

Job Name: 26-3824 ADS LivSmart

Job Location: Florence, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

10/9/2026 1:21:40 PM

Tech: S. Felletter

PC: M. Sullivan

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: WQMH 2

P2 MH036RS72

MH RISER T/G

P6) 24" - CASTING HEIGHT - 7"

P5) 24" - GRADE RING F/F - 3"

P4) 36" - MH FLAT TOP w/ 24" Ctr. Hole F/G - 10"

P3) 36" - MH RISER T/G - 48"

P2) 36" - MH RISER T/G - 72"

P1) 36" - MH BASE T/n - 18"

1) ASSEMBLY REQUIRED

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

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

1) CASTING - HOE MC-375 F/C Storm

3) 36" - Conseal CS-102 1.00"

2) 24" - Conseal CS-102 1.00"

2) Hole - 20

0 lb

202 lb

896 lb

2025 lb

2816 lb

1525 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 7735 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

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

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

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: 876.89'

Rim to Invert: 8.61'

Slack: 0.28"

Sump: 54.96"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	868.28'	0°	0"	15" HDPE	17.6"	Hole 20	20"	21.205"	30.96"	0"
Invert 2	869.38'	212°	81.402"	15" HDPE	17.6"	Hole 20	20"	21.205"	44.16"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P6)

(P5)

(P4)

(P3)

(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 212°

Horz: 66.602"

Hole: 20"

Up(): 44.16"

+ 0° -

Invert: 1

Degree: 0°

Horz: 0"

Hole: 20"

Up(): 30.96"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

0"

66.602"

44.16"

30.96"

72"

1

2

(P2)

Coating (Int):

Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 4"
Floor Height: 0"

Height (Int): 72"
Height (Ext): 72"

Weight (Net): 2816 lb
Volume (Net): 0.72cu.yd