

Job Name: 26-2212 - CDTI Building 1
Job Location: Charlestown, IN
Contractor: Dan Cristiani Excavating Co. Inc.

Plant: Beaver Dam
8/3/2026 10:04:36 AM

Tech: J. Coppage
PC: E. Bradley



Structure ID: QL39

P1 BX120144-08W08F-BAVF

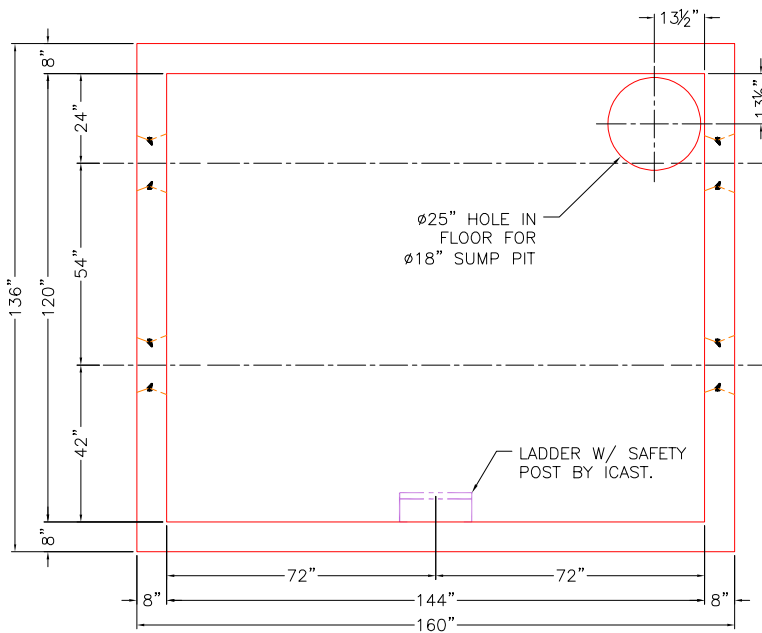
BOX BASE 8inW, 8inF, Variable Ht

- P3) 30" x 60" - HATCH (CAST FLUSH) - 0"
P2) 120" x 144" - BX FLAT TOP 8"W SPECIAL W/ 2 HATCHES - 8"
P1) 120" x 144" - BOX BASE 8inW, 8inF, Variable Ht - 72"
1) This Structure Includes a Cast-in Item - 2x Hatches
1) HATCH (Alum.) - HALLIDAY W1S 24"x24"
1) HATCH (Alum.) - HALLIDAY W1S 60"x30"
1) SECONDARY POUR - Walls
1) LADDER (Alum.) - HALLIDAY L1D 72in Wall-Floor mount ladder
4) A-Lok - 0370

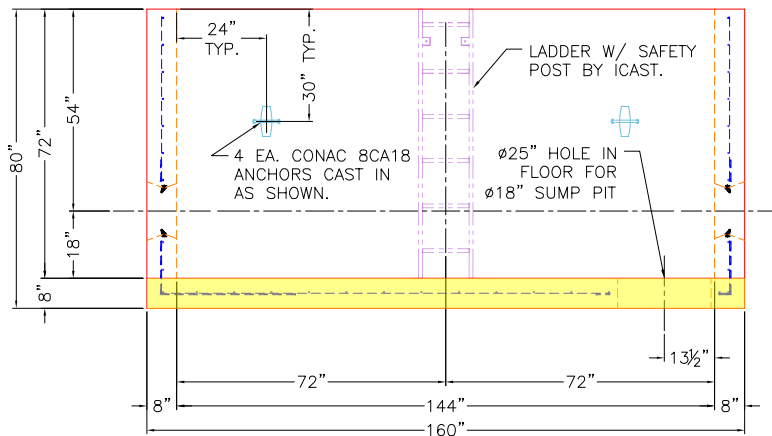
- Structure Notes:
1. HALLIDAY W1S 24" X 24" HATCH BY ICAST.
2. HALLIDAY W1S 30" X 60" HATCH BY ICAST.
3. HATCHES TO BE CAST INTO THE TOP SLAB.
4. PER ASTM C913 SPECIFICATIONS.
5. CONCRETE = 4,000 PSI AT 28 DAYS.
6. REINFORCING PER ASTM A615 (GRADE 60).
AS NOTED BELOW.

Structure Total: 54675 lb

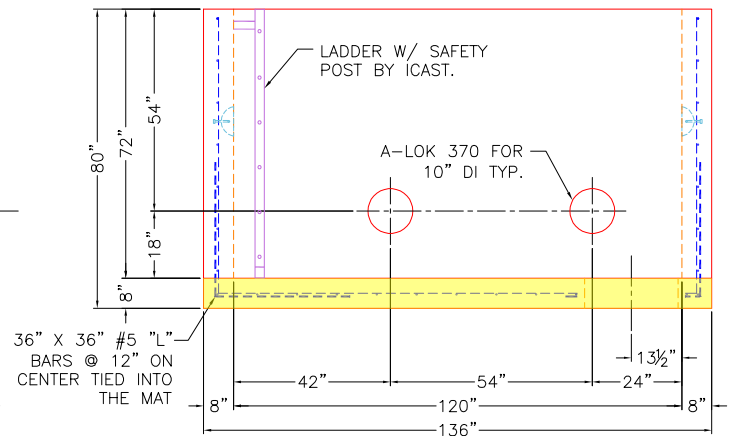
Rim: 6.67' Rim to Invert: 5.58' Slack: 0.04' Sump: 13.08' Step Position:



PLAN VIEW



FRONT VIEW



SIDE VIEW

GENERAL NOTES:

- MANUFACTURED TO ASTM C-913 (LATEST REVISION).
- CONCRETE: 4,000 PSI AT 28 DAYS.
- REINFORCING:
 - WALLS
 - HORIZONTALS (As .70) #7 BARS AT 10" C.C.E.W.
 - VERTICALS (As .20) #4 BARS AT 12" C.C.E.W.
 - FLOOR
 - LONG WAY (As .24) #4 BARS AT 10" C.C.E.W.
 - SHORT WAY (As .34) #5 BARS AT 10" C.C.E.W.
- LADDER PROVIDED BY ICAST.

FIRST POUR DRAWING

WEIGHTS

FIRST POUR - 14,607 LBS
SECOND POUR - 26,738 LBS
TOTAL - 41,345 LBS

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 72"
Height (Ext): 80"

Weight (Net): 41345 lb
Volume (Net): 10.56cu.yd

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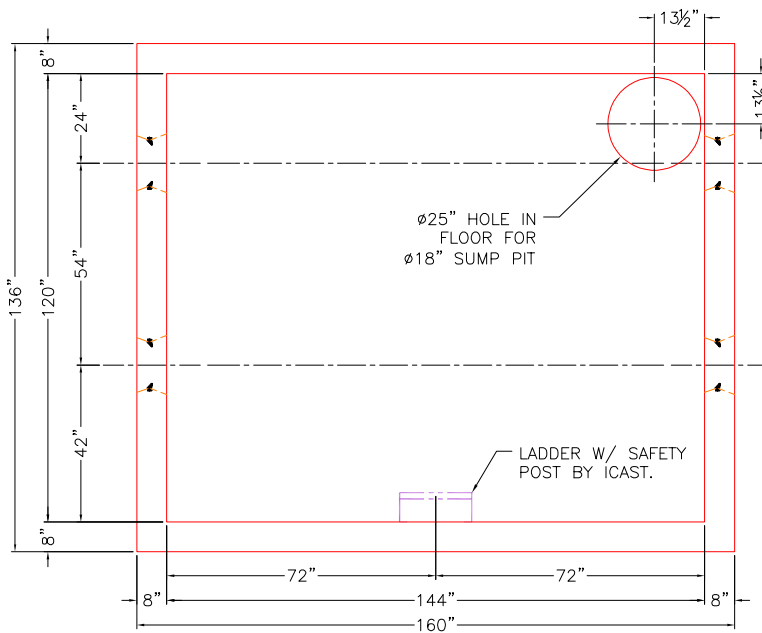
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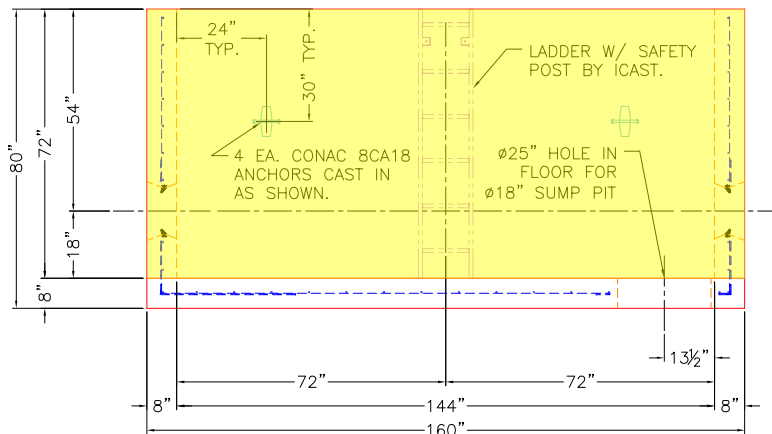
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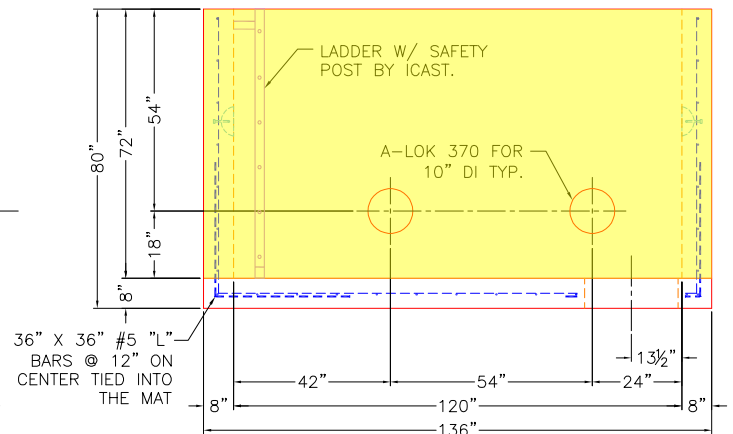
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