

Job Name: 26-3522 ADS Miller-Blankenbaker Rd. Subdivision
Job Location: Jeffersontown, KY
Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

9/2/2026 10:50:36 AM

Tech: S. Felletter

PC: M. Sullivan



Structure ID: STR-18

P5 MH048LD12CC

MH FLAT LID w/24" Center Hole F/G

- P6) 24" - CASTING HEIGHT - 7"
P5) 48" - MH FLAT LID w/24" Center Hole F/G - 12"
P4) 48" - MH RISER Custom Ht T/G - 46"
P3) 48" - MH RISER NO STEPS T/G - 72"
P2) 48" - MH RISER SPECIAL T/G - 72"
P1) 48" - 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
1) CASTING - HOE MC-375 F/C Storm
4) 48" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
2) Hole - 16

0 lb
1580 lb
3213 lb
5030 lb
4770 lb
3007 lb
0 lb
0 lb
0 lb
271 lb
0 lb
0 lb
0 lb
Structure Total: 17871 lb

Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE
4. CASTING BY ICAST (HOE MC-375 F/C "STORM").
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

NOTES:

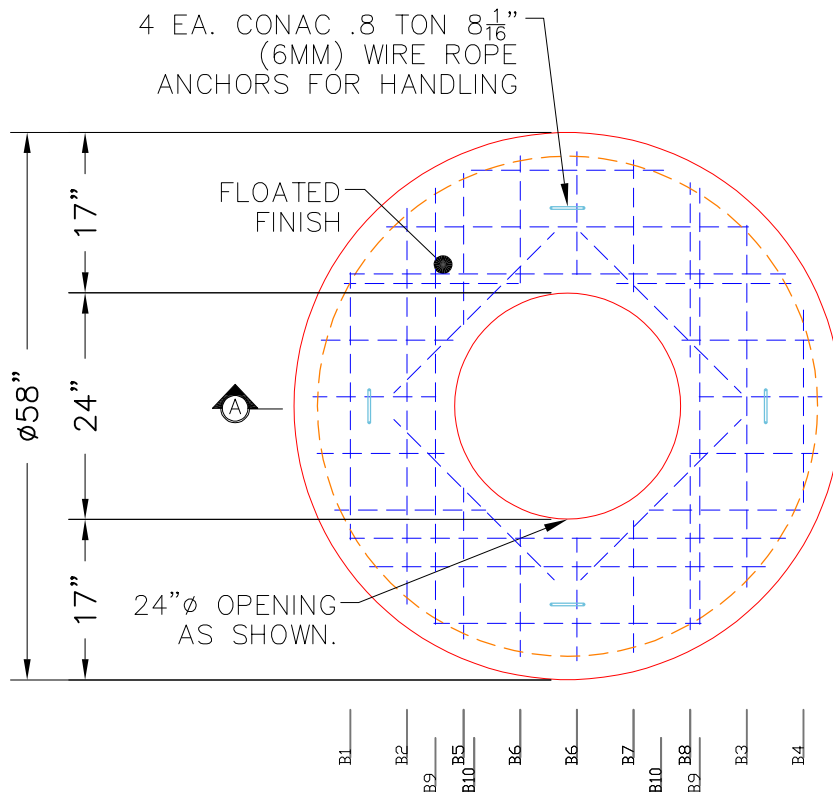
1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" C.C. E.W. (GRADE 60).

REBAR TAKEOFF SUMMARY

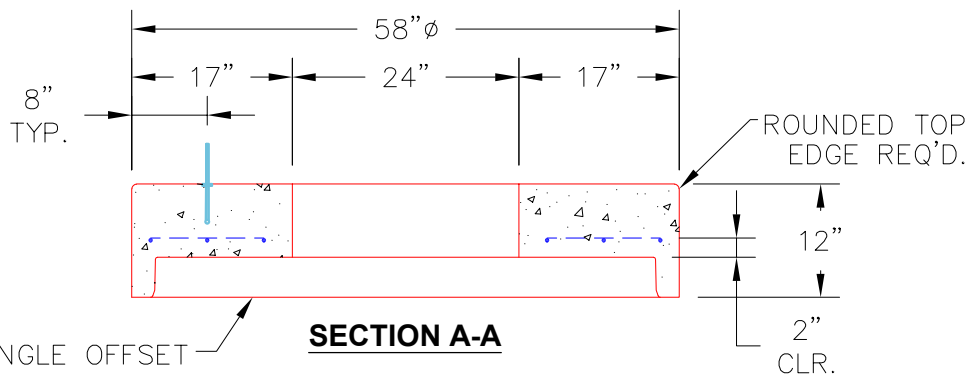
BAR | SIZE | LENGTH | QTY

B1	#5	28 in (2'-4")	2 pcs
B2	#5	42 in (3'-6")	2 pcs
B3	#5	38 in (3'-2")	2 pcs
B4	#5	20 in (1'-8")	2 pcs
B5	#5	16 in (1'-4")	4 pcs
B6	#5	13 in (1'-1")	8 pcs
B7	#5	14 in (1'-2")	4 pcs
B8	#5	18 in (1'-6")	4 pcs
B9	#5	46 in (3'-10")	4 pcs
B10	#5	24 in (2'-0")	4 pcs

Total Pieces: 36 Pcs
Total Footage: 69.85 LF
Total Weight: 72.86 lbs (0.036 Tons)
TYP SPA = #5 BARS AT 6" C.C.E.W.



PLAN VIEW



SECTION A-A

STANDARD SINGLE OFFSET
GROOVE JOINT REQUIRED

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1580 lb
Volume (Net): 0.39cu.yd