

Job Name: 25-1026B Thompson's Station WWTP (Ph. 2)
Job Location: Thompson's Station
Contractor: W&O Construction

Plant: Beaver Dam
10/5/2026 1:32:13 PM

Tech: J. Horsley
PC: A. Chambers



Structure ID: SSMH-B

P1 MH048BA36X

MH BASE w/XYPEX

- P6) 24" - CASTING HEIGHT - 7"
P5) 24" - XYPEX GRADE RING - 3"
P4) 48" - ECC XYPEX CONE w/ 24" HOLE - 30"
P3) 48" - MH RISER w/XYPEX - 72"
P2) 48" - MH RISER w/XYPEX - 72"
P1) 48" - MH BASE w/XYPEX - 36"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) CASTING - JBS 1150 F/C SANITARY
3) 48" - Conseal CS-102 1.00" (Double)
2) 24" - Conseal CS-102 1.00" (Double)
2) Kor-N-Seal2 - S206-22L
1) Kor-N-Seal2 - S206-18L

- Structure Notes:
1. JBS-1150 SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
- 0 lb
202 lb
1981 lb
5030 lb
5030 lb
3407 lb
0 lb
0 lb
1440 lb
250 lb
0 lb
0 lb
13 lb
6 lb

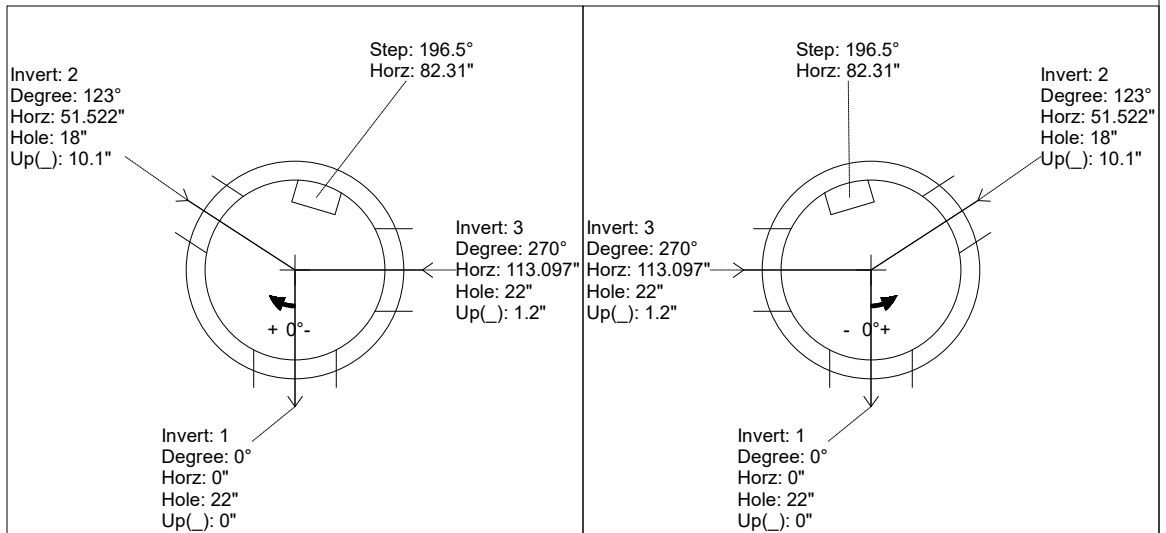
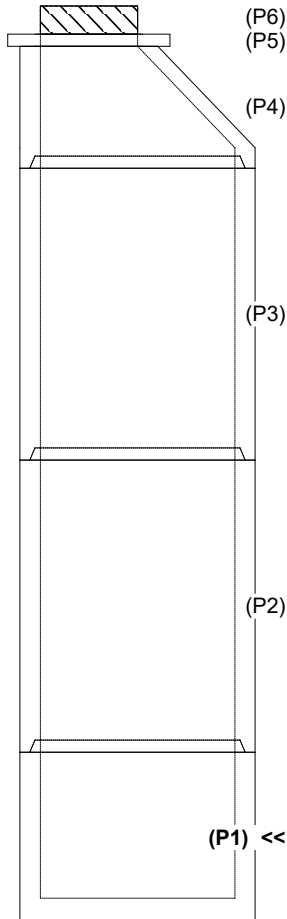
Structure Total: 17359 lb

Rim: 738' Rim to Invert: 18.2' Slack: 0.4" Sump: 2" Step Position: 196.5"

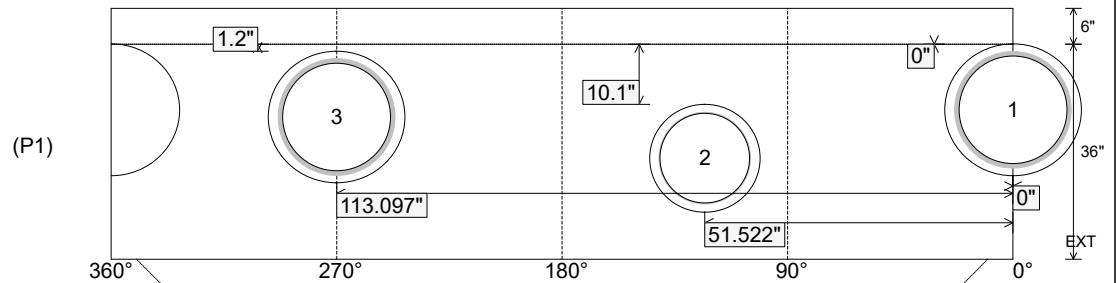
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	719.8'	0°	0"	18" DI	19.5"	Kor-N-Seal2 S206-22L	22"	22.854"	0"	0"
Invert 2	720.6'	123°	62.256"	15" PVC SDR35	15.3"	Kor-N-Seal2 S206-18L	18"	18.451"	10.1"	0"
Invert 3	719.9'	270°	136.659"	18" DI	19.5"	Kor-N-Seal2 S206-22L	22"	22.854"	1.2"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

Height (Int): 36"
Height (Ext): 42"

Weight (Net): 3407 lb
Volume (Net): 0.87cu.yd

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INVERT CHANNEL DRAWING
FULL HEIGHT INVERT

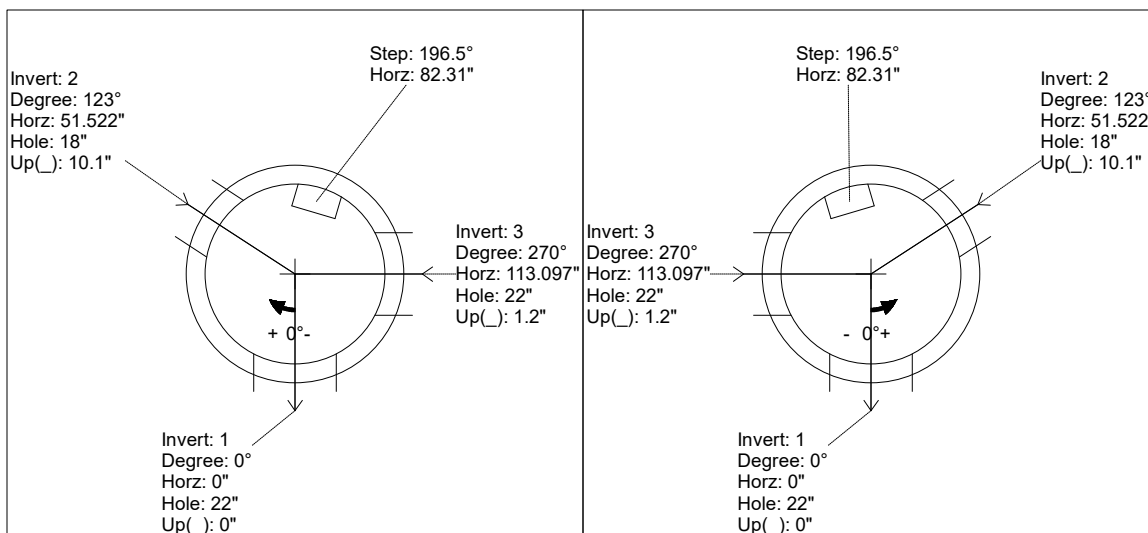
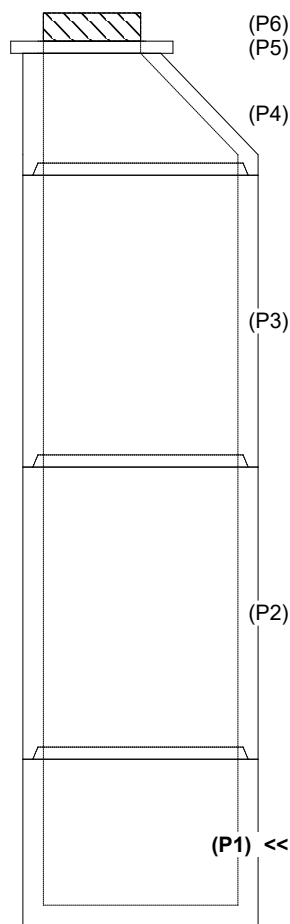
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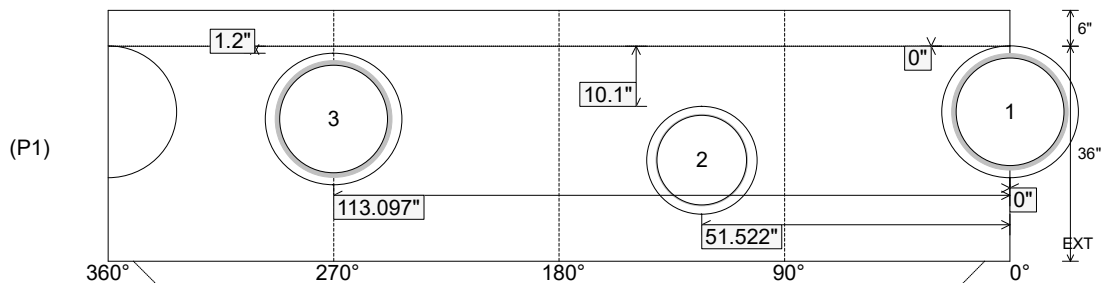
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