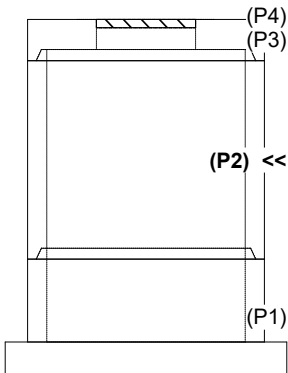
Structure Notes:

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 .31) #4 BARS AT 18" C.C.E.W.
 - BTM LAYER (As .31) #4 BARS AT 12" 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.

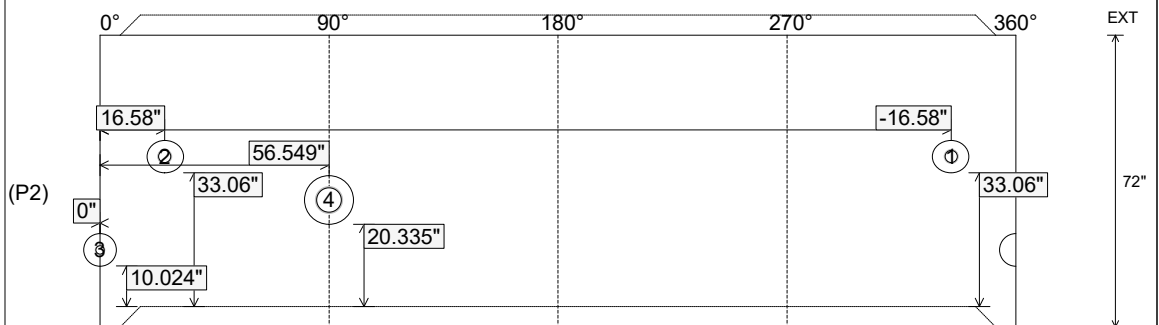
Rim: 516.75' Rim to Invert: 5.75' Slack: 0" Sump: 48" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	512.88'	0°	-16.394"	3" DI	3.5"	PSX 8QRS-S NYLO	8"	8.971"	33.06"	-16"
Invert 2	512.88'	0°	16.394"	3" DI	3.5"	PSX 8QRS-S NYLO	8"	8.971"	33.06"	16"
Invert 3	511'	0°	0"	2" PVC SCH40	2.375"	PSX 8QRS-S NYLO	8"	8.017"	10.024"	0"
Invert 4	511.86'	90°	67.544"	6" PVC SCH40	6.625"	PSX 12-06 NYLO	12"	12.056"	20.335"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 7"
 Floor Height: 0"

Height (Int): 72"
 Height (Ext): 72"

Weight (Net): 10335 lb
 Volume (Net): 2.64cu.yd