

Job Name: 25-3326 Chappell's Dairy Road Sewer Extension  
 Job Location: Somerset, KY  
 Contractor: City of Somerset Wastewater

Plant: 100

Tech: J. Horsley

9/25/2025 4:25:52 PM

PC: J. Jarvis



**Structure ID: MH-1**

**P1 MH048BA30**

**MH BASE T/n**

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"
- P1) 48" - MH BASE T/n - 30"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 3) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb  
 2050 lb  
 3282 lb  
 0 lb  
 1440 lb  
 0 lb  
 305 lb  
 0 lb  
 24 lb  
 0 lb  
 -----  
 Structure Total: 7101 lb

**Structure Notes:**  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 4. CASTING BY ICAST (HOE MC-350 "SANITARY" F/C)

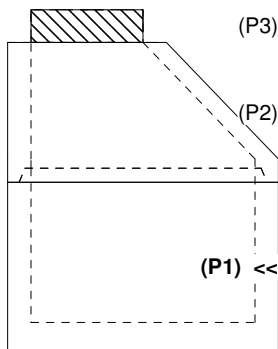
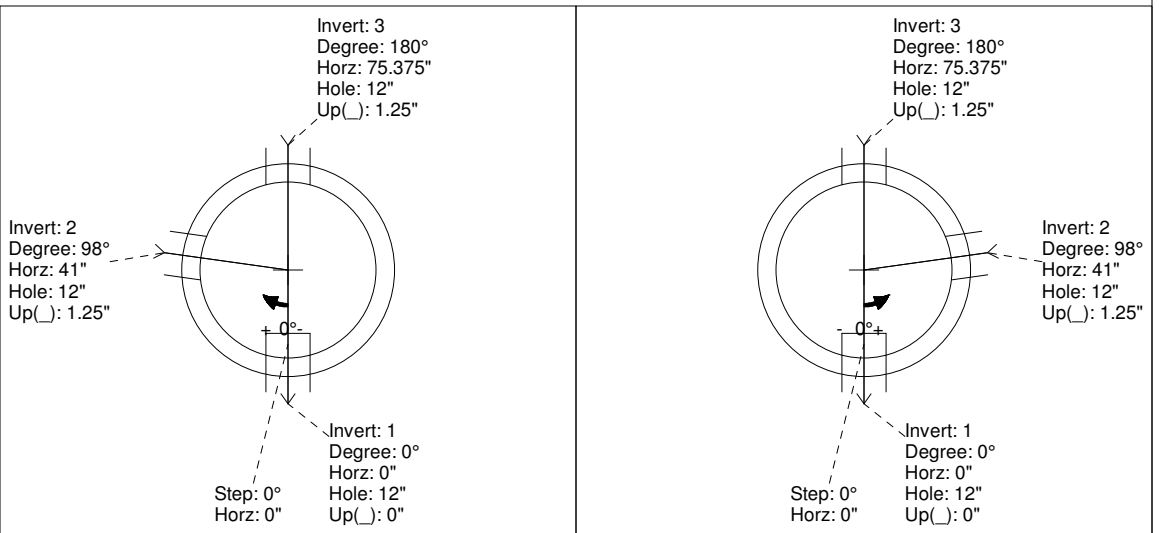
REINFORCING PER ASTM A615 (GRADE 60).  
 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 1005.5' Rim to Invert: 5.5' Slack: 1" Sump: 2" Step Position: 0

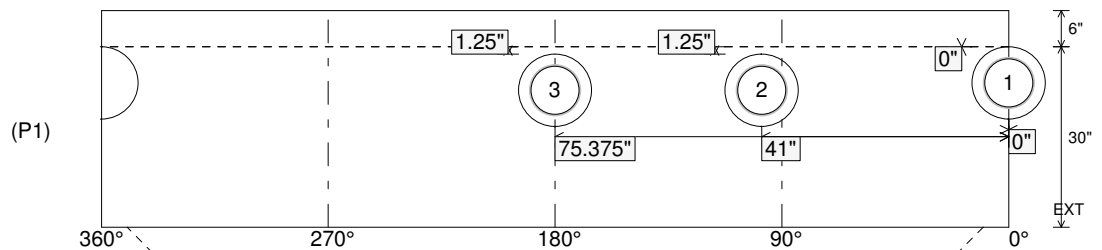
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	1000'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1000.1'	98°	49.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3	1000.1'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	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

Job Name: 25-3326 Chappell's Dairy Road Sewer Extension  
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Tech: J. Horsley  
 PC: J. Jarvis



**Structure ID: MH-1**

**P1A MH048BA30**

**MH BASE T/n**

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"	2050 lb
P1) 48" - MH BASE T/n - 30"	3282 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
3) PSX - 12-08 NYLO	24 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>7101 lb</b>

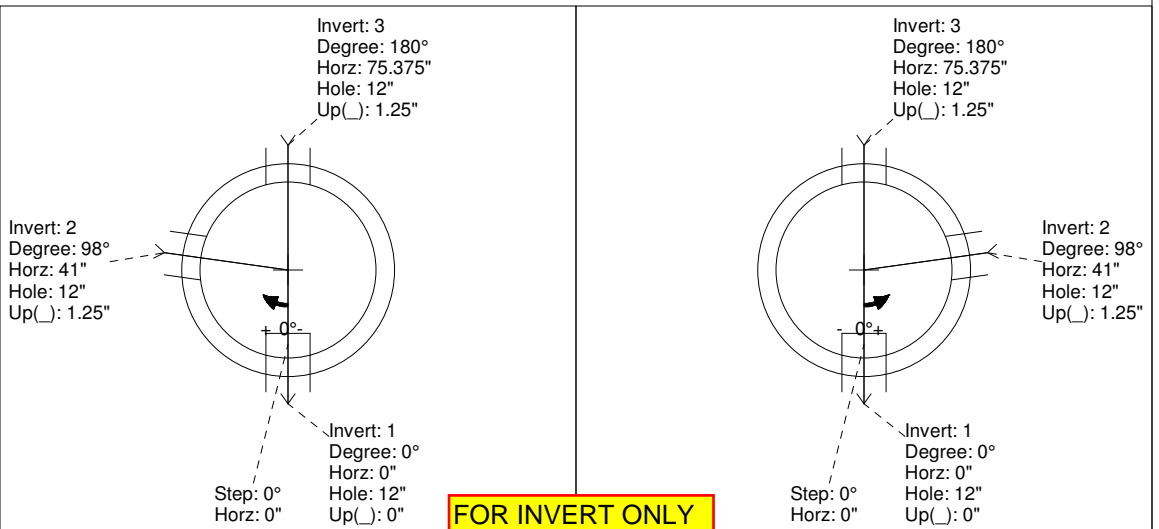
**Structure Notes:**  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 4. CASTING BY ICAST (HOE MC-350 "SANITARY" F/C)  
 REINFORCING PER ASTM A615 (GRADE 60).  
 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 1005.5' Rim to Invert: 5.5' Slack: 1" Sump: 2" Step Position: 0

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	1000'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1000.1'	98°	49.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3	1000.1'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

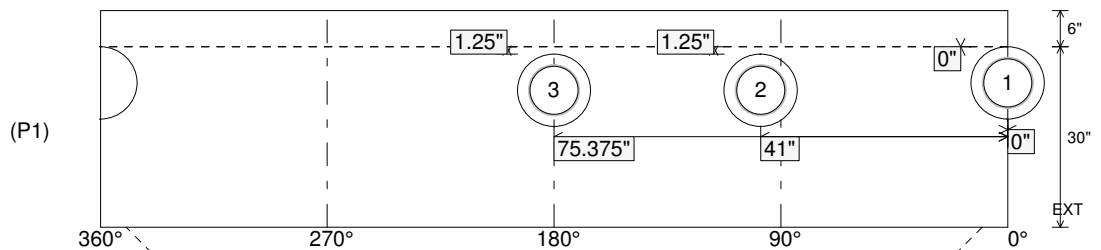
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



**FOR INVERT ONLY**

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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Job Name: 25-3326 Chappell's Dairy Road Sewer Extension  
 Job Location: Somerset, KY  
 Contractor: City of Somerset Wastewater

Plant: 100  
 9/25/2025 4:27:51 PM

Tech: J. Horsley  
 PC: J. Jarvis



**Structure ID: MH-1**

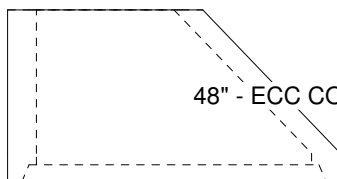
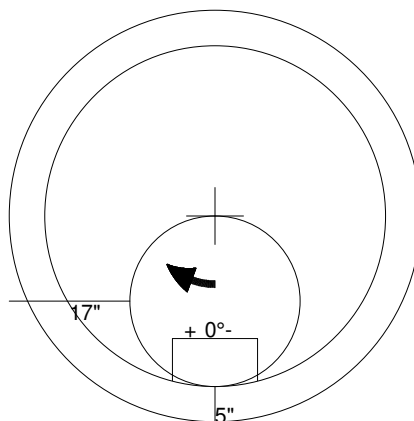
**P2 MH048CN30**

**ECC CONE w/ 24" HOLE F/G**

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"
- P1) 48" - MH BASE T/n - 30"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 3) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb  
 2050 lb  
 3282 lb  
 0 lb  
 1440 lb  
 0 lb  
 305 lb  
 0 lb  
 24 lb  
 0 lb  
 -----  
 Structure Total: 7101 lb

Structure Notes:  
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 4. CASTING BY ICAST (HOE MC-350 "SANITARY" F/C)  
  
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 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.



48" - ECC CONE w/ 24" HOLE F/G - 30" - (P2)

Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 30"

Weight (Net): 2050 lb  
 Volume (Net): 0.41cu.yd

Job Name: 25-3326 Chappell's Dairy Road Sewer Extension  
 Job Location: Somerset, KY  
 Contractor: City of Somerset Wastewater

Plant: 100  
 9/25/2025 4:26:21 PM

Tech: J. Horsley  
 PC: J. Jarvis



**Structure ID: MH-2**

**P1 MH048BA30**

**MH BASE T/n**

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"
- P1) 48" - MH BASE T/n - 30"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb  
 2050 lb  
 3330 lb  
 0 lb  
 1440 lb  
 0 lb  
 305 lb  
 0 lb  
 16 lb  
 0 lb  
 -----  
 Structure Total: 7141 lb

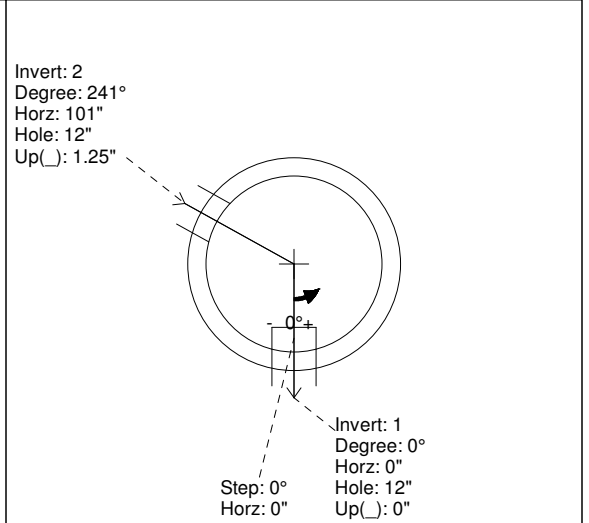
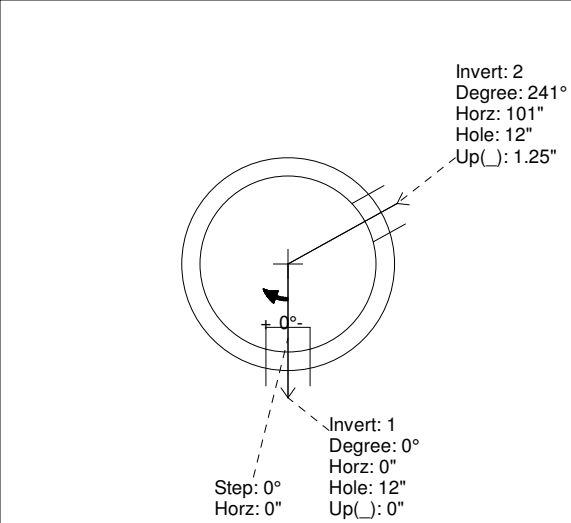
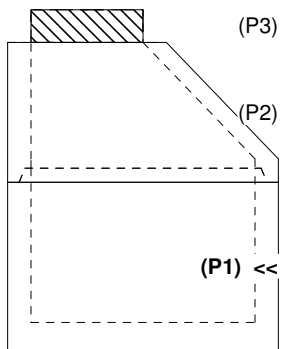
**Structure Notes:**  
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 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 1012' Rim to Invert: 5.5' Slack: 1" Sump: 2" Step Position: 0

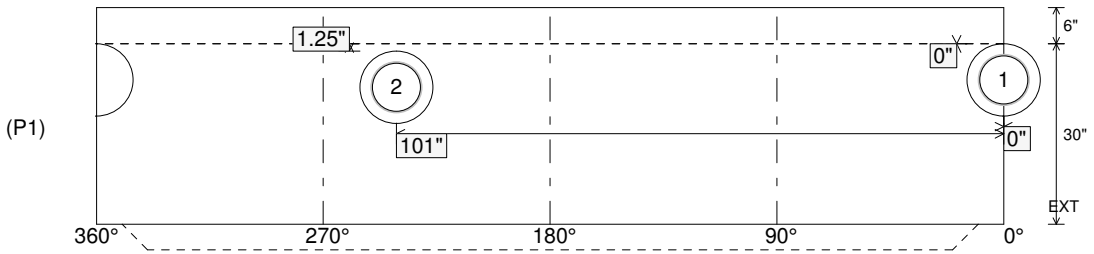
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	1006.5'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1006.6'	241°	122"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3330 lb Volume (Net): 0.85cu.yd
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Job Name: 25-3326 Chappell's Dairy Road Sewer Extension  
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 Contractor: City of Somerset Wastewater

Plant: 100  
 9/25/2025 4:26:21 PM

Tech: J. Horsley  
 PC: J. Jarvis



**Structure ID: MH-2**

**P1A MH048BA30**

**MH BASE T/n**

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"
- P1) 48" - MH BASE T/n - 30"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb  
 2050 lb  
 3330 lb  
 0 lb  
 1440 lb  
 0 lb  
 305 lb  
 0 lb  
 16 lb  
 0 lb  
 -----  
 Structure Total: 7141 lb

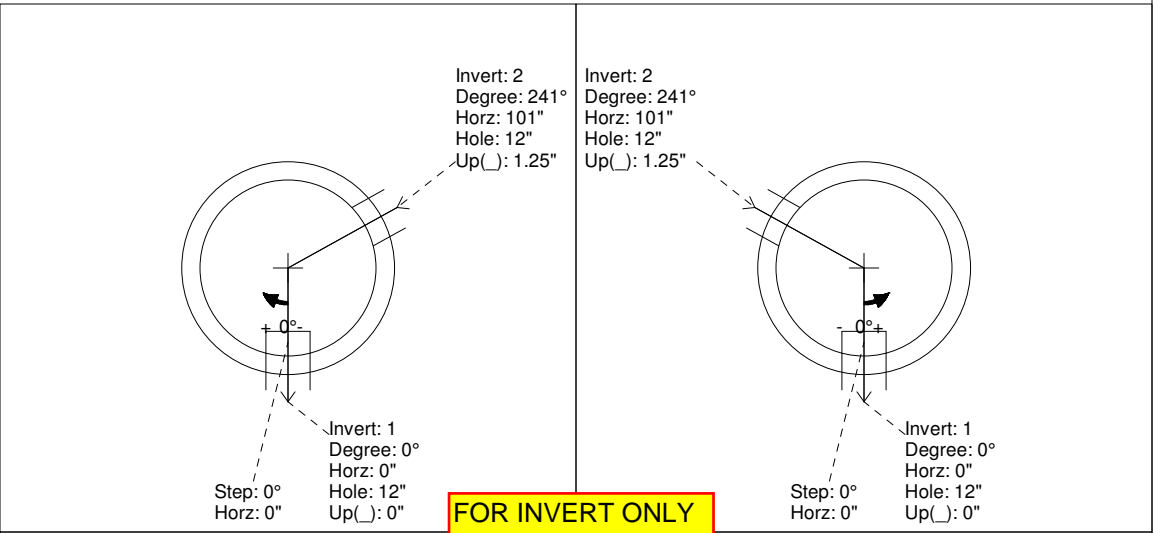
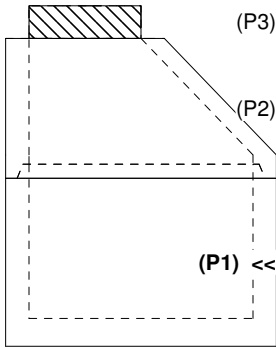
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 4. CASTING BY ICAST (HOE MC-350 "SANITARY" F/C)  
 REINFORCING PER ASTM A615 (GRADE 60).  
 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 1012' Rim to Invert: 5.5' Slack: 1" Sump: 2" Step Position: 0

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	1006.5'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1006.6'	241°	122"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

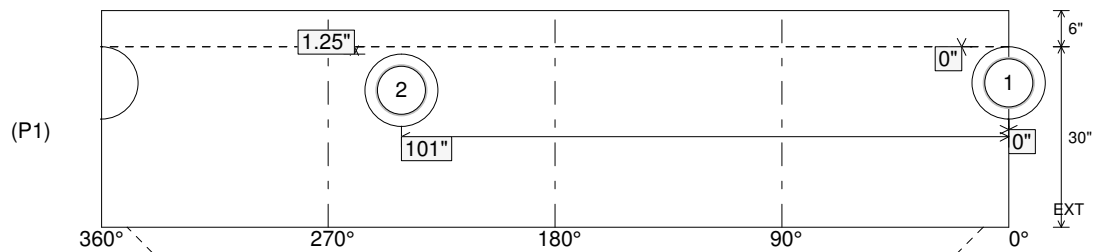
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



**FOR INVERT ONLY**

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): 3330 lb Volume (Net): 0.85cu.yd
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Job Name: 25-3326 Chappell's Dairy Road Sewer Extension  
 Job Location: Somerset, KY  
 Contractor: City of Somerset Wastewater

Plant: 100  
 9/25/2025 4:28:11 PM

Tech: J. Horsley  
 PC: J. Jarvis



**Structure ID: MH-2**

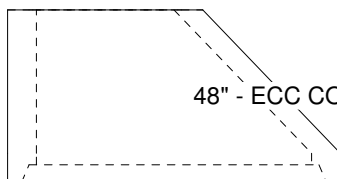
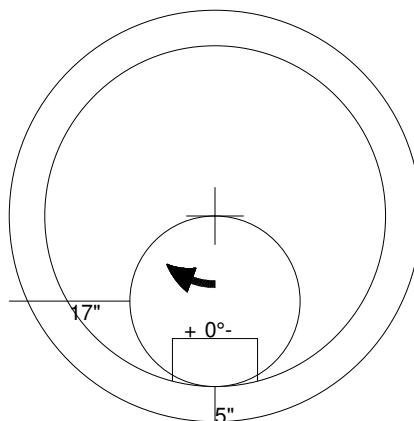
**P2 MH048CN30**

**ECC CONE w/ 24" HOLE F/G**

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"
- P1) 48" - MH BASE T/n - 30"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb  
 2050 lb  
 3330 lb  
 0 lb  
 1440 lb  
 0 lb  
 305 lb  
 0 lb  
 16 lb  
 0 lb  
 -----  
 Structure Total: 7141 lb

Structure Notes:  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 4. CASTING BY ICAST (HOE MC-350 "SANITARY" F/C)  
  
 REINFORCING PER ASTM A615 (GRADE 60).  
 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.



48" - ECC CONE w/ 24" HOLE F/G - 30" - (P2)

Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 30"

Weight (Net): 2050 lb  
 Volume (Net): 0.41cu.yd

Job Name: 25-3326 Chappell's Dairy Road Sewer Extension  
 Job Location: Somerset, KY  
 Contractor: City of Somerset Wastewater

Plant: 100  
 9/25/2025 4:27:22 PM

Tech: J. Horsley  
 PC: J. Jarvis



**Structure ID: MH-3**

**P1 MH048BA30**

**MH BASE T/n**

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"	2050 lb
P1) 48" - MH BASE T/n - 30"	3330 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>7141 lb</b>

**Structure Notes:**  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 4. CASTING BY ICAST (HOE MC-350 "SANITARY" F/C)

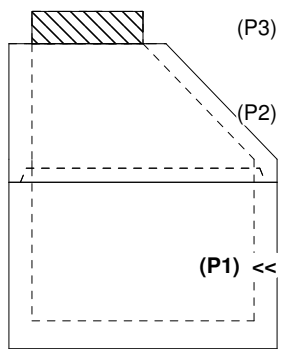
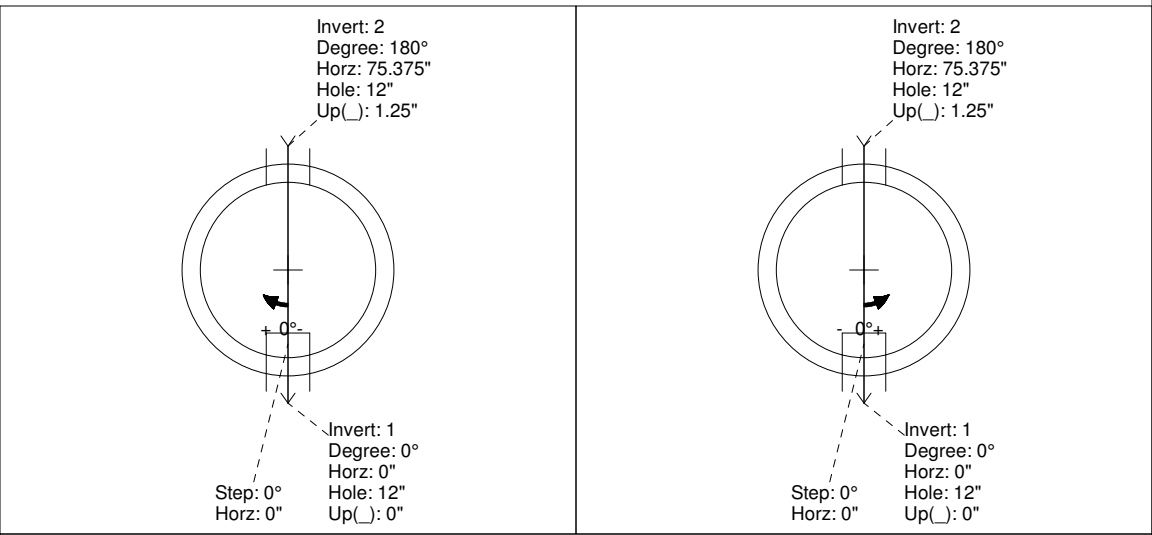
**REINFORCING PER ASTM A615 (GRADE 60).**  
 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 1023'    Rim to Invert: 5.5'    Slack: 1"    Sump: 2"    Step Position: 0

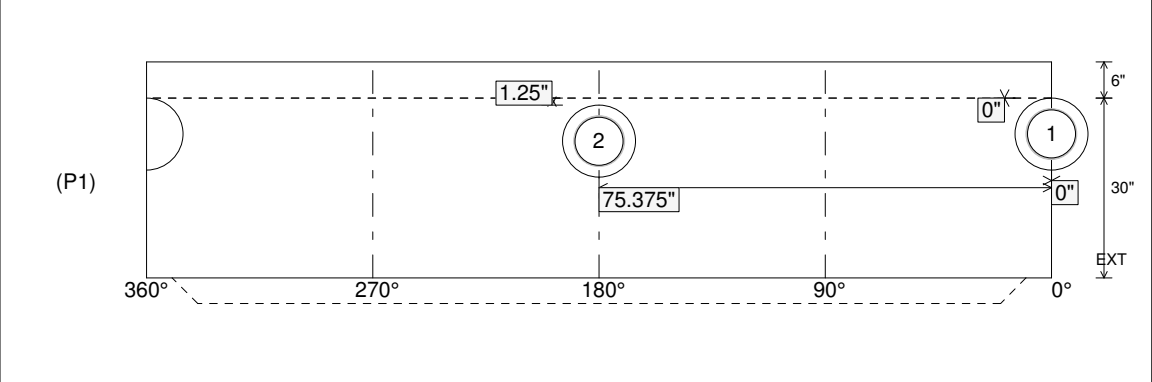
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	1017.5'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1017.6'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3330 lb Volume (Net): 0.85cu.yd
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Plant: 100  
 9/25/2025 4:27:22 PM

Tech: J. Horsley  
 PC: J. Jarvis



**Structure ID: MH-3**

**P1A MH048BA30**

**MH BASE T/n**

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"	2050 lb
P1) 48" - MH BASE T/n - 30"	3330 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>7141 lb</b>

**Structure Notes:**  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 4. CASTING BY ICAST (HOE MC-350 "SANITARY" F/C)

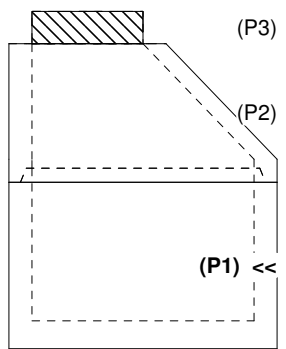
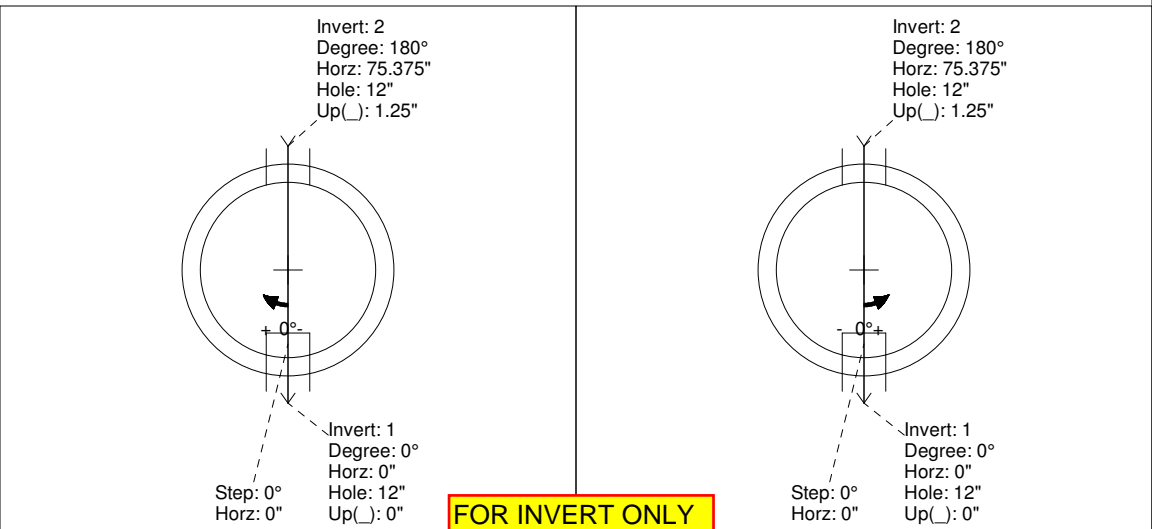
**REINFORCING PER ASTM A615 (GRADE 60).**  
 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 1023'    Rim to Invert: 5.5'    Slack: 1"    Sump: 2"    Step Position: 0

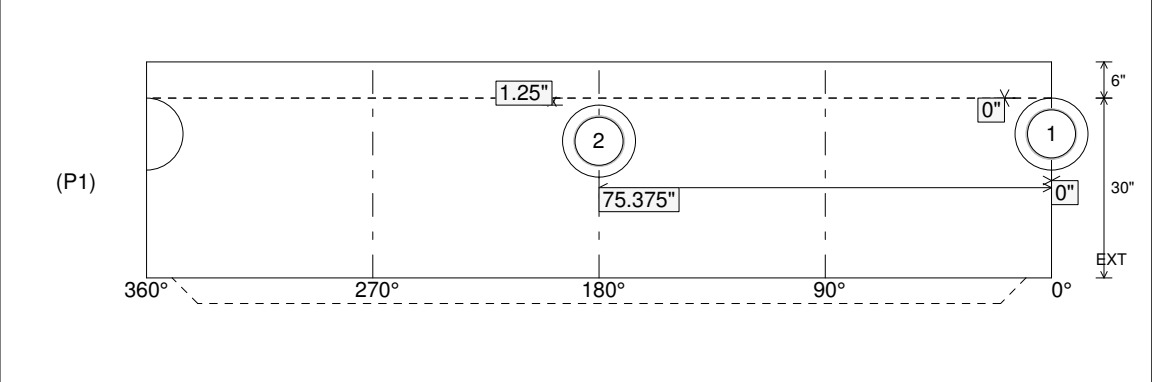
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	1017.5'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
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Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
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: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3330 lb Volume (Net): 0.85cu.yd
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Job Name: 25-3326 Chappell's Dairy Road Sewer Extension  
 Job Location: Somerset, KY  
 Contractor: City of Somerset Wastewater

Plant: 100  
 9/25/2025 4:28:34 PM

Tech: J. Horsley  
 PC: J. Jarvis



**Structure ID: MH-3**

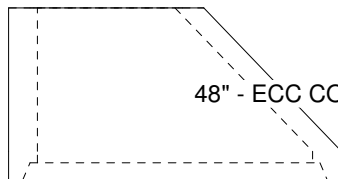
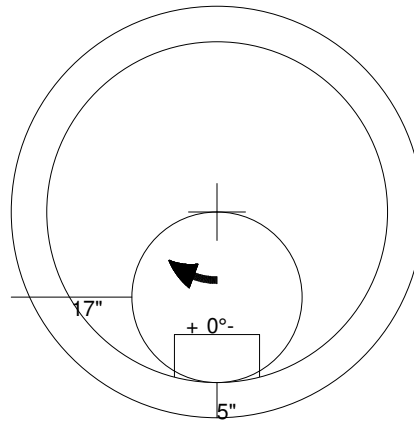
**P2 MH048CN30**

**ECC CONE w/ 24" HOLE F/G**

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"
- P1) 48" - MH BASE T/n - 30"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb  
 2050 lb  
 3330 lb  
 0 lb  
 1440 lb  
 0 lb  
 305 lb  
 0 lb  
 16 lb  
 0 lb  
 -----  
 Structure Total: 7141 lb

Structure Notes:  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 4. CASTING BY ICAST (HOE MC-350 "SANITARY" F/C)  
  
 REINFORCING PER ASTM A615 (GRADE 60).  
 - CONE (As .12)  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.



48" - ECC CONE w/ 24" HOLE F/G - 30" - (P2)

Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 30"

Weight (Net): 2050 lb  
 Volume (Net): 0.41cu.yd