

Job Name: 26-2809 - Yorkshire Estates Ph 1-4
Job Location: Mt. Juliet, TN
Contractor: Harakas

Plant: Beaver Dam

Tech: J. Coppage

10/7/2026 11:04:29 AM

PC: E. Bradley



Structure ID: MH-A14 SS-MHD

P1 MH048BA36CDARED

MH BASE w/DROP/ConBlock-CDA Red

- P5) 24" - CASTING HEIGHT - 6"
P4) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red - 24"
P3) 48" - MH RISER w/ConBlock-CDA Red - 48"
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 48"
P1) 48" - MH BASE w/DROP/ConBlock-CDA Red - 36"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
1) CASTING - JBS 1155 F/C SANITARY
3) 48" - Con seal CS-102 1.00" (Double)
1) 24" - Con seal CS-102 1.00" (Double)
2) PSX - 12-08 NYLO
1) Drop Tee - 8" PVC
1) Drop Elbow - 8" PVC
13) MH Step ML-10-TDS-NCR - 10"

0 lb
1297 lb
3353 lb
3329 lb
3725 lb
0 lb
0 lb
1440 lb
250 lb
0 lb
0 lb
16 lb
0 lb
0 lb
0 lb

Structure Notes:

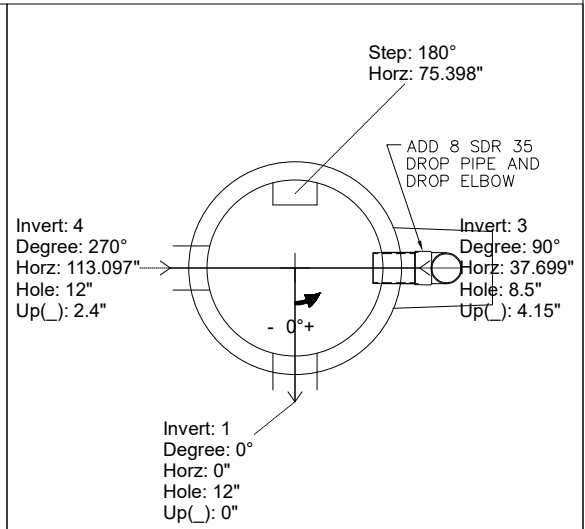
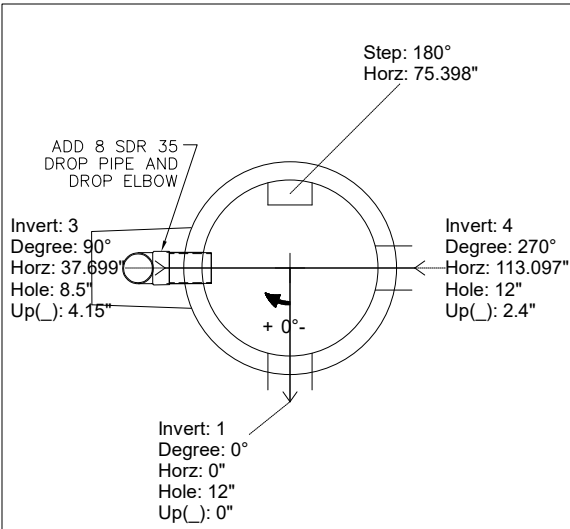
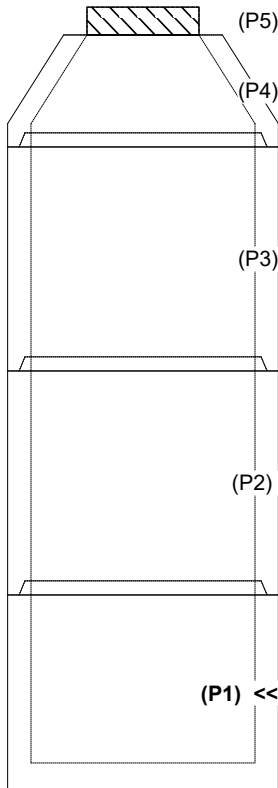
1. JBS 1155 SANITARY PROVIDED BY ICAST.
 2. PER ASTM C478 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. ADMIXTURE = CONBLOCK CDA RED.
 5. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 522.8' Rim to Invert: 13.57' Slack: 2.84' Sump: 2" Structure Total: 13441 lb Step Position: 180°

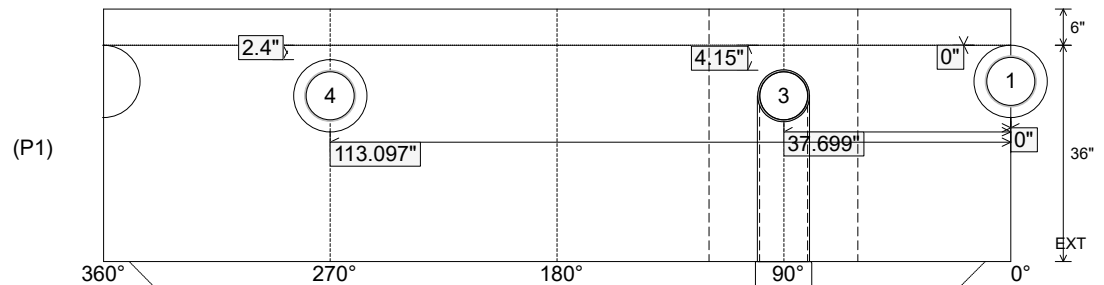
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	509.23'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3	509.43'	90°	45.553"	8" PVC SDR26	8.5"	Drop Elbow 8" PVC	8.5"	8.545"	4.15"	0"
Invert 4	509.43'	270°	136.659"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	2.4"	0"
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): 3725 lb
Volume (Net): 0.95cu.yd

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Rim to Invert: 13.57'

Slack: 2.84"

Sump: 2"

Structure Total: 13411 lb

Step Position: 180°

INVERT CHANNEL DRAWING

FULL HEIGHT INVERT

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