

Job Name: 26-2513- Stagner Farms Subdivision Sec. 2

Job Location: Bowling Green, KY

Contractor: R.A. Alexander & Sons, Inc.

Plant: 100

9/22/2026 8:16:57 AM

Tech: Jared - A

PC: Trevor Lewis



Structure ID: A5 ST-CI

P1 MH048BA54

MH BASE

P5) 24" x 36" - CASTING HEIGHT - 6.25"

P4) 24" x 36" - GRADE RING - 3"

P3) 48" - MH FLAT TOP w/24"x36" Hole - 12"

P2) 48" - MH RISER - 60"

P1) 48" - MH BASE - 54"

1) CASTING - EJ 4510 F/G

2) 48" - Conseal CS-102 1.00"

2) 24" x 36" - Conseal CS-102 1.00"

2) Hole - 28

1) Hole - 18

9) MH Step ML-10-TDS-NCR - 10"

0 lb

306 lb

1300 lb

4192 lb

4448 lb

445 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 10691 lb

Structure Notes:

1. EJ 4510 F/G PROVIDED BY ICAST.

2. PER ASTM C478 SPECIFICATIONS.

3. CONCRETE = 4,000 PSI AT 28 DAYS.

4. REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..

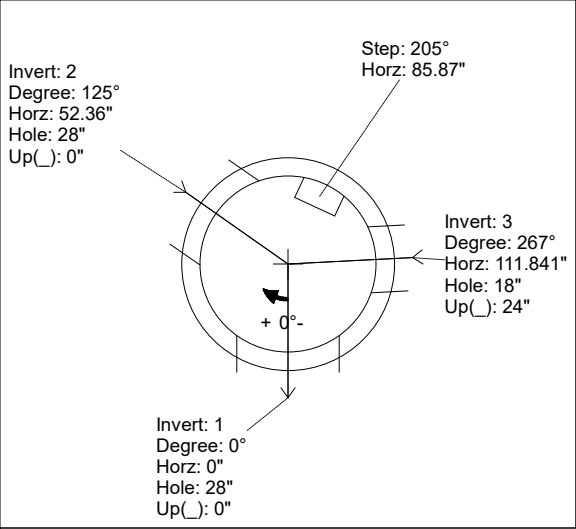
- RISER/WALLS (As .12)

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

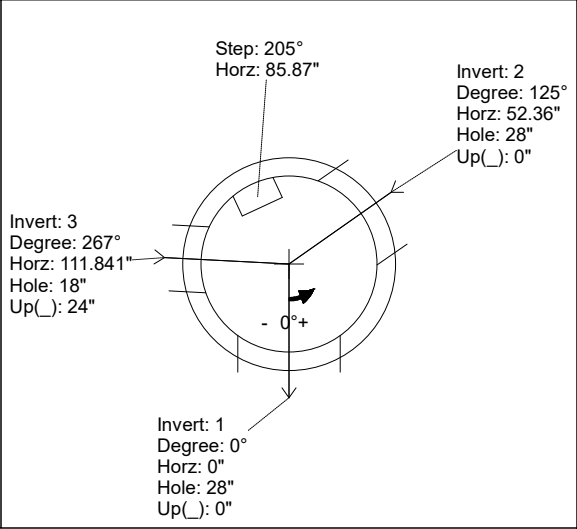
Rim: 560.52' Rim to Invert: 11.23' Slack: 0.01" Sump: 0.5" Step Position: 205

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	549.29'	0°	0"	24" CMP	25"	Hole 28	28"	29.896"	0"	0"
Invert 2	549.29'	125°	63.268"	24" CMP	25"	Hole 28	28"	29.896"	0"	0"
Invert 3	551.29'	267°	135.141"	15" CMP	16"	Hole 18	18"	18.451"	24"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

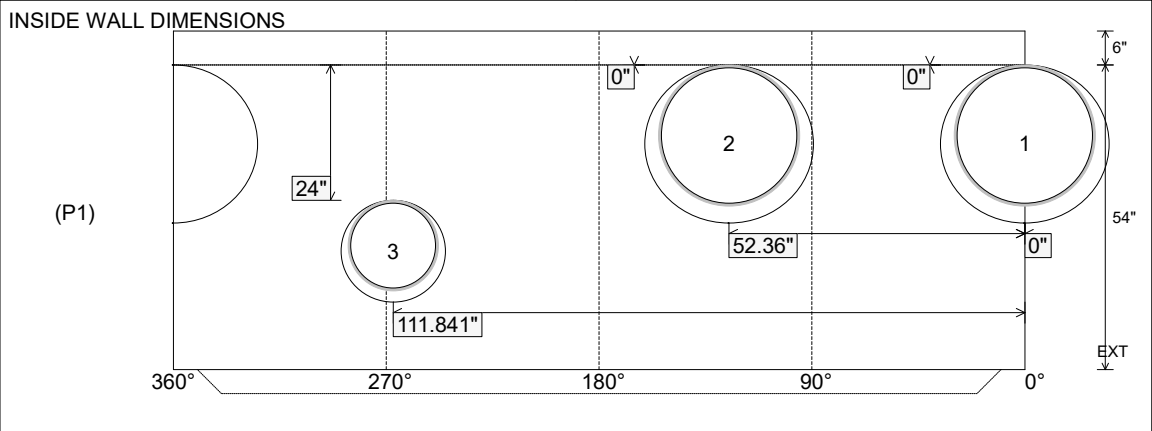
RIGHT-SIDE UP VIEW (int. dimensions)



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): 54"

Height (Ext): 60"

Weight (Net): 4448 lb

Volume (Net): 1.14cu.yd