



|                         |
|-------------------------|
| Weight (Net): 25793 lb  |
| Volume (Net): 6.59cu.yd |

Job Name: 26-2018 - Hancock County Middle School Addition  
 Job Location: Lewisport, KY  
 Contractor: Mechanical Consultants Inc

Plant: 100

7/24/2026 1:22:31 PM

Tech: Jared - F

PC: T. Lewis



## Structure ID: M.V. MV-2

**P1 BX072120-08BAVF**

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

P3) 30" x 30" - HATCH (CAST FLUSH) - 3"  
 P2) 72" x 120" - CB FLAT TOP 8"W w/30"x30" HATCH F/F - 8"  
 P1) 72" x 120" - BOX BASE 8inW, 8inF, Variable Ht F/n - 64"  
 1) HATCH (Alum.) - HALLIDAY W1S 30"x30"  
 1) 72" x 120" - Conseal CS-102 1.00" (Double)  
 1) 30" x 30" - Conseal CS-102 1.00" (Double)  
 2) Hole - 10  
 1) Hole - 4

100 lb  
 7430 lb  
 25793 lb  
 62 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 33385 lb

Structure Total:

### Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (HALLIDAY W1S 30"x30")

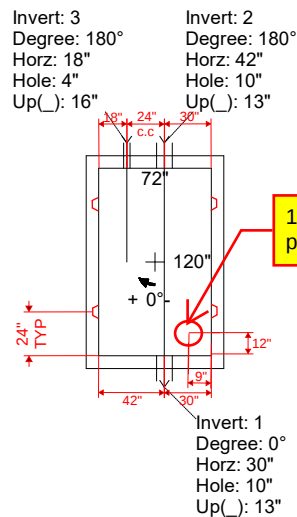
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As .31) #5 BARS AT 8" C.C.E.W.  
 - FLOOR (As .31) #5 BARS AT 8" C.C.E.W.

Rim: 6' Rim to Invert: 4.75' Slack: 0" Sump: 15" Step Position: 270°

| Position | Elev  | Angle | Ext. (cw) | Pipe          | Pipe OD | Connector | Hole | Horz Size | Up ( ) | Offset |
|----------|-------|-------|-----------|---------------|---------|-----------|------|-----------|--------|--------|
| Invert 1 | 1.25' | 0°    | 38"       | 6" WATER PIPE | 6.25"   | Hole 10   | 10"  | 10"       | 13"    | -6"    |
| Invert 2 | 1.25' | 180°  | 50"       | 6" WATER PIPE | 6.25"   | Hole 10   | 10"  | 10"       | 13"    | 6"     |
| Invert 3 | 1.42' | 180°  | 26"       | 2" PIPE       | 2.25"   | Hole 4    | 4"   | 4"        | 16"    | -18"   |
| Invert 4 |       |       |           |               |         |           |      |           |        |        |
| Invert 5 |       |       |           |               |         |           |      |           |        |        |
| Invert 6 |       |       |           |               |         |           |      |           |        |        |
| Invert 7 |       |       |           |               |         |           |      |           |        |        |
| Invert 8 |       |       |           |               |         |           |      |           |        |        |

### RIGHT-SIDE UP VIEW (int. dimensions)

### UPSIDE-DOWN VIEW (int. dimensions)



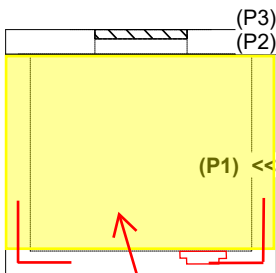
### WEIGHTS

**FIRST POUR - 8,034 LBS**

**SECOND POUR - 17,759 LBS**

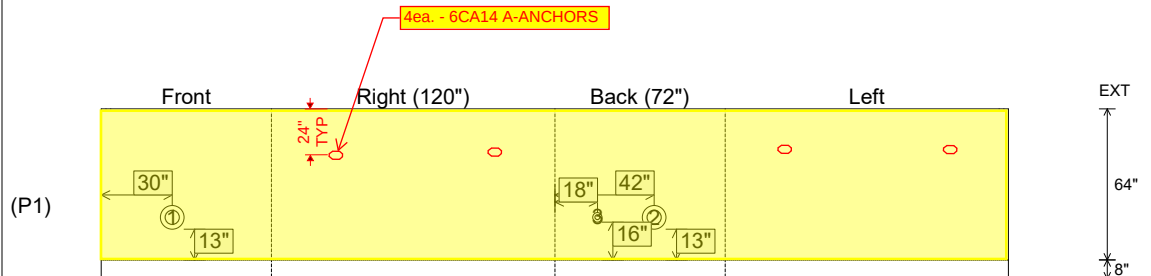
**TOTAL - 25,793 LBS**

13" Dia. x 4" Deep sump pan w/lid cast-in the floor



**2ND POUR (WALLS)**

### INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

Height (Int): 64"  
 Height (Ext): 72"

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