

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 12:18:14 PM

Tech: S. Felletter

PC: T. Ryan

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 14A

P3 MH048RSVF

MH RISER Custom Ht T/G

P6) 24" - CASTING HEIGHT - 7"

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

P4) 48" - MH RISER T/G - 72"

P3) 48" - MH RISER Custom Ht T/G - 53"

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

P1) 48" - MH BASE T/n - 18"

1) ASSEMBLY REQUIRED

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

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

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

4) 48" - Conseal CS-102 1.00" (Double)

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

2) Hole - 30

0 lb

1580 lb

5030 lb

3070 lb

3353 lb

2588 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 15892 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 .12)

- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 835.38'

Rim to Invert: 10.84'

Slack: 1.08"

Sump: 81"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (⌋)	Offset
Invert 1	824.54'	0°	0"	24" HDPE	27.8"	Hole 30	30"	32.406"	7.75"	0"
Invert 2	824.54'	180°	91.106"	24" HDPE	27.8"	Hole 30	30"	32.406"	7.75"	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: 2

Degree: 180°

Horz: 75.398"

Hole: 30"

Up(⌋): 7.75"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 30"

Up(⌋): 7.75"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

0"

75.398"

7.75"

7.75"

53"

1

2

Coating (Int):

Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 5"
Floor Height: 0"

Height (Int): 53"
Height (Ext): 53"

Weight (Net): 3070 lb
Volume (Net): 0.78cu.yd