

Job Name: 26-2279 - Keenland Trace Unit 14
Job Location: Owensboro, KY
Contractor: Winwater Hartford KY Co.

Plant: 100

7/29/2026 1:59:40 PM

Tech: Jared - F

PC: A. Chambers



Structure ID: 43 SS-MH

P1 MH048BA18X

MH BASE w/XYPEX

- P3) 24" - CASTING HEIGHT - 7"
P2) 48" - ECC XYPEX CONE w/ 24" HOLE - 30"
P1) 48" - MH BASE w/XYPEX - 18"
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) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) CASTING - HOE MC-315 F/C RWRA
1) 48" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
1) PSX - 12-08 NYLO
1) PSX - 8QRS-S NYLO
4) MH Step ML-10-TDS-NCR - 10"

Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE MC-315 F/C RWRA)
4. ADMIXTURE = XYPEX C-500 NF RED.
REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

0 lb
1981 lb
2519 lb
0 lb
0 lb
0 lb
1440 lb
258 lb
0 lb
0 lb
8 lb
6 lb
0 lb

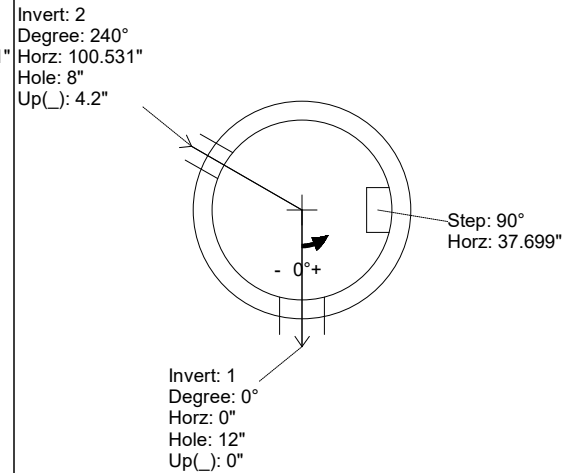
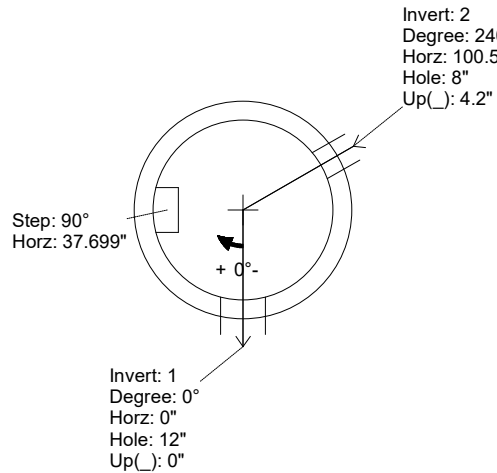
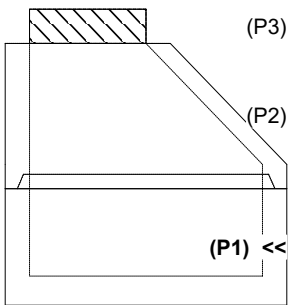
Structure Total: 6212 lb

Rim: 392.62' Rim to Invert: 4.57' Slack: 1.84" Sump: 2" Step Position: 90°

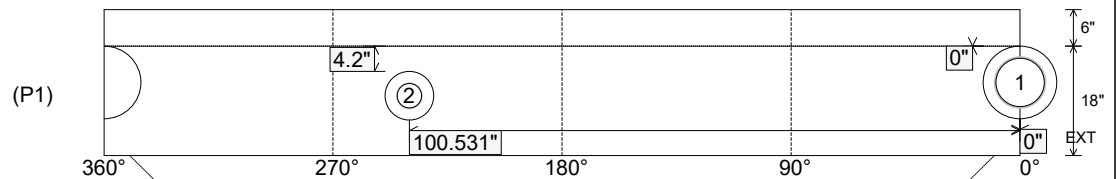
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	388.05'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	388.4'	240°	121.475"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8.038"	4.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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): 2519 lb
Volume (Net): 0.64cu.yd

Job Name: 26-2279 - Keenland Trace Unit 14
Job Location: Owensboro, KY
Contractor: Winwater Hartford KY Co.

Plant: 100

7/29/2026 1:59:40 PM

Tech: Jared - F
PC: A. Chambers



Structure ID: 43 SS-MH

P1 MH048BA18X

MH BASE w/XYPEX

- P3) 24" - CASTING HEIGHT - 7"
P2) 48" - ECC XYPEX CONE w/ 24" HOLE - 30"
P1) 48" - MH BASE w/XYPEX - 18"
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) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) CASTING - HOE MC-315 F/C RWRA
1) 48" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
1) PSX - 12-08 NYLO
1) PSX - 8QRS-S NYLO
4) MH Step ML-10-TDS-NCR - 10"

- 0 lb
1981 lb
2519 lb
0 lb
0 lb
0 lb
1440 lb
258 lb
0 lb
0 lb
8 lb
6 lb
0 lb

Structure Total: 6212 lb
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE MC-315 F/C RWRA)
4. ADMIXTURE = XYPEX C-500 NF RED.
REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

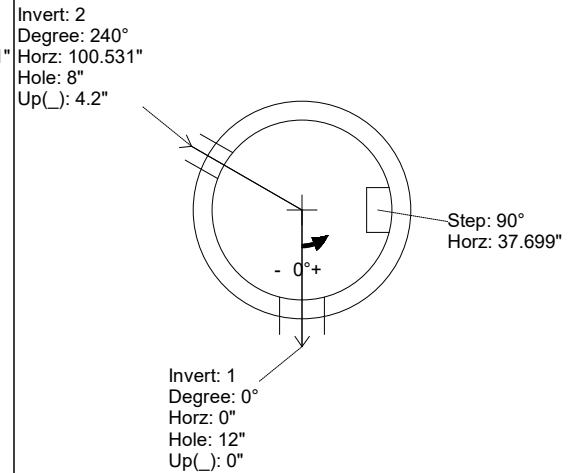
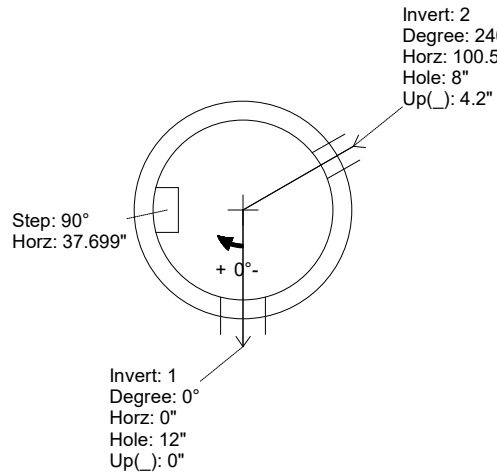
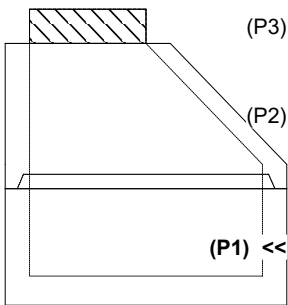
**INVERT CHANNEL DRAWING
FULL HEIGHT INVERT**

Rim: 392.62' Rim to Invert: 4.57' Slack: 1.84" Sump: 2" Step Position: 90°

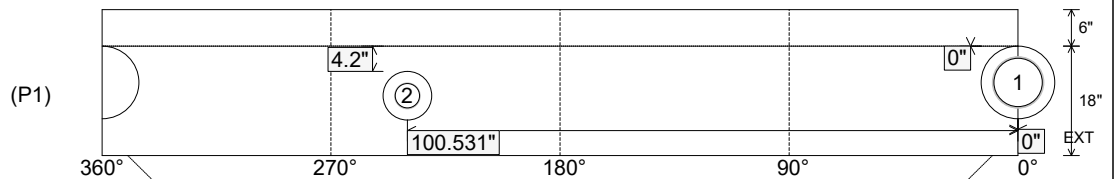
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	388.05'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	388.4'	240°	121.475"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8.038"	4.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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): 2519 lb Volume (Net): 0.64cu.yd
----------------------------------	---------------------------------	--	--	--