

Job Name: 25-2073 - Alcoa Outfall
Job Location: Newburgh, IN
Contractor: Bowen Engineering Corporation

Plant: 100

Tech: J. Horsley

6/16/2026 2:38:19 PM

PC: A. Chambers



Structure ID: MH 2

P3 BX084084-08LD08-SP

CB FLAT TOP 8"W w/30"x30" ECC HOLE F/F

- P5) 30" x 30" - CASTING HEIGHT - 4"
P4) 30" x 30" - GRADE RING F/F - 3"
P3) 84" x 84" - CB FLAT TOP 8"W w/30"x30" ECC HOLE F/F - 8"
P2) 84" x 84" - BOX RISER 8inW, Variable Ht F/G - 16"
P1) 84" x 84" - BOX BASE 8inW, 8inF, Variable Ht T/n - 82"
1) CASTING - HOE 468 F/G
1) SECONDARY POUR
2) 84" x 84" - Conseal CS-102 1.00"
1) SQ. Hole n/n - 72"x42"
1) SQ. Hole n/n - 68"x42"
7) MH Step ML-10-TDS-NCR - 10"

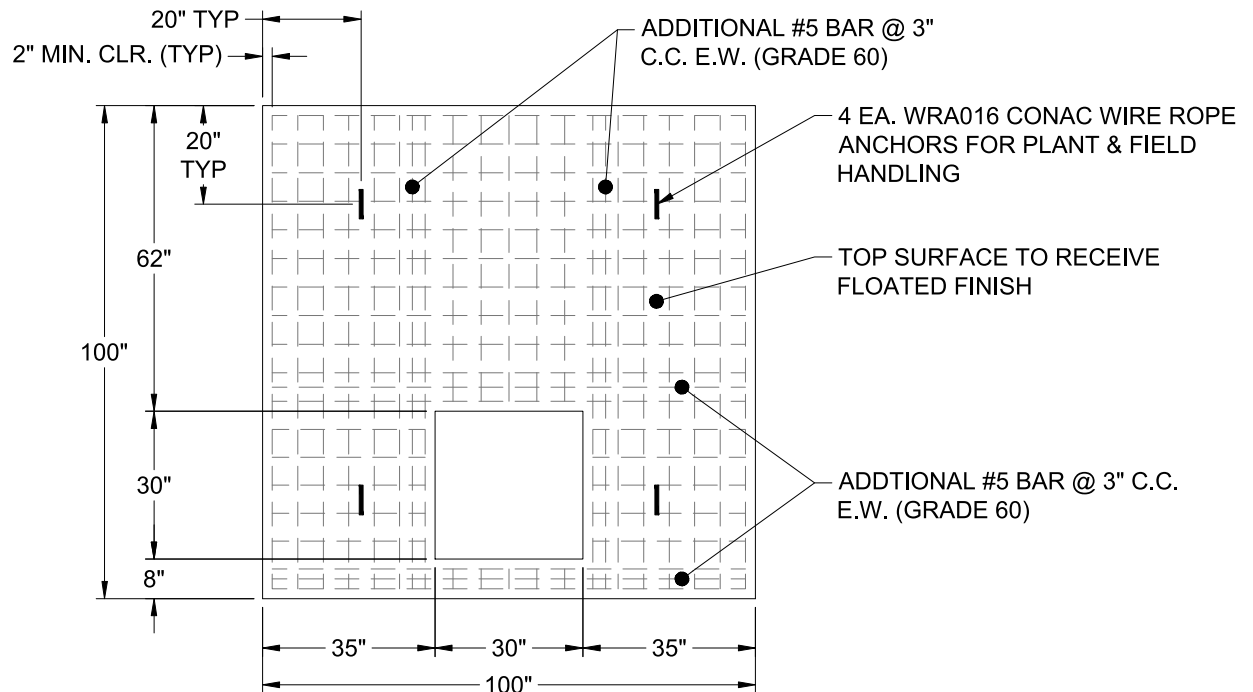
0 lb
218 lb
6109 lb
3953 lb
23023 lb
489 lb
0 lb
0 lb
0 lb
0 lb
0 lb

33791 lb

Structure Total:

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 6" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
- ADDITIONAL #5 BAR @ 3" C.C. E.W. (GRADE 60) AROUND 30" X 30" OPENING REQUIRED
4. HOE 468 FRAME & GRATE SUPPLIED BY ICAST
5. LIFTERS: 4 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
6. TOP SURFACE TO RECEIVE FLOATED FINISH



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 6109 lb
Volume (Net): 1.56cu.yd