

Job Name: 24-3876D CVG DHL APRON EXPANSION  
 Job Location: HEBRON, KY  
 Contractor: THE HARPER CO

Plant: BEAVER DAM

Tech: C.RUSS

10/21/2025 2:37:15 PM

PC: C.GOFF



**Structure ID: SUMP PUMP DR-15**

**P1 BX4848-08W12FEBAV**

**BX BASE w/FLANGE 08W/12F/12EF T/n**

- P4) 24" - CASTING HEIGHT - 8"
- P3) 48" x 48" - CB FLAT TOP 8"W w/24"Hole F/F - 8"
- P2) 48" x 48" - BOX RISER 8inW F/G - 60"
- P1) 48" x 48" - BX BASE w/FLANGE 08W/12F/12EF T/n - 51"
- 2) 48" x 48" - SGL 1"x14.5' Butyl (2x)
- 1) Hole - 3
- 1) Hole - 10
- 1) Hole - 4

**FIRST POUR  
11,741 LBS**

**DOWEL IN #5 BAR 8"  
C/C FOR FLANGE  
POUR**

Structure Notes:

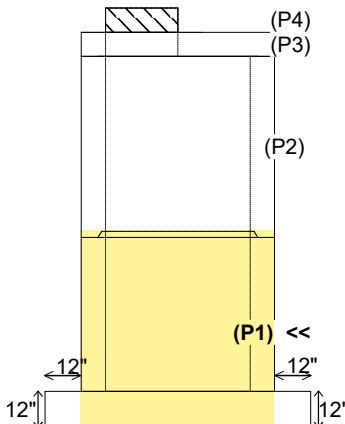
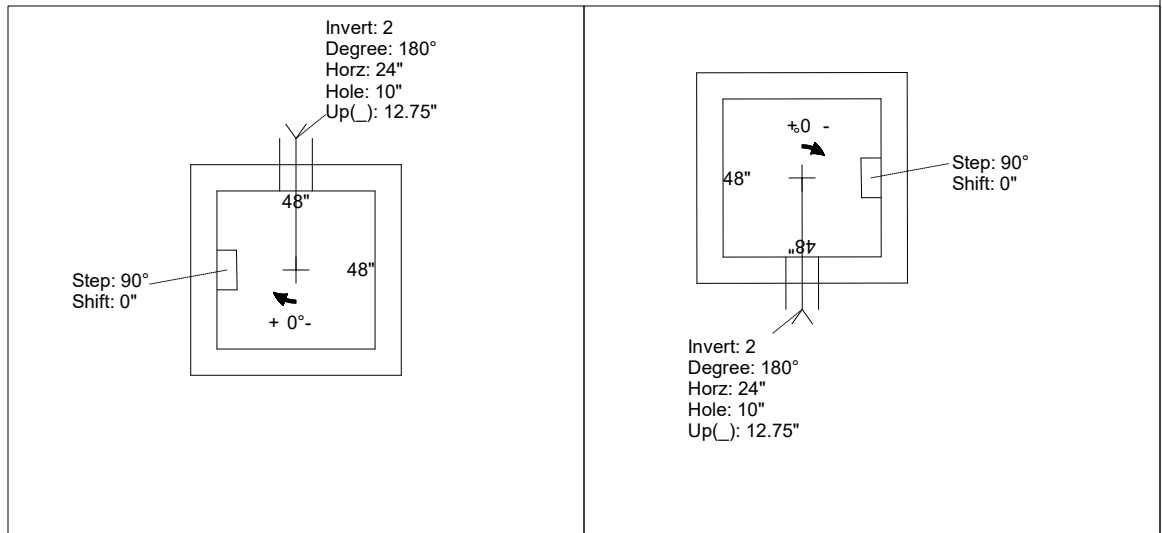
- \*\* KYTC STATE PROJECT\*\*
- 1. PER KYTC MANHOLE TYPE C / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PSI AT 28 DAYS.
- 3. NO INVERT CHANNEL
- 4. HOE KY 510 TY 2 CASTING PROVIDED BY ICAST REINFORCING PER ASTM A615 (GRADE 60).
  - TOP SLAB #5's AT 6" C.C.E.W (DBL MAT).
  - WALLS #5's AT 6" C.C.E.W.
  - FLOOR #5's AT 12" C.C.E.W..

Rim: 885.78' Rim to Invert: 9.49' Slack: 0.08" Sump: 13.2" Step Position: 90°

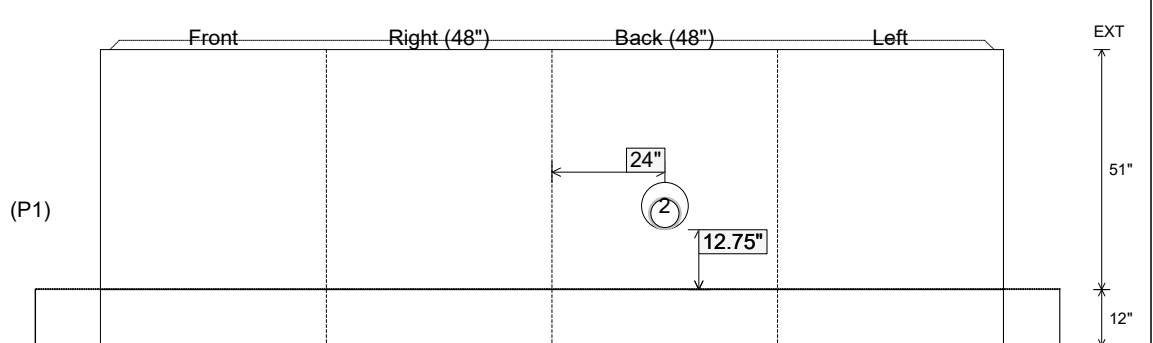
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1										
Invert 2	876.29'	180°	32"	6" HDPE	6.9"	Hole 10	10"	10"	12.75"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):  
Coating (Ext):

Seam Up: Tongue  
Seam Dn: n/a

Wall Thickness: 8"  
Floor Height: 12"

Height (Int): 51"  
Height (Ext): 63"

Weight (Net): 15414 lb  
Volume (Net): 3.94cu.yd

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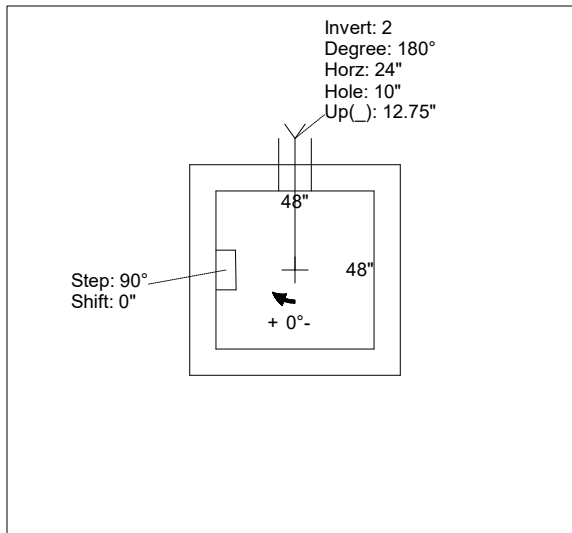
SECONDARY POUR  
(FLANGE) 3,673 LBS

Rim: 885.78' Rim to Invert: 9.49' Slack: 0.08" Sump: 13.2" Step Position: 90°

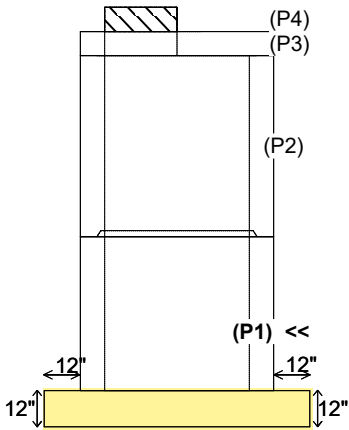
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Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

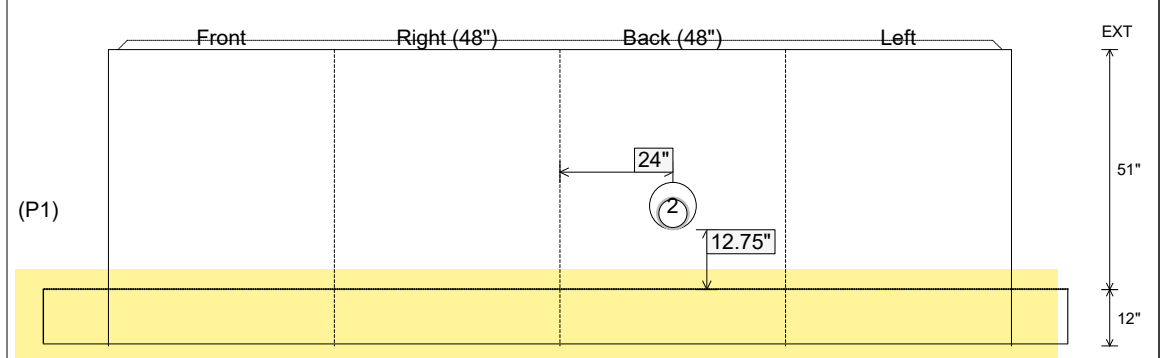
UPSIDE-DOWN VIEW (int. dimensions)



DOWEL IN #5 BAR 8"  
C/C FOR FLANGE  
POUR



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