

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

Plant: Beaver Dam

Tech: J. Copping

10/15/2025 2:03:24 PM

PC: A. Chambers



**Structure ID: Metering Manhole**

**P2 MH072RSVFX**

**MH RISER Custom Ht, w/XYPEX**

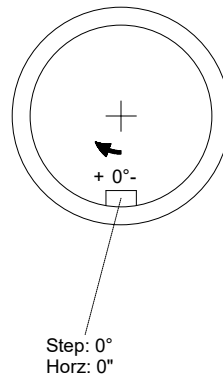
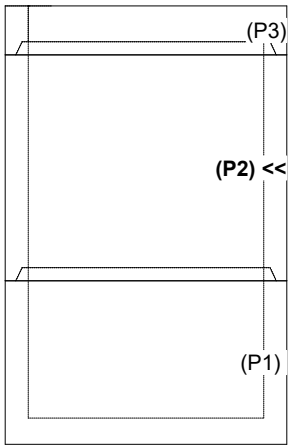
- P3) 72" - XYPEX MH FLAT TOP SPECIAL - 15"
- P2) 72" - MH RISER Custom Ht, w/XYPEX - 69"
- P1) 72" - MH BASE Custom Ht, w/XYPEX - 42"
- 1) HATCH (Alum.) - HALLIDAY S2R 42"x42"
- 2) 72" - Conseal CS-102 1.00" (Double)
- 2) Hole - 18

- 7311 lb  
 10059 lb  
 9721 lb  
 93 lb  
 0 lb  
 0 lb  
 -----  
 Structure Total: 27184 lb
- Structure Notes:**
1. HALLIDAY S2R 42" x 42" HATCH PROVIDED BY ICAST.
  2. PER ASTM C478 SPECIFICATIONS.
  3. CONCRETE = 4,000 PSI AT 28 DAYS.
  4. REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .18)  
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.
  5. HATCH TO BE CAST INTO THE TOP SLAB.

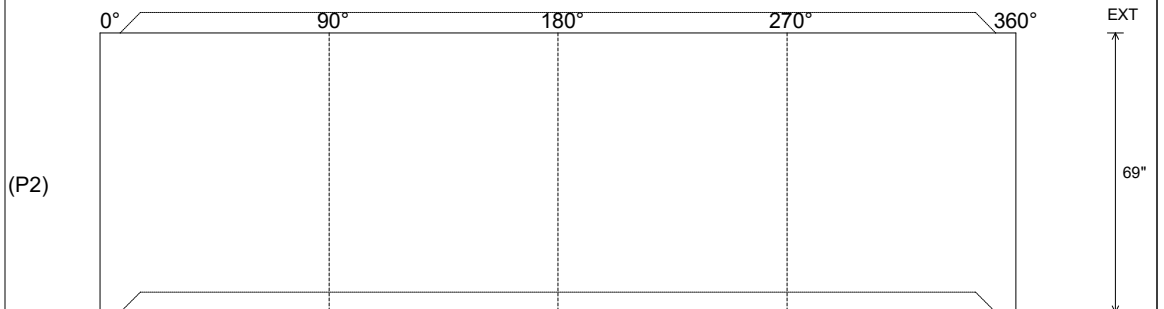
Rim: 736' Rim to Invert: 9.58' Slack: 0" Sump: 11.04" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

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



**INSIDE WALL DIMENSIONS**



Coating (Int):	Seam Up: Tongue	Wall Thickness: 7"	Height (Int): 69"	Weight (Net): 10059 lb
Coating (Ext):	Seam Dn: Groove	Floor Height: 0"	Height (Ext): 69"	Volume (Net): 2.57cu.yd