

Job Name: 26-3349 ADS Nashville Display Expansion
Job Location: Lebanon, TN
Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

8/25/2026 12:38:52 PM

Tech: S. Felletter

PC: T. Ryan



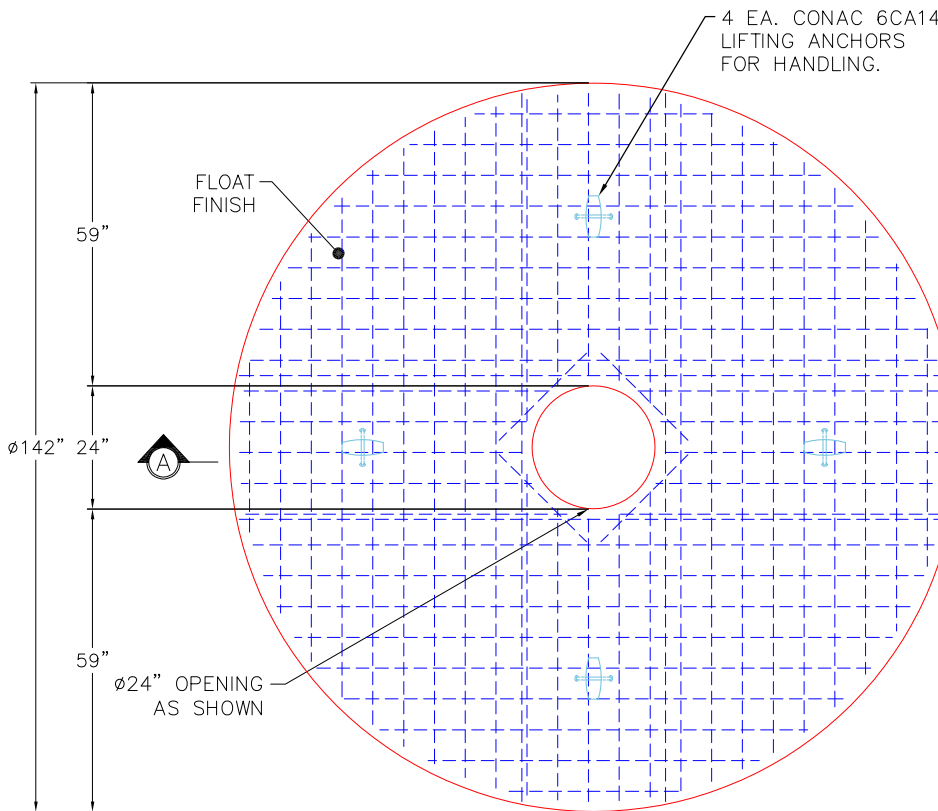
Structure ID: WQU3

P4 MH120LD12SP

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

- P5) 24" - CASTING HEIGHT - 4"
P4) 120" - MH FLAT LID w/24in CON Hole F/F - 12"
P3) 120" - MH RISER Custom Ht F/G - 86"
P2) 120" - MH RISER Custom Ht T/G - 86"
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-285 F/C Storm
3) 120" - Conseal CS-102 1.25" (Double)
2) DOGHOUSE INVRTD - 40"x39"
1) Hole - 34

- 0 lb
13164 lb
29245 lb
32669 lb
25064 lb
0 lb
0 lb
0 lb
284 lb
0 lb
0 lb
0 lb
Structure Total: 100426 lb
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE MC-285 F/C "STORM").
4. ASSEMBLY REQUIRED - BRACKETS ONLY.
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62)
BOTTOM MAT #5 BARS AT 6" C.C.E.W.
TOP MAT #4 BARS AT 12" O.C.E.W.
- RISER/WALLS (As .36)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.



GENERAL NOTES:

- MANUFACTURED TO ASTM C-478 (LATEST REVISION).
- CONCRETE 4,000 PSI AT 28 DAYS.
- REINFORCING: BOTTOM MAT #5 BAR @ 6" C.C.E.W. (GRADE 60) TOP MAT #4 BAR @ 12" O.C.E.W. - 2" MIN CLEARANCE TYP.

REBAR TAKEOFF SUMMARY - TOP MAT

BAR | SIZE | LENGTH | QTY

B1	#5	47 in (3'-11")	2 pcs
B2	#5	73 in (6'-1")	2 pcs
B3	#5	90 in (7'-6")	2 pcs
B4	#5	103 in (8'-7")	2 pcs
B5	#5	113 in (9'-5")	2 pcs
B6	#5	121 in (10'-1")	2 pcs
B7	#5	128 in (10'-8")	2 pcs
B8	#5	133 in (11'-1")	2 pcs
B9	#5	137 in (11'-5")	2 pcs
B10	#5	138 in (11'-6")	2 pcs
B11	#5	134 in (11'-2")	2 pcs
B12	#5	130 in (10'-10")	2 pcs
B13	#5	124 in (10'-4")	2 pcs
B14	#5	116 in (9'-8")	2 pcs
B15	#5	106 in (8'-10")	2 pcs
B16	#5	94 in (7'-10")	2 pcs
B17	#5	79 in (6'-7")	2 pcs
B18	#5	65 in (5'-5")	4 pcs
B19	#5	59 in (4'-11")	4 pcs
B20	#5	57 in (4'-9")	6 pcs
B21	#5	58 in (4'-10")	4 pcs
B22	#5	61 in (5'-1")	4 pcs
B23	#5	139 in (11'-7")	4 pcs
B24	#5	24 in (2'-0")	4 pcs

Total Pieces: 64 Pcs
Total Footage: 474.57 LF
Total Weight: 494.98 lbs (0.247 Tons)
TYP SPA = #5 BARS AT 6" C.C.E.W.

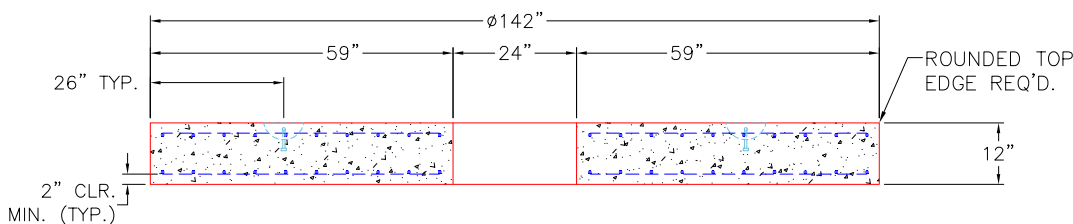
REBAR TAKEOFF SUMMARY - BTM MAT

BAR | SIZE | LENGTH | QTY

B1	#4	33 in (2'-9")	2 pcs
B2	#4	83 in (6'-11")	2 pcs
B3	#4	108 in (9'-0")	2 pcs
B4	#4	123 in (10'-3")	2 pcs
B5	#4	133 in (11'-1")	2 pcs
B6	#4	134 in (11'-2")	2 pcs
B7	#4	125 in (10'-5")	2 pcs
B8	#4	111 in (9'-3")	2 pcs
B9	#4	88 in (7'-4")	2 pcs
B10	#4	46 in (3'-10")	2 pcs
B11	#4	57 in (4'-9")	4 pcs
B12	#4	56 in (4'-8")	4 pcs
B13	#4	138 in (11'-6")	4 pcs
B14	#4	24 in (2'-0")	4 pcs

Total Pieces: 36 Pcs
Total Footage: 255.56 LF
Total Weight: 170.71 lbs (0.085 Tons)
TYP SPA = #4 BARS AT 12" C.C.E.W.

TOP VIEW



FRONT VIEW

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 11"

Height (Ext): 12"

Weight (Net): 13164 lb
Volume (Net): 3.36cu.yd