

Job Name: 26-3263 ADS Hickory Commerce Center
Job Location: Whites Creek, TN 37189
Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

Tech: J. Coppage

10/5/2026 12:13:51 PM

PC:



Structure ID: WQU B2

P3 MH096LD12-CON

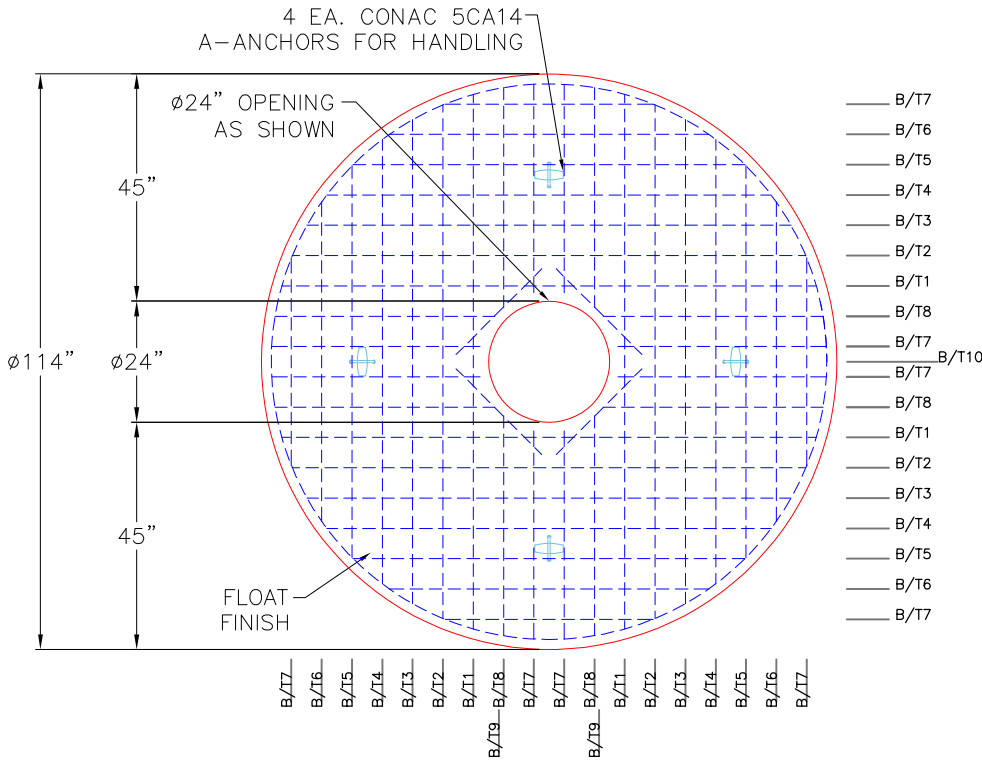
MH FLAT TOP w/ 24" Conc. Hole F/F

- P4) 24" - CASTING HEIGHT - 4"
P3) 96" - MH FLAT TOP w/ 24" Conc. Hole F/F - 12"
P2) 96" - MH RISER F/G - 96"
P1) 96" - MH MONOBASE 12F, Custom Ht T/n - 70"
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 - JBS 1072 F/C STORM
2) 96" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
2) Hole - 32

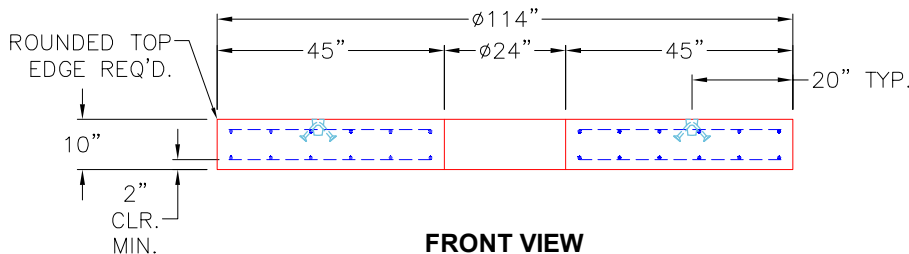
- 0 lb
10340 lb
22680 lb
27716 lb
0 lb
0 lb
0 lb
250 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 60986 lb
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (JBS 1072 F/C "STORM").
4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE.
5. ASSEMBLY REQUIRED - BRACKETS ONLY (ASSEMBLY TO BE COMPLETED IN THE FIELD)
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) DBL MAT #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .24)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE 4,000 PSI AT 28 DAYS.
3. REINFORCING: DBL MAT #5 BAR @ 6" C.C.E.W. (GRADE 60).



TOP VIEW



FRONT VIEW

REBAR TAKEOFF (TOP LAYER)

BAR	SIZE	LENGTH	QTY	SHAPE
T1	#5	106 in (8'-10")	4 pcs	STR
T2	#5	102 in (8'-6")	4 pcs	STR
T3	#5	96 in (8'-0")	4 pcs	STR
T4	#5	88 in (7'-4")	4 pcs	STR
T5	#5	78 in (6'-6")	4 pcs	STR
T6	#5	63 in (5'-3")	4 pcs	STR
T7	#5	41 in (3'-5")	12 pcs	STR
T8	#5	44 in (3'-8")	8 pcs	STR
T9	#5	24 in (2'-0")	4 pcs	DIAG
T10	#5	Ø110 in (9'-2")	1 pcs	CIRC

Total Pieces: 49 Pcs
Total Footage: 265.80 LF
Total Weight: 277.23 lbs (0.138 Tons)
12" REBAR OVERLAP FOR CIRCULAR REINFORCEMENT

REBAR TAKEOFF (BOTTOM LAYER)

BAR	SIZE	LENGTH	QTY	SHAPE
B1	#5	106 in (8'-10")	4 pcs	STR
B2	#5	102 in (8'-6")	4 pcs	STR
B3	#5	96 in (8'-0")	4 pcs	STR
B4	#5	88 in (7'-4")	4 pcs	STR
B5	#5	78 in (6'-6")	4 pcs	STR
B6	#5	63 in (5'-3")	4 pcs	STR
B7	#5	41 in (3'-5")	12 pcs	STR
B8	#5	44 in (3'-8")	8 pcs	STR
B9	#5	24 in (2'-0")	4 pcs	DIAG
B10	#5	Ø110 in (9'-2")	1 pcs	CIRC

Total Pieces: 49 Pcs
Total Footage: 265.80 LF
Total Weight: 277.23 lbs (0.138 Tons)
12" REBAR OVERLAP FOR CIRCULAR REINFORCEMENT

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 9"

Height (Ext): 12"

Weight (Net): 10340 lb
Volume (Net): 2.64cu.yd