

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

Plant: Beaver Dam

10/15/2025 2:03:26 PM

Tech: J. Coppage

PC: A. Chambers



**Structure ID: LIFT STATION**

**P4 MH144RS96X**

**MH RISER w/XYPEX**

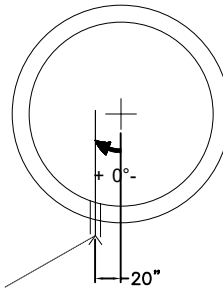
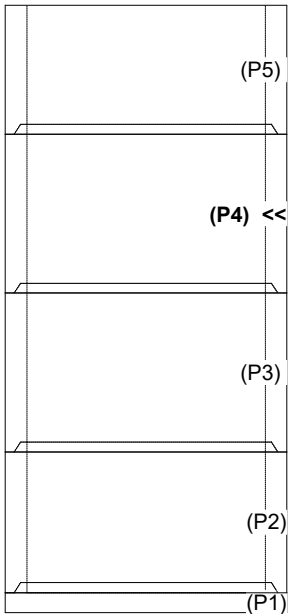
P5) 144" - MH RISER w/XYPEX - 78"	41232 lb
P4) 144" - MH RISER w/XYPEX - 96"	51595 lb
P3) 144" - MH RISER w/XYPEX - 96"	51236 lb
P2) 144" - MH RISER Custom Ht, w/XYPEX - 85"	45734 lb
P1) 144" - MH BASE SLAB w/XYPEX - 12"	22733 lb
1) JOINT WRAP - 12" WD x 144" MAC WRAP	0 lb
5) 144" - BUTYL 1.25" CS-231 (DBL = 90' per joint)	0 lb
3) Hole - 16	0 lb
1) PSX - 8QRS DD	6 lb
1) Kor-N-Seal2 - S206-22L	6 lb
<b>Structure Total:</b>	<b>212544 lb</b>

**Structure Notes:**  
 REINFORCING PER ASTM A615 (GRADE 60).  
 - RISER/WALLS (As .30) 3 WRAPS WWF

Rim: 738.25' Rim to Invert: 18.92' Slack: 14" Sump: 141.96" Step Position:

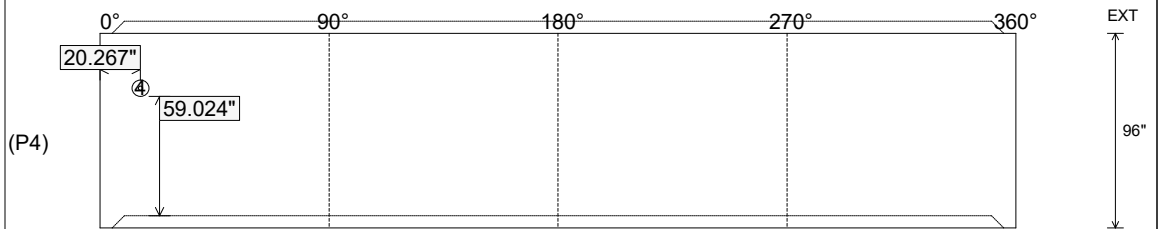
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4	728.25'	0°	20.189"	2" PVC SCH40	2.375"	PSX 8QRS DD	8"	8.334"	59.024"	20"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

**RIGHT-SIDE UP VIEW (int. dimensions)**



Invert: 4  
 Degree: 0°  
 Horz: 0"  
 Hole: 8"  
 Up( ): 59.024"

**INSIDE WALL DIMENSIONS**



Coating (Int):  
 Coating (Ext):

Seam Up: Tongue  
 Seam Dn: Groove

Wall Thickness: 13"  
 Floor Height: 0"

Height (Int): 96"  
 Height (Ext): 96"

Weight (Net): 51595 lb  
 Volume (Net): 13.18cu.yd