

Job Name: 25-1511 Halfhill Estates Ph.2
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

11/11/2025 4:05:07 PM

PC: T. Ryan



Structure ID: MH F-1

P1 MH048BA24X

MH BASE w/XYPEX T/n

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC XYPEX CONE w/ 24" HOLE F/G - 36"
- P1) 48" - MH BASE w/XYPEX T/n - 24"
- 1) 48" - SAN. INV. CHANNEL - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE XYPEX C-500 NF RED
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - DBL 1"x14.5' Butyl (2x)
- 2) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 2911 lb
 1440 lb
 0 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 6923 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING SHIPPED LOOSE (HOE MC-350 F/C).

REINFORCING PER ASTM A615 (GRADE 60).

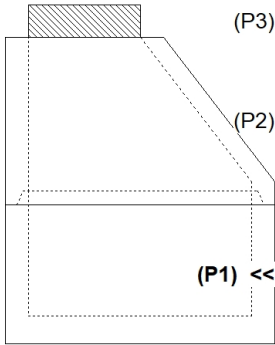
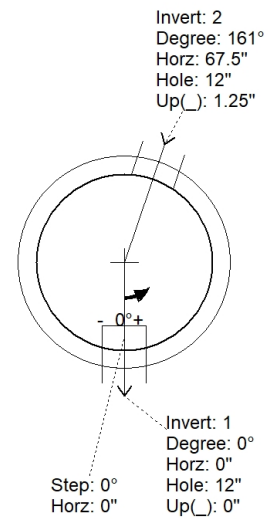
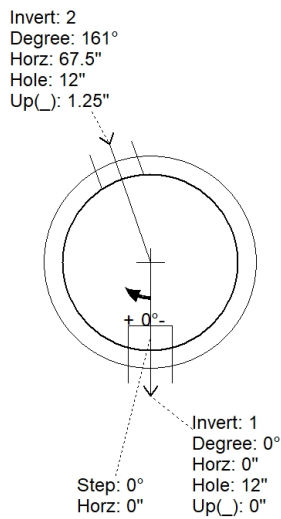
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 891.16' Rim to Invert: 5.51' Slack: 1.12" Sump: 2" Step Position: 0°

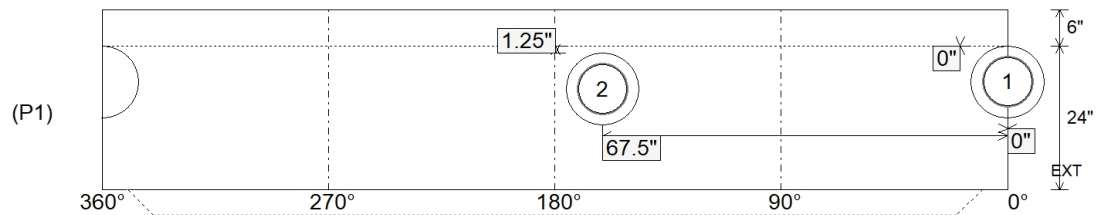
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	885.65'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	885.75'	161°	81.5"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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): 24"
 Height (Ext): 30"

Weight (Net): 2911 lb
 Volume (Net): 0.74cu.yd

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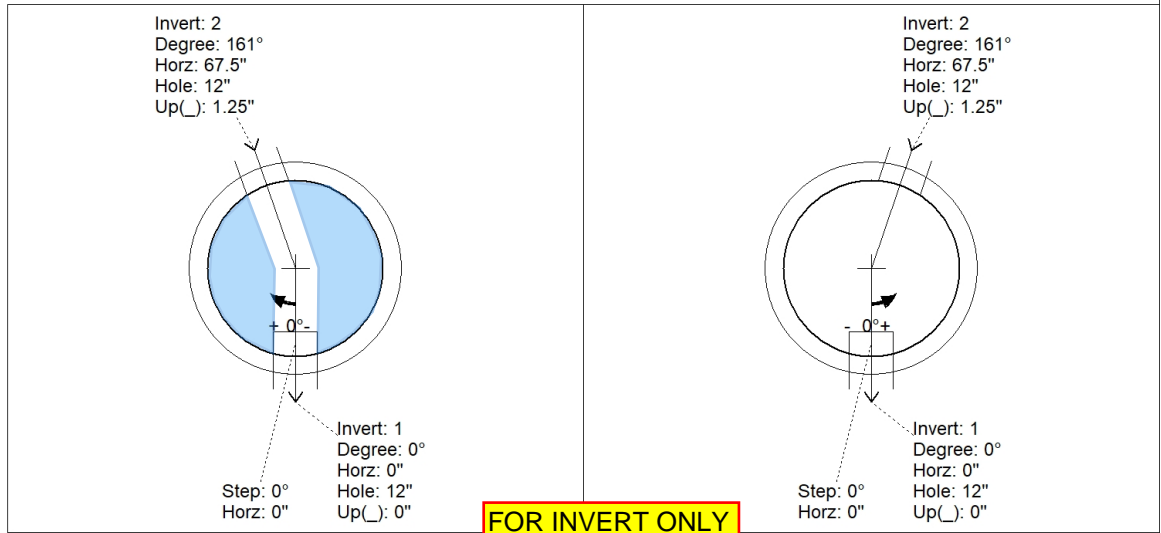
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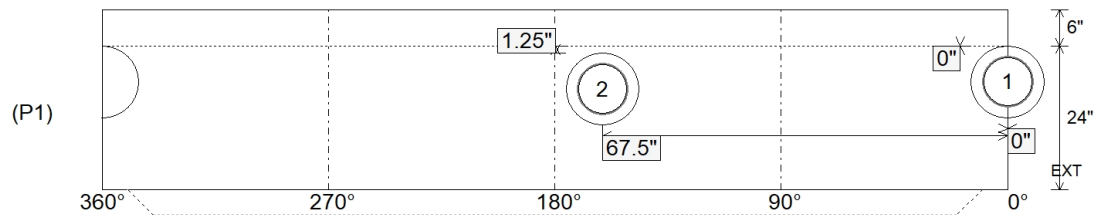
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FOR INVERT ONLY

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