

Job Name: 26-2976 ADS St. Charles at Park Hills

Job Location: Park Hills, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

7/23/2026 12:18:13 PM

Tech: S. Felletter

PC: T. Ryan

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 4

P3 MH060RSVF

MH RISER Custom Ht T/G

P6) 24" - CASTING HEIGHT - 7"

P5) 60" - MH FLAT TOP w/24" Ctr. Hole F/G - 13"

P4) 60" - MH RISER T/G - 72"

P3) 60" - MH RISER Custom Ht T/G - 61"

P2) 60" - MH RISER T/G - 48"

P1) 60" - 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) 60" - Conseal CS-102 1.00" (Double)

1) 24" - Conseal CS-102 1.00" (Double)

2) Hole - 38

0 lb

2674 lb

7516 lb

5148 lb

5011 lb

4612 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 25232 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. LIFT ANCHORS TO BE 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 .18)

- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 828.73'

Rim to Invert: 11.58'

Slack: 0.96"

Sump: 81"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	817.15'	0°	0"	30" HDPE	35.1"	Hole 38	38"	41.151"	6.25"	0"
Invert 2	817.15'	200°	125.664"	30" HDPE	35.1"	Hole 38	38"	41.151"	6.25"	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: 200°

Horz: 104.72"

Hole: 38"

Up(): 6.25"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 38"

Up(): 6.25"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

0"

104.72"

61"

6.25"

6.25"

1

2

Coating (Int):

Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 6"
Floor Height: 0"

Height (Int): 61"
Height (Ext): 61"

Weight (Net): 5148 lb
Volume (Net): 1.32cu.yd