

Job Name: 26-3849 ADS Take 5 Oil

Job Location: Jackson, TN

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

10/13/2026 8:37:02 AM

Tech: S. Felletter

PC: M. Sullivan



Structure ID: A4

P1MH048BA24MH BASE T/n

P6) 24" - CASTING HEIGHT - 7"

P5) 48" - MH FLAT LID w/24" Center Hole F/G - 12"

P4) 48" - MH RISER SPECIAL T/G - 60"

P3) 48" - MH RISER SPECIAL T/G - 60"

P2) 48" - MH RISER SPECIAL T/G - 24"

P1) 48" - 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

1) CASTING - HOE MCB-375-B F/Bar Grt

4) 48" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

1) Hole - 24

1) Hole - 20

1) Hole - 18

0 lb

1580 lb

4192 lb

3750 lb

1677 lb

3007 lb

0 lb

0 lb

0 lb

250 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

14455 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. CASTING BY ICAST (HOE MCB-375-B F/C "STORM").

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

5. P2 & P3 RISERS TO BE MECHANICALLY ATTACHED PRIOR TO INTERNAL INSTALLATION/DELIVERY.

.

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: 416.06'

Rim to Invert: 8.87'

Slack: 0.68"

Sump: 81.24"

Structure Total: 14455 lb

Step Position: 0'

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										

(P6)

(P5)

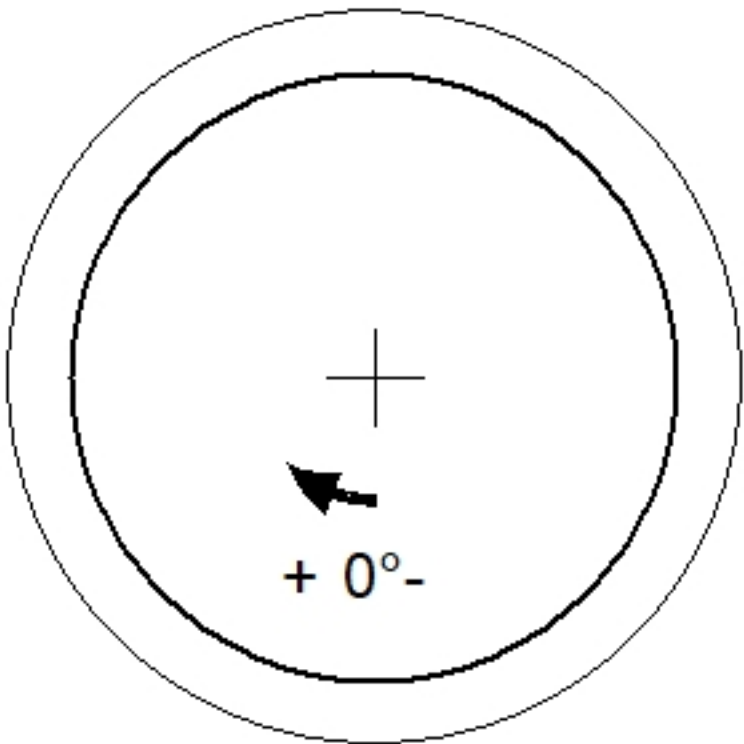
(P4)

(P3)

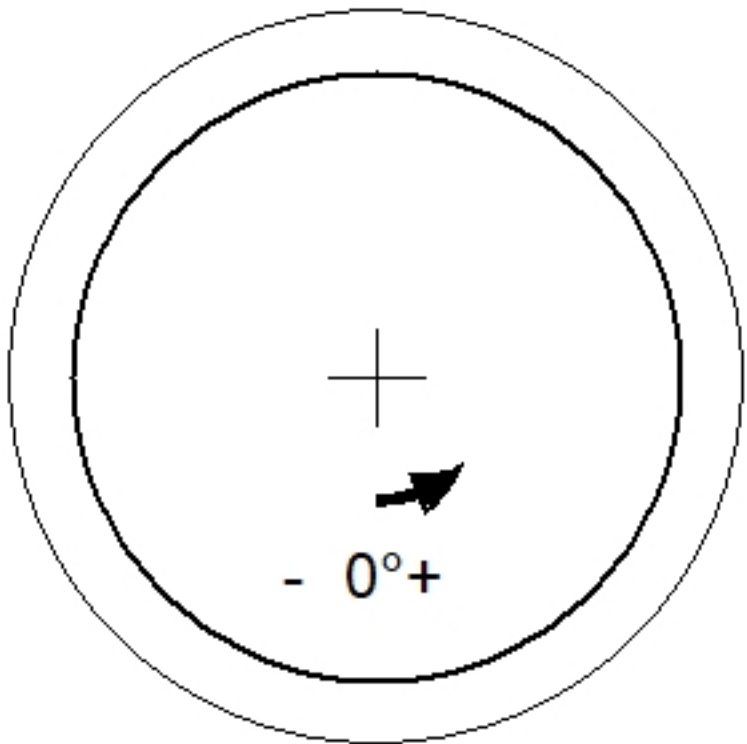
(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

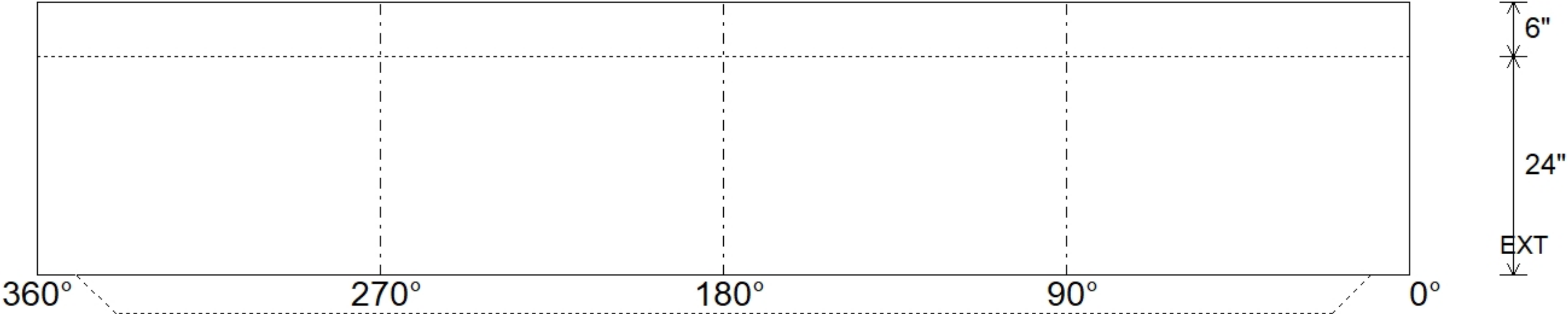


UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS

(P1)



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 24"

Height (Ext): 30"

Weight (Net): 3007 lb

Volume (Net): 0.77cu.yd