

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

Plant: Beaver Dam  
 11/11/2025 4:05:07 PM

Tech: J. Horsley  
 PC: T. Ryan



**Structure ID: MH E-3**

**P1 MH048BA36X**

**MH BASE w/XYPEX T/n**

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC XYPEX CONE w/ 24" HOLE F/G - 42"
- P1) 48" - MH BASE w/XYPEX T/n - 36"
- 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)
- 1) PSX - 12-08 NYLO
- 7) MH Step ML-10-TDS-NCR - 10"

0 lb  
 3116 lb  
 3797 lb  
 1440 lb  
 0 lb  
 0 lb  
 0 lb  
 305 lb  
 0 lb  
 8 lb  
 0 lb  
 -----  
 Structure Total: 8667 lb

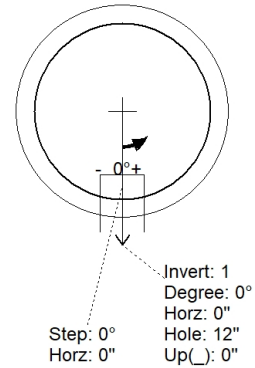
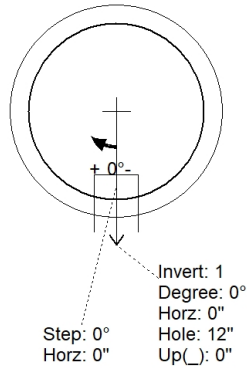
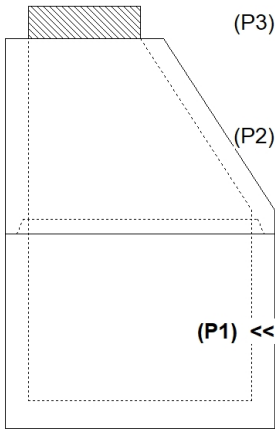
**Structure Notes:**  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. CASTING SHIPPED LOOSE (HOE MC-350 F/C).  
  
 REINFORCING PER ASTM A615 (GRADE 60).  
 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 890.05' Rim to Invert: 7.15' Slack: 2.8" Sump: 2" Step Position: 0°

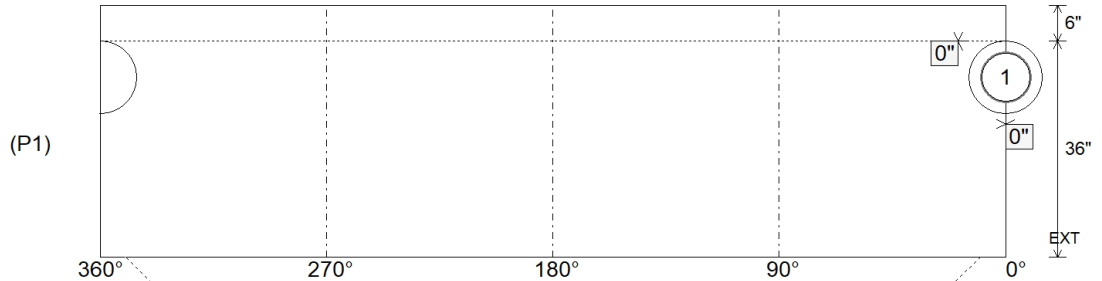
| Position | Elev   | Angle | Ext. (cw) | Pipe         | Pipe OD | Connector      | Hole | Horz Size | Up ( ) | Offset |
|----------|--------|-------|-----------|--------------|---------|----------------|------|-----------|--------|--------|
| Invert 1 | 882.9' | 0°    | 0"        | 8" PVC SDR35 | 8.5"    | PSX 12-08 NYLO | 12"  | 12.129"   | 0"     | 0"     |
| Invert 2 |        |       |           |              |         |                |      |           |        |        |
| 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): 36"  
 Height (Ext): 42"

Weight (Net): 3797 lb  
 Volume (Net): 0.97cu.yd

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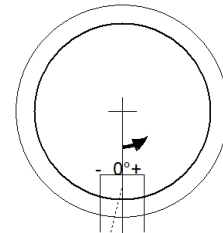
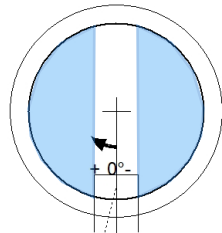
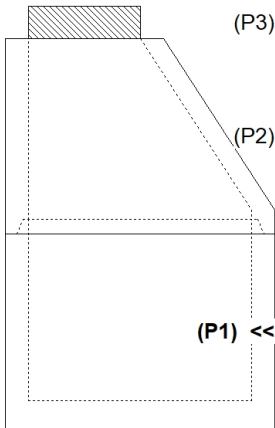
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| Invert 5 |        |       |           |              |         |                |      |           |        |        |
| Invert 6 |        |       |           |              |         |                |      |           |        |        |
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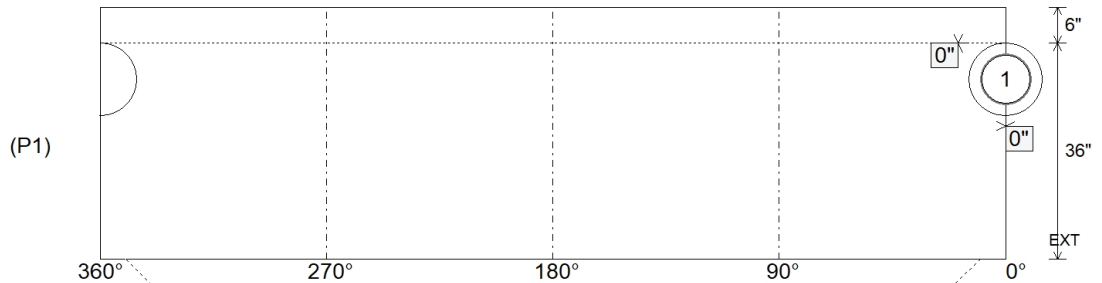
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**FOR INVERT ONLY**

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