

Job Name: 26-1331 Fire Meter Installation Contract 225
Job Location: TN
Contractor: Core & Main

Plant: 100

8/12/2026 2:11:36 PM

Tech: Jared - A

PC: Trevor Lewis



Structure ID: Vault

P2 BX108144-08LD10S

CB FLAT TOP 8"W SPECIAL W/ 3 HATCHES

P3) 48" x 48" - HATCH (CAST FLUSH) - 3"
P2) 108" x 144" - CB FLAT TOP 8"W SPECIAL W/ 3 HATCHES - 10"
P1) 108" x 144" - BX BASE w/FLANGE 08W/08F/12EF - 60"

1) SECONDARY POUR - WALLS

1) This Structure Includes a Cast-in Item - 3x Hatches (Provided By Others)

1) 108" x 144" - Conseal CS-102 1.00"

4) Hole - 16

100 lb

12298 lb

39330 lb

0 lb

0 lb

0 lb

0 lb

Structure Total:

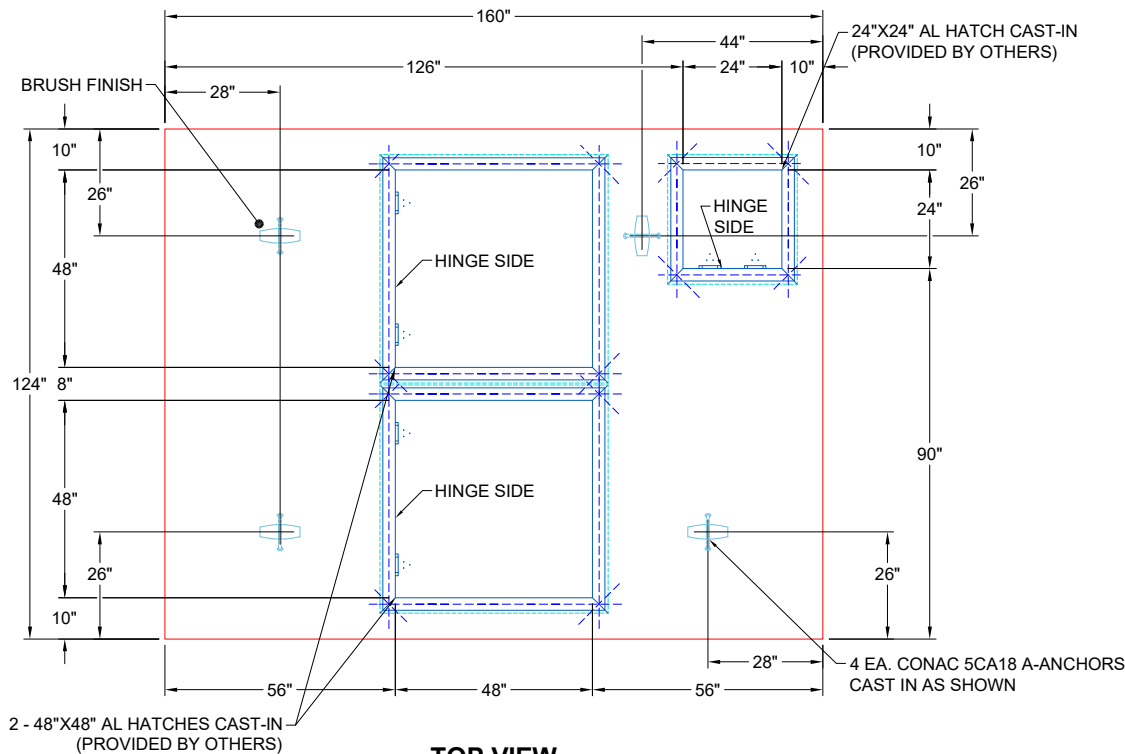
51728 lb

Structure Notes:

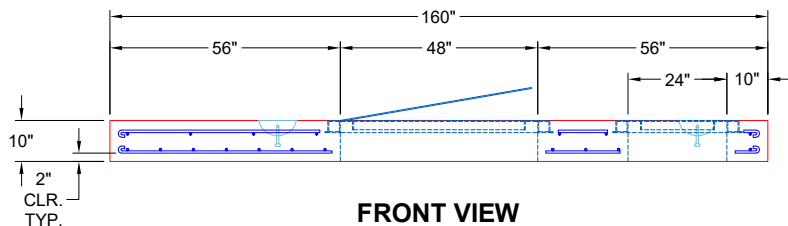
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
SEE REINFORCEMENT INFORMATION PROVIDED BY WINFORD A. PETRONE COMPANY, PLLC.
4. STEPS AT 6" O.C. TYP.
5. TWO ROWS OF CS-102 BUTYL REQ.

GENERAL NOTES:

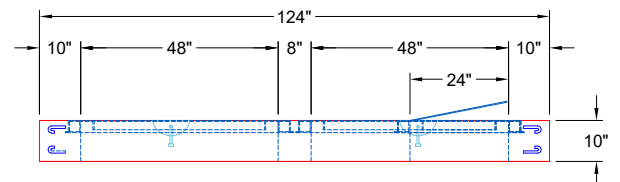
1. MANUFACTURED PER ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT : SEE REINFORCEMENT INFORMATION PROVIDED BY WINFORD A. PETRONE COMPANY, PLLC. PER ASTM A615 (GRADE 60)
4. WEIGHT: 10" TOP SLAB = 12,298 LBS
5. TWO ROWS CS-102 BUTYL MASTIC REQ'D.(PROVIDED BY ICAST)
6. HATCHES: (TWO 48" X 48" HATCHES AND ONE 24" X 24" HATCH SUPPLIED BY OTHERS).
7. HATCHES TO BE CAST INTO THE TOP SLAB.



TOP VIEW



FRONT VIEW



RIGHT VIEW

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

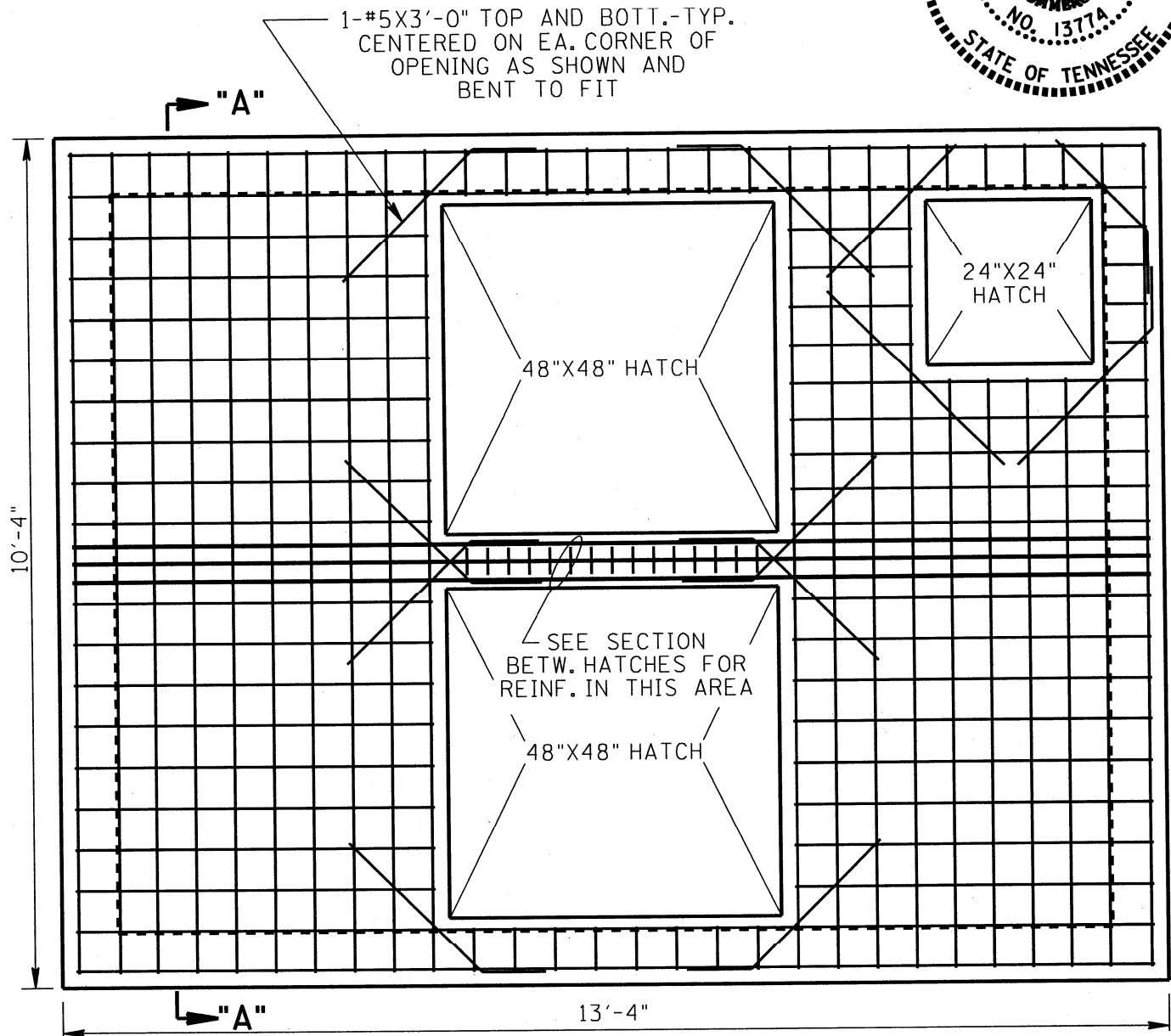
Wall Thickness: 8"

Height (Ext): 10"

Weight (Net): 12298 lb
Volume (Net): 3.14cu.yd

NOTE: SEE "PRECAST DESIGN SUBMITTALS CONCRETE COMPONENTS AND FLOTATION DESIGN" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

NOTE: ICAST WORKING DRAWINGS FOR ADDITIONAL INFORMATION.



TOP SLAB REINFORCEMENT:
#5'S @ 12" EACH WAY-TOP

BOTT SLAB REINFORCEMENT:
#6'S @ 6" EACH WAY-BOTTOM

*: INDICATES TO PLACE THE FIRST BAR NEAREST TO OPENING AT 2" FROM THE EDGE OF OPENING. (TYP.-EA. OPENING)

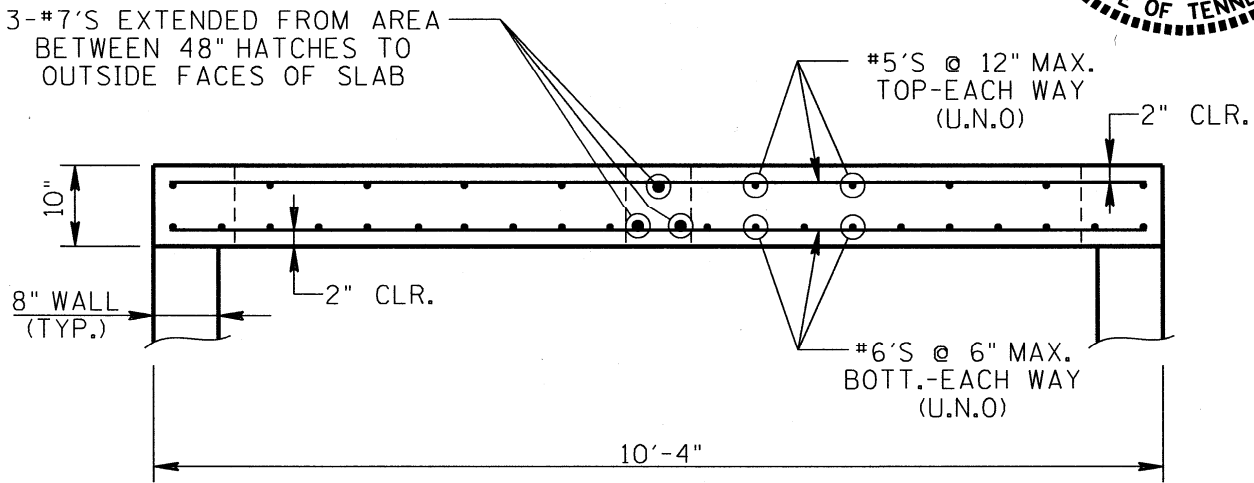
TOP SLAB PLAN SHOWING REINFORCEMENT

SK-1

9'X12' FIRE METER VAULT: TOP SLAB PLAN
WARREN COUNTY, TN

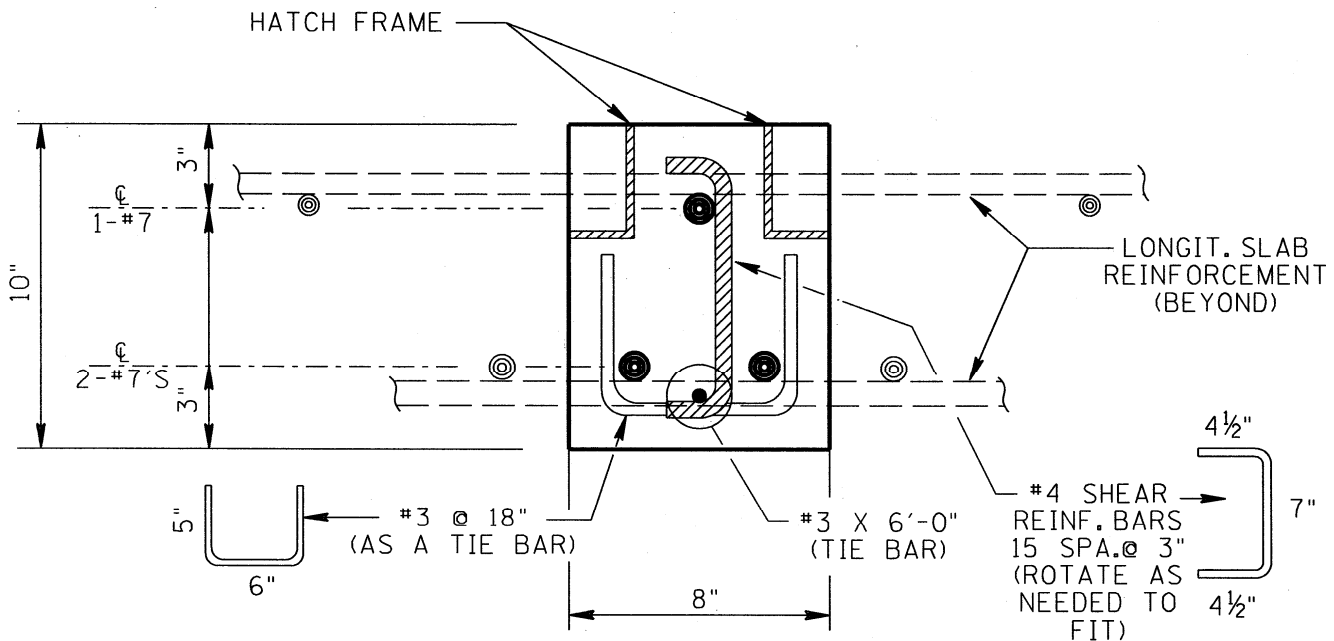
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SECTION "A-A"
SHOWING REINFORCEMENT

"U.N.O."=UNLESS NOTED OTHERWISE



NOTE: CONCRETE COVER FOR TIES AND SHEAR STIRRUPS= 1 1/2".

SECTION BETWEEN 48"X48" HATCHES
SHOWING REINFORCEMENT

SK-2

9'X12' FIRE METER VAULT: TOP SLAB SECTIONS
WARREN COUNTY, TN