

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

Plant: Beaver Dam

Tech: J. Coppage

3/16/2026 11:59:07 AM

PC: C. Goff



Structure ID: IN-PLANT PUMP STATION

P3 MH096RSVFX

MH RISER Custom Ht, w/YYPEX

- P5) 36" x 54" - CASTING HEIGHT - 0"
- P4) 96" - MH FLAT TOP w/36"x54" Hatch w/Xypex - 17"
- P3) 96" - MH RISER Custom Ht, w/YYPEX - 82"
- P2) 96" - MH RISER w/YYPEX - 48"
- P1) 96" - MH SEPARATE BASE-T EXT. 14" (142" OD) w/Xypex - 8"
- 3) 96" - Conseal CS-231 1.00" (Double)
- 1) 36" x 54" - Conseal CS-231 1.00" (Double)
- 2) Z-Lok - C107-6
- 2) PSX - 8QRS-S NYLO
- 1) PSX - 12-08 NYLO
- 3) PSX - 12-06 NYLO

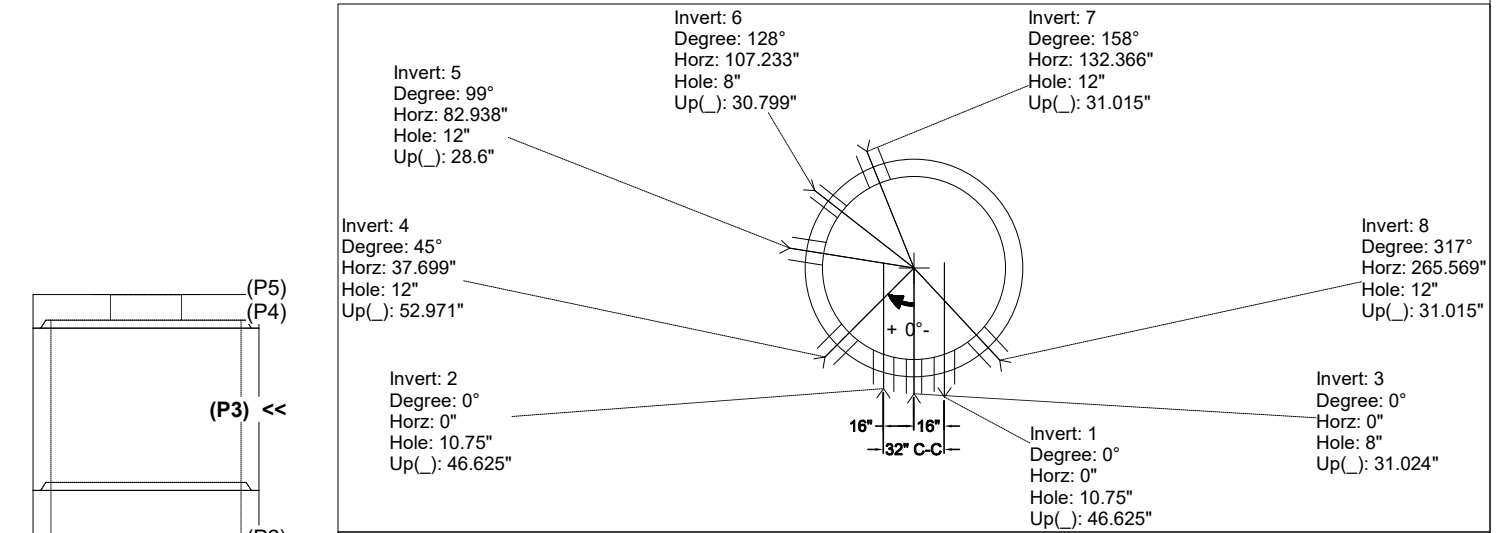
- Structure Notes:**
1. PER ASTM C-478 LATEST REVISION
 2. CONCRETE = 5,000 PSI AT 28 DAYS
 3. XYPEX ADMIXTURE REQUIRED
 4. REINFORCEMENT: PER ASTM A615 (GRADE 60)
 5. (36" X 54" HATCH PROVIDED BY OTHERS)
 6. HATCH TO BE CAST INTO THE TOP SLAB.

Structure Total: 55289 lb

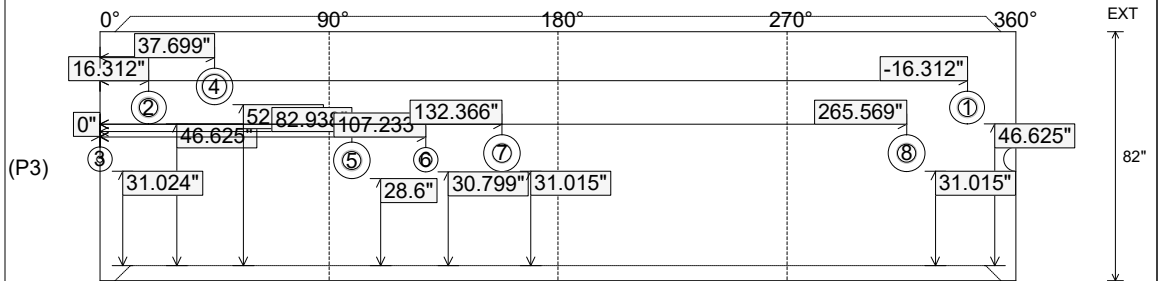
Rim: 522.5' Rim to Invert: 5.2' Slack: 0" Sump: 84.6" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	518.75'	0°	-16.218"	6" DI	6.875"	Z-Lok C107-6	10.75"	11.439"	46.625"	-16"
Invert 2	518.75'	0°	16.218"	6" DI	6.875"	Z-Lok C107-6	10.75"	11.439"	46.625"	16"
Invert 3	517.5'	0°	0"	2" PVC SCH40	2.375"	PSX 8QRS-S NYLO	8"	8.009"	31.024"	0"
Invert 4	519.25'	45°	44.768"	8" PVC SCH40	8.625"	PSX 12-08 NYLO	12"	12.031"	52.971"	0"
Invert 5	517.3'	99°	98.489"	6" DI	6.875"	PSX 12-06 NYLO	12"	12.031"	28.6"	0"
Invert 6	517.4'	128°	127.339"	4" PVC SCH40	4.5"	PSX 8QRS-S NYLO	8"	8.009"	30.799"	0"
Invert 7	517.5'	158°	157.184"	6" PVC SCH40	6.625"	PSX 12-06 NYLO	12"	12.031"	31.015"	0"
Invert 8	517.5'	317°	315.364"	6" PVC SCH40	6.625"	PSX 12-06 NYLO	12"	12.031"	31.015"	0"

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 9"
 Floor Height: 0"

Height (Int): 82"
 Height (Ext): 82"

Weight (Net): 19865 lb
 Volume (Net): 5.07cu.yd