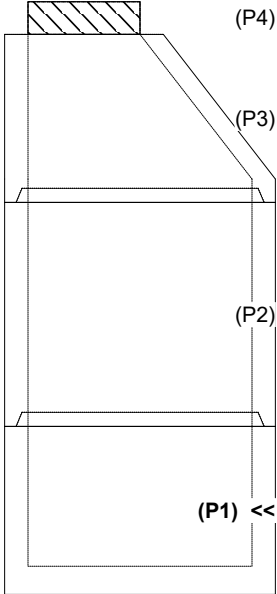


Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:57:46 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-9-2 SS-MH										
P1 MH048BA30CDARED					MH BASE w/ConBlock-CDA Red T/n					
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-08 NYLO 1) PSX - 8QRS-S NYLO 9) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 3353 lb 3357 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 8 lb 6 lb 0 lb ----- Structure Total: 10721 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1248' Rim to Invert: 10.1' Slack: 2.2" Sump: 2" Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1237.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1238.41'	200°	101.229"	4" PVC SDR17	4.5"	PSX 8QRS-S NYLO	8"	8.038"	6.09"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



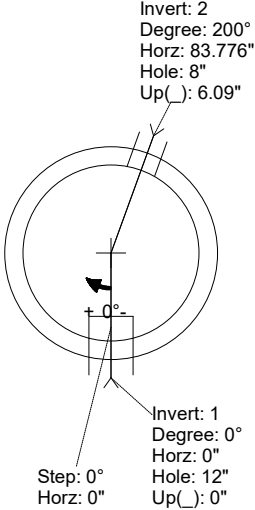
(P4)

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

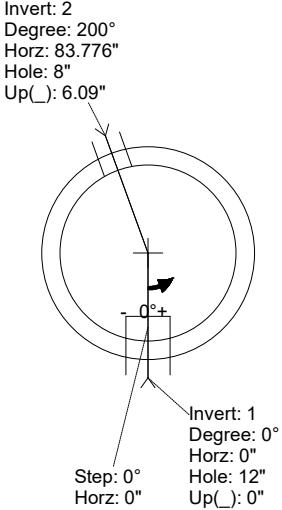


Invert: 2
Degree: 200°
Horz: 83.776"
Hole: 8"
Up(): 6.09"

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

Step: 0°
Horz: 0"

UPSIDE-DOWN VIEW (int. dimensions)

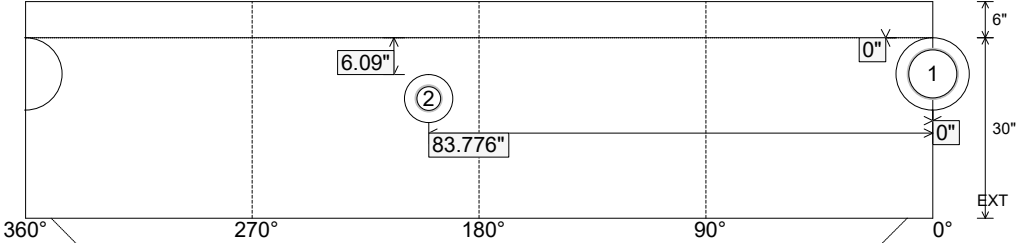


Invert: 2
Degree: 200°
Horz: 83.776"
Hole: 8"
Up(): 6.09"

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

Step: 0°
Horz: 0"

INSIDE WALL DIMENSIONS



(P1)

83.776"

6.09"

360° 270° 180° 90° 0°

EXT

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): 3357 lb Volume (Net): 0.86cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2	Plant: Beaver Dam	Tech: S. Felletter	
Job Location: London, KY	6/2/2026 2:57:46 PM	PC: E. Bradley	
Contractor: Endesol, Inc.			
Structure ID: B-9-2 SS-MH			
P1 MH048BA30CDARED		MH BASE w/ConBlock-CDA Red T/n	

- P4) 24" - CASTING HEIGHT - 7"
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48"
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) CASTING - HOE MC-350 F/C Sanitary
2) 48" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
1) PSX - 12-08 NYLO
1) PSX - 8QRS-S NYLO
9) MH Step ML-10-TDS-NCR - 10"

0 lb
2251 lb
3353 lb
3357 lb
0 lb
0 lb
1440 lb
305 lb
0 lb
0 lb
8 lb
6 lb
0 lb

Structure Total: 10721 lb

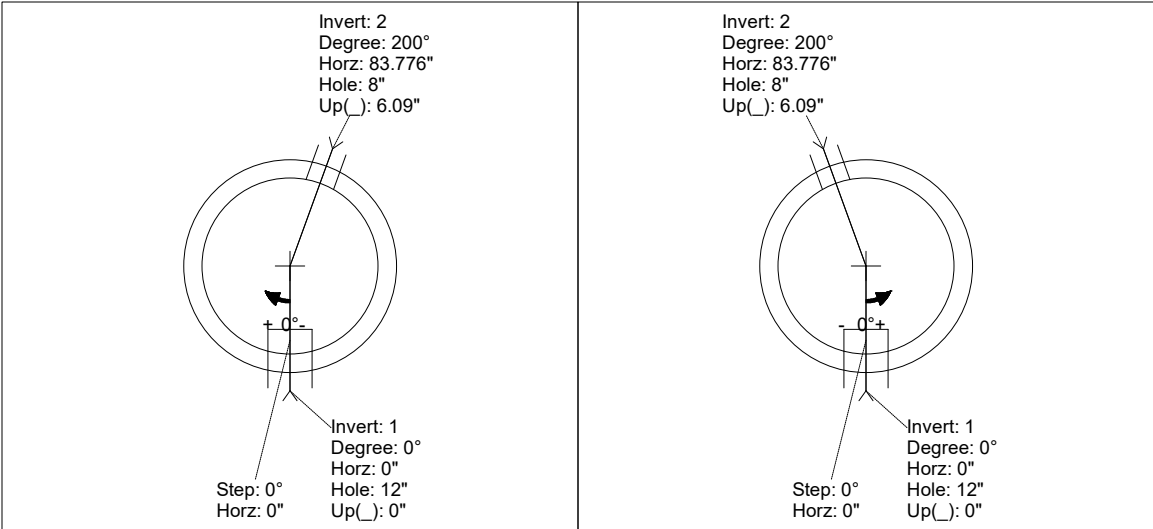
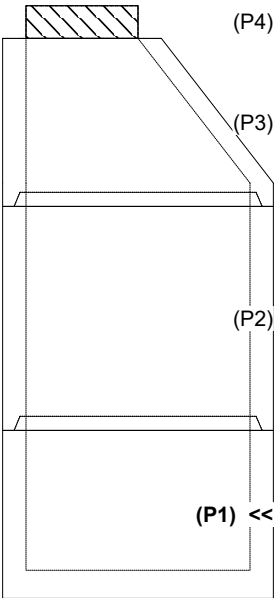
- Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY").
- REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Invert channel drawing
Full height invert

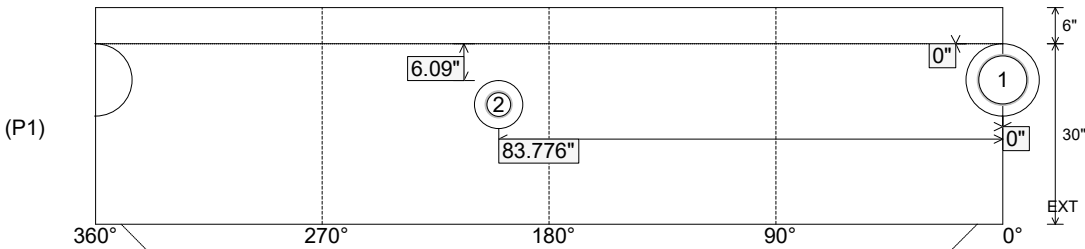
Rim: 1248'	Rim to Invert: 10.1'	Slack: 2.2"	Sump: 2"	Step Position: 0°						
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1237.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1238.41'	200°	101.229"	4" PVC SDR17	4.5"	PSX 8QRS-S NYLO	8"	8.038"	6.09"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

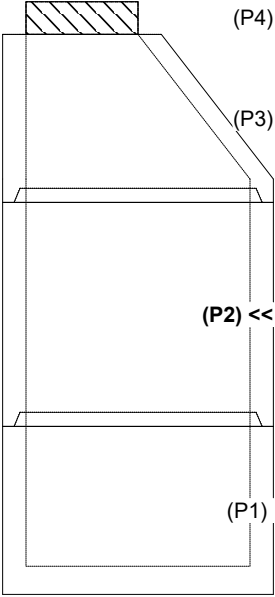
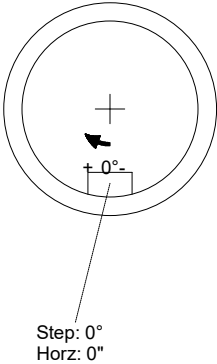
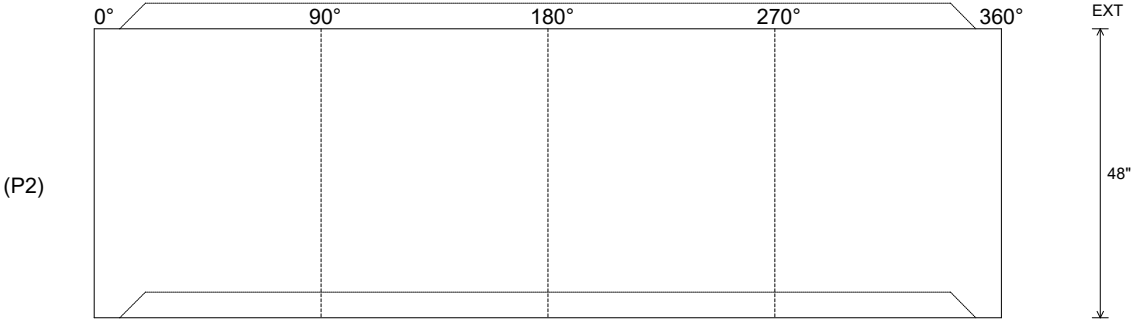
UPSIDE-DOWN VIEW (int. dimensions)

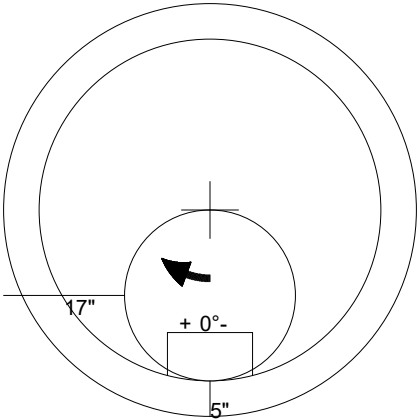
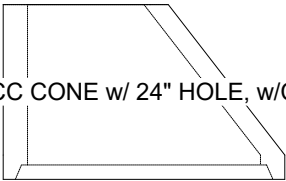


INSIDE WALL DIMENSIONS



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): 3357 lb Volume (Net): 0.86cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter					
Job Location: London, KY					6/2/2026 2:59:07 PM		PC: E. Bradley					
Contractor: Endesol, Inc.												
Structure ID: B-9-2 SS-MH												
P2 MH048RS48CDARED MH RISER w/ConBlock-CDA Red T/G												
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-08 NYLO 1) PSX - 8QRS-S NYLO 9) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 3353 lb 3357 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 8 lb 6 lb 0 lb Structure Total: 10721 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1248'					Rim to Invert: 10.1'		Slack: 2.2"		Sump: 2"		Step Position: 0°	
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset		
Invert 1												
Invert 2												
Invert 3												
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												
RIGHT-SIDE UP VIEW (int. dimensions)												
												
INSIDE WALL DIMENSIONS												
												
Coating (Int):			Seam Up: Tongue		Wall Thickness: 5"		Height (Int): 48"		Weight (Net): 3353 lb			
Coating (Ext):			Seam Dn: Groove		Floor Height: 0"		Height (Ext): 48"		Volume (Net): 0.86cu.yd			

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2		Plant: Beaver Dam	Tech: S. Felletter	
Job Location: London, KY Contractor: Endesol, Inc.		6/2/2026 2:58:20 PM	PC: E. Bradley	
Structure ID: B-9-2 SS-MH				
P3 MH048CN36CDARED		ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G		
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-08 NYLO 1) PSX - 8QRS-S NYLO 9) MH Step ML-10-TDS-NCR - 10"		0 lb 2251 lb 3353 lb 3357 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 8 lb 6 lb 0 lb ----- 10721 lb	Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). . 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, w/ConBlock-CDA Red F/G - 36" - (P3)				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 36"	Weight (Net): 2251 lb Volume (Net): 0.57cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2

Job Location: London, KY

Contractor: Endesol, Inc.

Plant: Beaver Dam

6/2/2026 2:57:46 PM

Tech: S. Felletter

PC: E. Bradley

Structure ID: B-8-3 SS-MH

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

P5) 24" - CASTING HEIGHT - 7"

P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"

P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"

P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24"

P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

1) SPECIAL EXTERNAL COATING - GRADE RING

1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT

1) CASTING - HOE MC-350 F/C Sanitary

2) 48" - Conseal CS-102 1.00" (Double)

2) 24" - Conseal CS-102 1.00" (Double)

2) PSX - 12-08 NYLO

7) MH Step ML-10-TDS-NCR - 10"

0 lb

202 lb

1961 lb

1677 lb

3330 lb

0 lb

0 lb

0 lb

1440 lb

305 lb

0 lb

0 lb

16 lb

0 lb

Structure Total: 8932 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. ADMIXTURE = CONBLOCK CDA RED.

4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY").

5. EXTERNAL BITUMINOUS COATING REQUIRED FOR GRADE RING.

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: 1241'

Rim to Invert: 7.8'

Slack: 1.6"

Sump: 2"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1233.2'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1233.3'	180°	91.106"	8" PVC SDR35	8.5"	PSX 12-08 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. 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

Plant: Beaver Dam

6/2/2026 2:57:46 PM

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

0 lb
202 lb
1961 lb
1677 lb
3330 lb
0 lb
0 lb
0 lb
1440 lb
305 lb
0 lb
0 lb
16 lb
0 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY").
5. EXTERNAL BITUMINOUS COATING REQUIRED FOR GRADE RING.

REINFORCING PER ASTM A615 (GRADE 60).

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

Structure Total: 8932 lb

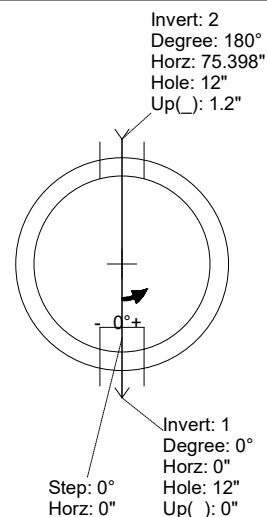
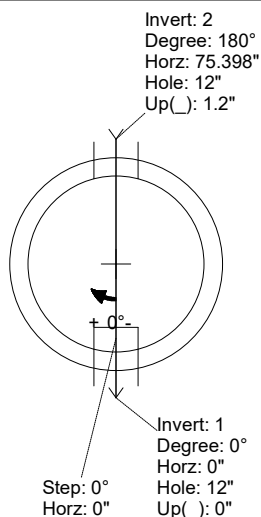
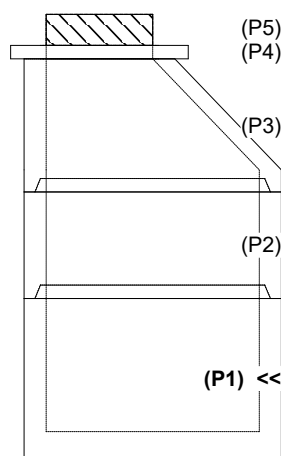
Rim: 1241' Rim to Invert: 7.8' Slack: 1.6" Sump: 2" Step Position: 0°

Invert channel drawing
Full height invert

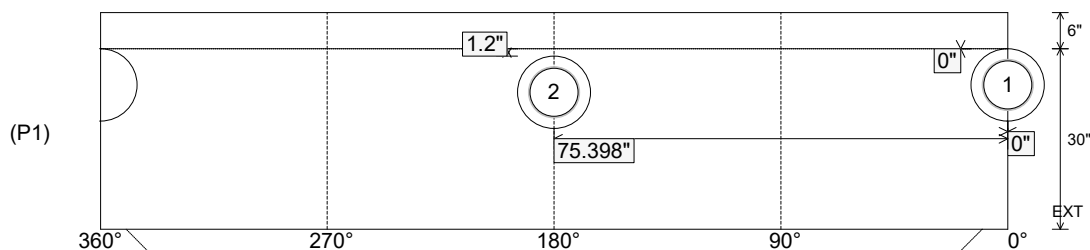
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RIGHT-SIDE UP VIEW (int. dimensions)

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

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2

Job Location: London, KY

Contractor: Endesol, Inc.

Plant: Beaver Dam

6/2/2026 2:59:08 PM

Tech: S. Felletter

PC: E. Bradley



Structure ID: B-8-3 SS-MH

P2 MH048RS24CDARED

MH RISER w/ConBlock-CDA Red T/G

P5) 24" - CASTING HEIGHT - 7"

P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"

P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"

P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24"

P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

1) SPECIAL EXTERNAL COATING - GRADE RING

1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT

1) CASTING - HOE MC-350 F/C Sanitary

2) 48" - Conseal CS-102 1.00" (Double)

2) 24" - Conseal CS-102 1.00" (Double)

2) PSX - 12-08 NYLO

7) MH Step ML-10-TDS-NCR - 10"

0 lb

202 lb

1961 lb

1677 lb

3330 lb

0 lb

0 lb

0 lb

1440 lb

305 lb

0 lb

0 lb

16 lb

0 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. ADMIXTURE = CONBLOCK CDA RED.

4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY").

5. EXTERNAL BITUMINOUS COATING REQUIRED FOR GRADE RING.

REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12)

- RISER/WALLS (As .12)

- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 8932 lb

Rim: 1241'

Rim to Invert: 7.8'

Slack: 1.6"

Sump: 2"

Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P5)

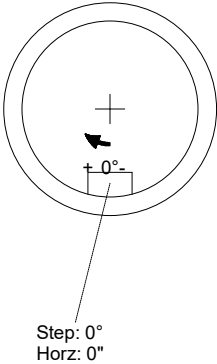
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(P3)

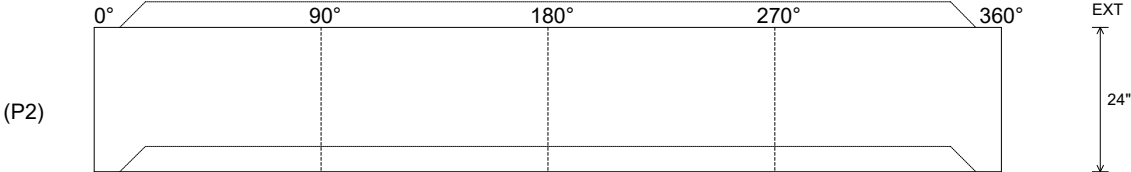
(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

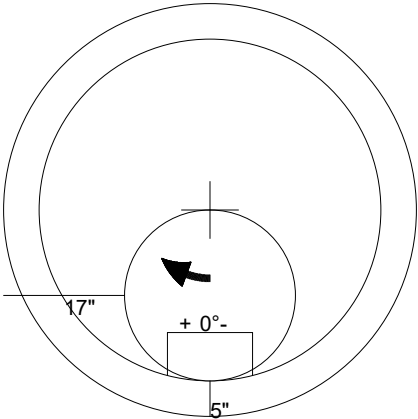
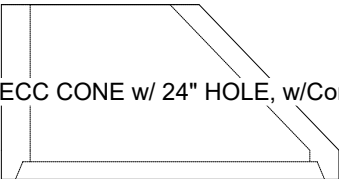
Floor Height: 0"

Height (Int): 24"

Height (Ext): 24"

Weight (Net): 1677 lb

Volume (Net): 0.43cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2 Job Location: London, KY Contractor: Endesol, Inc.		Plant: Beaver Dam 6/2/2026 2:58:21 PM	Tech: S. Felletter PC: E. Bradley	
Structure ID: B-8-3 SS-MH				
P3 MH048CN30CDARED		ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G		
P5) 24" - CASTING HEIGHT - 7" P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) SPECIAL EXTERNAL COATING - GRADE RING 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 7) MH Step ML-10-TDS-NCR - 10"		0 lb 202 lb 1961 lb 1677 lb 3330 lb 0 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- 8932 lb	<u>Structure Notes:</u> . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 5. EXTERNAL BITUMINOUS COATING REQUIRED FOR GRADE RING. . 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, w/ConBlock-CDA Red F/G - 30" - (P3) 				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 30"	Weight (Net): 1961 lb Volume (Net): 0.5cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2
Job Location: London, KY
Contractor: Endesol, Inc.

Plant: Beaver Dam
6/2/2026 2:58:21 PM

Tech: S. Felletter
PC: E. Bradley



Structure ID: B-8-3 SS-MH

P4 GR3CDARED

GRADE RING w/ConBlock-CDA Red F/F

- P5) 24" - CASTING HEIGHT - 7"
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24"
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) SPECIAL EXTERNAL COATING - GRADE RING
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) CASTING - HOE MC-350 F/C Sanitary
2) 48" - Conseal CS-102 1.00" (Double)
2) 24" - Conseal CS-102 1.00" (Double)
2) PSX - 12-08 NYLO
7) MH Step ML-10-TDS-NCR - 10"

0 lb
202 lb
1961 lb
1677 lb
3330 lb
0 lb
0 lb
0 lb
1440 lb
305 lb
0 lb
0 lb
16 lb
0 lb

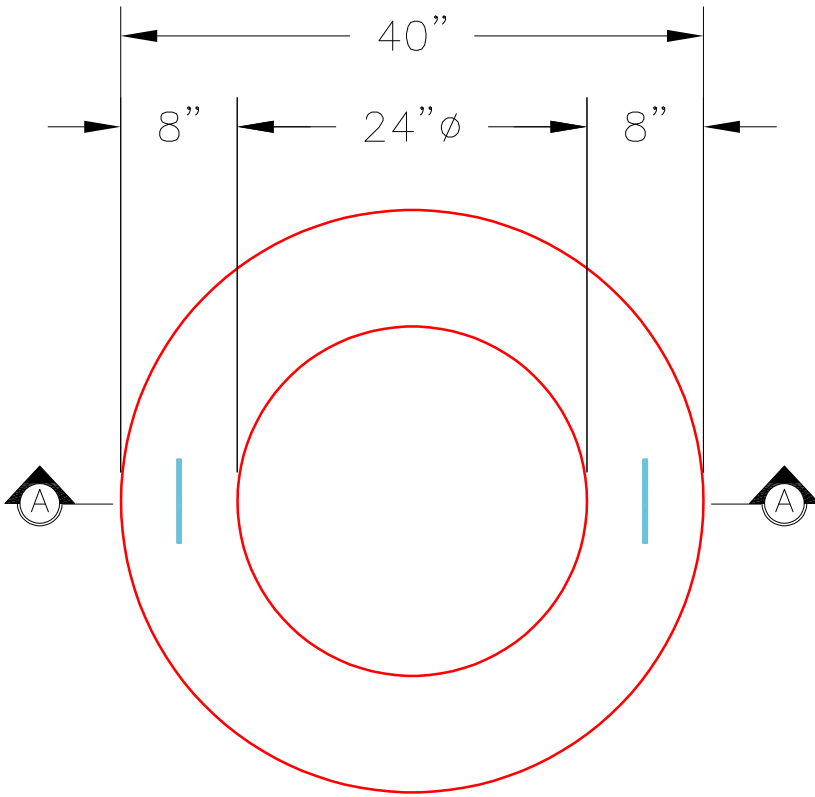
Structure Total: 8932 lb

Structure Notes:

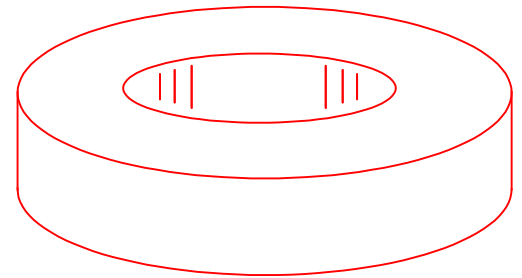
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY").
 5. EXTERNAL BITUMINOUS COATING REQUIRED FOR GRADE RING.
- REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

NOTES:

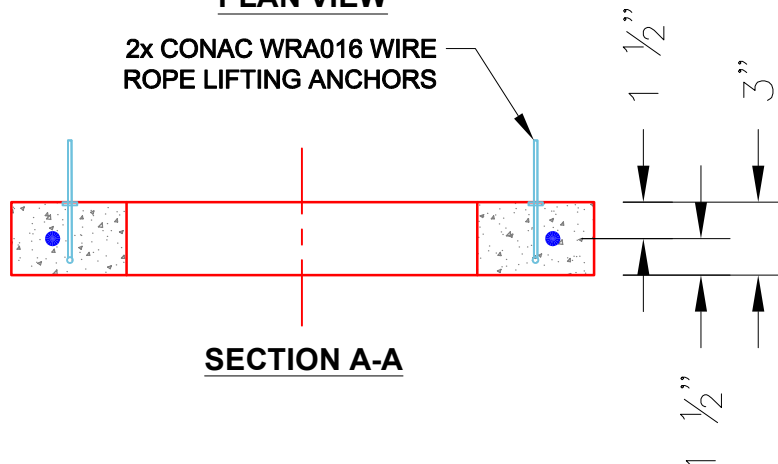
1. GRADE RINGS MEET OR EXCEED THE FOLLOWING SPECIFICATIONS
-CONCRETE: 4,000 PSI @ 28 DAYS
-REINFORCING: (1) #3 HOOP CENTERED (GRADE 60)
2. WEIGHT: 3" 202 LBS.
3. ADMIXTURE: CONBLOCK-CDA RED



PLAN VIEW



ISOMETRIC VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

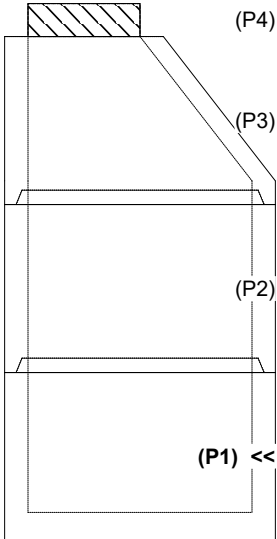
Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 3"

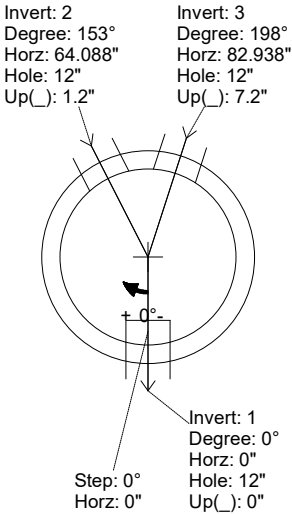
Weight (Net): 202 lb
Volume (Net): 0.05cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2 Job Location: London, KY Contractor: Endesol, Inc.					Plant: Beaver Dam 6/2/2026 2:57:47 PM		Tech: S. Felletter PC: E. Bradley				
Structure ID: B-7-4 SS-MH											
P1 MH048BA30CDARED			MH BASE w/ConBlock-CDA Red T/n								
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 3) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 2515 lb 3282 lb 0 lb 0 lb 1440 lb 1440 lb 305 lb 0 lb 0 lb 24 lb 0 lb ----- 11257 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1241' Rim to Invert: 9' Slack: 1" Sump: 2" Step Position: 0°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	1232'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"	
Invert 2	1232.1'	153°	77.44"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"	
Invert 3	1232.6'	198°	100.217"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	7.2"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



(P4)
(P3)
(P2)
(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



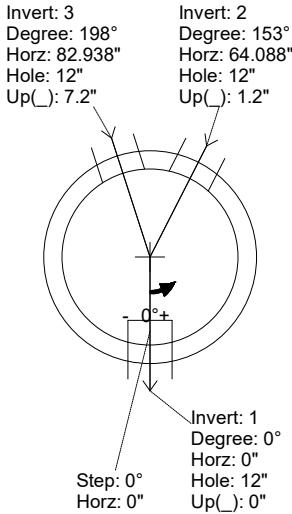
Invert: 2
Degree: 153°
Horz: 64.088"
Hole: 12"
Up(): 1.2"

Invert: 3
Degree: 198°
Horz: 82.938"
Hole: 12"
Up(): 7.2"

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

Step: 0°
Horz: 0"

UPSIDE-DOWN VIEW (int. dimensions)



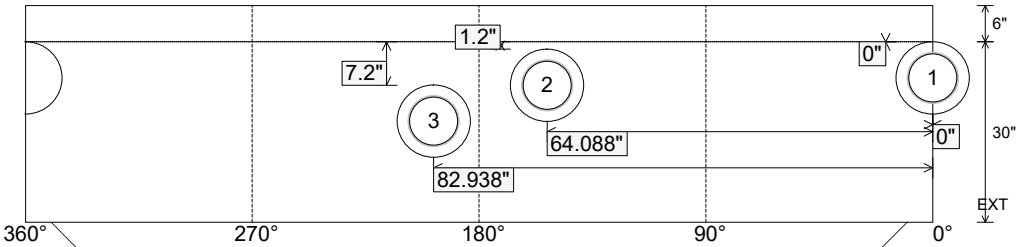
Invert: 3
Degree: 198°
Horz: 82.938"
Hole: 12"
Up(): 7.2"

Invert: 2
Degree: 153°
Horz: 64.088"
Hole: 12"
Up(): 1.2"

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

Step: 0°
Horz: 0"

INSIDE WALL DIMENSIONS



(P1)

64.088"
82.938"

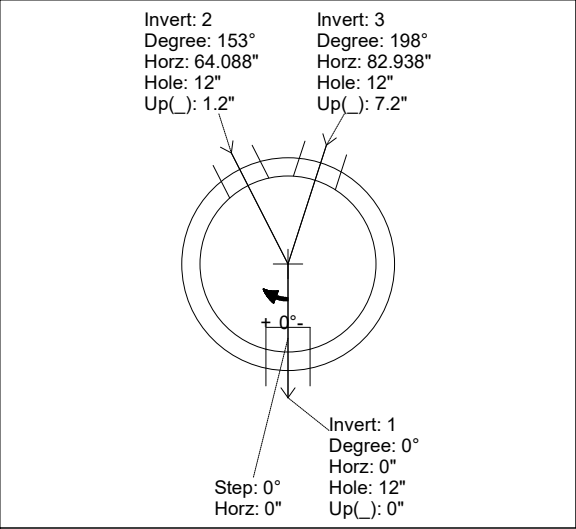
360° 270° 180° 90° 0°

6"
30"
EXT

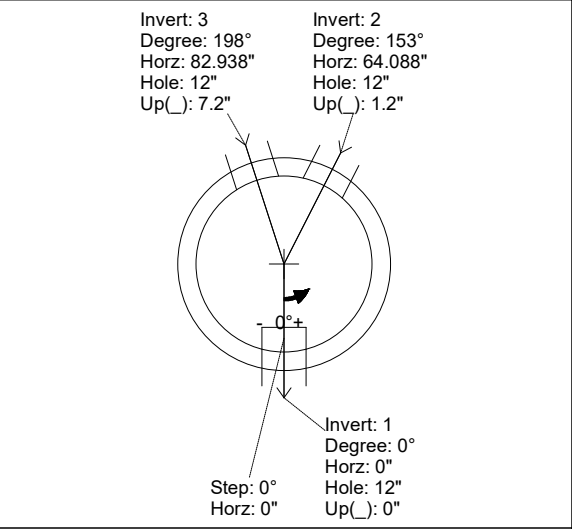
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3282 lb Volume (Net): 0.84cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter					
Job Location: London, KY					6/2/2026 2:57:47 PM		PC: E. Bradley					
Contractor: Endesol, Inc.												
Structure ID: B-7-4 SS-MH												
P1 MH048BA30CDARED					MH BASE w/ConBlock-CDA Red T/n							
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Con seal CS-102 1.00" (Double) 1) 24" - Con seal CS-102 1.00" (Double) 3) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 2515 lb 3282 lb 0 lb 0 lb 1440 lb 1440 lb 305 lb 0 lb 0 lb 24 lb 0 lb ----- 11257 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1241'					Rim to Invert: 9'		Slack: 1"		Sump: 2"		Step Position: 0"	
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	1232'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"		
Invert 2	1232.1'	153°	77.44"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"		
Invert 3	1232.6'	198°	100.217"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	7.2"	0"		
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												

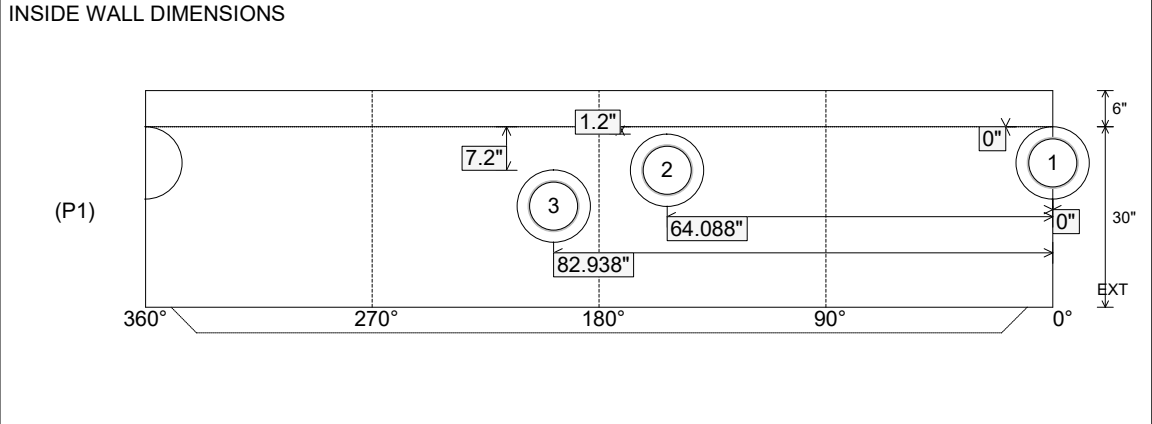
RIGHT-SIDE UP VIEW (int. dimensions)

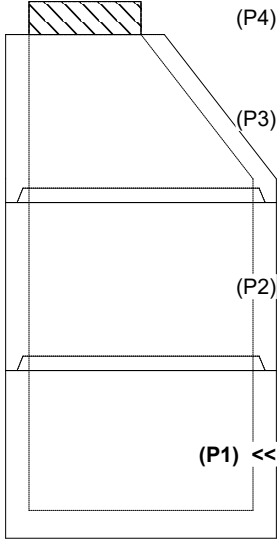


UPSIDE-DOWN VIEW (int. dimensions)



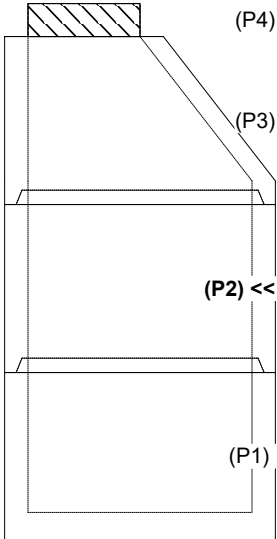
INSIDE WALL DIMENSIONS





Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 30"	Weight (Net): 3282 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 36"	Volume (Net): 0.84cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2 Job Location: London, KY Contractor: Endesol, Inc.					Plant: Beaver Dam 6/2/2026 2:59:08 PM		Tech: S. Felletter PC: E. Bradley				
Structure ID: B-7-4 SS-MH											
P2 MH048RS36CDARED			MH RISER w/ConBlock-CDA Red T/G								
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 3) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 2515 lb 3282 lb 0 lb 0 lb 1440 lb 1440 lb 305 lb 0 lb 0 lb 24 lb 0 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1241' Rim to Invert: 9' Slack: 1" Sump: 2" Step Position: 0°					Structure Total: 11257 lb						
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1											
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



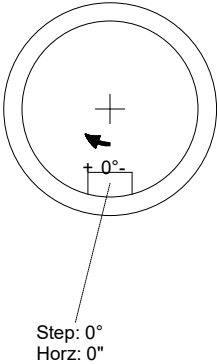
(P4)

(P3)

(P2) <<

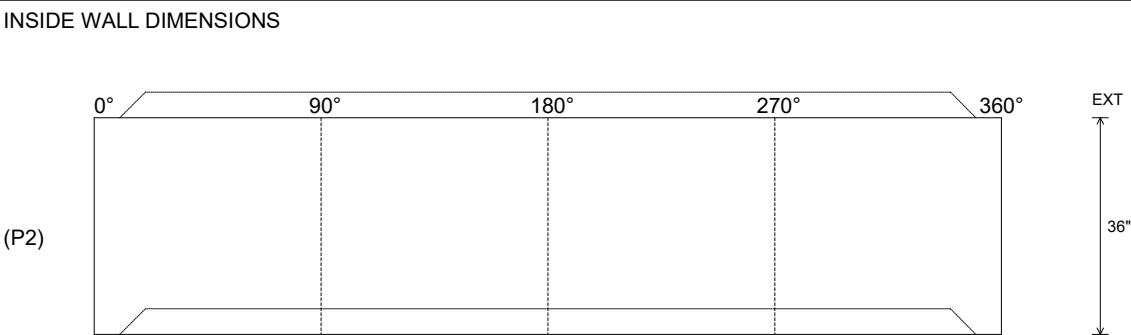
(P1)

RIGHT-SIDE UP VIEW (int. dimensions)



Step: 0°
Horz: 0°

INSIDE WALL DIMENSIONS

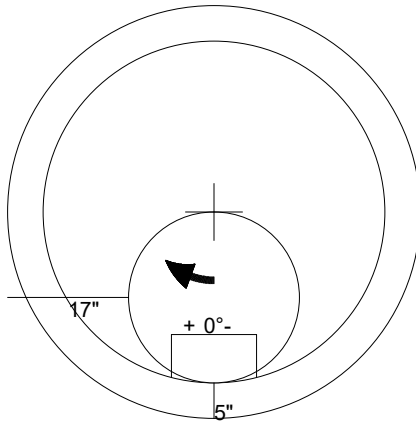
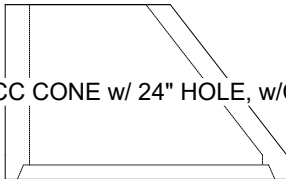


(P2)

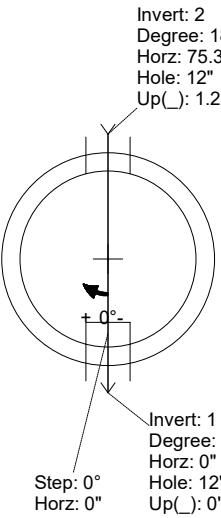
0° 90° 180° 270° 360°

EXT 36"

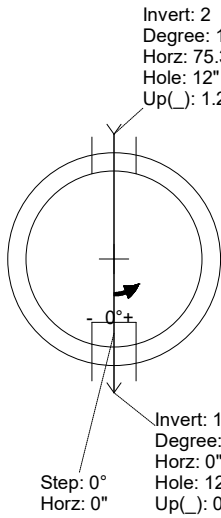
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 2515 lb Volume (Net): 0.64cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2		Plant: Beaver Dam	Tech: S. Felletter	
Job Location: London, KY Contractor: Endesol, Inc.		6/2/2026 2:58:21 PM	PC: E. Bradley	
Structure ID: B-7-4 SS-MH				
P3 MH048CN36CDARED		ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G		
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 3) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"		0 lb 2251 lb 2515 lb 3282 lb 0 lb 0 lb 1440 lb 1440 lb 305 lb 0 lb 0 lb 24 lb 0 lb ----- 11257 lb Structure Total:	Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). . 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, w/ConBlock-CDA Red F/G - 36" - (P3) 				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 36"	Weight (Net): 2251 lb Volume (Net): 0.57cu.yd

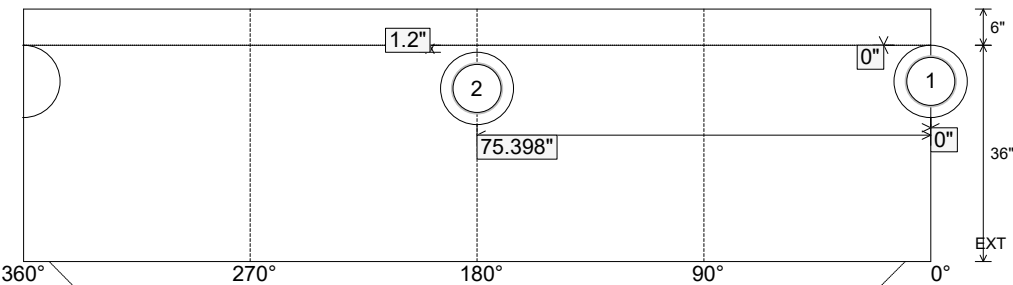
Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:57:48 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-6-5 SS-MH										
P1 MH048BA36CDARED					MH BASE w/ConBlock-CDA Red T/n					
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 12) MH Step ML-10-TDS-NCR - 10"					0 lb 3116 lb 4192 lb 3749 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 12818 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1241' Rim to Invert: 12.1' Slack: 2.2' Sump: 2' Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1228.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1229'	180°	91.106"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



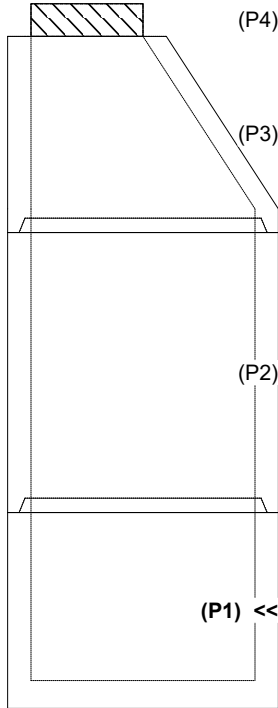
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



(P4)

(P3)

(P2)

(P1) <<

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

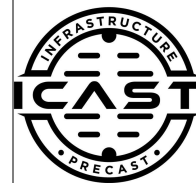
Floor Height: 6"

Height (Int): 36"

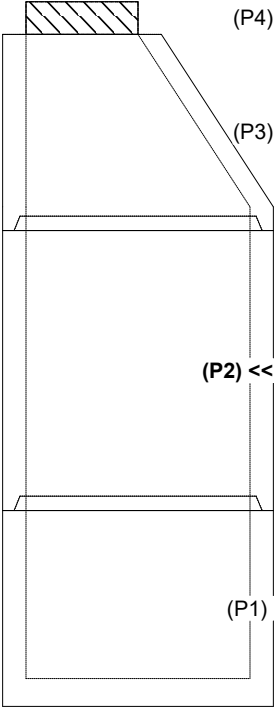
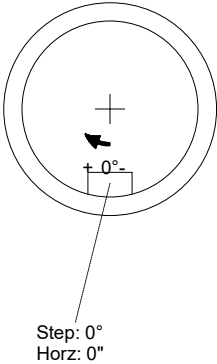
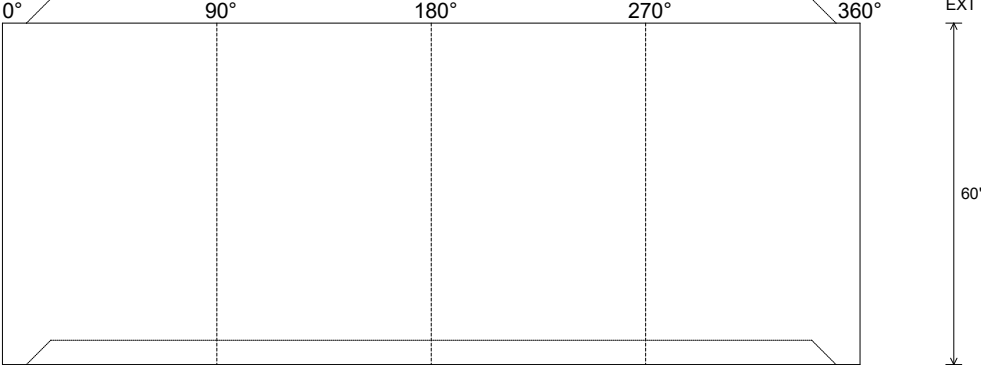
Height (Ext): 42"

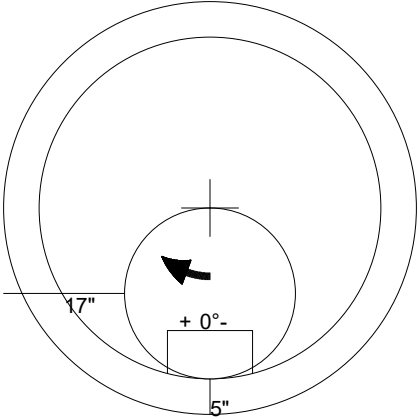
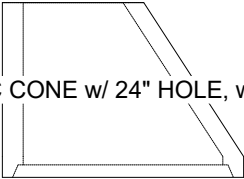
Weight (Net): 3749 lb

Volume (Net): 0.96cu.yd



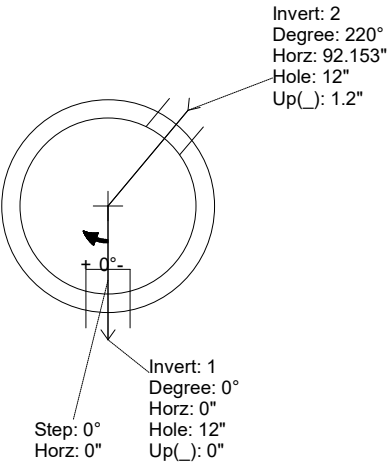
Weight (Net): 3749 lb
Volume (Net): 0.96cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter					
Job Location: London, KY					6/2/2026 2:59:09 PM		PC: E. Bradley					
Contractor: Endesol, Inc.												
Structure ID: B-6-5 SS-MH												
P2 MH048RS60CDARED MH RISER w/ConBlock-CDA Red T/G												
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 12) MH Step ML-10-TDS-NCR - 10"					0 lb 3116 lb 4192 lb 3749 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 12818 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1241'					Rim to Invert: 12.1'		Slack: 2.2"		Sump: 2"		Step Position: 0°	
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset		
Invert 1												
Invert 2												
Invert 3												
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												
RIGHT-SIDE UP VIEW (int. dimensions)												
												
INSIDE WALL DIMENSIONS												
												
Coating (Int):				Seam Up: Tongue		Wall Thickness: 5"		Height (Int): 60"		Weight (Net): 4192 lb		
Coating (Ext):				Seam Dn: Groove		Floor Height: 0"		Height (Ext): 60"		Volume (Net): 1.07cu.yd		

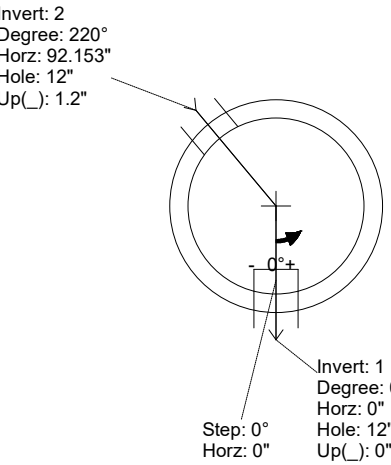
Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2		Plant: Beaver Dam	Tech: S. Felletter	
Job Location: London, KY Contractor: Endesol, Inc.		6/2/2026 2:58:22 PM	PC: E. Bradley	
Structure ID: B-6-5 SS-MH				
P3 MH048CN42CDARED		ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G		
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 12) MH Step ML-10-TDS-NCR - 10"		0 lb 3116 lb 4192 lb 3749 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb Structure Total: 12818 lb	<u>Structure Notes:</u> . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). . REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.	
				
				
Coating (Int): Coating (Ext):		Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5" Height (Ext): 42"	Weight (Net): 3116 lb Volume (Net): 0.8cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2 Job Location: London, KY Contractor: Endesol, Inc.					Plant: Beaver Dam 6/2/2026 2:57:48 PM		Tech: S. Felletter PC: E. Bradley				
Structure ID: B-5-6 SS-MH											
P1 MH048BA30CDARED			MH BASE w/ConBlock-CDA Red T/n								
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"						0 lb 2251 lb 2515 lb 3330 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.			
Structure Total: 9857 lb											
Rim: 1237' Rim to Invert: 9.1' Slack: 2.2' Sump: 2' Step Position: 0°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	1227.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"	
Invert 2	1228'	220°	111.352"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

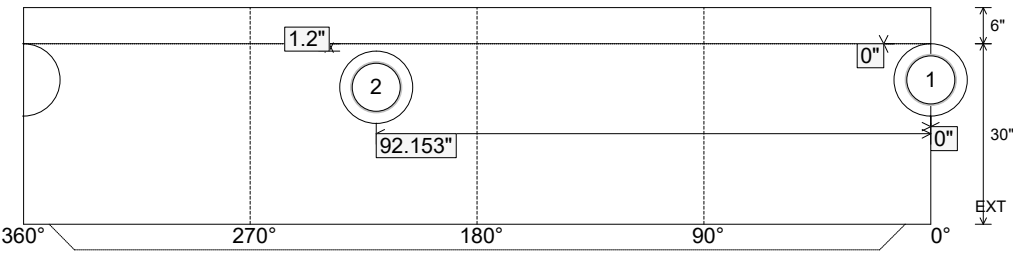
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. 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: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:57:48 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-5-6 SS-MH										
P1 MH048BA30CDARED					MH BASE w/ConBlock-CDA Red T/n					
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 2515 lb 3330 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 9857 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1237' Rim to Invert: 9.1' Slack: 2.2' Sump: 2' Step Position: 0°					Invert channel drawing Full height invert					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1227.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1228'	220°	111.352"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

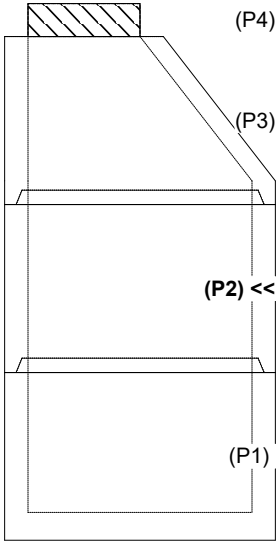
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

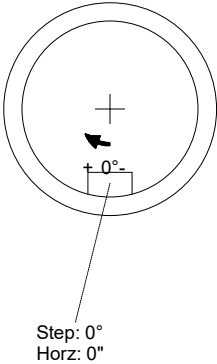
INSIDE WALL DIMENSIONS

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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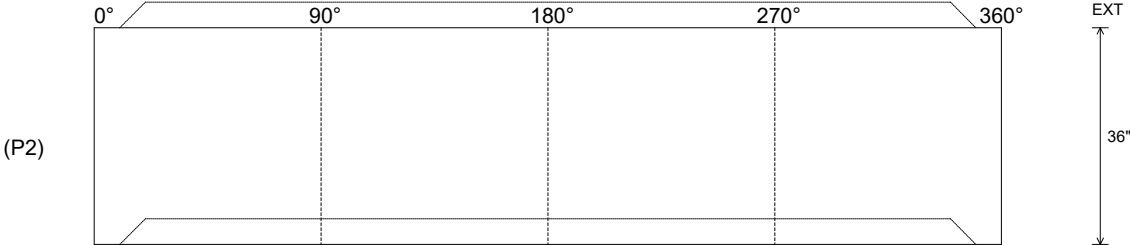
Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:59:09 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-5-6 SS-MH										
P2 MH048RS36CDARED					MH RISER w/ConBlock-CDA Red T/G					
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 2515 lb 3330 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 9857 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1237' Rim to Invert: 9.1' Slack: 2.2" Sump: 2" Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



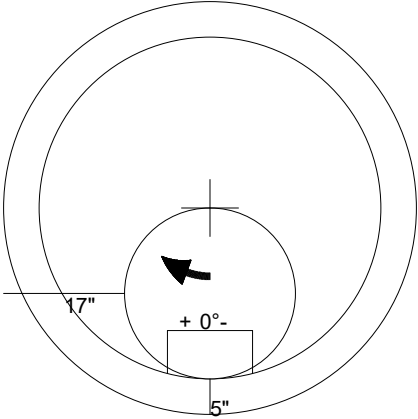
RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

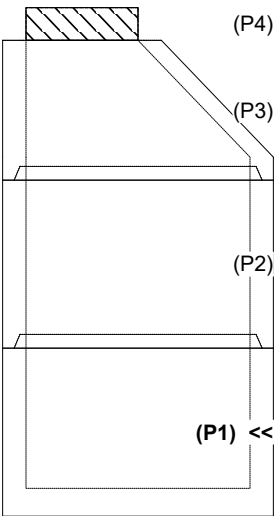
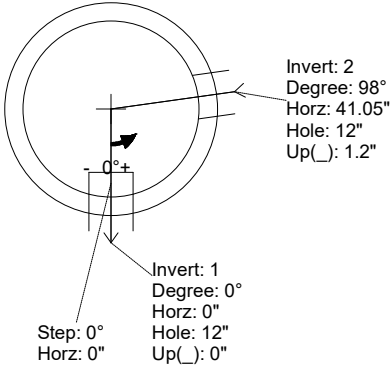
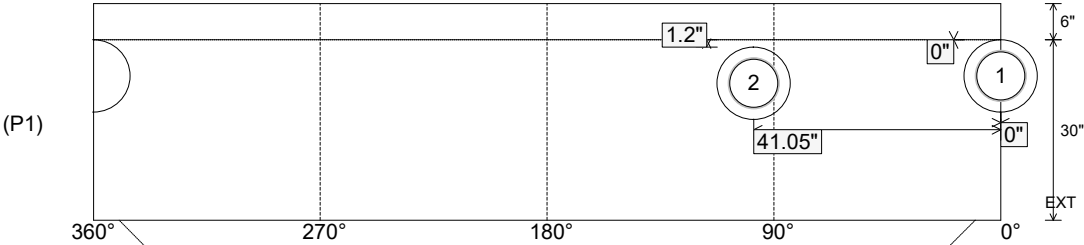


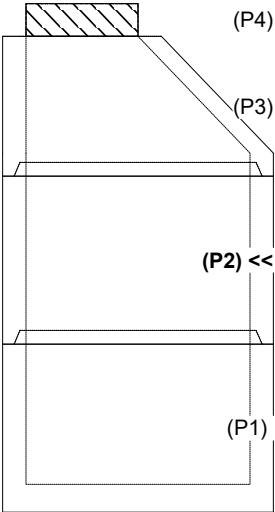
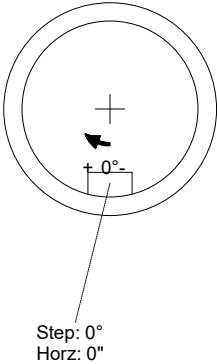
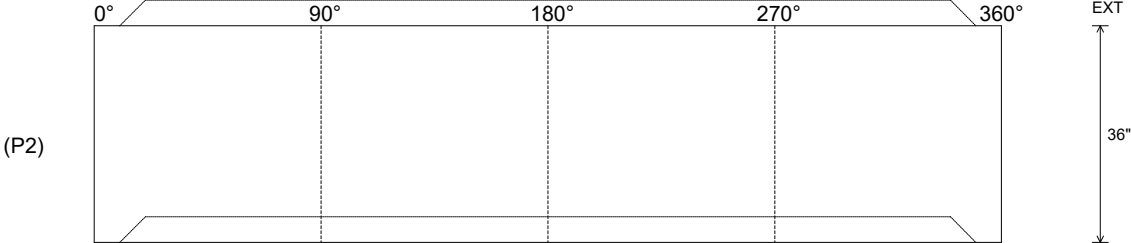
Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 36"	Weight (Net): 2515 lb
Coating (Ext):	Seam Dn: Groove	Floor Height: 0"	Height (Ext): 36"	Volume (Net): 0.64cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2		Plant: Beaver Dam	Tech: S. Felletter	
Job Location: London, KY Contractor: Endesol, Inc.		6/2/2026 2:58:22 PM	PC: E. Bradley	
Structure ID: B-5-6 SS-MH				
P3 MH048CN36CDARED		ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G		
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"		0 lb 2251 lb 2515 lb 3330 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 9857 lb	<u>Structure Notes:</u> . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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, w/ConBlock-CDA Red F/G - 36" - (P3) 				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 36"	Weight (Net): 2251 lb Volume (Net): 0.57cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:57:49 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-4-7 SS-MH										
P1 MH048BA30CDARED					MH BASE w/ConBlock-CDA Red T/n					
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 1961 lb 2515 lb 3330 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 9568 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1232.5' Rim to Invert: 8.6' Slack: 2.2' Sump: 2' Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1223.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1224'	98°	49.602"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

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: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:57:49 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-4-7 SS-MH										
P1 MH048BA30CDARED					MH BASE w/ConBlock-CDA Red T/n					
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 1961 lb 2515 lb 3330 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 9568 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1232.5' Rim to Invert: 8.6' Slack: 2.2" Sump: 2" Step Position: 0°					Invert channel drawing Full height invert					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1223.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1224'	98°	49.602"	8" PVC SDR35	8.5"	PSX 12-08 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. 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	

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:59:10 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-4-7 SS-MH										
P2 MH048RS36CDARED					MH RISER w/ConBlock-CDA Red T/G					
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 1961 lb 2515 lb 3330 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 9568 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1232.5' Rim to Invert: 8.6' Slack: 2.2" Sump: 2" Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										
RIGHT-SIDE UP VIEW (int. dimensions)										
										
INSIDE WALL DIMENSIONS										
										
Coating (Int):			Seam Up: Tongue		Wall Thickness: 5"		Height (Int): 36"		Weight (Net): 2515 lb	
Coating (Ext):			Seam Dn: Groove		Floor Height: 0"		Height (Ext): 36"		Volume (Net): 0.64cu.yd	

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2
Job Location: London, KY
Contractor: Endesol, Inc.

Plant: Beaver Dam
6/2/2026 2:58:23 PM

Tech: S. Felletter
PC: E. Bradley



Structure ID: B-4-7 SS-MH

P3 MH048CN30CDARED

ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G

- P4) 24" - CASTING HEIGHT - 7"
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36"
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) CASTING - HOE MC-350 F/C Sanitary
2) 48" - Con seal CS-102 1.00" (Double)
1) 24" - Con seal CS-102 1.00" (Double)
2) PSX - 12-08 NYLO
8) MH Step ML-10-TDS-NCR - 10"

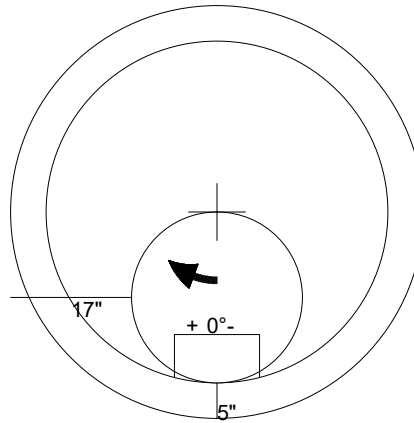
0 lb
1961 lb
2515 lb
3330 lb
0 lb
0 lb
1440 lb
305 lb
0 lb
0 lb
16 lb
0 lb

Structure Total: 9568 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY").

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, w/ConBlock-CDA Red F/G - 30" - (P3)



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

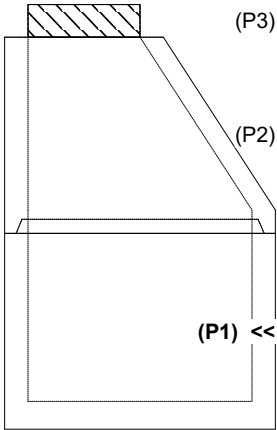
Wall Thickness: 5"

Height (Ext): 30"

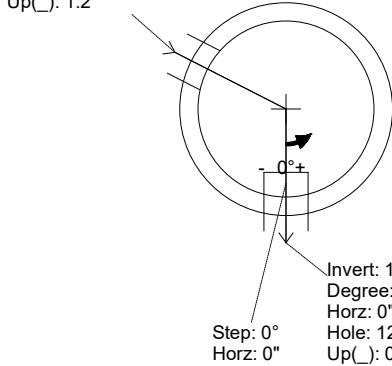
Weight (Net): 1961 lb
Volume (Net): 0.5cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2 Job Location: London, KY Contractor: Endesol, Inc.					Plant: Beaver Dam 6/2/2026 2:57:49 PM		Tech: S. Felletter PC: E. Bradley				
Structure ID: B-3-8 SS-MH											
P1 MH048BA36CDARED			MH BASE w/ConBlock-CDA Red T/n								
P3) 24" - CASTING HEIGHT - 7" P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 1) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 7) MH Step ML-10-TDS-NCR - 10"					0 lb 3116 lb 3749 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- 8627 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1220' Rim to Invert: 7.1' Slack: 2.2" Sump: 2" Step Position: 0°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	1212.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"	
Invert 2	1213'	243°	122.993"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

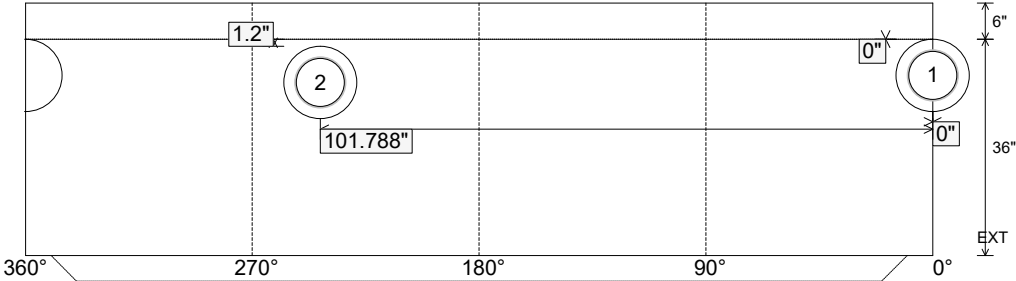
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 36" Height (Ext): 42"	Weight (Net): 3749 lb Volume (Net): 0.96cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2

Job Location: London, KY

Contractor: Endesol, Inc.

Plant: Beaver Dam

6/2/2026 2:57:49 PM

Tech: S. Felletter

PC: E. Bradley



Structure ID: B-3-8 SS-MH

P1 MH048BA36CDARED

MH BASE w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"

P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"

P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36"

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT

1) CASTING - HOE MC-350 F/C Sanitary

1) 48" - Conseal CS-102 1.00" (Double)

1) 24" - Conseal CS-102 1.00" (Double)

2) PSX - 12-08 NYLO

7) MH Step ML-10-TDS-NCR - 10"

0 lb

3116 lb

3749 lb

0 lb

0 lb

1440 lb

305 lb

0 lb

0 lb

16 lb

0 lb

Structure Total: 8627 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. ADMIXTURE = CONBLOCK CDA RED.

4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY").

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: 1220'

Rim to Invert: 7.1'

Slack: 2.2"

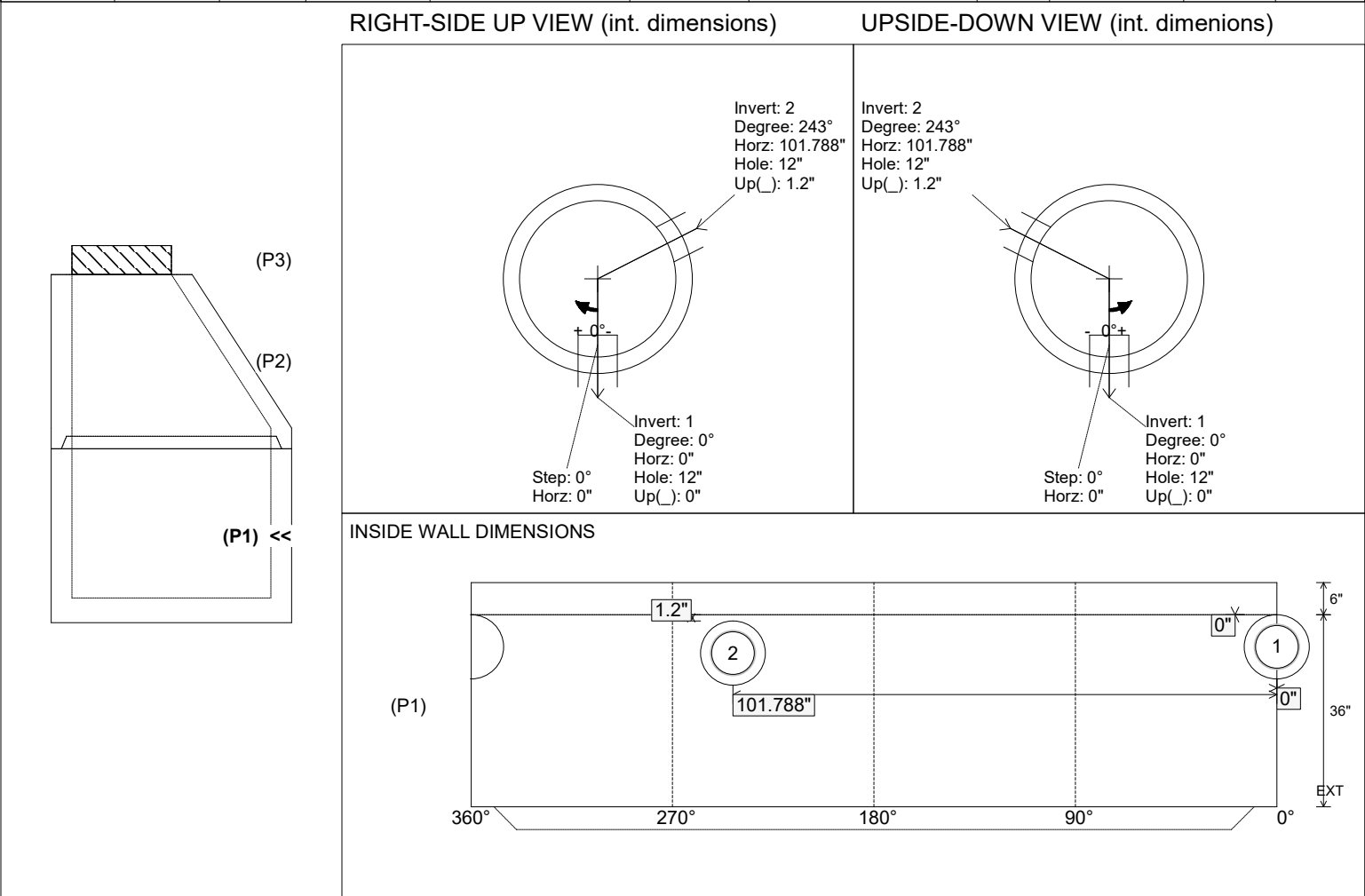
Sump: 2"

Step Position: 0°

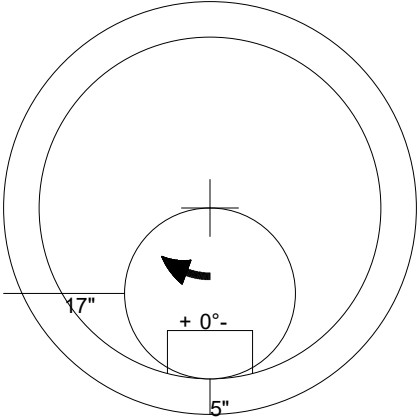
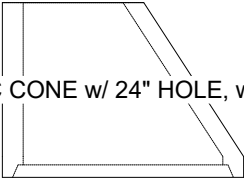
Invert channel drawing

Full height invert

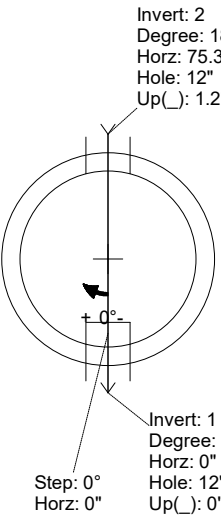
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1212.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1213'	243°	122.993"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



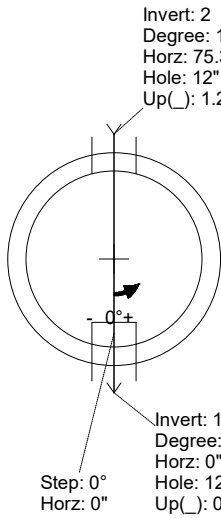
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 36" Height (Ext): 42"	Weight (Net): 3749 lb Volume (Net): 0.96cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2		Plant: Beaver Dam		Tech: S. Felletter		
Job Location: London, KY Contractor: Endesol, Inc.		6/2/2026 2:58:23 PM		PC: E. Bradley		
Structure ID: B-3-8 SS-MH						
P2 MH048CN42CDARED		ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G				
P3) 24" - CASTING HEIGHT - 7" P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 1) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 7) MH Step ML-10-TDS-NCR - 10"		0 lb 3116 lb 3749 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- 8627 lb		<u>Structure Notes:</u> . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). . 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, w/ConBlock-CDA Red F/G - 42" - (P2)						
Coating (Int): Coating (Ext):		Seam Up: Flat Seam Dn: Groove		Wall Thickness: 5" Height (Ext): 42"		Weight (Net): 3116 lb Volume (Net): 0.8cu.yd

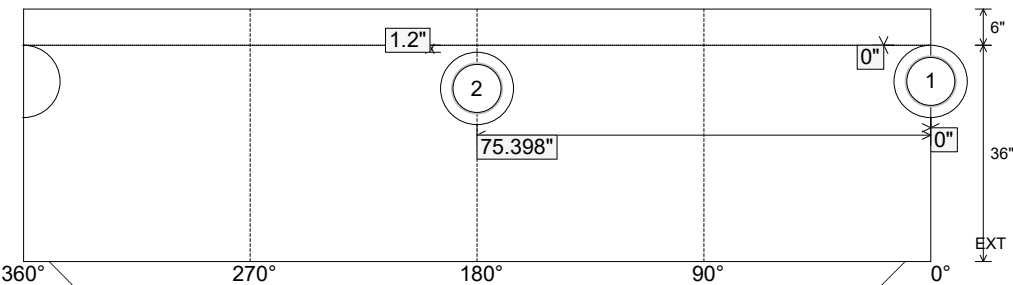
Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2 Job Location: London, KY Contractor: Endesol, Inc.					Plant: Beaver Dam 6/2/2026 2:57:50 PM		Tech: S. Felletter PC: E. Bradley				
Structure ID: B-2-9 SS-MH											
P1 MH048BA36CDARED			MH BASE w/ConBlock-CDA Red T/n								
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 12) MH Step ML-10-TDS-NCR - 10"					0 lb 3116 lb 4192 lb 3749 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1218' Rim to Invert: 12.1' Slack: 2.2" Sump: 2" Step Position: 0°					Structure Total: 12818 lb						
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	1205.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"	
Invert 2	1206'	180°	91.106"	8" PVC SDR35	8.5"	PSX 12-08 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)



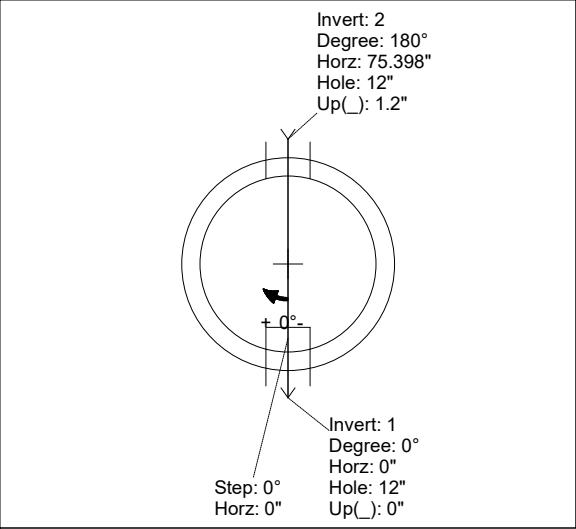
UPSIDE-DOWN VIEW (int. dimensions)



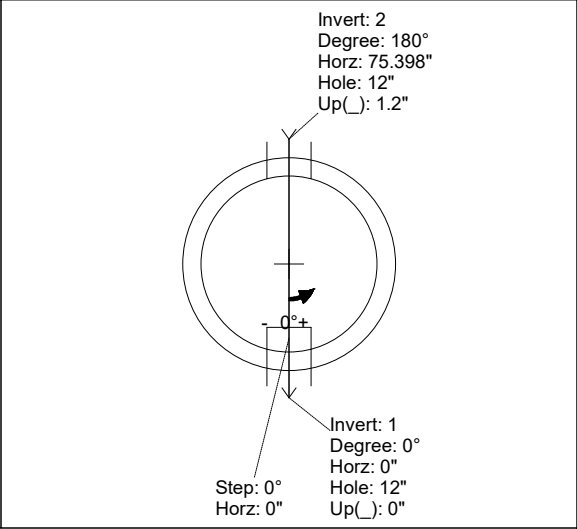
INSIDE WALL DIMENSIONS

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 36" Height (Ext): 42"	Weight (Net): 3749 lb Volume (Net): 0.96cu.yd
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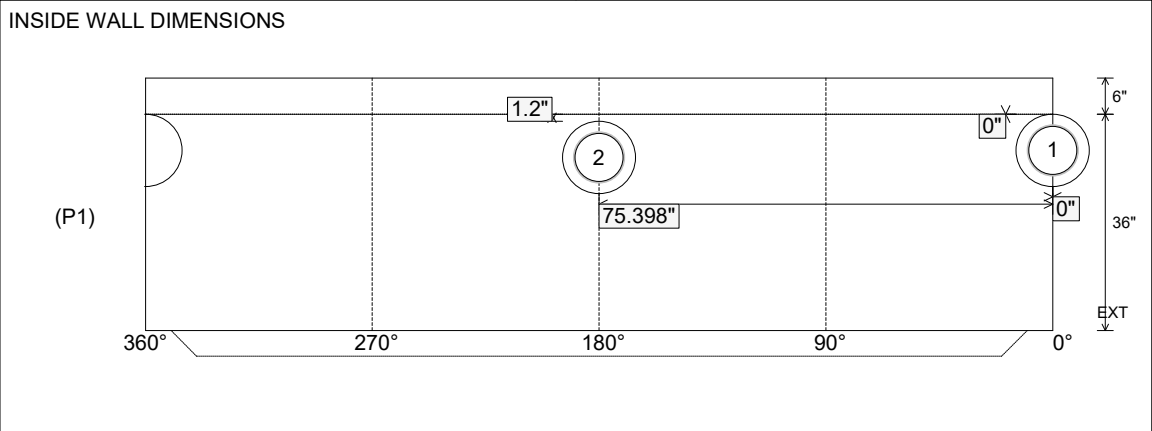
Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:57:50 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-2-9 SS-MH										
P1 MH048BA36CDARED					MH BASE w/ConBlock-CDA Red T/n					
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 12) MH Step ML-10-TDS-NCR - 10"					0 lb 3116 lb 4192 lb 3749 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 12818 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1218' Rim to Invert: 12.1' Slack: 2.2' Sump: 2' Step Position: 0°					Invert channel drawing Full height invert					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1205.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1206'	180°	91.106"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



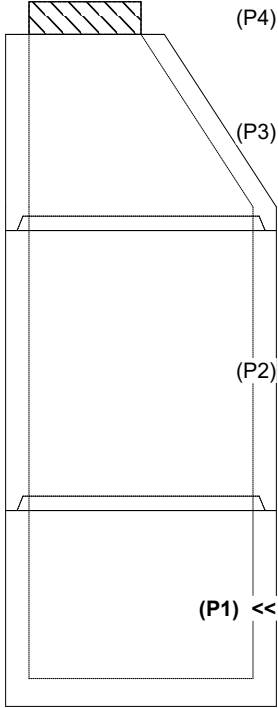
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



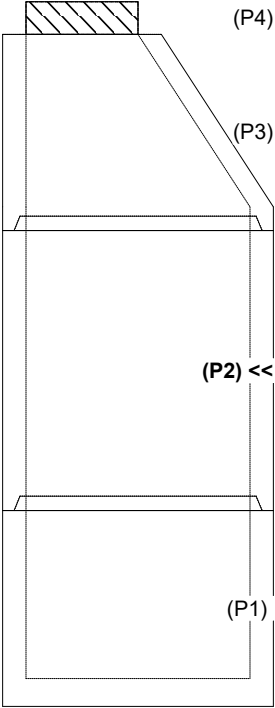
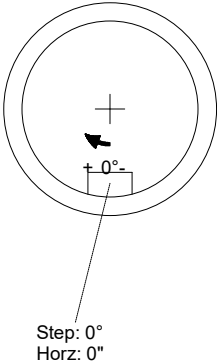
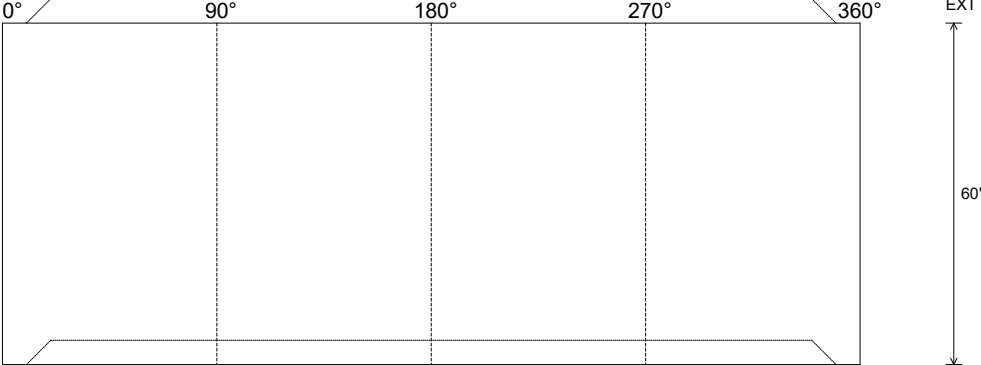
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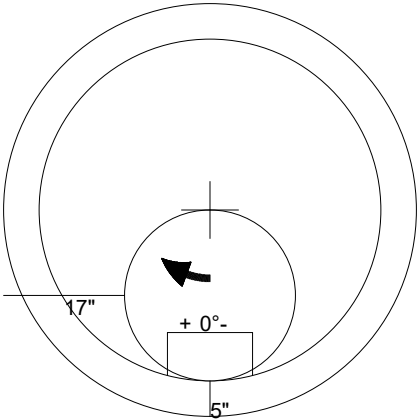
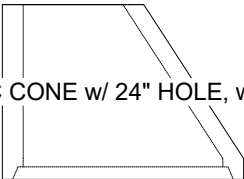
(P3)

(P2)

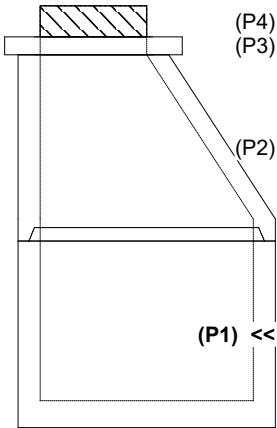
(P1) <<

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 36" Height (Ext): 42"	Weight (Net): 3749 lb Volume (Net): 0.96cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter					
Job Location: London, KY					6/2/2026 2:59:10 PM		PC: E. Bradley					
Contractor: Endesol, Inc.												
Structure ID: B-2-9 SS-MH												
P2 MH048RS60CDARED MH RISER w/ConBlock-CDA Red T/G												
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 12) MH Step ML-10-TDS-NCR - 10"					0 lb 3116 lb 4192 lb 3749 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 12818 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1218'					Rim to Invert: 12.1'		Slack: 2.2"		Sump: 2"		Step Position: 0°	
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset		
Invert 1												
Invert 2												
Invert 3												
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												
RIGHT-SIDE UP VIEW (int. dimensions)												
												
INSIDE WALL DIMENSIONS												
												
Coating (Int):			Seam Up: Tongue		Wall Thickness: 5"		Height (Int): 60"		Weight (Net): 4192 lb			
Coating (Ext):			Seam Dn: Groove		Floor Height: 0"		Height (Ext): 60"		Volume (Net): 1.07cu.yd			

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2		Plant: Beaver Dam		Tech: S. Felletter		
Job Location: London, KY Contractor: Endesol, Inc.		6/2/2026 2:58:23 PM		PC: E. Bradley		
Structure ID: B-2-9 SS-MH						
P3 MH048CN42CDARED		ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G				
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 12) MH Step ML-10-TDS-NCR - 10"		0 lb 3116 lb 4192 lb 3749 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb Structure Total: 12818 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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, w/ConBlock-CDA Red F/G - 42" - (P3)						
Coating (Int): Coating (Ext):		Seam Up: Flat Seam Dn: Groove		Wall Thickness: 5" Height (Ext): 42"		Weight (Net): 3116 lb Volume (Net): 0.8cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:57:51 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-1-10 SS-MH										
P1 MH048BA36CDARED					MH BASE w/ConBlock-CDA Red T/n					
P4) 24" - CASTING HEIGHT - 7" P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4" P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) SPECIAL EXTERNAL COATING - GRADE RING 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 1) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 7) MH Step ML-10-TDS-NCR - 10"					0 lb 270 lb 3116 lb 3749 lb 0 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 8897 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 5. EXTERNAL BITUMINOUS COATING REQUIRED FOR GRADE RING. 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: 1211.5' Rim to Invert: 7.3' Slack: 0.6" Sump: 2" Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1204.2'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1204.3'	270°	136.659"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



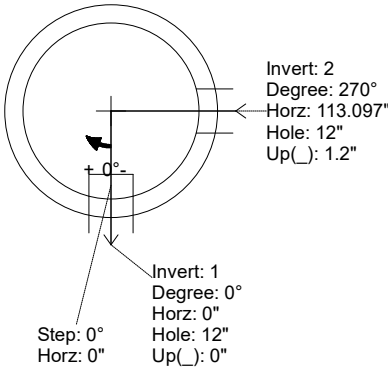
(P4)

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

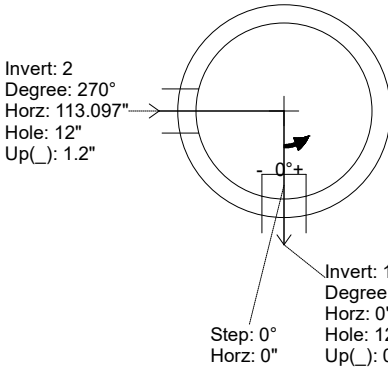


Invert: 2
Degree: 270°
Horz: 113.097"
Hole: 12"
Up(): 1.2"

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

Step: 0°
Horz: 0"

UPSIDE-DOWN VIEW (int. dimensions)

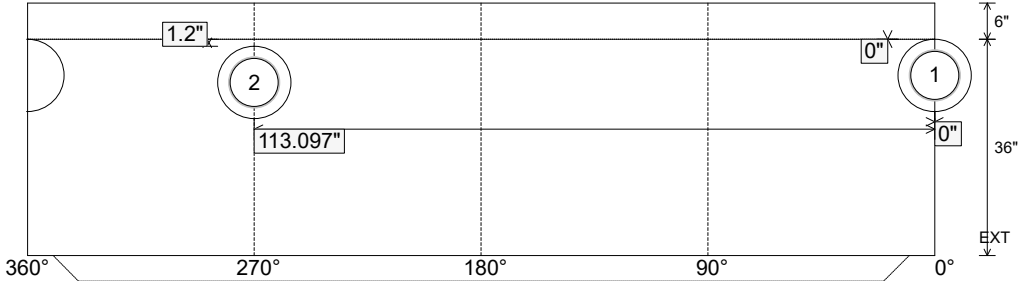


Invert: 2
Degree: 270°
Horz: 113.097"
Hole: 12"
Up(): 1.2"

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

Step: 0°
Horz: 0"

INSIDE WALL DIMENSIONS



(P1)

1.2"

113.097"

36"

6"

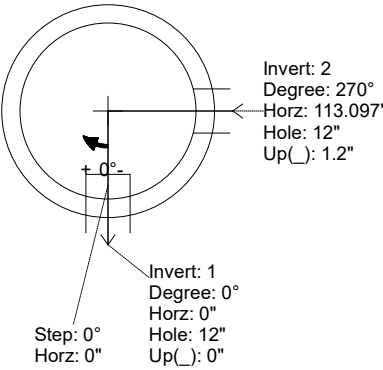
EXT

360° 270° 180° 90° 0°

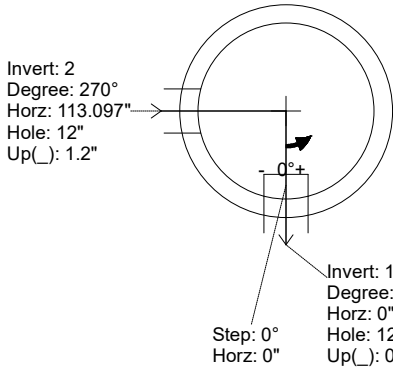
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 36" Height (Ext): 42"	Weight (Net): 3749 lb Volume (Net): 0.96cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter			
Job Location: London, KY					6/2/2026 2:57:51 PM		PC: E. Bradley			
Contractor: Endesol, Inc.										
Structure ID: B-1-10 SS-MH										
P1 MH048BA36CDARED					MH BASE w/ConBlock-CDA Red T/n					
P4) 24" - CASTING HEIGHT - 7" P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4" P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) SPECIAL EXTERNAL COATING - GRADE RING 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 1) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 7) MH Step ML-10-TDS-NCR - 10"					0 lb 270 lb 3116 lb 3749 lb 0 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 8897 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 5. EXTERNAL BITUMINOUS COATING REQUIRED FOR GRADE RING. REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W. Invert channel drawing Full height invert			
Rim: 1211.5' Rim to Invert: 7.3' Slack: 0.6" Sump: 2" Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1204.2'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1204.3'	270°	136.659"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

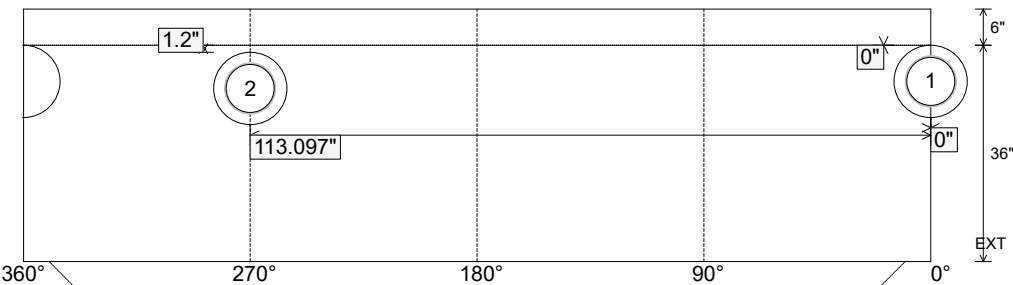
RIGHT-SIDE UP VIEW (int. dimensions)



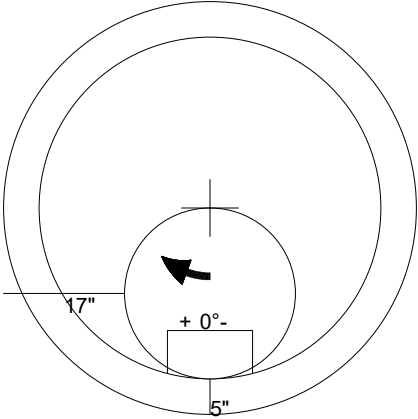
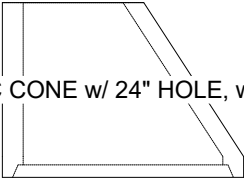
UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 36" Height (Ext): 42"	Weight (Net): 3749 lb Volume (Net): 0.96cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2		Plant: Beaver Dam		Tech: S. Felletter		
Job Location: London, KY Contractor: Endesol, Inc.		6/2/2026 2:58:24 PM		PC: E. Bradley		
Structure ID: B-1-10 SS-MH						
P2 MH048CN42CDARED		ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G				
P4) 24" - CASTING HEIGHT - 7" P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4" P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) SPECIAL EXTERNAL COATING - GRADE RING 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 1) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 7) MH Step ML-10-TDS-NCR - 10"		0 lb 270 lb 3116 lb 3749 lb 0 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 16 lb 0 lb ----- 8897 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 5. EXTERNAL BITUMINOUS COATING REQUIRED FOR GRADE RING. 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, w/ConBlock-CDA Red F/G - 42" - (P2)						
Coating (Int): Coating (Ext):		Seam Up: Flat Seam Dn: Groove		Wall Thickness: 5" Height (Ext): 42"		Weight (Net): 3116 lb Volume (Net): 0.8cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2
Job Location: London, KY
Contractor: Endesol, Inc.

Plant: Beaver Dam
6/2/2026 2:58:24 PM

Tech: S. Felletter
PC: E. Bradley



Structure ID: B-1-10 SS-MH

P3 GR4CDARED

GRADE RING w/ConBlock-CDA Red F/F

- P4) 24" - CASTING HEIGHT - 7"
P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) SPECIAL EXTERNAL COATING - GRADE RING
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) CASTING - HOE MC-350 F/C Sanitary
1) 48" - Conseal CS-102 1.00" (Double)
2) 24" - Conseal CS-102 1.00" (Double)
2) PSX - 12-08 NYLO
7) MH Step ML-10-TDS-NCR - 10"

Structure Total:

0 lb
270 lb
3116 lb
3749 lb
0 lb
0 lb
0 lb
1440 lb
305 lb
0 lb
0 lb
16 lb
0 lb

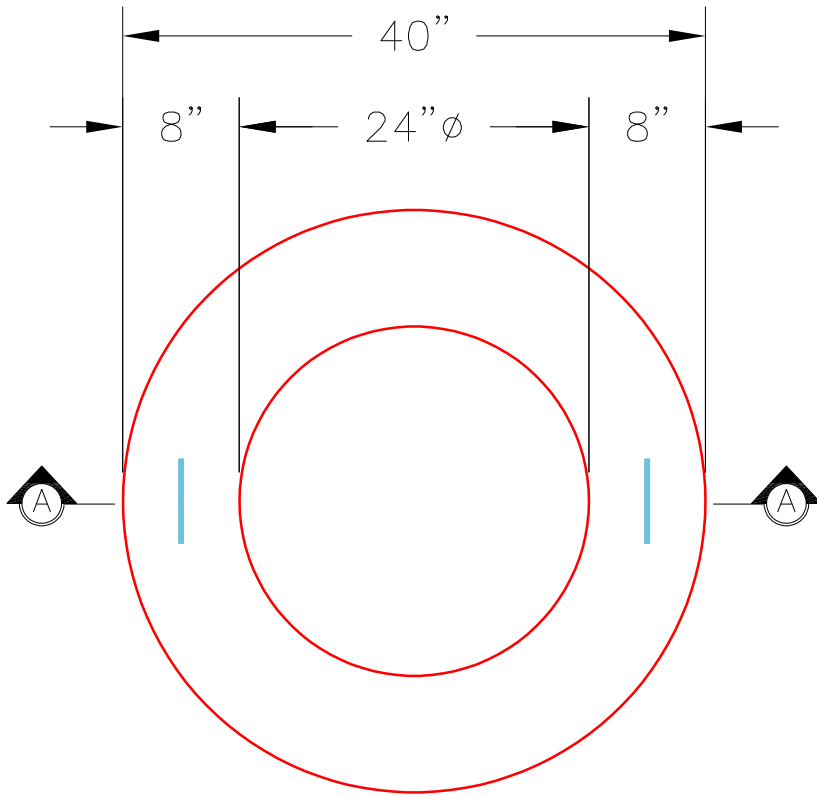
8897 lb

Structure Notes:

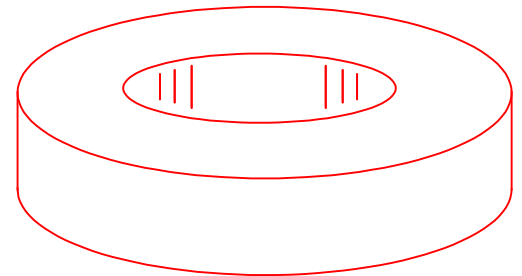
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY").
 5. EXTERNAL BITUMINOUS COATING REQUIRED FOR GRADE RING.
- REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

NOTES:

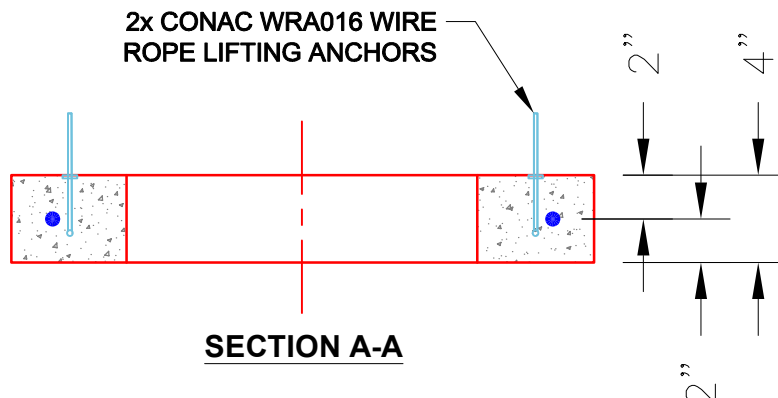
1. GRADE RINGS MEET OR EXCEED THE FOLLOWING SPECIFICATIONS
-CONCRETE: 4,000 PSI @ 28 DAYS
-REINFORCING: (1) #3 HOOP CENTERED (GRADE 60)
2. WEIGHT: 4" 270 LBS.
3. ADMIXTURE: CONBLOCK-CDA RED



PLAN VIEW



ISOMETRIC VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

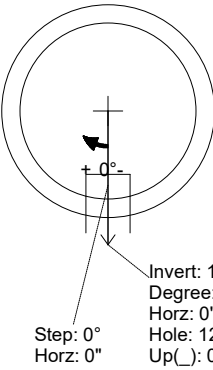
Wall Thickness: 8"

Height (Ext): 4"

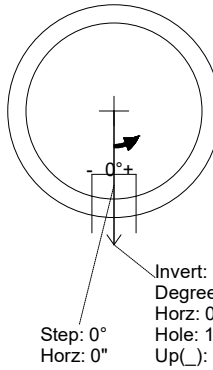
Weight (Net): 270 lb
Volume (Net): 0.07cu.yd

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2 Job Location: London, KY Contractor: Endesol, Inc.					Plant: Beaver Dam 6/2/2026 2:57:51 PM		Tech: S. Felletter PC: E. Bradley				
Structure ID: C-1-12 SS-MH											
P1 MH048BA30CDARED				MH BASE w/ConBlock-CDA Red T/n							
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 2515 lb 3378 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 8 lb 0 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.				
Structure Total: 9897 lb											
Rim: 1243' Rim to Invert: 9.1' Slack: 2.2" Sump: 2" Step Position: 0°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	1233.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

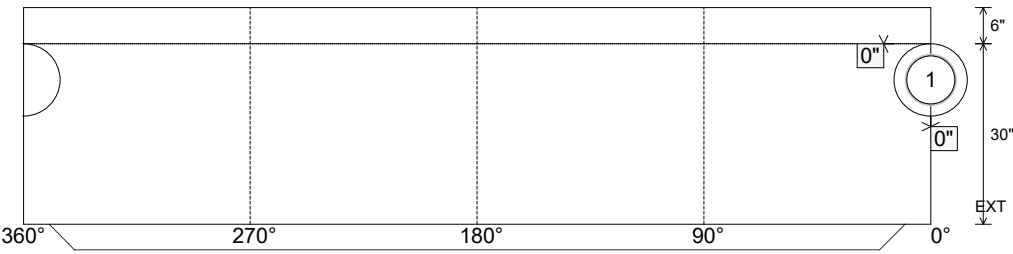
RIGHT-SIDE UP VIEW (int. dimensions)



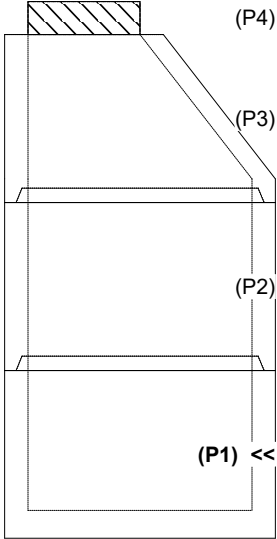
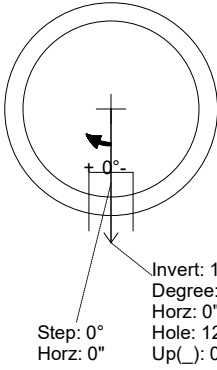
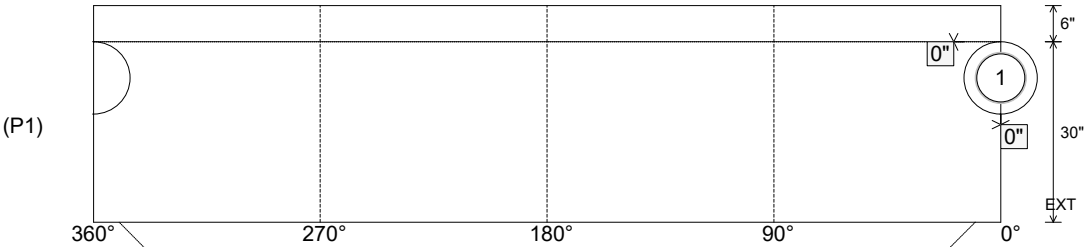
UPSIDE-DOWN VIEW (int. dimensions)



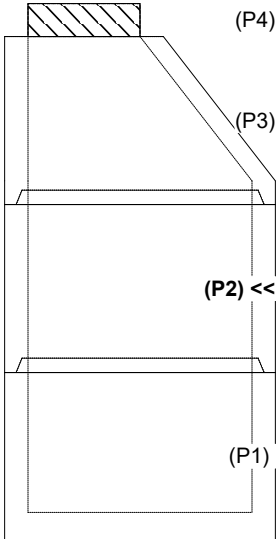
INSIDE WALL DIMENSIONS



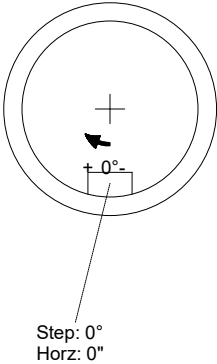
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3378 lb Volume (Net): 0.86cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2					Plant: Beaver Dam		Tech: S. Felletter					
Job Location: London, KY					6/2/2026 2:57:51 PM		PC: E. Bradley					
Contractor: Endesol, Inc.												
Structure ID: C-1-12 SS-MH												
P1 MH048BA30CDARED					MH BASE w/ConBlock-CDA Red T/n							
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 2515 lb 3378 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 8 lb 0 lb ----- Structure Total: 9897 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1243' Rim to Invert: 9.1' Slack: 2.2" Sump: 2" Step Position: 0°					Invert channel drawing Full height invert							
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	1233.9'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"		
Invert 2												
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): 3378 lb Volume (Net): 0.86cu.yd	

Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2 Job Location: London, KY Contractor: Endesol, Inc.					Plant: Beaver Dam 6/2/2026 2:59:11 PM		Tech: S. Felletter PC: E. Bradley				
Structure ID: C-1-12 SS-MH											
P2 MH048RS36CDARED			MH RISER w/ConBlock-CDA Red T/G								
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"					0 lb 2251 lb 2515 lb 3378 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 8 lb 0 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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: 1243' Rim to Invert: 9.1' Slack: 2.2" Sump: 2" Step Position: 0°					Structure Total: 9897 lb						
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1											
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

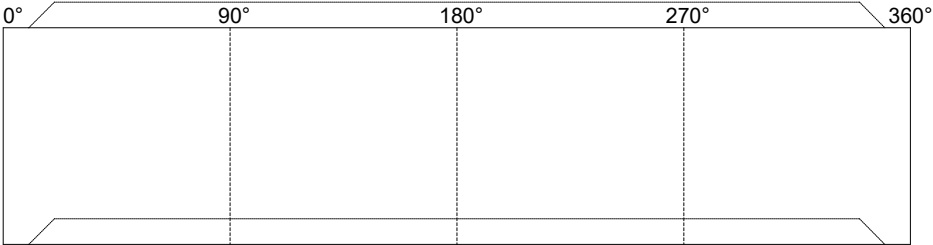


RIGHT-SIDE UP VIEW (int. dimensions)



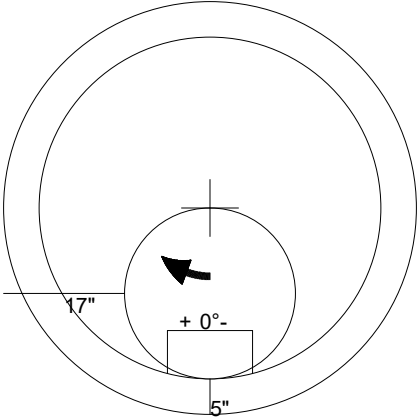
Step: 0°
Horz: 0"

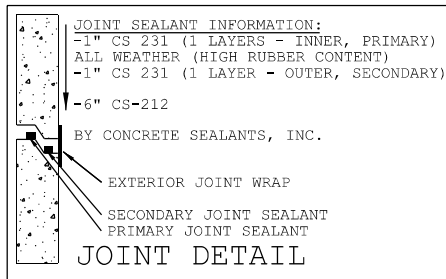
INSIDE WALL DIMENSIONS



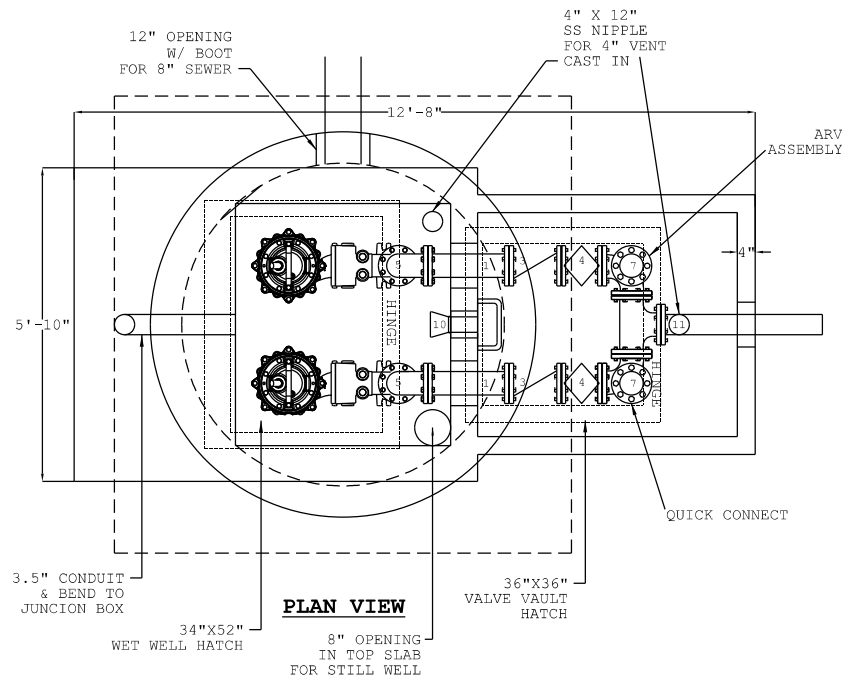
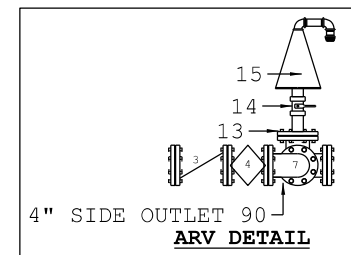
EXT 36"

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 2515 lb Volume (Net): 0.64cu.yd
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Job Name: 26-1355 Sinking Creek Rd Sanitary Sewer Ext. Ph. 2		Plant: Beaver Dam		Tech: S. Felletter		
Job Location: London, KY Contractor: Endesol, Inc.		6/2/2026 2:58:25 PM		PC: E. Bradley		
Structure ID: C-1-12 SS-MH						
P3 MH048CN36CDARED		ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G				
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - HOE MC-350 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-08 NYLO 8) MH Step ML-10-TDS-NCR - 10"		0 lb 2251 lb 2515 lb 3378 lb 0 lb 0 lb 1440 lb 305 lb 0 lb 0 lb 8 lb 0 lb ----- Structure Total: 9897 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING BY ICAST (HOE MC-350 F/C "SANITARY"). 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, w/ConBlock-CDA Red F/G - 36" - (P3) 						
Coating (Int): Coating (Ext):		Seam Up: Flat Seam Dn: Groove		Wall Thickness: 5" Height (Ext): 36"		Weight (Net): 2251 lb Volume (Net): 0.57cu.yd

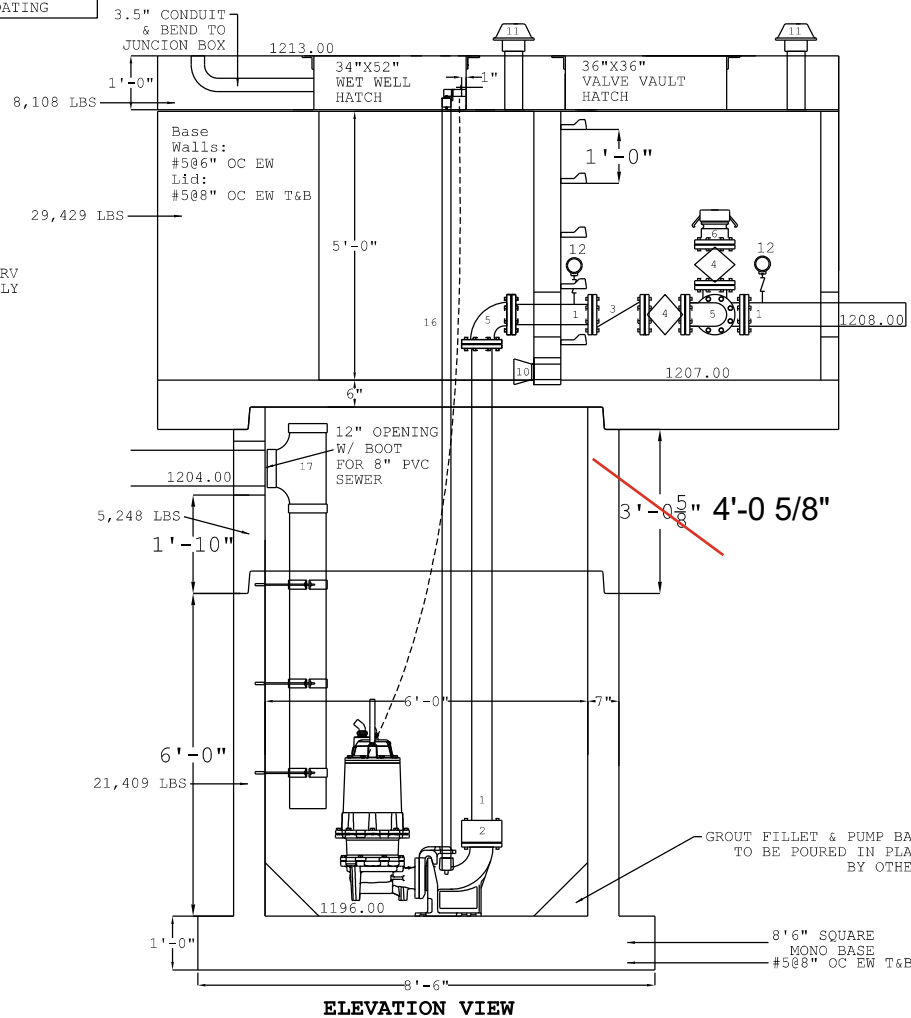


- 1 - 4" DI PIPE
 - 2 - 4" RFCA W/ SS HARDWARE
 - 3 - 4" FLANGED CHECK VALVE
 - 4 - 4" FLANGED PLUG VALVE
 - 5 - 4" FLANGED 90
 - 6 - 4" ALUM FLANGE ADAPTER X FLANGE W/ CAP
 - 7 - 4" FLANGED SIDE OUTLET 90
 - 8 - 36"X36" ALUM. HATCH
 - 9 - 34"X52" ALUM. HATCH W/ SAFETY GRATING
 - 10 - 2" TIDEFLEX CHECK VALVE
 - 11 - 4" MUSHROOM VENT W/ SS304 NIPPLE
 - 12 - PRESSURE GAUGE ASSEMBLY
 - 13 - 4"X2" COMPANION FLANGE
 - 14 - 2" SS304 BALL VALVE & NIPPLE
 - 15 - 2" ARI D025 COMBO ARV
 - 16 - 1.5" SS304 GUIDERAIL PIPE
 - 17 - 8" SDR 35 PVC TEE, PIPE & SS WALL CLAMPS
- NOTE: ALL DUCTILE IRON PIPE AND FITTINGS SHALL RECEIVE TNEC 431 LINER & COATING

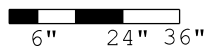


CONCRETE MIX DESIGN:
 5,000 PSI @ 28 DAYS
 XYPEX RED ADMIXTURE

CARBOLINE 300M COATING:
 EXTERIOR WALLS
 +
 INTERIOR WALLS
 BOTTOM OF TOP SLAB IN WET WELL AREA
 BOTTOM OF COMBO SECTION IN WET WELL AREA



GRAPHIC SCALE



PROJECT INFORMATION

OWNER: LONDON UTILITY COMMISSION
ENGINEER: ECLIPSE ENGINEERS

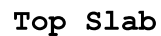
DRAWING INFORMATION

DRAWING BY: J.H. ROSS, PE
DATE: MARCH 23, 2026
REV. DATE: N/A

**SINKING CREEK PH 2
 6' DIA PRE-ENGINEERED
 PACKAGE PUMP STATION**

ENDESOL, INC.
 981 WEST SEVENTH STREET
 BEAVER DAM, KENTUCKY 42320

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Base
Walls:
#5@6" OC EW
Lid:
#5@8" OC EW T&B
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CARBOLINE 300M COATING, TWO COATS:
ALL INTERIOR WALLS
BOTTOM OF TOP SLAB IN WET WELL AREA
BOTTOM OF COMBO SECTION IN WET WELL AREA