

Job Name: 26-3522 ADS Miller-Blankenbaker Rd. Subdivision

Job Location: Jeffersontown, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

9/3/2026 2:23:59 PM

Tech: S. Felletter

PC: M. Sullivan

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: STR-18

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 - 46"

P3) 48" - MH RISER NO STEPS T/G - 72"

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" (Double)

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

2) Hole - 16

0 lb

1580 lb

3213 lb

5030 lb

4770 lb

3007 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 17871 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE

4. CASTING BY ICAST (HOE MC-375 F/C "STORM").

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: 722.5'

Rim to Invert: 12.7'

Slack: 0.4"

Sump: 81"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	709.8'	0°	-16.944"	12" HDPE	14.5"	Hole 16	16"	29.112"	50.75"	-15.996"
Invert 2	709.8'	0°	16.944"	12" HDPE	14.5"	Hole 16	16"	29.112"	50.75"	15.996"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P6)

(P5)

(P4)

(P3)

(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

+ 0°-

Invert: 2
Degree: 0°
Horz: 0"
Hole: 16"
Up(): 50.75"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 16"
Up(): 50.75"

INSIDE WALL DIMENSIONS

17.508"

90°

180°

271

17.508"

360°

2

50.75"

1

50.75"

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): 4770 lb

Volume (Net): 1.22cu.yd