

Job Name: 26-3823 ADS Pulte Hayes Avenue

Job Location: Louisville, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

10/7/2026 3:51:20 PM

Tech: S. Felletter

PC: M. Sullivan

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: WQU-2

P2 MH048RS72S

MH RISER SPECIAL T/G

P6) 24" - CASTING HEIGHT - 7"

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

P4) 48" - MH RISER Custom Ht T/G - 33"

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

P2) 48" - MH RISER SPECIAL T/G - 72"

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 MC-375 F/C Storm

4) 48" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) Hole - 16

0 lb

1580 lb

2305 lb

3353 lb

4858 lb

3007 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 15375 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: 695.92'

Rim to Invert: 9.64'

Slack: 0.68"

Sump: 81"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	686.28'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.312"	50.75"	0"
Invert 2	686.28'	260°	131.598"	12" HDPE	14.5"	Hole 16	16"	16.312"	50.75"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

(P6)

(P5)

(P4)

(P3)

(P2) <<

(P1)

Invert: 1

Degree: 0°

Horz: 0"

Hole: 16"

Up(): 50.75"

Invert: 2

Degree: 260°

Horz: 108.909"

Hole: 16"

Up(): 50.75"

INSIDE WALL DIMENSIONS

0"0°

90°

180°

108.909"

270°

360°

1

2

50.75"

50.75"

(P2)

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): 4858 lb
Volume (Net): 1.24cu.yd