

Job Name: 25-4342 Pebble Wood Gravity Tie In  
 Job Location: Owensboro, Kentucky  
 Contractor: Ernie Davis & Sons Mechanical, Inc.

Plant: Beaver Dam  
 2/2/2026 1:42:39 PM

Tech: S. Felletter  
 PC: A. Chambers



**Structure ID: A2**

**P1 MH048BA30CDARED**

**MH BASE w/ConBlock-CDA Red T/n**

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"	270 lb
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60"	4192 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"	3282 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12M NYLO	8 lb
2) PSX - 12-08 NYLO	16 lb
10) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>11459 lb</b>

**Structure Notes:**  
 1. (7" TALL CASTING PROVIDED BY OTHERS)  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. ADMIXTURE = CONBLOCK CDA RED.

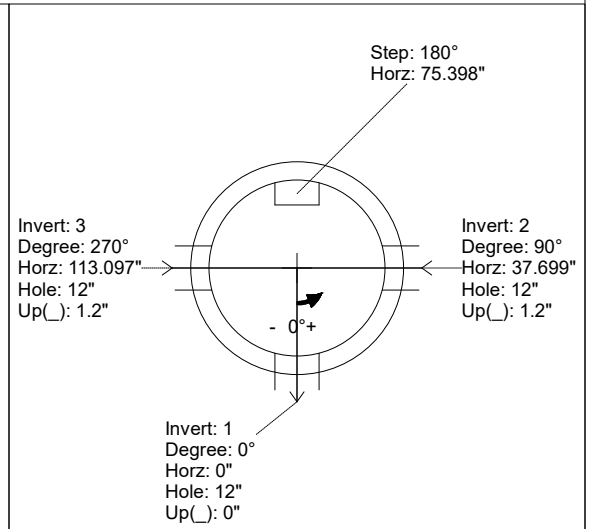
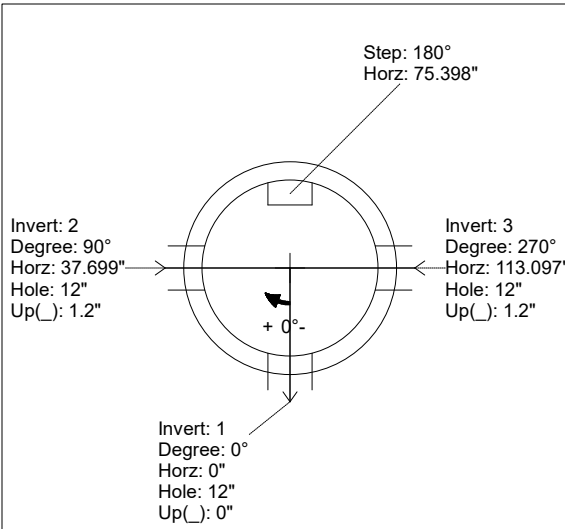
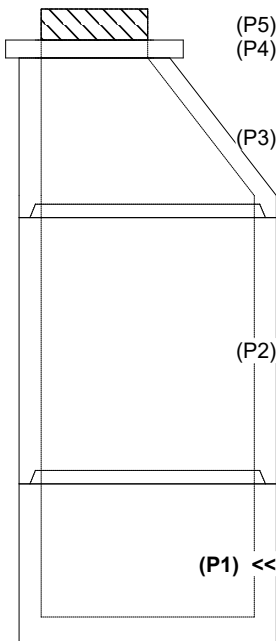
REINFORCING PER ASTM A615 (GRADE 60).  
 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 418' Rim to Invert: 11.25' Slack: 0" Sump: 2" Step Position: 180°

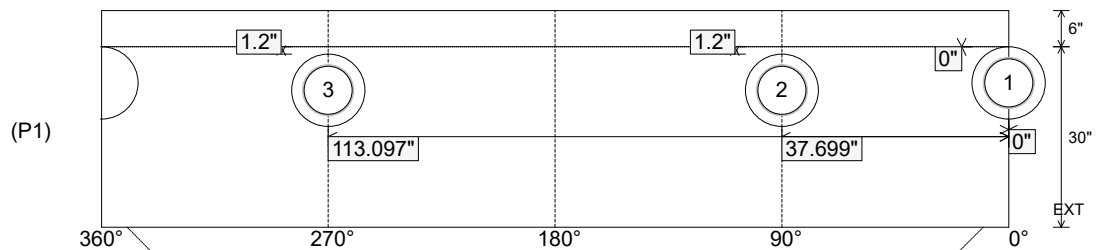
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	406.75'	0°	0"	8" PVC SDR26	8.5"	PSX 12M NYLO	12"	12.129"	0"	0"
Invert 2	406.85'	90°	45.553"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3	406.85'	270°	136.659"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
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: 5"  
 Floor Height: 6"

Height (Int): 30"  
 Height (Ext): 36"

Weight (Net): 3282 lb  
 Volume (Net): 0.84cu.yd

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Structure Total: 11459 lb

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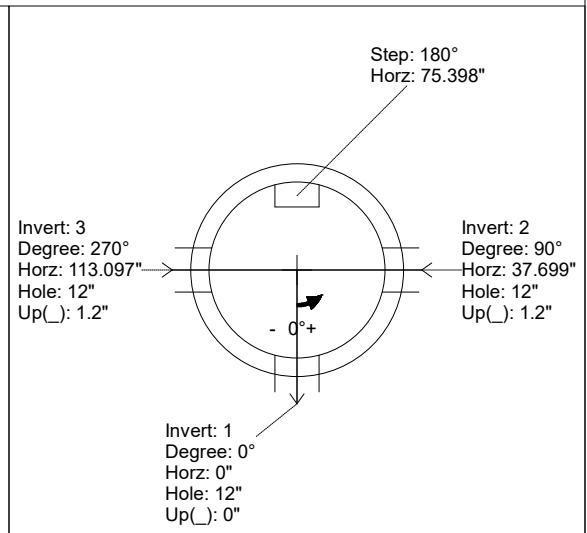
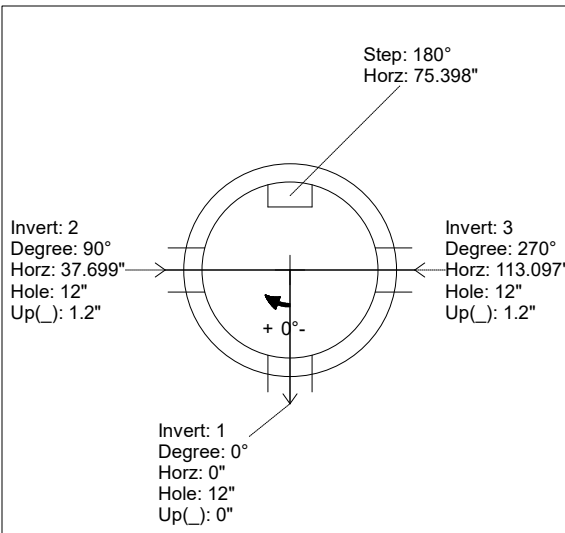
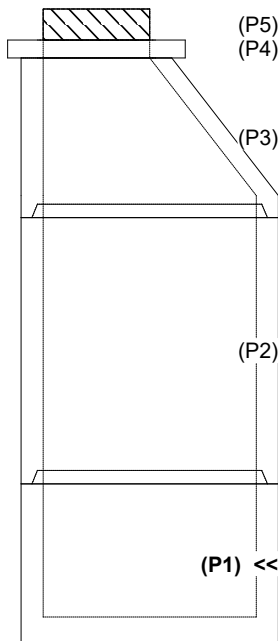
**INVERT CHANNEL DRAWING.  
 FULL HEIGHT INVERT**

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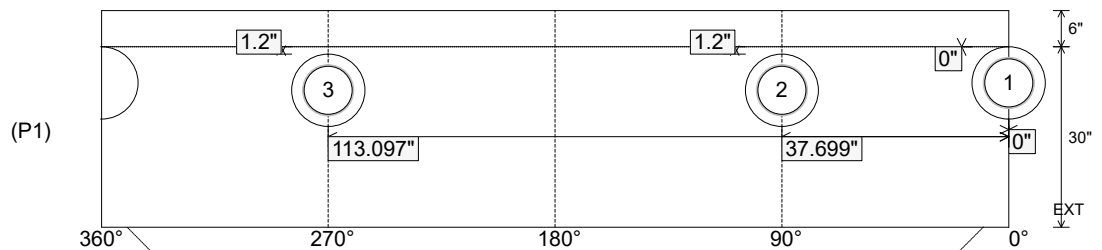
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