

Job Name: 26-3354 ADS Nottingham Flats

Job Location: Florence, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

8/26/2026 10:58:11 AM

Tech: S. Felletter

PC: M. Sullivan

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: S227

P3MH048RS72SMH RISER SPECIAL T/G

P7) 24" - CASTING HEIGHT - 7"

P6) 24" - GRADE RING F/F - 4"

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

P4) 48" - MH RISER NO STEPS T/G - 72"

P3) 48" - MH RISER SPECIAL T/G - 72"

P2) 48" - MH RISER NO STEPS T/G - 36"

P1) 48" - 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

4) 48" - Conseal CS-102 1.00"

2) 24" - Conseal CS-102 1.00"

2) Hole - 30

0 lb

270 lb

1580 lb

5030 lb

4398 lb

2515 lb

2588 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 16651 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.

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: 925.03'

Rim to Invert: 11.72'

Slack: 0.64"

Sump: 81"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	913.31'	0°	0"	24" HDPE	27.8"	Hole 30	30"	32.406"	19.75"	0"
Invert 2	913.31'	187°	94.649"	24" HDPE	27.8"	Hole 30	30"	32.406"	19.75"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P7)

(P6)

(P5)

(P4)

(P3) <<

(P2)

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 187°

Horz: 78.33"

Hole: 30"

Up(): 19.75"

+ 0° -

Invert: 1

Degree: 0°

Horz: 0"

Hole: 30"

Up(): 19.75"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

0"

78.33"

1

2

19.75"

19.75"

EXT

72"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 72"

Height (Ext): 72"

Weight (Net): 4398 lb

Volume (Net): 1.12cu.yd