

Job Name: 26-3263 ADS Hickory Commerce Center

Job Location: Whites Creek, TN 37189

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

10/8/2026 3:31:24 PM

Tech: J. Coppage

PC:

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: WQU C4

P2MH036RS72

MH RISER T/G

P4) 24" - CASTING HEIGHT - 7"

P3) 36" - MH FLAT TOP w/ 24" Ctr. Hole F/G - 10"

P2) 36" - MH RISER T/G - 72"

P1) 36" - MH BASE Custom Ht T/n - 17"

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

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

1) ASSEMBLY REQUIRED

1) CASTING - JBS 1150 F/C STORM

2) 36" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) Hole - 26

0 lb

896 lb

2647 lb

1483 lb

0 lb

0 lb

0 lb

250 lb

0 lb

0 lb

0 lb

Structure Total: 5276 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. CASTING BY ICAST (JBS 1150 F/C "STORM").

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

5. ASSEMBLY REQUIRED.

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: 514.32'

Rim to Invert: 4.29'

Slack: 0.44"

Sump: 54.96"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	510.03'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	29.052"	30.46"	0"
Invert 2	510.53'	180°	69.115"	18" RCP B WALL	23"	Hole 26	26"	29.052"	36.46"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P4)

(P3)

(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 180°

Horz: 56.549"

Hole: 26"

Up(): 36.46"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 26"

Up(): 30.46"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

0"

56.549"

30.46"

36.46"

72"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 4"

Floor Height: 0"

Height (Int): 72"

Height (Ext): 72"

Weight (Net): 2647 lb

Volume (Net): 0.68cu.yd