

Job Name: 26-3051 ADS Aiken Ridge Ph.2

Job Location: Louisville, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

7/27/2026 1:49:28 PM

Tech: S. Felletter

PC: T. Ryan



Structure ID: WQU1

P1MH120BVF

MH BASE T/n

P7) 24" - CASTING HEIGHT - 7"

P6) 24" - GRADE RING F/F - 3"

P5) 120" - MH FLAT LID w/24in CON Hole F/G - 18"

P4) 120" - MH RISER T/G - 36"

P3) 120" - MH RISER T/G - 96"

P2) 120" - MH RISER T/G - 96"

P1) 120" - MH BASE T/n - 24"

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

1) ASSEMBLY REQUIRED - BRACKETS ONLY

1) CASTING - HOE MC-420 F/C Storm LOU-MSD

4) 120" - Conseal CS-102 1.00"

2) 24" - Conseal CS-102 1.00"

2) Hole - 24

0 lb

202 lb

16678 lb

13675 lb

35438 lb

36468 lb

25064 lb

0 lb

0 lb

0 lb

340 lb

0 lb

0 lb

0 lb

Structure Total: 127865 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. CASTING BY ICAST (HOE MC-420 F/C LOU-MSD "STORM").

4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE.

5. ASSEMBLY REQUIRED - BRACKETS ONLY.

REINFORCING PER ASTM A615 (GRADE 60).

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

- RISER/WALLS (As .36)

- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 642.5'

Rim to Invert: 9.85'

Slack: 0.2"

Sump: 162"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P7)

(P6)

(P5)

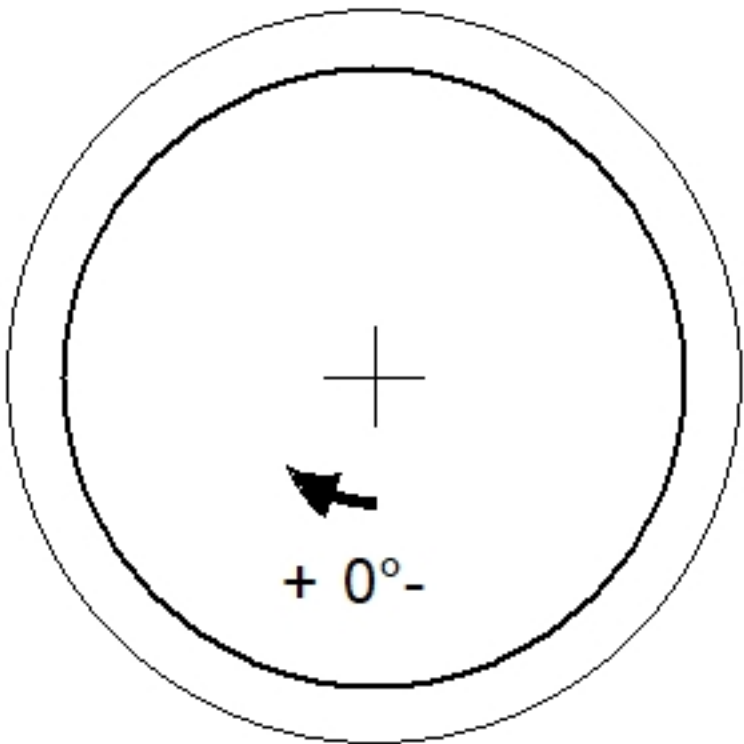
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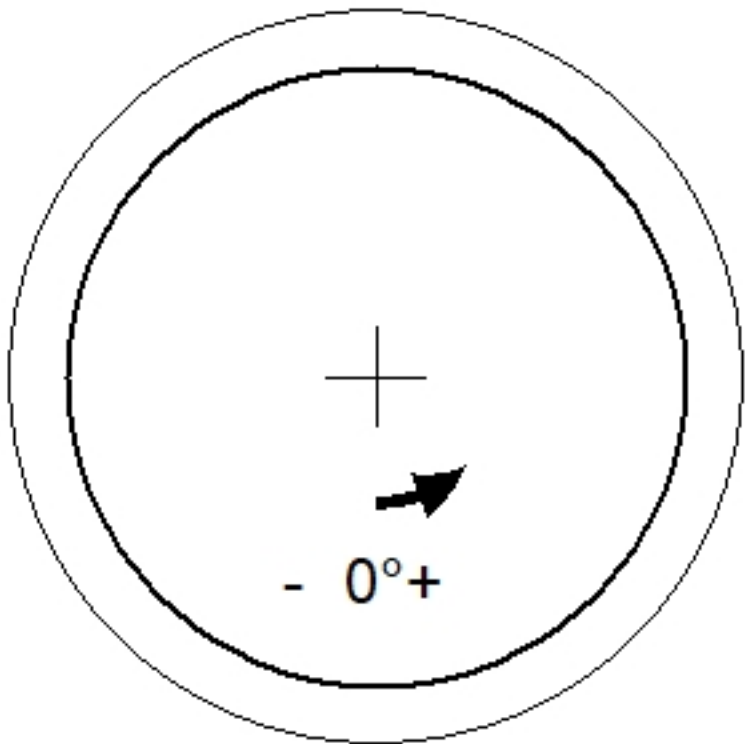
(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

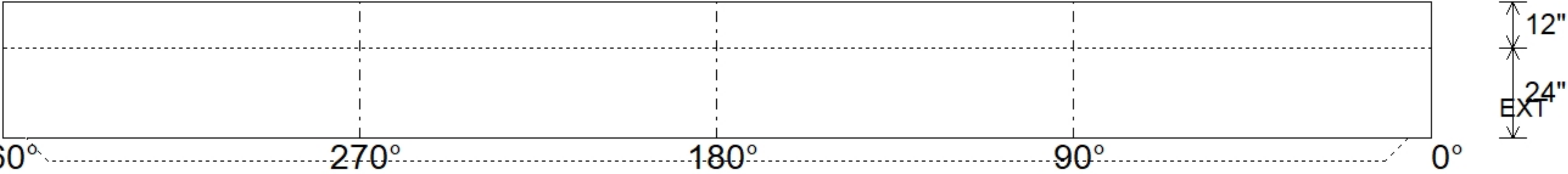


UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS

(P1)



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 11"

Floor Height: 12"

Height (Int): 24"

Height (Ext): 36"

Weight (Net): 25064 lb

Volume (Net): 6.4cu.yd