

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 1:50:20 PM

Tech: S. Felletter
PC: T. Ryan



Structure ID: WQU1

P5 MH120LD18

MH FLAT LID w/24in CON Hole F/G

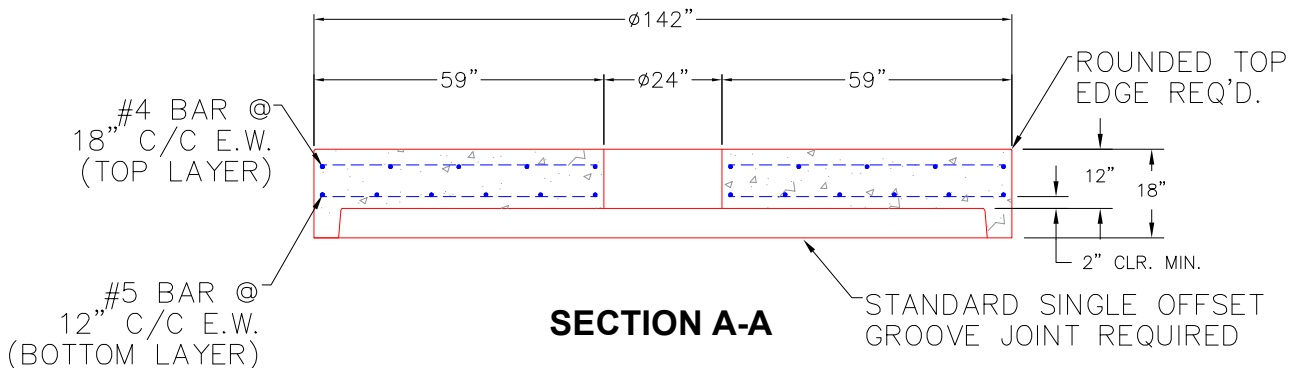
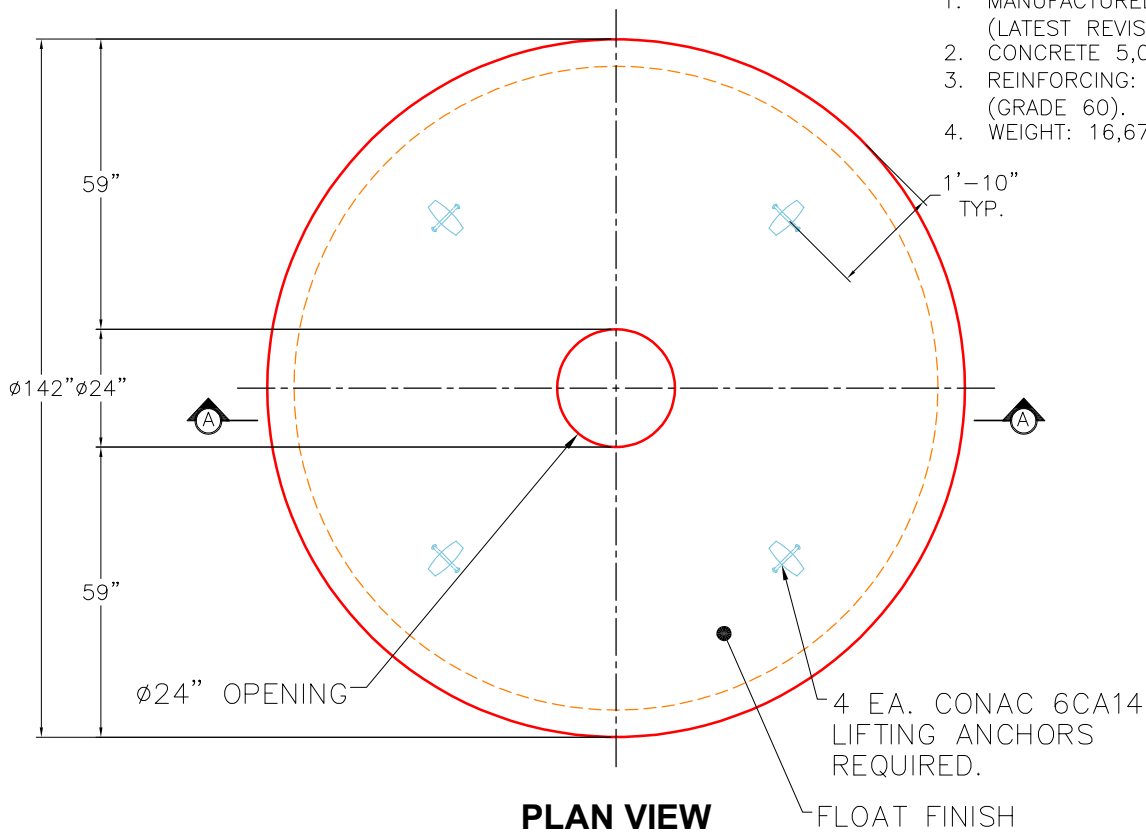
- P7) 24" - CASTING HEIGHT - 7"
P6) 24" - GRADE RING F/F - 3"
P5) 120" - MH FLAT LID w/24in CON Hole F/G - 18"
P4) 120" - MH RISER T/G - 36"
P3) 120" - MH RISER T/G - 96"
P2) 120" - MH RISER T/G - 96"
P1) 120" - MH BASE T/h - 24"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL 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
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

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE 5,000 PSI AT 28 DAYS.
3. REINFORCING: #4 & #5 BAR AS SHOWN (GRADE 60).
4. WEIGHT: 16,678 LBS.



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 11"

Height (Ext): 18"

Weight (Net): 16678 lb
Volume (Net): 4.26cu.yd