

Job Name: 25-3113 ADS Project Smash
 Job Location: Nashville, TN
 Contractor: ADS Advances Drainage Systems, Inc.

Plant: Beaver Dam
 11/10/2025 2:18:57 PM

Tech: J. Coppage
 PC: C. Goff



Structure ID: WQU-1

P3 MH096RS96

MH RISER NO STEPS

- P7) 24" - CASTING HEIGHT - 7"
- P6) 96" - MH FLAT TOP w/ 24" Conc. Hole - 17"
- P5) 96" - MH RISER NO STEPS - 66"
- P4) 96" - MH RISER NO STEPS - 96"
- P3) 96" - MH RISER NO STEPS - 96"
- P2) 96" - MH RISER Custom Ht - 50"
- P1) 96" - MH MONOBASE 13F, Custom Ht - 24"
- 1) ASSEMBLY REQUIRED
- 1) SECONDARY POUR
- 5) 96" - Conseal CS-102 1.00"
- 2) Hole - 40

0 lb
 10473 lb
 16442 lb
 22941 lb
 22941 lb
 12456 lb
 17113 lb
 0 lb
 0 lb
 0 lb
 0 lb

 102366 lb

Structure Total:

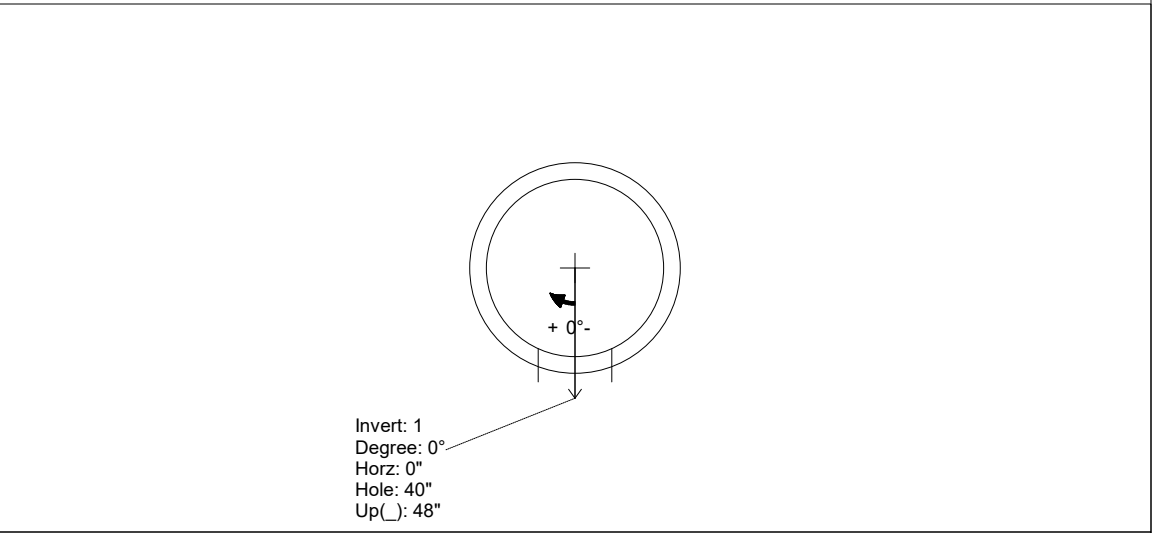
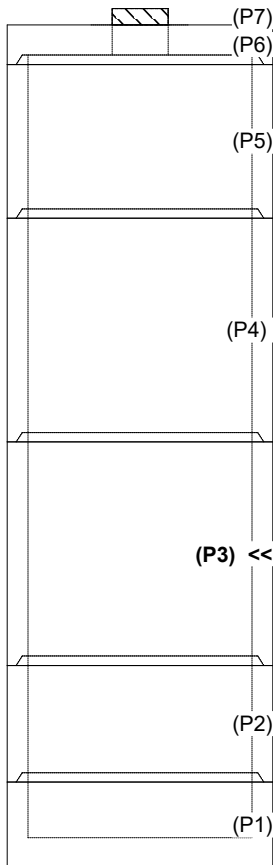
Structure Notes:

1. JR HOE MC-375 STORM PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .24)
5. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE.
6. INTERNAL COMPONENTS TO BE INSTALLED IN THE FIELD.

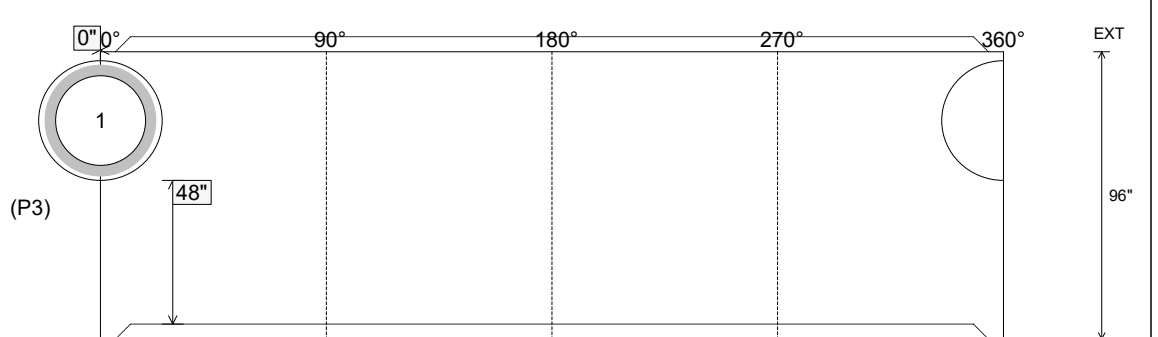
Rim: 569.93' Rim to Invert: 18.78' Slack: 1.36" Sump: 132" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	551.15'	0°	0"	30" RCP B WALL	37"	Hole 40	40"	41.258"	48"	0"
Invert 2										
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: 9"
 Floor Height: 0"

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

Weight (Net): 22941 lb
 Volume (Net): 5.86cu.yd