



Weight (Net): 29399 lb
Volume (Net): 7.51cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2
Job Location: London, KY
Contractor: Endesol, Inc.

Plant: Beaver Dam

6/4/2026 10:57:13 AM

Tech: S. Felletter

PC: E. Bradley



Structure ID: Lift Station

P3 CTRS-X

Combined Lift Station Walls/Floor w/XYPEX

- P5) 36" x 36" - CASTING HEIGHT - 0"
P4) 72" - Combined Lift Station Top Slab Custom w/Xypex - 12"
P3) 72" - Combined Lift Station Walls/Floor w/XYPEX - 71"
P2) 72" - MH RISER w/XYPEX - 48.625"
P1) 72" - MH BASE SQ EF Cust. Ht. 12'F (EF =102"SQ) w/ XYPEX - 72"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) This Structure Includes a Cast-in Item
1) SECONDARY POUR - EXT. SLAB
1) SECONDARY POUR - WALLS FOR VAULT SECT.
1) SECONDARY POUR - VAULT EXTENSION
1) ASSEMBLY REQUIRED
1) HATCH (Alum.) - HALLIDAY W1R 34"x52"
1) HATCH (Alum.) - HALLIDAY W1R 36"x36"
1) 72" - DBL 1"x14.5' Butyl (2x)
1) 72" - Conseal CS-231 1.00" (Double)
1) 36" x 36" - Conseal CS-231 1.00" (Double)
1) Hole - 8
1) PSX - 12-08 NYLO

346.82 SqFt) Carboline Bitumastic 300M [INT]

488.26 SqFt) Carboline Bitumastic 300M [EXT]

0 lb
8108 lb
29429 lb
6931 lb
20973 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
46 lb
46 lb
0 lb
0 lb
0 lb
0 lb
8 lb
0 lb
0 lb

Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W.
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.
- CONCRETE MIX DESIGN:
5,000 PSI @ 28 DAYS
XYPEX RED ADMIXTURE
- CARBOLINE 300M COATING, TWO COATS:
ALL INTERIOR WALLS
BOTTOM OF TOP SLAB IN WET WELL AREA
BOTTOM OF COMBO SECTION IN WET WELL AREA

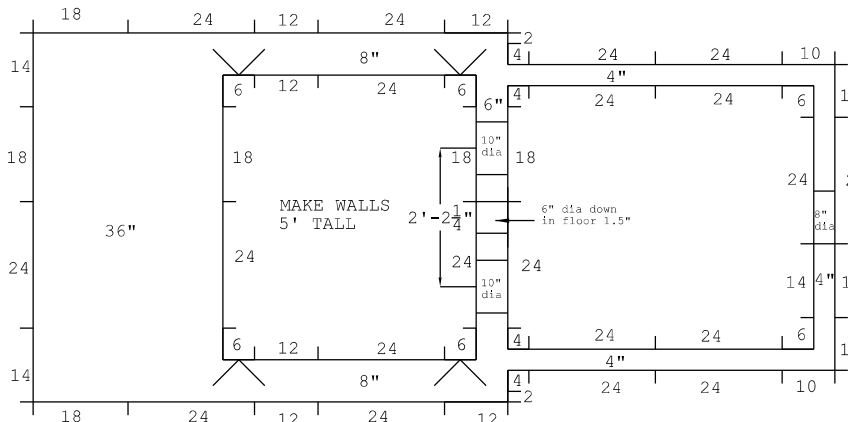
Second Pour Drawing

Structure Total: 65511 lb

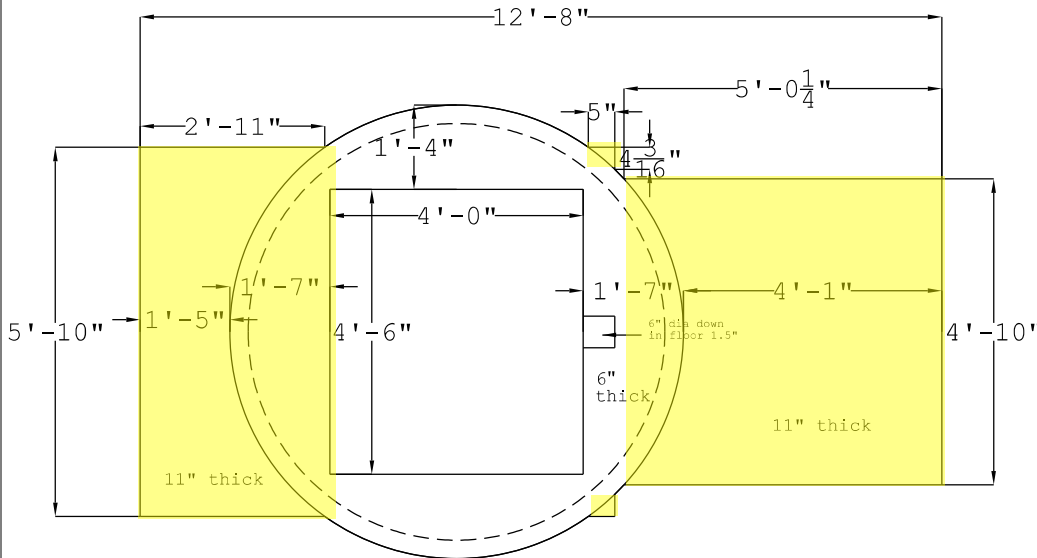
1ST pour use the 6' dia. jacket, make middle area 6" thick (rather than 12") and wet stick verticals and countersink 6" hole x 15" down

2nd pour add the extensions to the sides, 11" thick and wet stick verticals

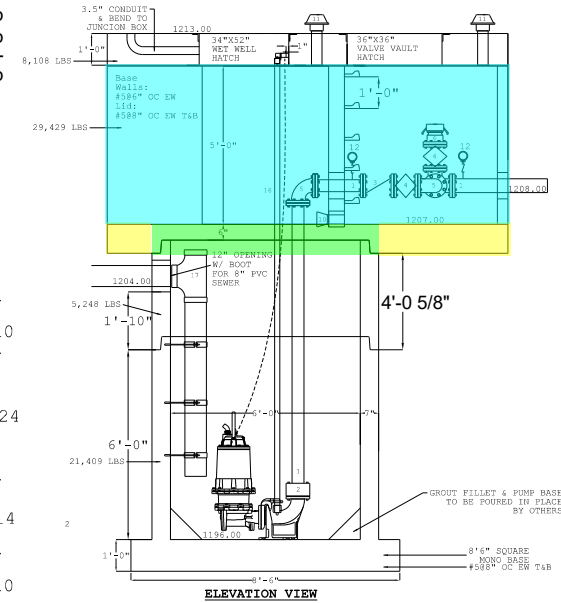
3rd pour is the 5' tall walls with holes



Walls/Forms



Base Slab



ELEVATION VIEW

Its 14" from the floor to the centerline of both the 8" opening as well as the 10" openings

Base
Walls:
#5@6" OC EW
Lid:
#5@8" OC EW T&B

Coating (Int): Carboline Bitumastic 300M
Coating (Ext): Carboline Bitumastic 300M

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 7"

Height (Ext): 71"

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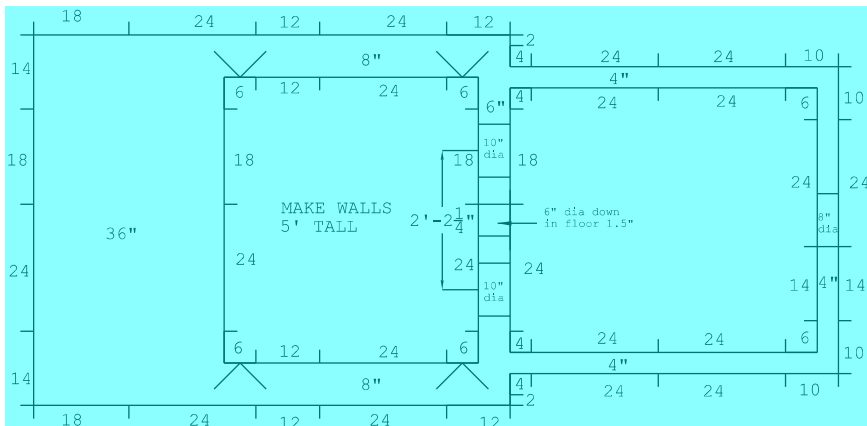
Third Pour Drawing

Structure Total: 65511 lb

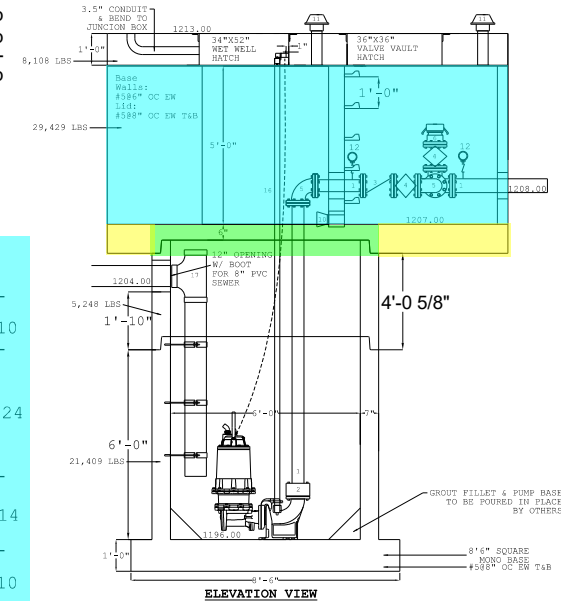
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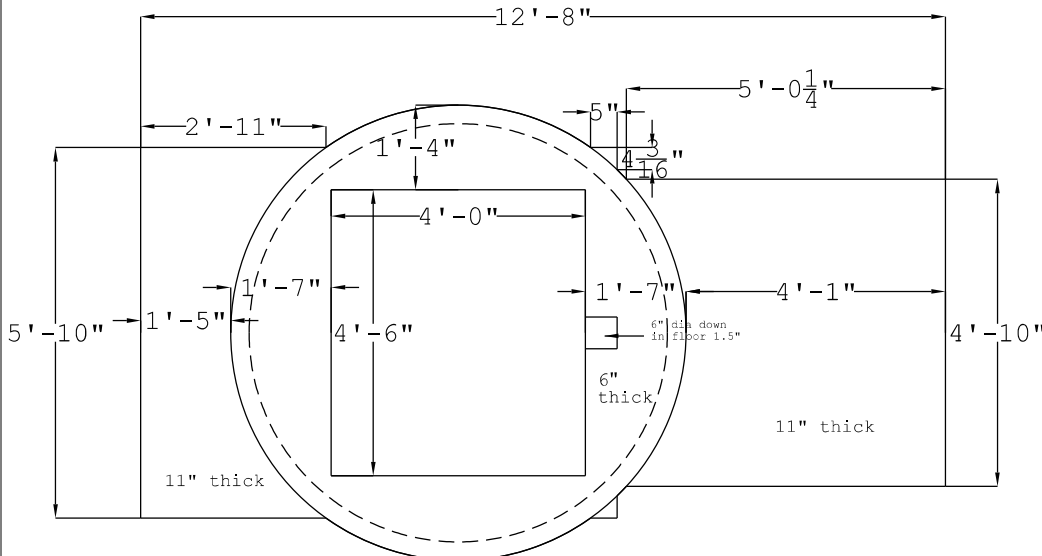
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