

Job Name: 26-3281 - Buffalo Trace Meter Vault
Job Location: Campbellsville, KY
Contractor: Buzick Construction

Plant: 100

9/25/2026 11:06:15 AM

Tech: Jared - F
PC: M. Sullivan



Structure ID: QL1 MV

P1 BX096144-08W08F-BAVF

BOX BASE 8inW, 8inF, Variable Ht F/n

P3) 48" x 48" - HATCH (CAST FLUSH) - 3.5"
P2) 96" x 144" - BX FLAT TOP 8"W SPECIAL w/ 48" X 48" HATCH & 24" CASTING F/F - 10"
P1) 96" x 144" - BOX BASE 8inW, 8inF, Variable Ht F/n - 86"
1) CASTING - HOE MCS-288 F/C Cast-IN
1) HATCH (Alum.) - HALLIDAY H2R 48"x48"
1) SECONDARY POUR - WALLS
1) 96" x 144" - Con Seal CS-102 1.25" (Double)
2) PSX - 12-06 NYLO

100 lb
12724 lb
41436 lb
123 lb
235 lb
0 lb
0 lb
16 lb

Structure Total: 54634 lb

Structure Notes:

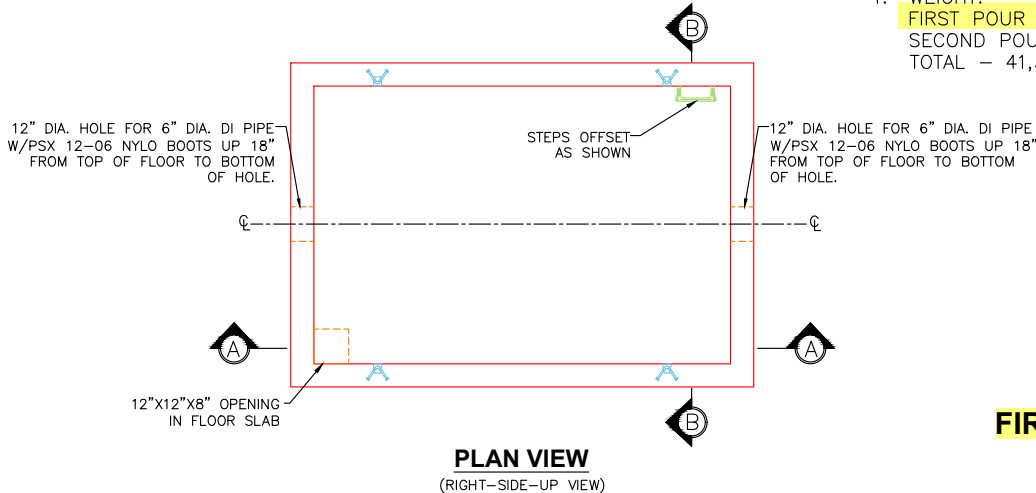
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HALLIDAY H2R 48"x48" & HOE MCS-288 F/C CAST-IN)

REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .12) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .12) #5 BARS AT 8" C.C.E.W.

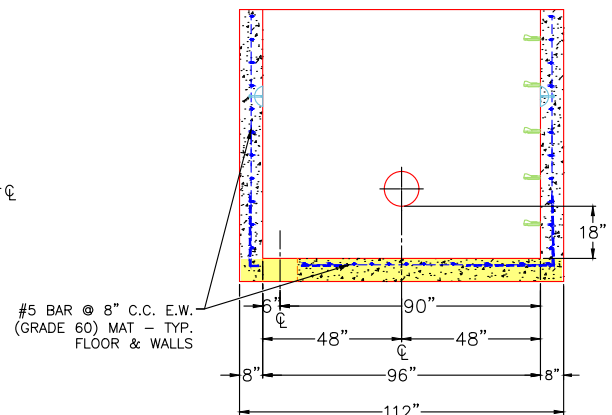
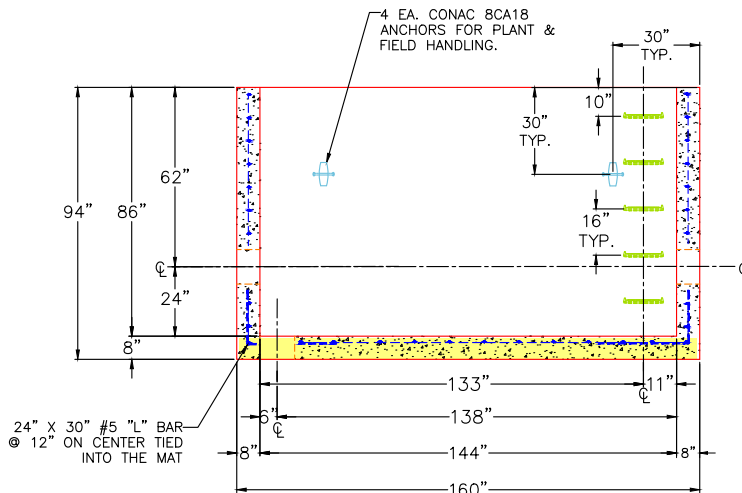
Rim: 8' Rim to Invert: 6.25' Slack: 0" Sump: 21" Step Position:

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 8" E.W. O.C. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. WEIGHT:
FIRST POUR - 11,933 LBS.
SECOND POUR - 29,407 LBS.
TOTAL - 41,340 LBS.



FIRST POUR DRAWING



SECTION A-A
(RIGHT-SIDE-UP VIEW)

SECTION B-B
(RIGHT-SIDE-UP VIEW)

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 86"
Height (Ext): 94"

Weight (Net): 41436 lb
Volume (Net): 10.58cu.yd

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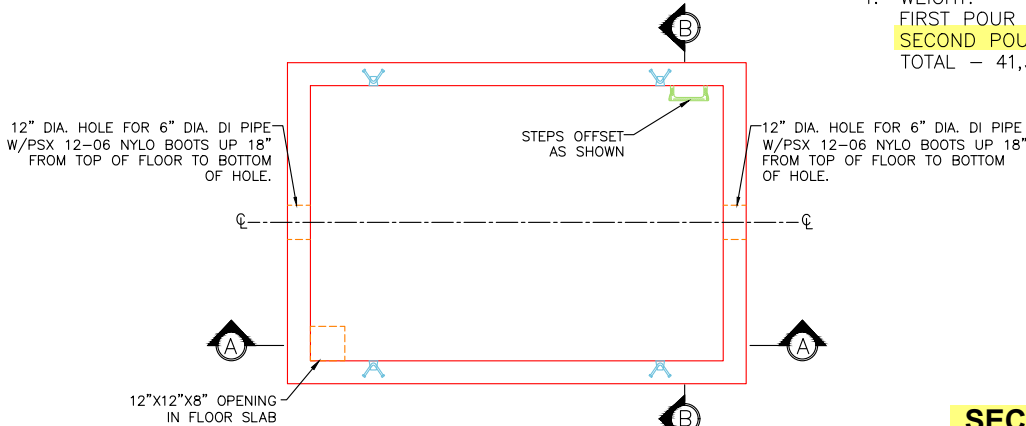
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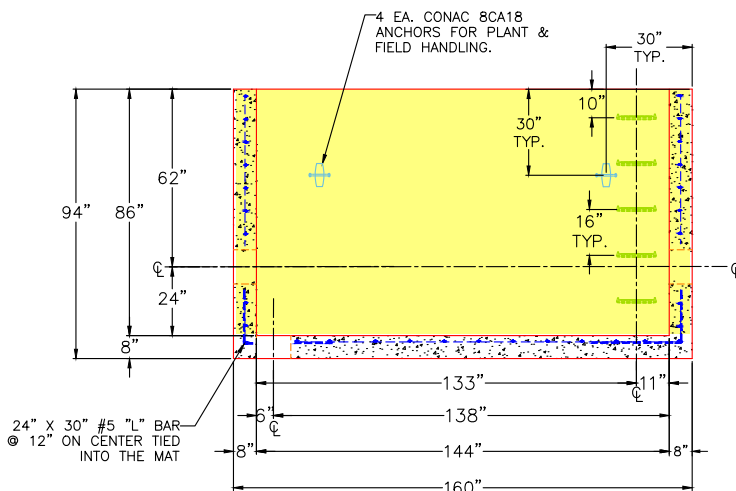
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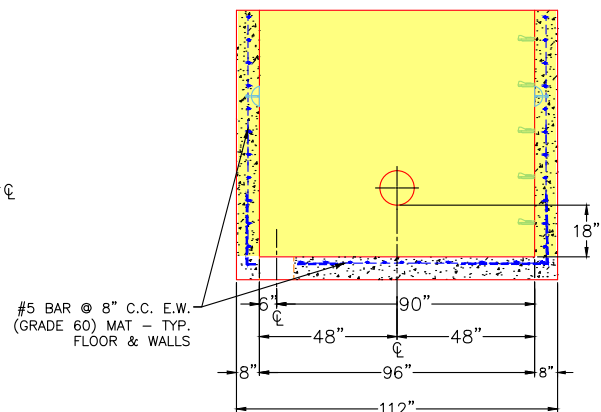


PLAN VIEW
(RIGHT-SIDE-UP VIEW)

SECOND POUR DRAWING



SECTION A-A
(RIGHT-SIDE-UP VIEW)



SECTION B-B
(RIGHT-SIDE-UP VIEW)

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 86"
Height (Ext): 94"

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