

Job Name: 26-3367 ADS Paddocks of Parkridge Sec.2

Job Location: Louisville, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

8/26/2026 10:19:51 AM

Tech: S. Felletter

PC: M. Sullivan

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: WQU

P2MH060RS72SMH RISER SPECIAL T/G

P5) 24" - CASTING HEIGHT - 7"

P4) 60" - MH FLAT TOP w/24" Ctr. Hole F/G - 13"

P3) 60" - MH RISER Custom Ht T/G - 69"

P2) 60" - MH RISER SPECIAL T/G - 72"

P1) 60" - MH BASE Custom Ht T/n - 25"

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

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

2) Hole - 16

0 lb

2674 lb

7203 lb

7312 lb

5343 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

22803 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 .18)

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

Rim: 479.17'

Rim to Invert: 8.75'

Slack: 0"

Sump: 81"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	470.42'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.196"	49.25"	0"
Invert 2	470.42'	245°	153.938"	12" HDPE	14.5"	Hole 16	16"	16.196"	49.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

(P5)

(P4)

(P3)

(P2) <<

(P1)

Invert: 2

Degree: 245°

Horz: 128.282"

Hole: 16"

Up(): 49.25"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 16"

Up(): 49.25"

INSIDE WALL DIMENSIONS

0"0°

90°

180°

128.282"

270°

360°

1

2

49.25"

49.25"

(P2)

EXT

72"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 6"

Floor Height: 0"

Height (Int): 72"

Height (Ext): 72"

Weight (Net): 7312 lb

Volume (Net): 1.87cu.yd