Job Name: 26-3263 ADS Hickory Commerce Center Job Location: Whites Creek, TN 37189 Contractor: ADS Advanced Drainage Systems, Inc.	Plant: Beaver Dam 10/5/2026 12:13:50 PM	Tech: J. Coppage PC:	

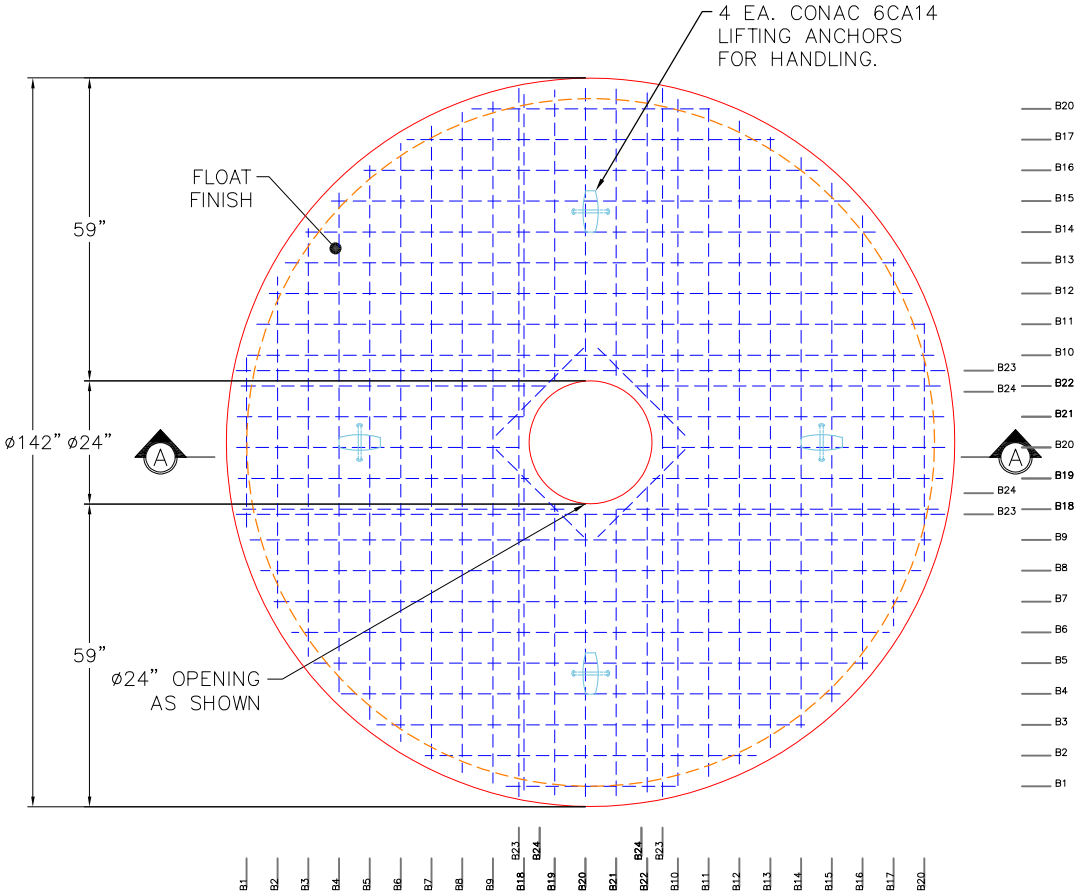
Structure ID: WQU A2-A

P4 MH120LD18 MH FLAT LID w/24in CON Hole F/G

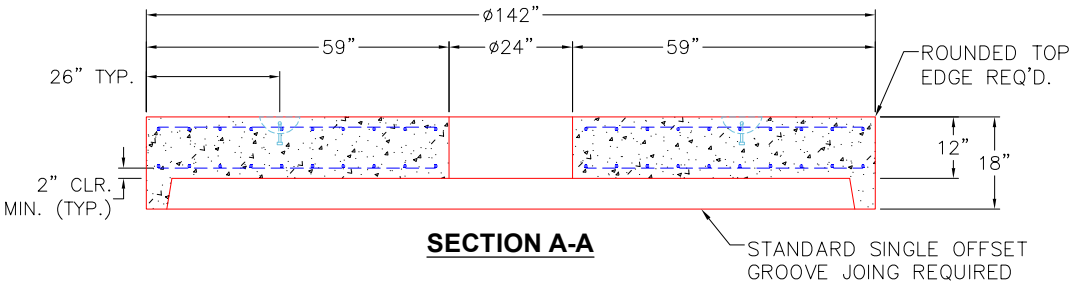
P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 120" - MH FLAT LID w/24in CON Hole F/G - 18"	16678 lb
P3) 120" - MH RISER Custom Ht T/G - 88"	31799 lb
P2) 120" - MH RISER Custom Ht T/G - 88"	33429 lb
P1) 120" - MH BASE T/n - 36"	29622 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) ASSEMBLY REQUIRED - BRACKETS ONLY	0 lb
1) CASTING - JBS 1150 F/C STORM	250 lb
3) 120" - Conseal CS-102 1.00" (Double)	0 lb
1) 24" - Conseal CS-102 1.00" (Double)	0 lb
2) Hole - 32	0 lb
Structure Total:	111778 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.



TOP VIEW



SECTION A-A

GENERAL NOTES:
1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE 4,000 PSI AT 28 DAYS.
3. 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.

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