

Job Name: 25-3431B Plano Bridleton Farms Sanitary  
 Job Location: Bowling Green, KY  
 Contractor: J & J Concrete & Excavating, LLC

Plant: Beaver Dam

Tech: C.Russ

10/10/2025 11:35:21 AM

PC: E. Bradley



**Structure ID: SSMH A7**

**P1 MH048BA18**

**MH BASE**

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING - 3"
- P2) 48" - ECC CONE w/ 24" HOLE - 24"
- P1) 48" - MH BASE - 18"
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) JOINT WRAP - 12" WD x 048" MAC WRAP
- 1) CASTING - HOE MC-375 F/C Sanitary
- 1) 48" - DBL 1"x14.5' Butyl (2x)
- 2) A-Lok - 0285
- 3) MH Step ML-10-TDS-NCR - 10"

- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. HOE 375 F/C "SANITARY" BY ICAST
  3. REINFORCING PER ASTM A615 (GRADE 60).
  - CONE (As .12)
  - RISER/WALLS (As .12)
  - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

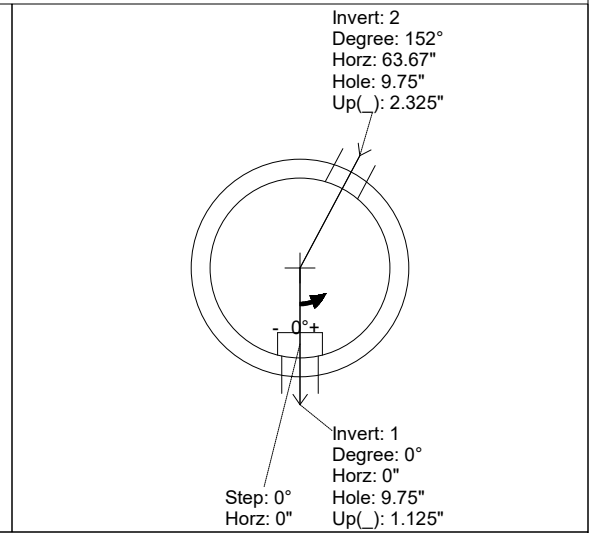
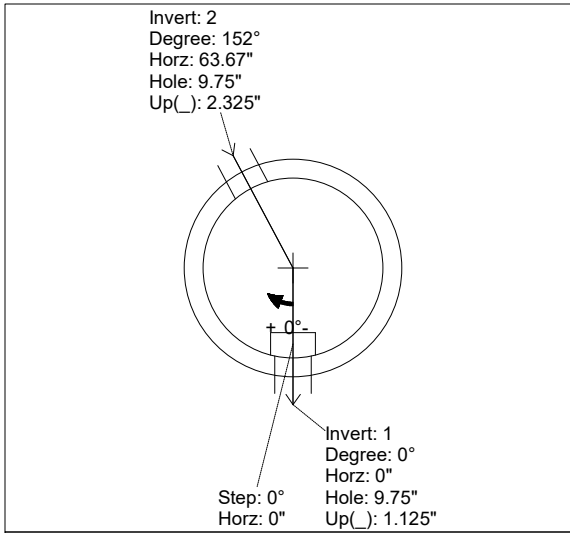
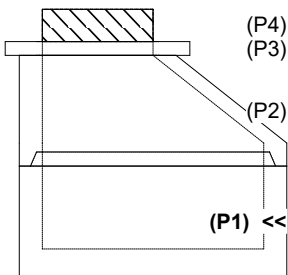
Structure Total: 5990 lb

Rim: 604.21' Rim to Invert: 4.47' Slack: 3.64" Sump: 2" Step Position: 0°

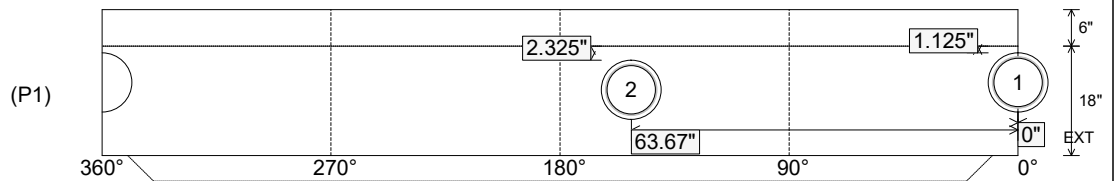
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	599.74'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	599.84'	152°	76.934"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	2.325"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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): 18"  
 Height (Ext): 24"

Weight (Net): 2525 lb  
 Volume (Net): 0.64cu.yd

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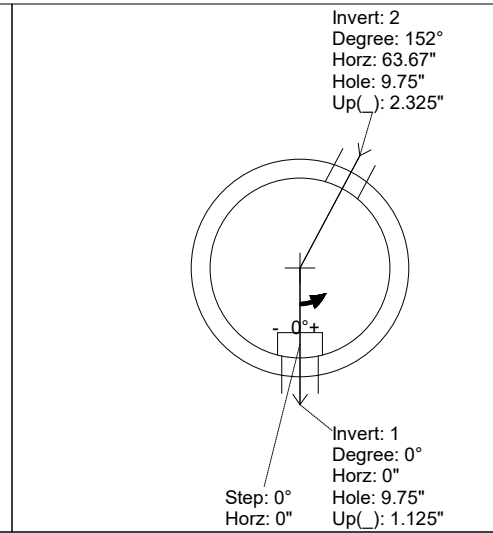
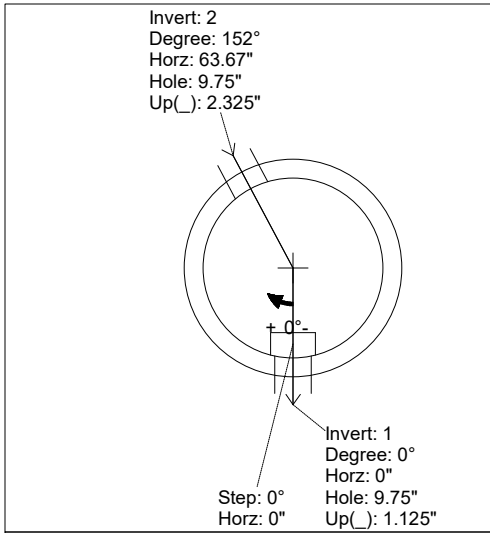
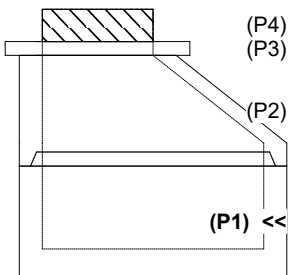
**INVERT CHANNEL DRAWING  
 FULL HEIGHT INVERT**

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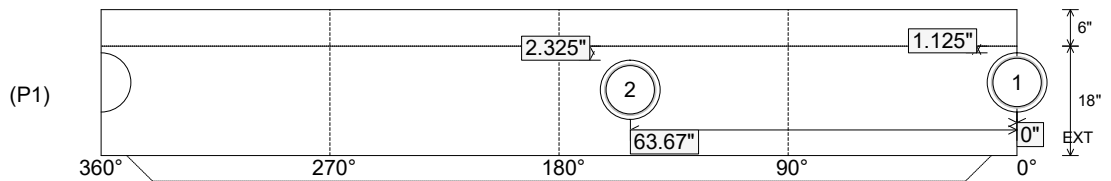
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