

Job Name: 26-3263 ADS Hickory Commerce Center
Job Location: Whites Creek, TN 37189
Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

Tech: J. Coppage

10/5/2026 12:14:20 PM

PC:



Structure ID: WQU A2-B

P3 MH120RS96

MH RISER NO STEPS T/G

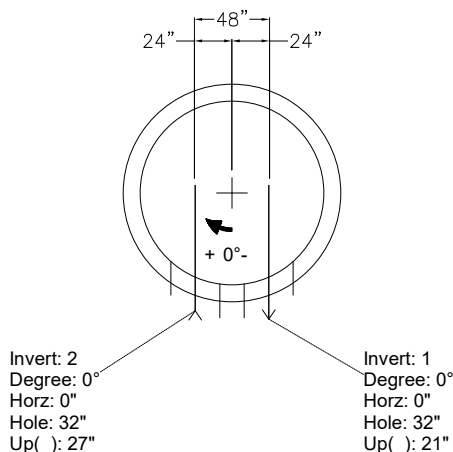
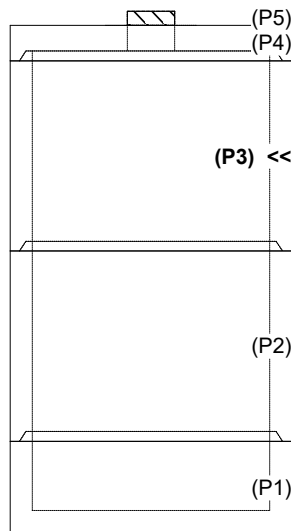
- P5) 24" - CASTING HEIGHT - 7"
P4) 120" - MH FLAT LID w/24in CON Hole F/G - 18"
P3) 120" - MH RISER NO STEPS T/G - 96"
P2) 120" - MH RISER NO STEPS T/G - 96"
P1) 120" - MH MONOBASE 12F, Custom Ht T/n - 35"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) ASSEMBLY REQUIRED - BRACKETS ONLY
1) CASTING - JBS 1150 F/C STORM
3) 120" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
2) Hole - 32

- 0 lb
16678 lb
34838 lb
36468 lb
29242 lb
0 lb
0 lb
0 lb
250 lb
0 lb
0 lb
0 lb
Structure Total: 117476 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 - BRACKETS ONLY (ASSEMBLY TO BE COMPLETED IN THE FIELD)
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) DBL MAT
-- BOTTOM MAT #5 BARS AT 6" C.C.E.W.
-- TOP MAT #4 BARS AT 4" 12" C.C.E.W.
- RISER/WALLS (As .36)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

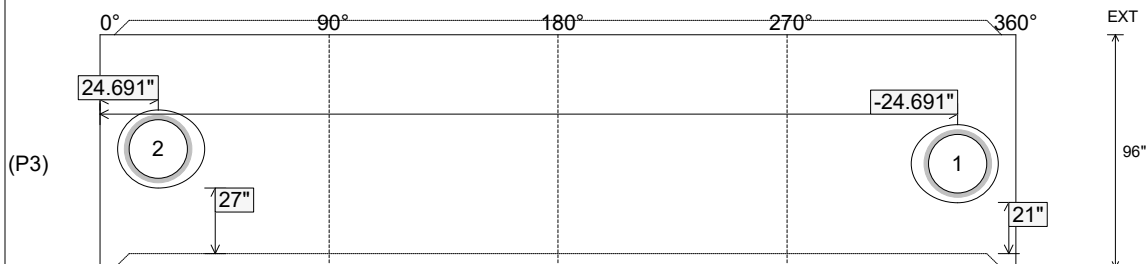
Rim: 532.61' Rim to Invert: 7.56' Slack: 0.72" Sump: 162" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	525.05'	0°	-24.482"	24" HDPE	27.8"	Hole 32	32"	35.76"	21"	-24"
Invert 2	525.55'	0°	24.482"	24" HDPE	27.8"	Hole 32	32"	35.76"	27"	24"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 11"
Floor Height: 0"

Height (Int): 96"
Height (Ext): 96"

Weight (Net): 34838 lb
Volume (Net): 8.9cu.yd