

Job Name: 26-3051 ADS Aiken Ridge Ph.2
Job Location: Louisville, KY
Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam
7/27/2026 1:53:03 PM

Tech: S. Felletter
PC: T. Ryan



Structure ID: WQU1

P3 MH120RS96

MH RISER T/G

- P7) 24" - CASTING HEIGHT - 7"
P6) 24" - GRADE RING F/F - 3"
P5) 120" - MH FLAT LID w/24in CON Hole F/G - 18"
P4) 120" - MH RISER T/G - 36"
P3) 120" - MH RISER T/G - 96"
P2) 120" - MH RISER T/G - 96"
P1) 120" - 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 - BRACKETS ONLY
1) CASTING - HOE MC-420 F/C Storm LOU-MSD
4) 120" - Conseal CS-102 1.00"
2) 24" - Conseal CS-102 1.00"
2) Hole - 24"

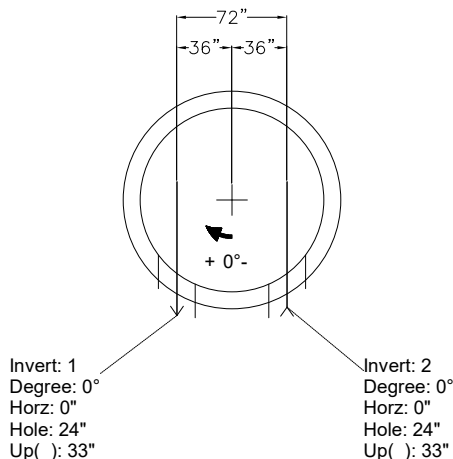
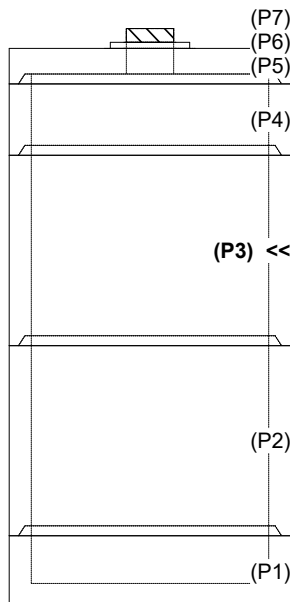
- 0 lb
202 lb
16678 lb
13675 lb
35438 lb
36468 lb
25064 lb
0 lb
0 lb
0 lb
340 lb
0 lb
0 lb
0 lb
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE MC-420 F/C LOU-MSD "STORM").
4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE.
5. ASSEMBLY REQUIRED - BRACKETS ONLY.
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .36)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Structure Total: 127865 lb

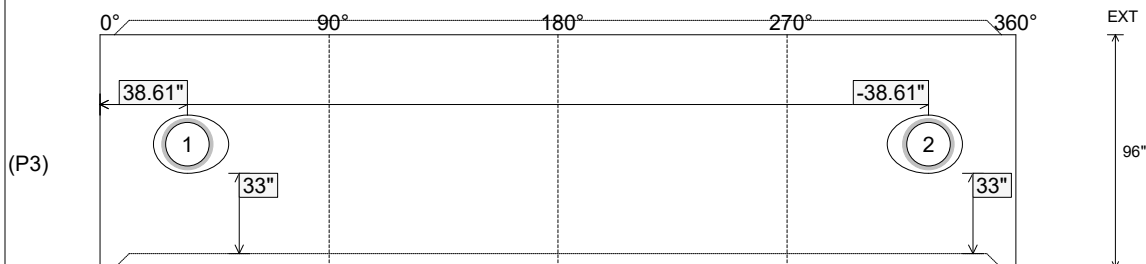
Rim: 642.5' Rim to Invert: 9.85' Slack: 0.2" Sump: 162" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	632.65'	0°	37.754"	18" HDPE	21.2"	Hole 24	24"	30.947"	33"	36"
Invert 2	632.65'	0°	-37.754"	18" HDPE	21.2"	Hole 24	24"	30.947"	33"	-36"
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): 35438 lb
Volume (Net): 9.05cu.yd