

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

Plant: 100

6/16/2026 2:38:17 PM

Tech: J. Horsley

PC: A. Chambers



Structure ID: MH 1

P4 GR30x30x6x3

GRADE RING F/F

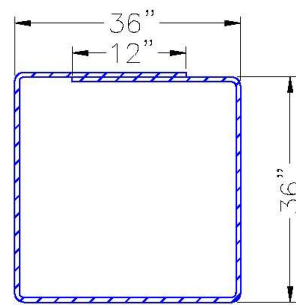
- P5) 30" x 30" - CASTING HEIGHT - 4"
 P4) 30" x 30" - GRADE RING F/F - 3"
 P3) 84" x 84" - CB FLAT TOP 8"W w/30"x30" ECC HOLE F/F - 8"
 P2) 84" x 84" - BOX RISER 8inW, Variable Ht F/G - 66"
 P1) 84" x 84" - BOX RISER 8inW, Variable Ht FB T/F - 58"
 1) CASTING - HOE 468 F/G
 2) 84" x 84" - Conseal CS-102 1.00"
 1) 30" x 30" - Conseal CS-102 1.00"
 2) DOGHOUSE - 48"x48"
 1) SQ. Hole n/n - 72"x42"
 11) MH Step ML-10-TDS-NCR - 10"

0 lb
 218 lb
 6109 lb
 14274 lb
 11548 lb
 489 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

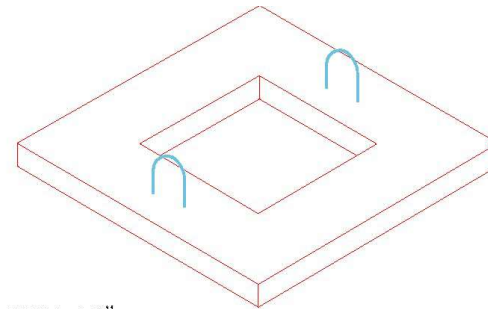
 Structure Total: 32637 lb

Structure Notes:

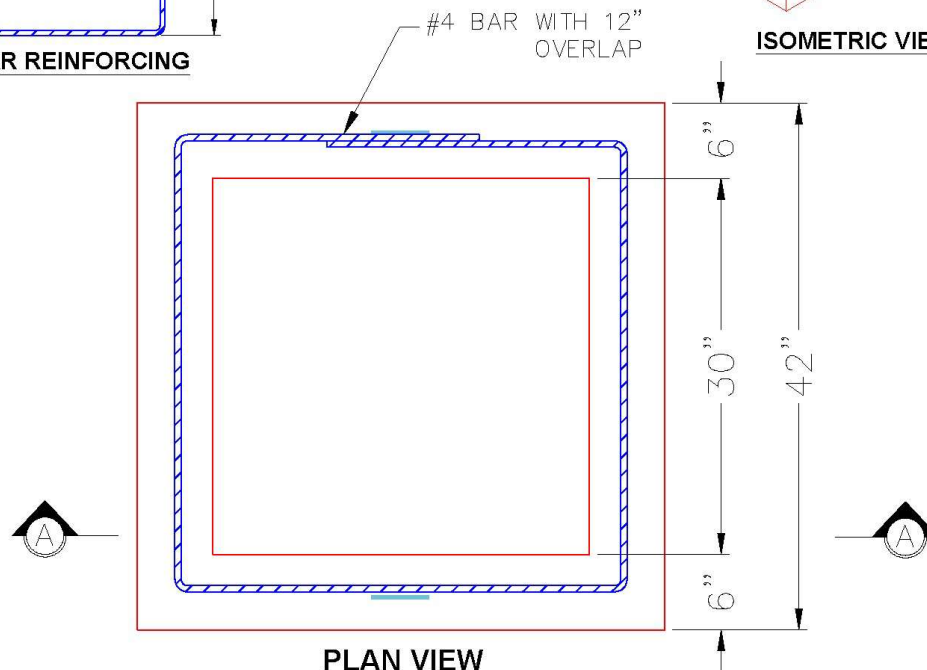
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT: #4 BAR AS SHOWN (GRADE 60)



#4 BAR REINFORCING

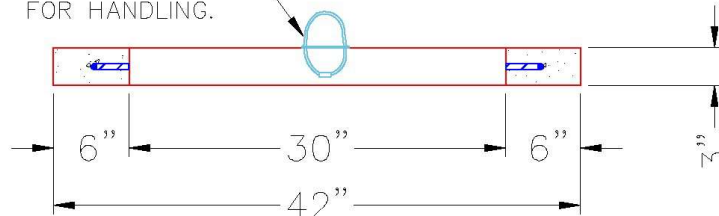


ISOMETRIC VIEW



PLAN VIEW

2 EA. CONAC .8 TON 8¹/₁₆"
 (6MM) WIRE ROPE ANCHORS
 FOR HANDLING.



SECTION A-A

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 6"

Height (Ext): 3"

Weight (Net): 217 lb
 Volume (Net): 0.06cu.yd