

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

Plant: Beaver Dam  
 3/25/2026 9:13:40 AM

Tech: S. Felletter  
 PC: A. Chambers



**Structure ID: A1**

**P1 MH048BAVFCDARED**

**MH BASE Custom Ht, w/ConBlock-CDA Red T/n**

- P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 27" 3121 lb
  - 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1440 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" - Conseal CS-102 1.00" (Double) 0 lb
  - 1) PSX - 12-08 NYLO 8 lb
  - 1) PSX - 12M NYLO 8 lb
  - 2) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: 4577 lb

**Structure Notes:**  
 1. **\*\*BASE ONLY\*\***  
 2. PER ASTM C478 SPECIFICATIONS.  
 3. CONCRETE = 4,000 PSI AT 28 DAYS.  
 4. ADMIXTURE = CONBLOCK CDA RED.

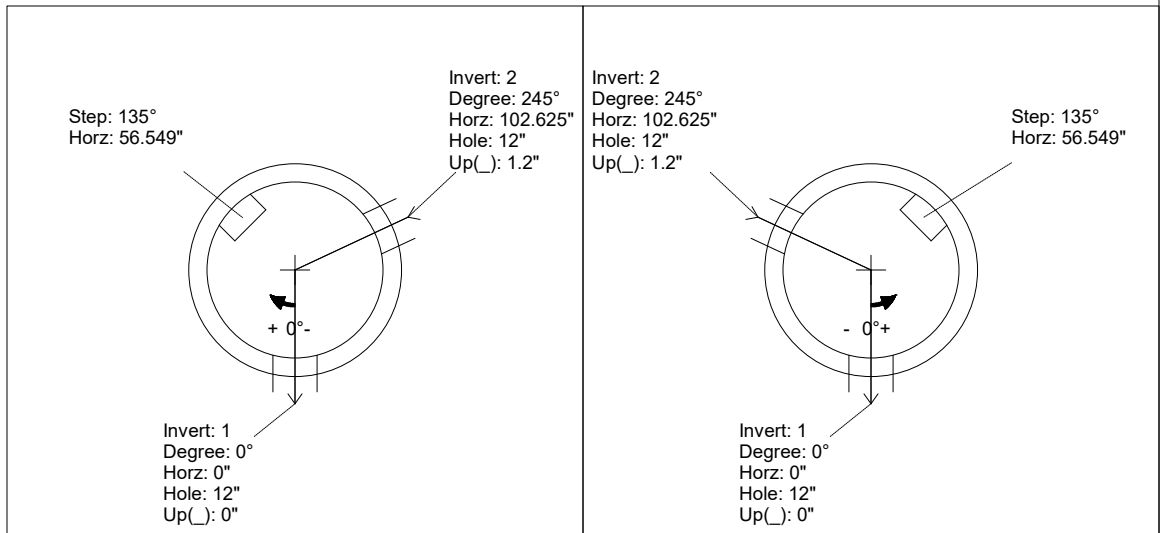
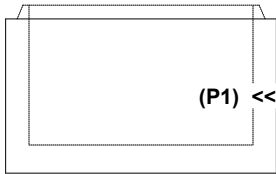
REINFORCING PER ASTM A615 (GRADE 60).  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 414.81' Rim to Invert: 10.91' Slack: 105.92" Sump: 2" Step Position: 135°

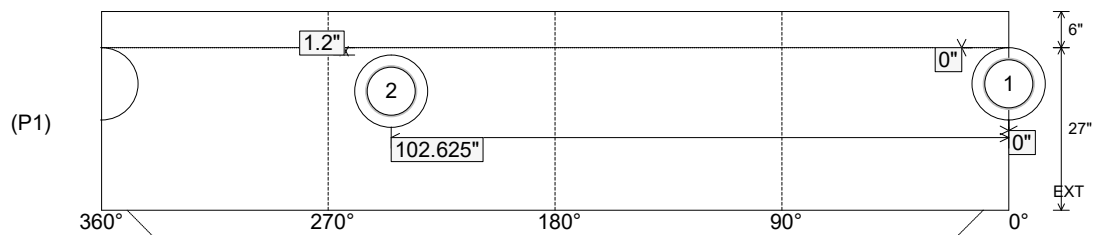
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	403.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	404'	245°	124.006"	8" PVC SDR26	8.5"	PSX 12M NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 27" Height (Ext): 33"	Weight (Net): 3121 lb Volume (Net): 0.8cu.yd
----------------------------------	---------------------------------	--	--	---

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

Plant: Beaver Dam  
 3/25/2026 9:13:40 AM

Tech: S. Felletter  
 PC: A. Chambers



**Structure ID: A1**

**P1 MH048BAVFCDARED**

**MH BASE Custom Ht, w/ConBlock-CDA Red T/n**

- P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 27" 3121 lb
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1440 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" - Conseal CS-102 1.00" (Double) 0 lb
- 1) PSX - 12-08 NYLO 8 lb
- 1) PSX - 12M NYLO 8 lb
- 2) MH Step ML-10-TDS-NCR - 10" 0 lb

Structure Total: 4577 lb

Structure Notes:

1. **\*\*BASE ONLY\*\***
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. ADMIXTURE = CONBLOCK CDA RED.

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

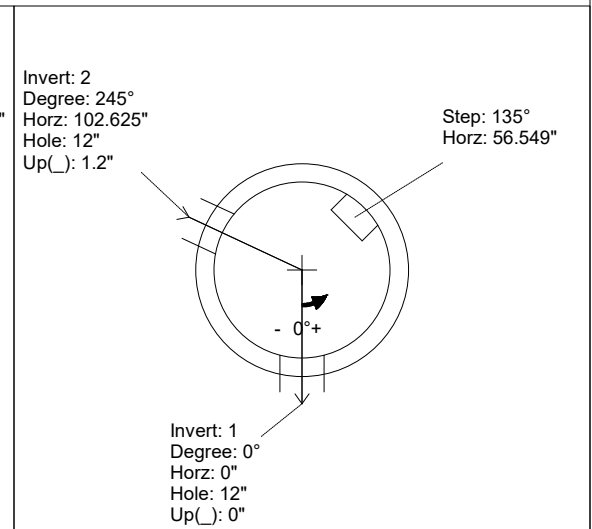
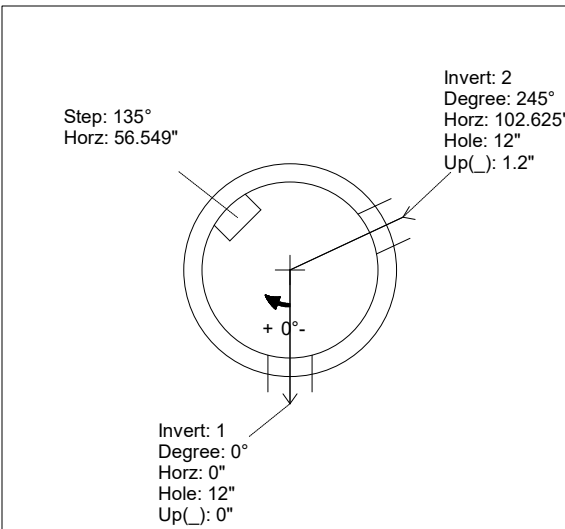
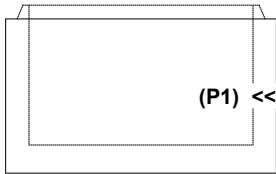
# INVERT CHANNEL DRAWING FULL HEIGHT INVERT

Rim: 414.81' Rim to Invert: 10.91' Slack: 105.92" Sump: 2" Step Position: 135°

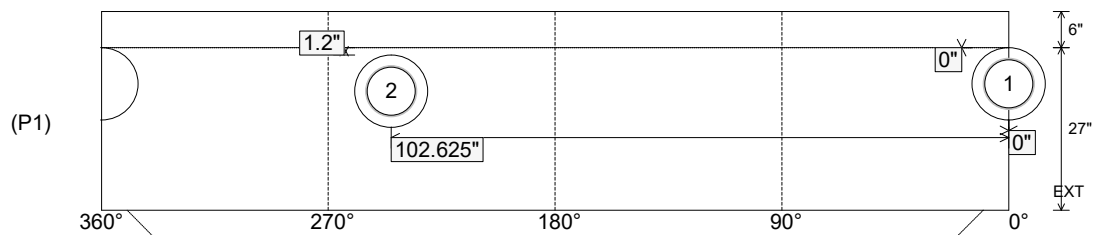
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	403.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	404'	245°	124.006"	8" PVC SDR26	8.5"	PSX 12M NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Tongue  
 Seam Dn: n/a

Wall Thickness: 5"  
 Floor Height: 6"

Height (Int): 27"  
 Height (Ext): 33"

Weight (Net): 3121 lb  
 Volume (Net): 0.8cu.yd