

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

P4 CTS-X

Combined Lift Station Top Slab Custom 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
29399 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
0 lb
8 lb
0 lb
0 lb

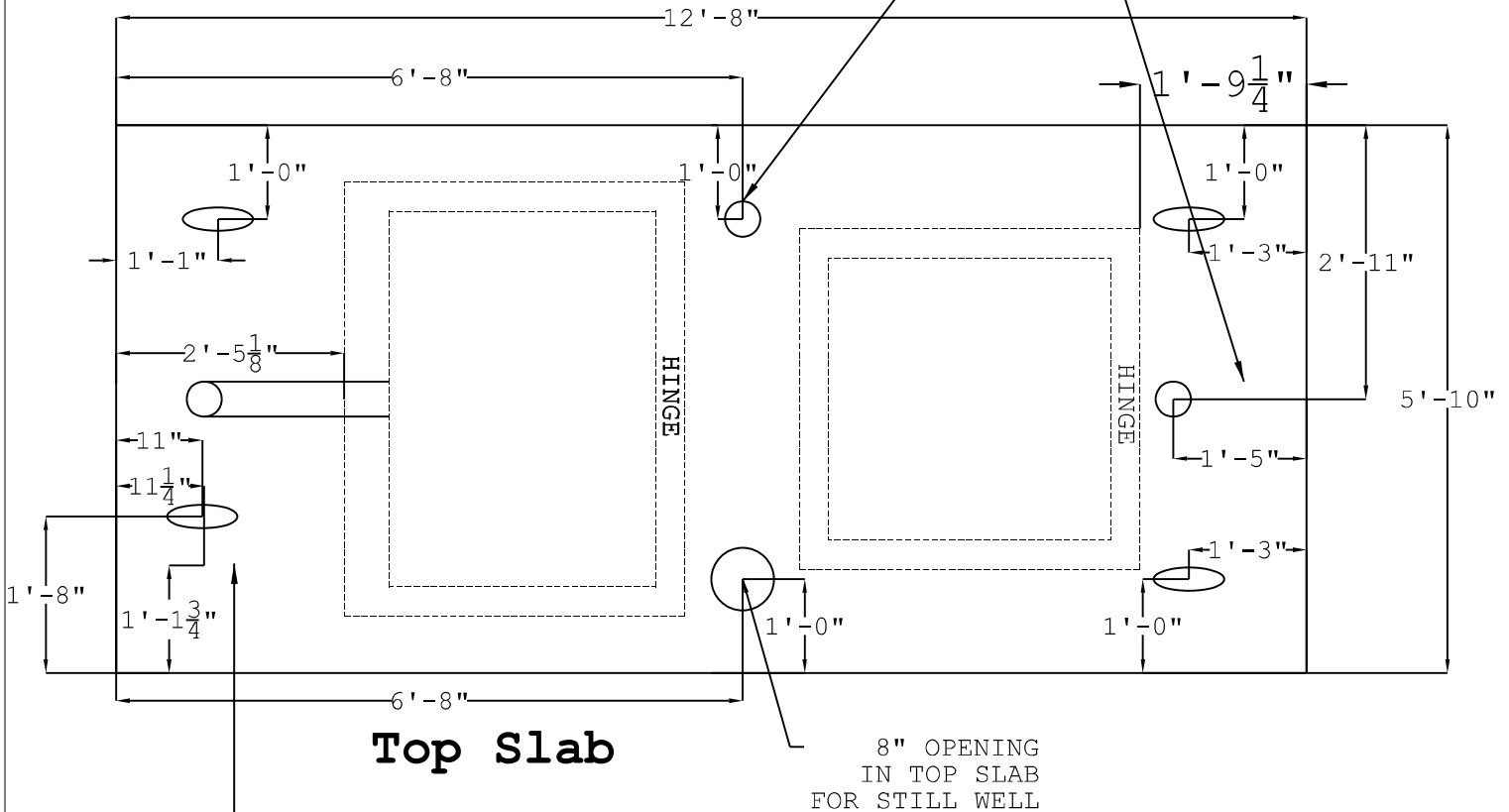
Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .31) #5 BARS AT 8" C.C.E.W.
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Structure Total:

65511 lb

4" X 12"
SS NIPPLE
FOR 4" VENT
CAST IN



3.5" CONDUIT
& BEND TO
JUNCTION BOX

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

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

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

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 7"

Height (Ext): 12"

Weight (Net): 8108 lb
Volume (Net): 2.07cu.yd