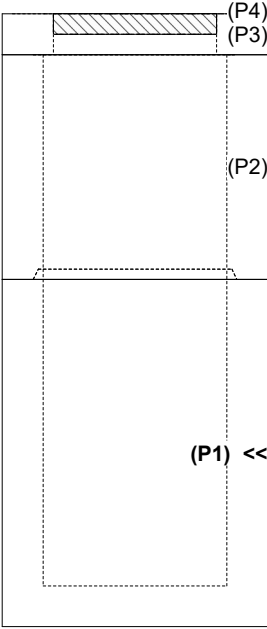


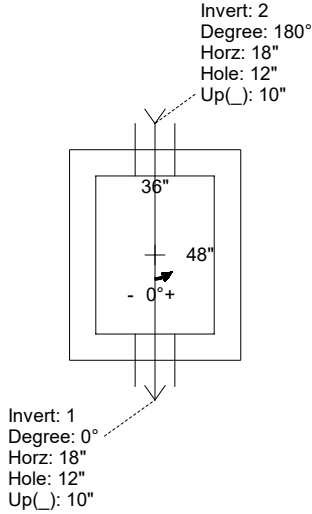
Job Name: 26-1109 - Channel Flow & Discharge Project Job Location: Noblesville, IN Contractor: Sterling Industrial LLC					Plant: 100 5/26/2026 6:03:39 PM		Tech: Jared - A PC: E. Bradley				
Structure ID: Flow Meter Vault (2)											
P1 BX3648-08BA60 BOX BASE 8inW, 8inF T/n											
P4) 32" x 32" - CASTING (cast in) - 4" P3) 36" x 48" - BX FLAT LID 8inW SPEC. (EJ-5830) F/F - 8" P2) 36" x 48" - BOX RISER 8inW, Variable Ht F/G - 44" P1) 36" x 48" - BOX BASE 8inW, 8inF T/n - 60" 1) This Structure Includes a Cast-in Item - EJ V-5830 Frame Flange Side Up (Supplied by iCast) 1) CASTING - EJ V-5830 Cast-In Frame 1) CASTING - EJ V-6630 Solid Cover 2) 36" x 48" - Conseal CS-102 1.00" (Double) 2) Hole - 12						0 lb 1890 lb 5907 lb 10138 lb 0 lb 150 lb 150 lb 0 lb 0 lb ----- Structure Total: 18235 lb		Structure Notes: 1. PER ASTM C-913 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. NO STORM INVERT 5. NO STEPS 6. EJ V-5830 CAST-IN FRAME & EJ V-6630 SOLID COVER SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP			
Rim: 9.33' Rim to Invert: 8.33' Slack: -0.04" Sump: 12" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	1'	0°	26"	8" PVC SCH40	8.625"	Hole 12	12"	12"	10"	0"	
Invert 2	1'	180°	26"	8" PVC SCH40	8.625"	Hole 12	12"	12"	10"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

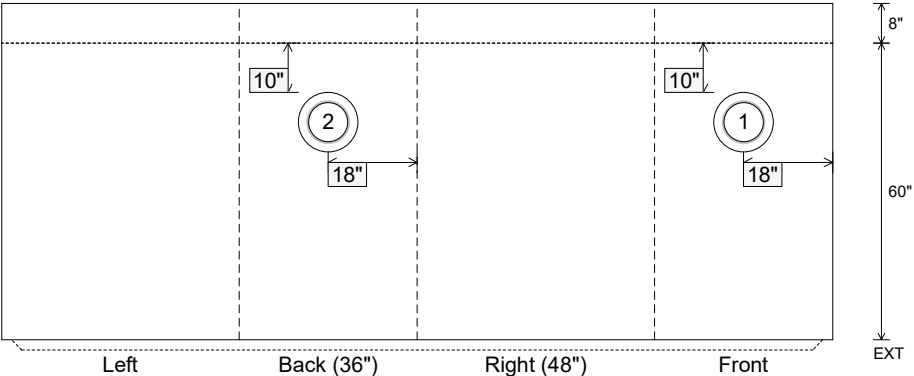
UPSIDE-DOWN VIEW (int. dimensions)



Invert: 2
Degree: 180°
Horz: 18"
Hole: 12"
Up(): 10"

Invert: 1
Degree: 0°
Horz: 18"
Hole: 12"
Up(): 10"

INSIDE WALL DIMENSIONS



Left Back (36") Right (48") Front

8"

60"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 60"

Height (Ext): 68"

Weight (Net): 10138 lb

Volume (Net): 2.59cu.yd