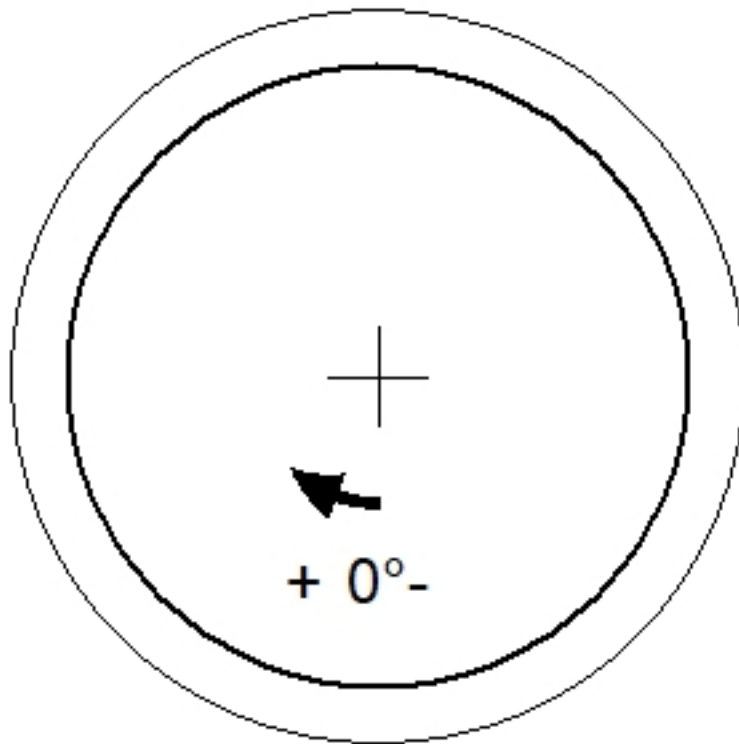
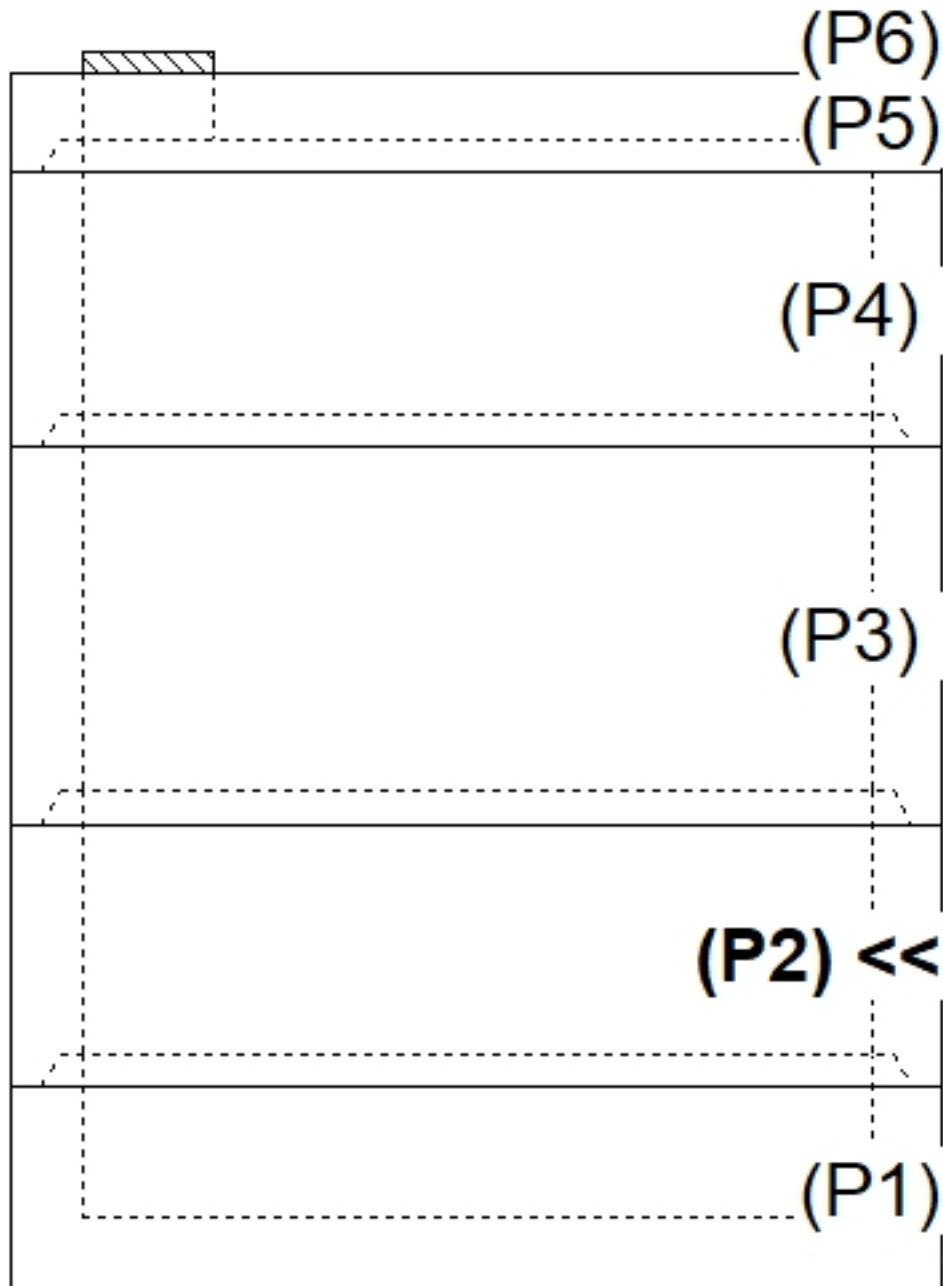
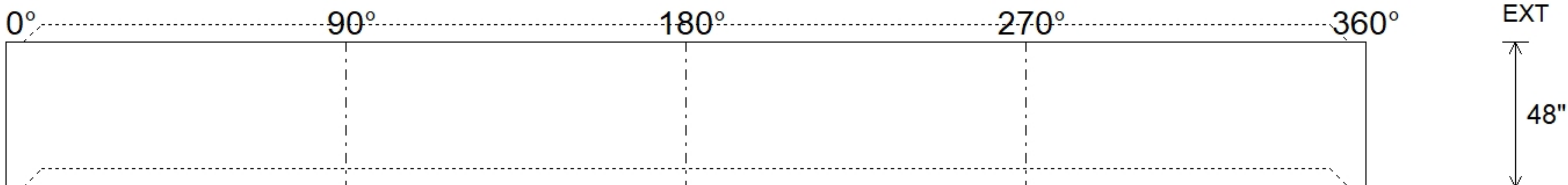


Job Name: 26-2722 863539 South Oldham High School Job Location: Crestwood, KY Contractor: Contech Engineering Solutions						Plant: Beaver Dam 7/8/2026 9:14:25 AM		Tech: S. Felletter PC: C. Goff					
Structure ID: 30-CS-12													
P2		MH144RS48			MH RISER T/G								
P6) 24" - CASTING HEIGHT - 4" P5) 144" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18" P4) 144" - MH RISER Custom Ht T/G - 50" P3) 144" - MH RISER Custom Ht T/G - 69" P2) 144" - MH RISER T/G - 48" P1) 144" - MH MONOBASE 14F, Custom Ht T/n - 24" 1) ASSEMBLY REQUIRED - BRACKETS ONLY 1) CVSTENCILING 4) 144" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 1) Hole - 36 1) Hole - 24 2) Hole - 20 1) Hole - 8						0 lb 23623 lb 25664 lb 36004 lb 25826 lb 39578 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb ----- 150696 lb		Structure Notes: . 4" CASTING BY OTHERS . LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE . ICAST TO INSTALL BRACKETS ONLY . CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE					
Rim: 754.15' Rim to Invert: 9.06' Slack: 3.756" Sump: 108.036" 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) 													
(P2) << 													
INSIDE WALL DIMENSIONS 													
Coating (Int): Coating (Ext):			Seam Up: Tongue Seam Dn: Groove		Wall Thickness: 13" Floor Height: 0"		Height (Int): 48" Height (Ext): 48"		Weight (Net): 25826 lb Volume (Net): 6.6cu.yd				

Job Name: 26-2736 ADS UA Local 52

Job Location: Louisville, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

7/9/2026 9:09:21 AM

Tech: S. Felletter

PC: T. Ryan



Structure ID: S216

P2 MH036RS72

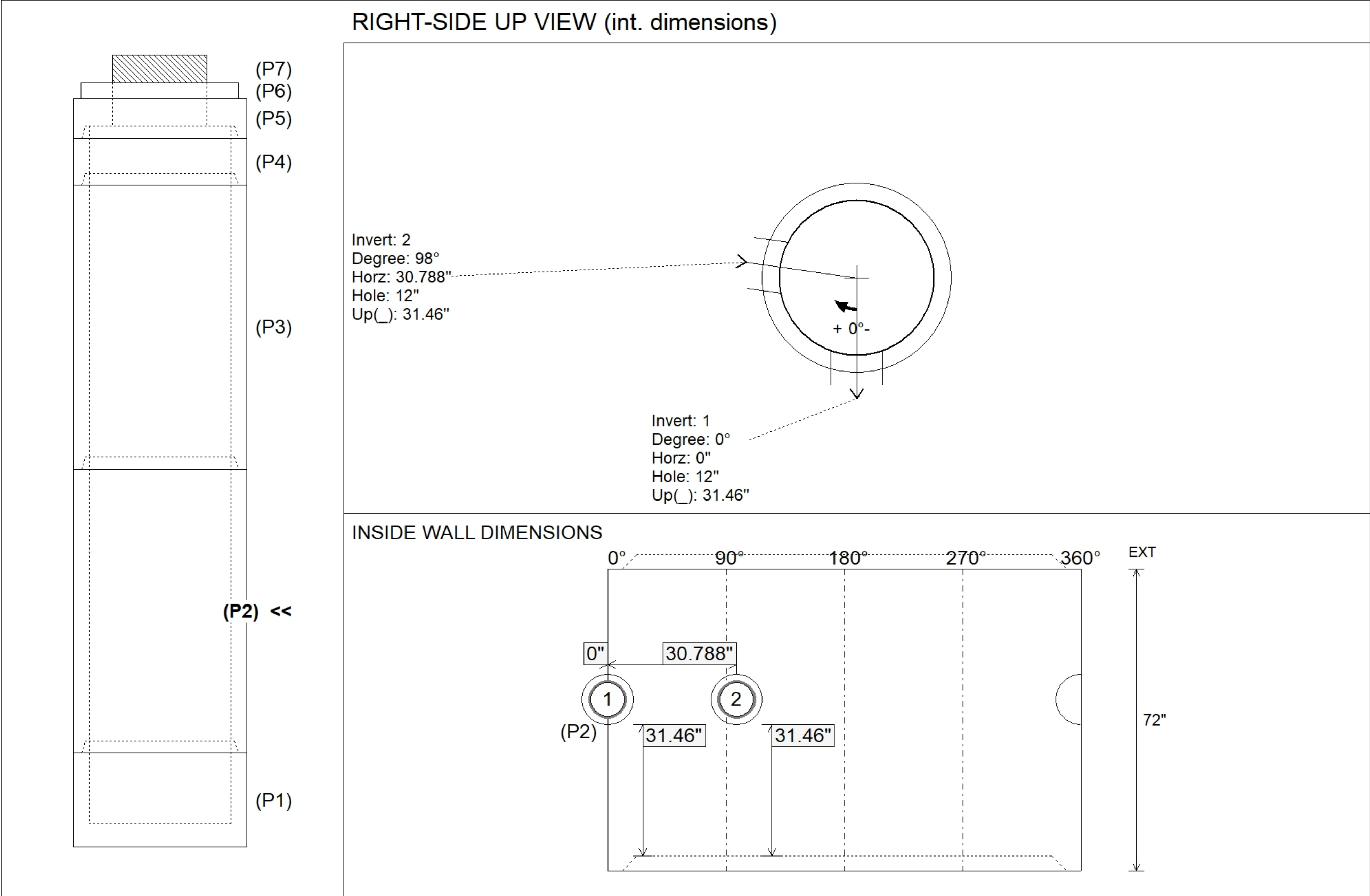
MH RISER T/G

P7) 24" - CASTING HEIGHT - 7"	0 lb	Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE MC-375 F/C "STORM"). . REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
P6) 24" - GRADE RING F/F - 4"	270 lb	
P5) 36" - MH FLAT TOP w/ 24" Ctr. Hole F/G - 10"	896 lb	
P4) 36" - MH RISER T/G - 12"	506 lb	
P3) 36" - MH RISER T/G - 72"	3037 lb	
P2) 36" - MH RISER T/G - 72"	2960 lb	
P1) 36" - MH BASE T/n - 18"	1525 lb	
1) ASSEMBLY REQUIRED	0 lb	
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb	
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb	
1) CASTING - HOE MC-375 F/C Storm	271 lb	
4) 36" - Conseal CS-102 1.00" (Double)	0 lb	
2) 24" - Conseal CS-102 1.00" (Double)	0 lb	
2) Hole - 12	0 lb	

Structure Total:	9465 lb	

Rim: 549.59'	Rim to Invert: 11.71'	Slack: 0.48"	Sump: 54.96"	Step Position:
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Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	537.88'	0°	0"	8" HDPE	9.1"	Hole 12	12"	12.234"	31.46"	0"
Invert 2	537.88'	98°	37.629"	8" HDPE	9.1"	Hole 12	12"	12.234"	31.46"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 4" Floor Height: 0"	Height (Int): 72" Height (Ext): 72"	Weight (Net): 2960 lb Volume (Net): 0.76cu.yd
----------------------------------	------------------------------------	--	--	--

Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320)
Job Location: Independence, KY
Contractor: Eaton Asphalt

Plant: 100
6/30/2026 2:47:17 PM

Tech: Jared - A
PC: J. Jarvis



Structure ID: 603

P3 MH048RS36

MH RISER

- P5) 24" - CASTING HEIGHT - 8"
P4) 48" - ECC CONE w/ 24" HOLE - 36"
P3) 48" - MH RISER - 36"
P2) 48" - MH RISER - 60"
P1) 48" - MH BASE Custom Ht - 70"
1) CASTING - HOE KY-510 F/C (KY TY.2)
3) 48" - Con Seal CS-102 1.00"
3) Hole - 24
17) MH Step ML-10-TDS-NCR - 10"

- 0 lb
3000 lb
2515 lb
4192 lb
5629 lb
510 lb
0 lb
0 lb
0 lb

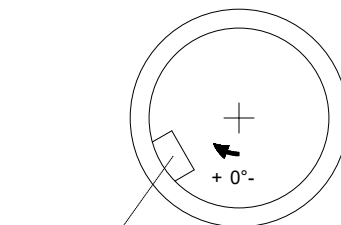
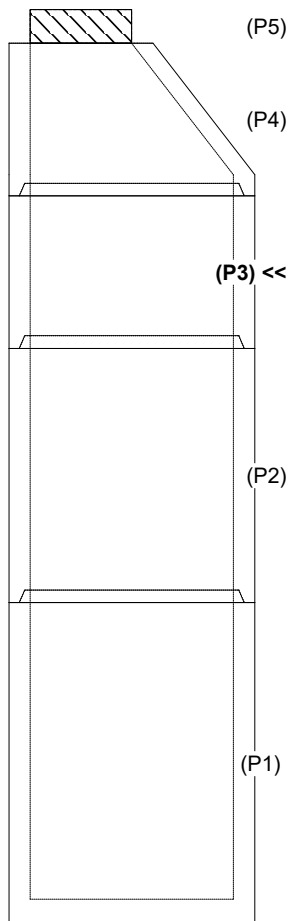
15845 lb
- Structure Notes: .
KYTC STATE PROJECT
1. HOE KY-510 F/C (KY TY2) PROVIDED BY ICAST.
2. PER KYTC MH A / ASTM C478 SPEC'S.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60.)
- CONE (As .62)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 15845 lb

Rim: 919.02' Rim to Invert: 17.32' Slack: 0.84" Sump: 3" Step Position: 0°

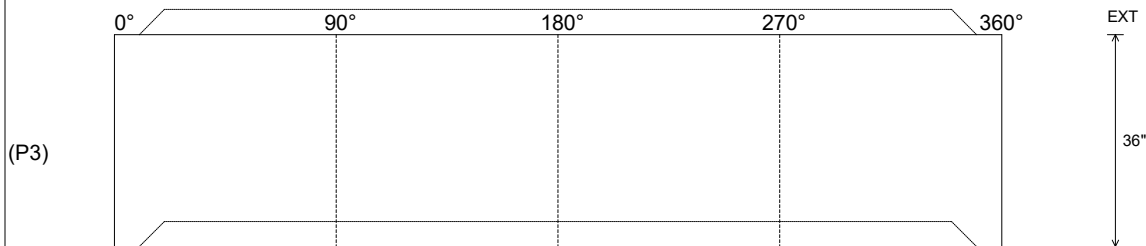
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



Step: 60°
Horz: 25.133"

INSIDE WALL DIMENSIONS



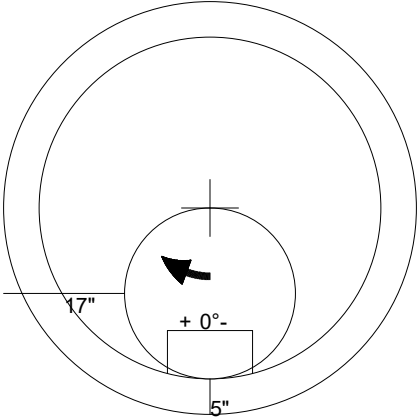
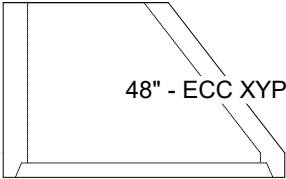
Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

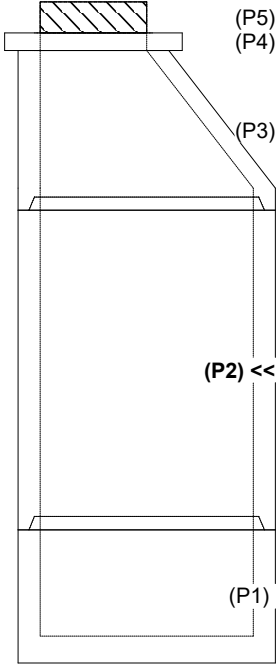
Wall Thickness: 5"
Floor Height: 0"

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

Weight (Net): 2515 lb
Volume (Net): 0.64cu.yd

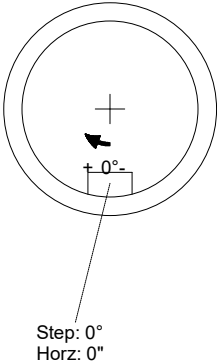
Job Name: 25-4288 - Project Wave Job Location: Franklin, KY 42134 Contractor: Cumberland Pipeline LLC		Plant: 100 7/10/2026 8:15:42 AM	Tech: Jared - A PC: Erica Bradley	
Structure ID: A5				
P3 MH048CN36X		ECC XYPEX CONE w/ 24" HOLE		
P5) 24" - CASTING HEIGHT - 7" P4) 24" - XYPEX GRADE RING - 4" P3) 48" - ECC XYPEX CONE w/ 24" HOLE - 36" P2) 48" - MH RISER w/XYPEX - 72" P1) 48" - MH BASE w/XYPEX - 24" 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 - JBS 1150 F/C SANITARY 2) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 3) PSX - 12-08 NYLO 11) MH Step ML-10-TDS-NCR - 10"		0 lb 270 lb 2251 lb 5030 lb 2863 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 0 lb 24 lb 0 lb Structure Total: 12128 lb	<u>Structure Notes:</u> 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. INVERT CHANNEL REQUIRED 5. STEPS AT 0 DEGREES 6. JBS 1150 FRAME & COVER "SANITARY" SUPPLIED BY ICAST	
				
				
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: 25-4288 - Project Wave Job Location: Franklin, KY 42134 Contractor: Cumberland Pipeline LLC					Plant: 100 7/10/2026 8:14:19 AM		Tech: Jared - A PC: Erica Bradley				
Structure ID: A5											
P2 MH048RS72X			MH RISER w/XYPEX								
P5) 24" - CASTING HEIGHT - 7" P4) 24" - XYPEX GRADE RING - 4" P3) 48" - ECC XYPEX CONE w/ 24" HOLE - 36" P2) 48" - MH RISER w/XYPEX - 72" P1) 48" - MH BASE w/XYPEX - 24" 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 - JBS 1150 F/C SANITARY 2) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 3) PSX - 12-08 NYLO 11) MH Step ML-10-TDS-NCR - 10"						0 lb 270 lb 2251 lb 5030 lb 2863 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 0 lb 24 lb 0 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. INVERT CHANNEL REQUIRED 5. STEPS AT 0 DEGREES 6. JBS 1150 FRAME & COVER "SANITARY" SUPPLIED BY ICAST			
Structure Total:						12128 lb					
Rim: 715.14' Rim to Invert: 11.83' Slack: 0.96" 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											



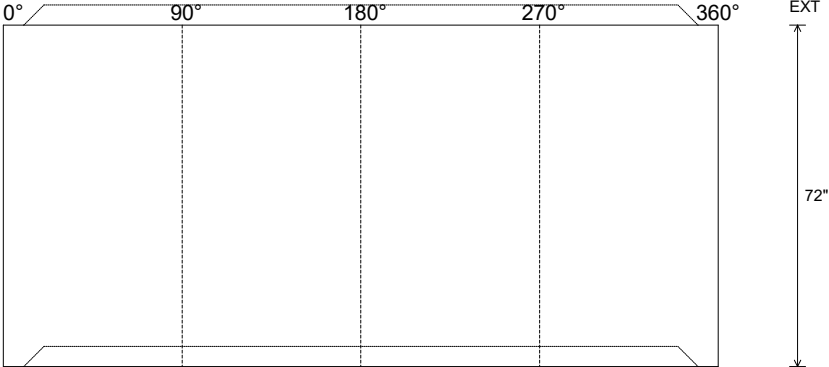
(P5)
(P4)
(P3)
(P2) <<
(P1)

RIGHT-SIDE UP VIEW (int. dimensions)



Step: 0°
Horz: 0"

INSIDE WALL DIMENSIONS



(P2)

EXT
72"

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 72" Height (Ext): 72"	Weight (Net): 5030 lb Volume (Net): 1.28cu.yd
----------------------------------	------------------------------------	--	--	--

Job Name: 25-4288 - Project Wave

Job Location: Franklin, KY 42134

Contractor: Cumberland Pipeline LLC

Plant: 100

7/10/2026 8:14:18 AM

Tech: Jared - A

PC: Erica Bradley



Structure ID: A4

P2 MH048RS60X

MH RISER w/XYPEX

P5) 24" - CASTING HEIGHT - 7"

P4) 48" - ECC XYPEX CONE w/ 24" HOLE - 30"

P3) 48" - MH RISER w/XYPEX - 36"

P2) 48" - MH RISER w/XYPEX - 60"

P1) 48" - MH BASE w/XYPEX - 24"

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 - JBS 1150 F/C SANITARY

3) 48" - Conseal CS-102 1.00" (Double)

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

2) PSX - 12-08 NYLO

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

0 lb

1981 lb

2515 lb

4192 lb

2911 lb

0 lb

0 lb

1440 lb

250 lb

0 lb

0 lb

16 lb

0 lb

Structure Total: 13304 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: PER ASTM A615

4. INVERT CHANNEL REQUIRED

5. STEPS AT 0 DEGREES

6. JBS 1150 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 715.78'

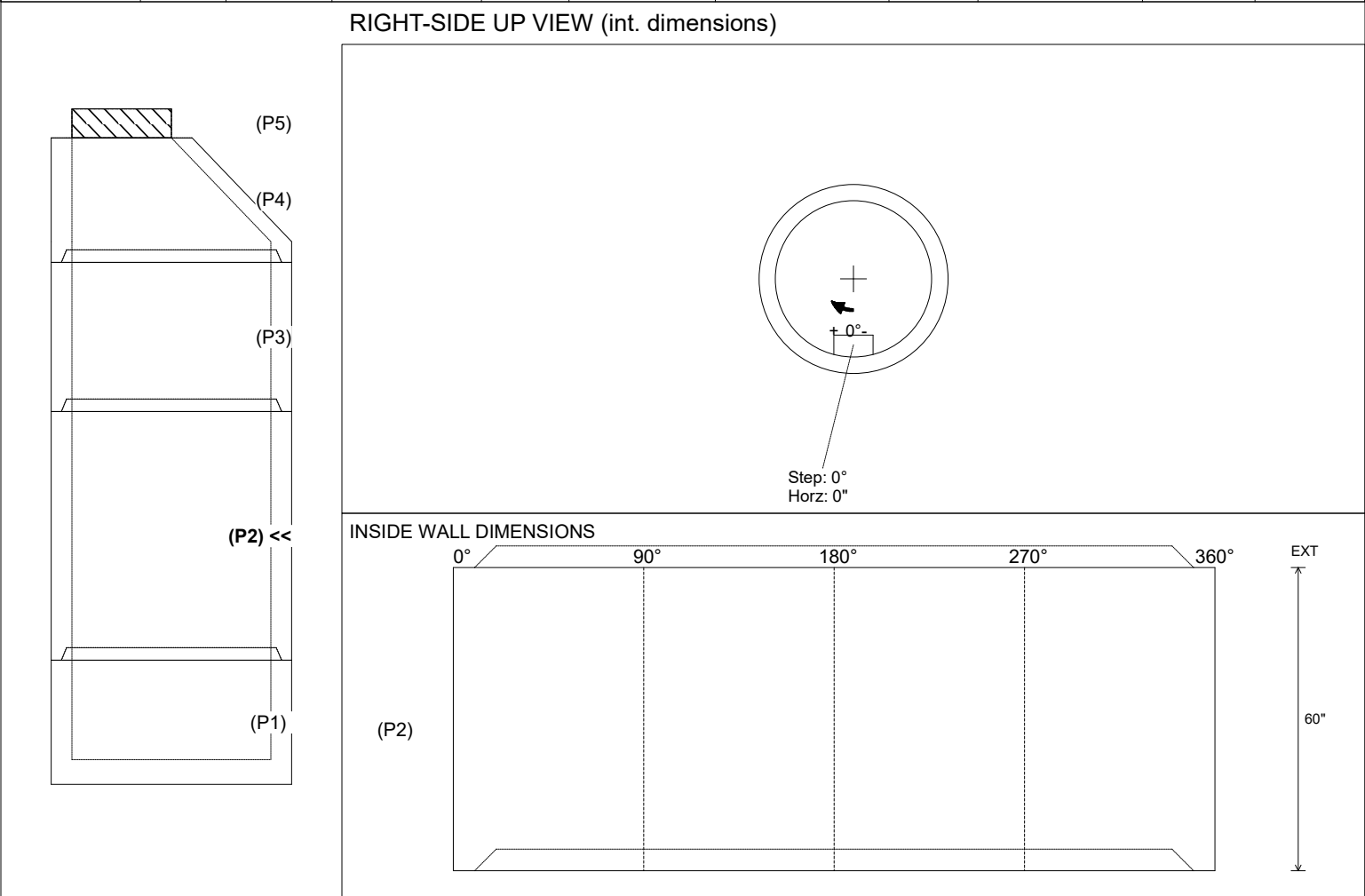
Rim to Invert: 12.99'

Slack: 0.88"

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										



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

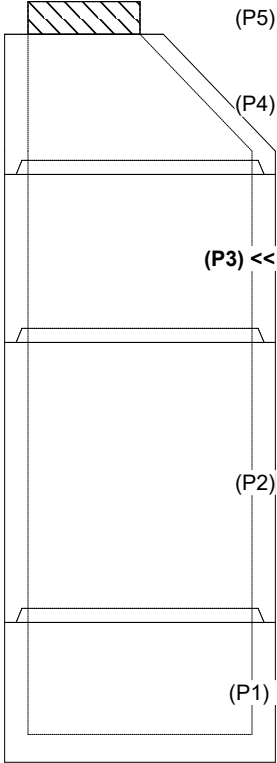
Height (Int): 60"

Height (Ext): 60"

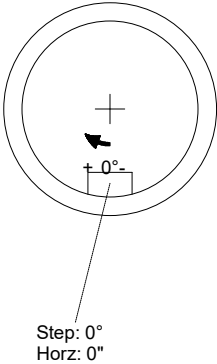
Weight (Net): 4192 lb

Volume (Net): 1.07cu.yd

Job Name: 25-4288 - Project Wave Job Location: Franklin, KY 42134 Contractor: Cumberland Pipeline LLC					Plant: 100 7/10/2026 8:14:19 AM		Tech: Jared - A PC: Erica Bradley				
Structure ID: A4											
P3 MH048RS36X			MH RISER w/XYPEX								
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC XYPEX CONE w/ 24" HOLE - 30" P3) 48" - MH RISER w/XYPEX - 36" P2) 48" - MH RISER w/XYPEX - 60" P1) 48" - MH BASE w/XYPEX - 24" 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 - JBS 1150 F/C SANITARY 3) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 13) MH Step ML-10-TDS-NCR - 10"						0 lb 1981 lb 2515 lb 4192 lb 2911 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 0 lb 16 lb 0 lb		<u>Structure Notes:</u> 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. INVERT CHANNEL REQUIRED 5. STEPS AT 0 DEGREES 6. JBS 1150 FRAME & COVER "SANITARY" SUPPLIED BY ICAST			
Structure Total:						13304 lb					
Rim: 715.78' Rim to Invert: 12.99' Slack: 0.88" 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											

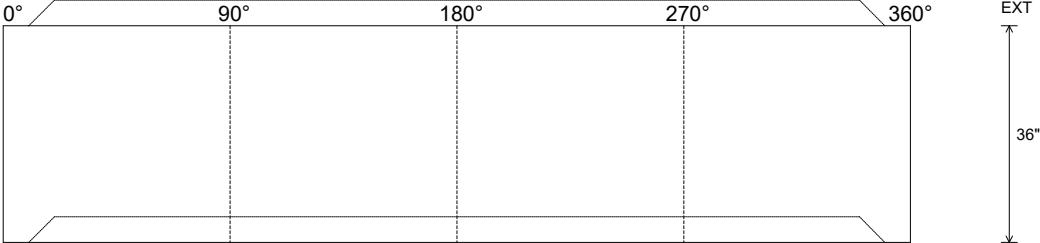


RIGHT-SIDE UP VIEW (int. dimensions)



Step: 0°
Horz: 0"

INSIDE WALL DIMENSIONS



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: 26-2791 788327 2221 Bradford Dr
Job Location: Louisville, KY
Contractor: Contech Engineering Solutions

Plant: Beaver Dam
7/14/2026 1:14:29 PM

Tech: S. Felletter
PC: C. Goff



Structure ID: 10-CS-4

P2 MH048RS72

MH RISER T/G

- P4) 30" - CASTING HEIGHT - 4"
P3) 48" - MH FLAT LID w/30in ECC Hole F/G - 12"
P2) 48" - MH RISER T/G - 72"
P1) 48" - MH BASE T/n - 18"
1) ASSEMBLY REQUIRED
1) CVSTENCILING
2) 48" - Conseal CS-102 1.00"
2) Hole - 16

Structure Total:

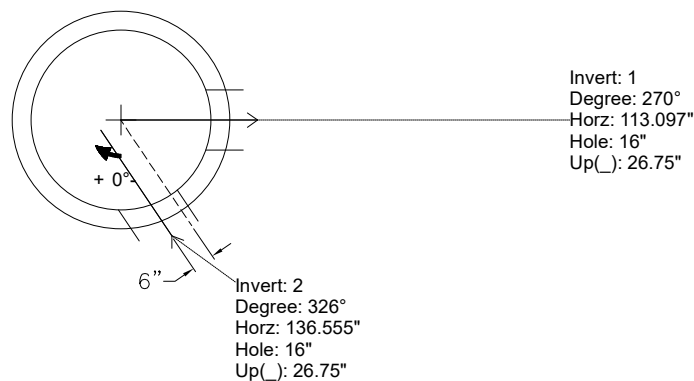
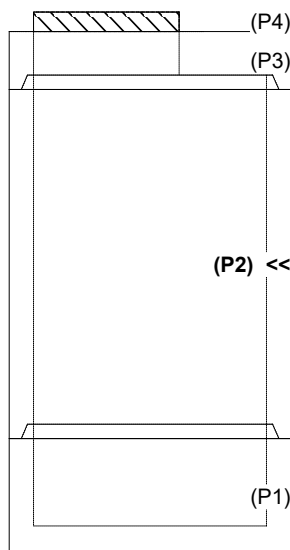
0 lb
1413 lb
4856 lb
2588 lb
0 lb
0 lb
0 lb
0 lb
8857 lb

Structure Notes:
4" CASTING BY OTHERS
LIFTING ANCHORS TO BE INSTALLED
ON THE OUTSIDE OF THE STRUCTURE
ICAST TO INSTALL THE INTERNALS
CONTECH'S LOGO AS WELL AS THE
INLET AND OUTLET MUST BE
STENCILED ONTO THE STRUCTURE

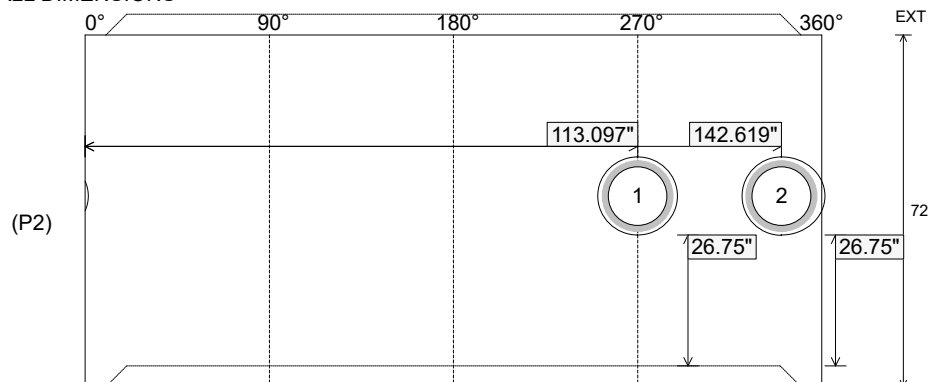
Rim: 495.44' Rim to Invert: 5.44' Slack: 10.28' Sump: 51' Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	490'	270°	136.659"	12" ADS N-12	14.5"	Hole 16	16"	16.312"	26.75"	0"
Invert 2	490'	326°	171.047"	12" ADS N-12	14.5"	Hole 16	16"	16.95"	26.75"	6"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



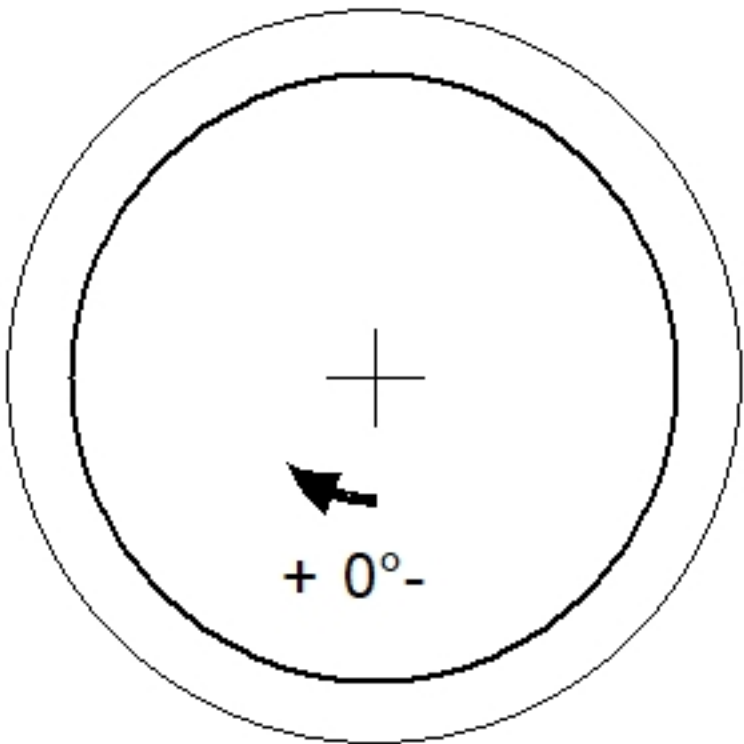
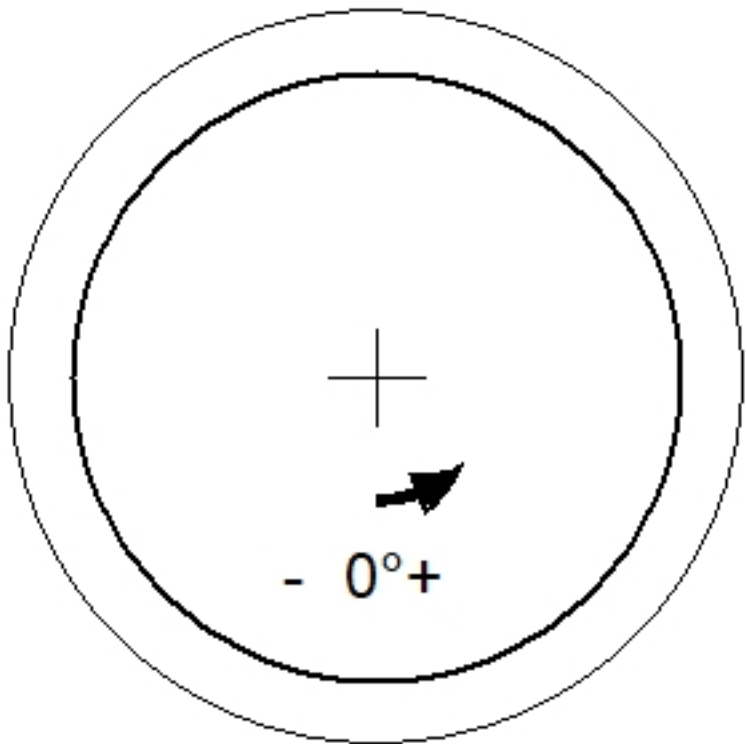
Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 5"
Floor Height: 0"

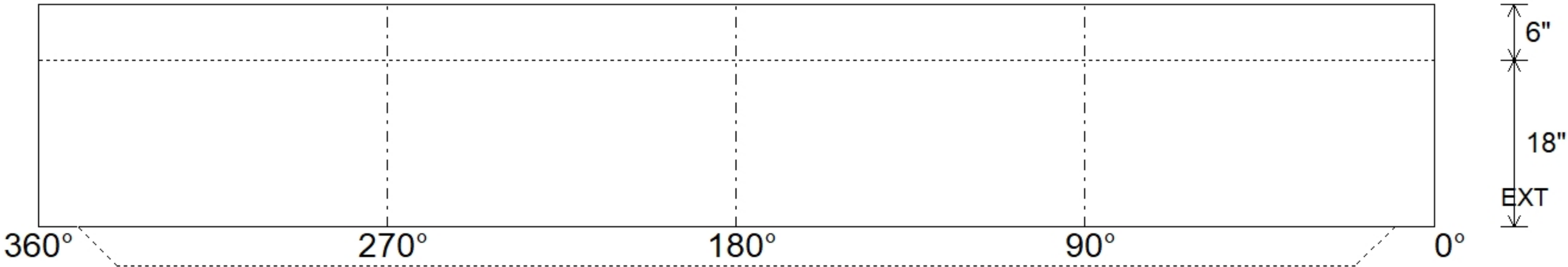
Height (Int): 72"
Height (Ext): 72"

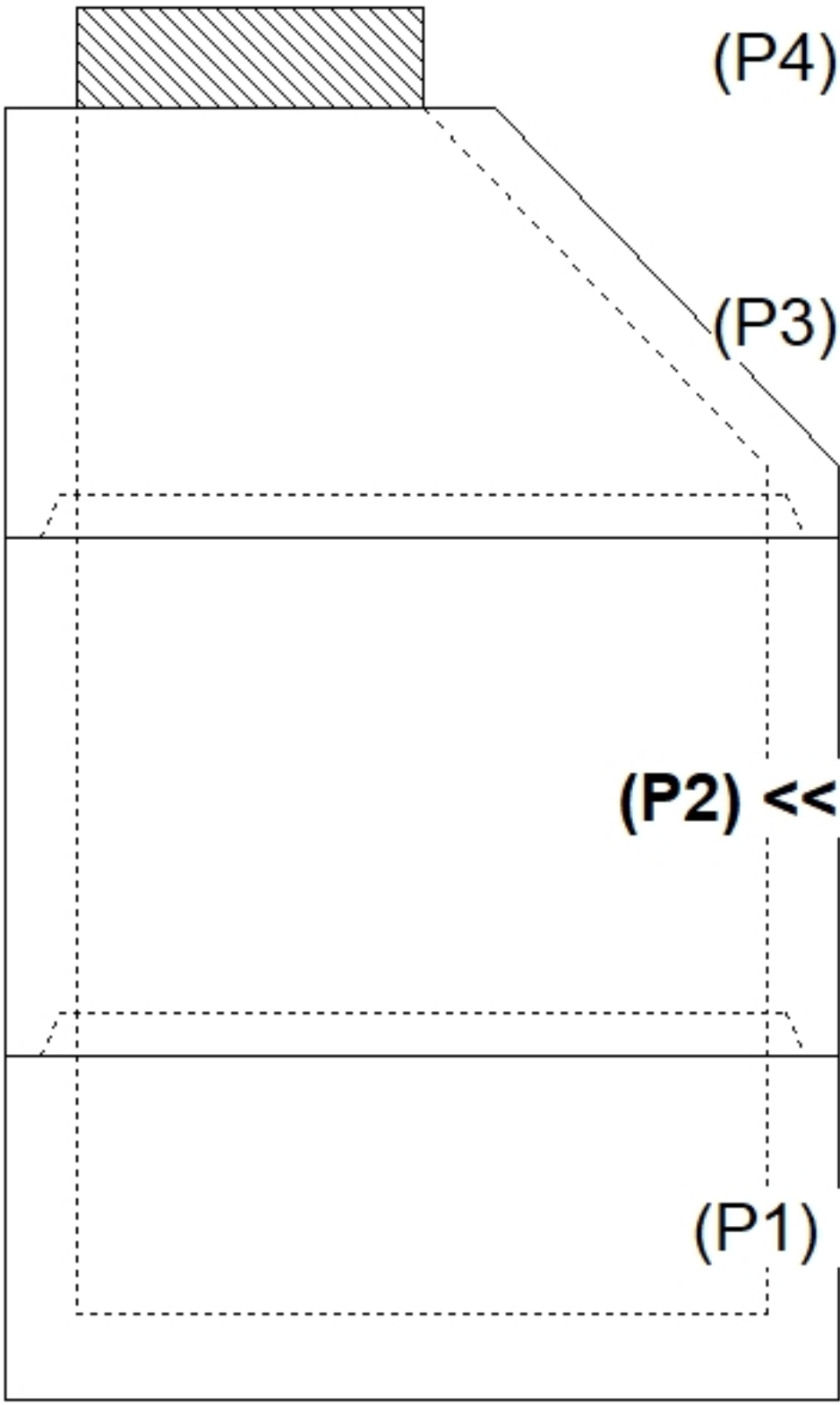
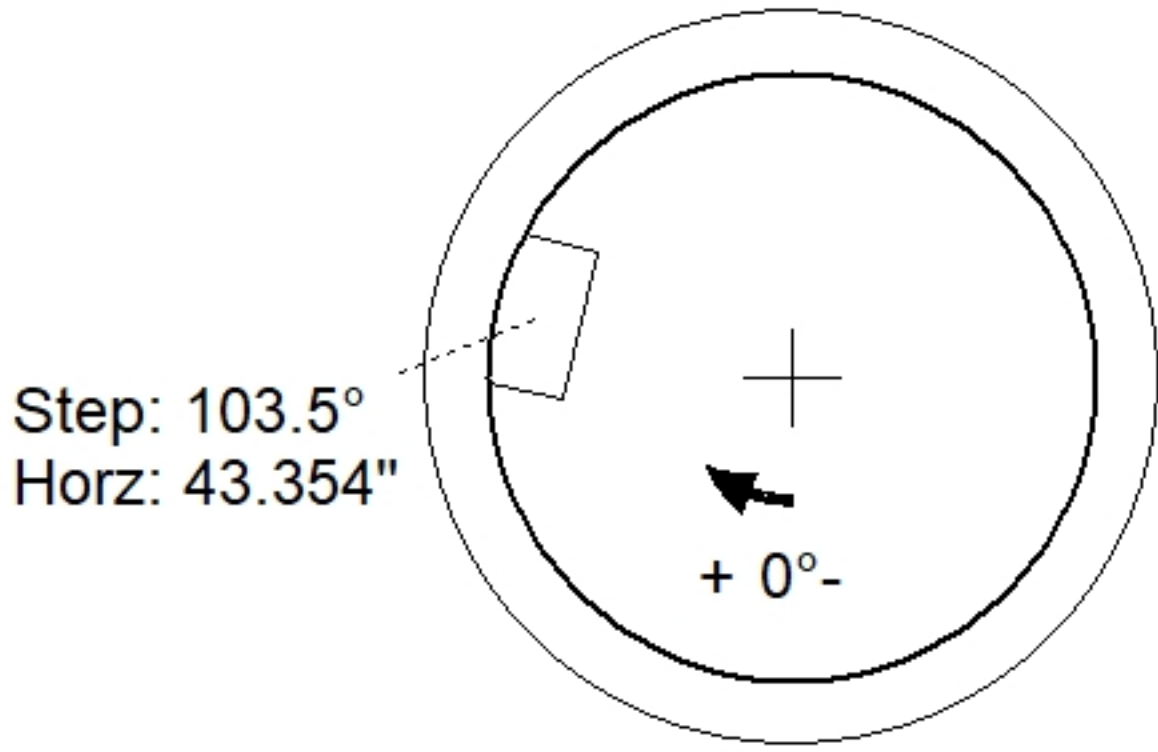
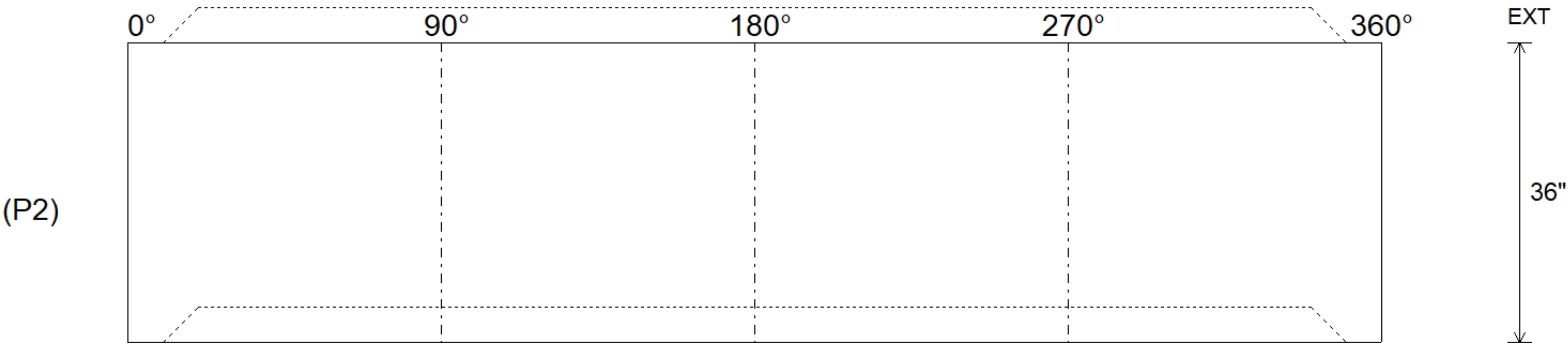
Weight (Net): 4856 lb
Volume (Net): 1.24cu.yd

Job Name: 26-2791 788327 2221 Bradford Dr Job Location: Louisville, KY Contractor: Contech Engineering Solutions					Plant: Beaver Dam 7/14/2026 1:13:43 PM		Tech: S. Felletter PC: C. Goff				
Structure ID: 10-CS-4											
P1		MH048BA18		MH BASE T/n							
P4) 30" - CASTING HEIGHT - 4" P3) 48" - MH FLAT LID w/30in ECC Hole F/G - 12" P2) 48" - MH RISER T/G - 72" P1) 48" - MH BASE T/n - 18" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 2) 48" - Conseal CS-102 1.00" 2) Hole - 16						0 lb 1413 lb 4856 lb 2588 lb 0 lb 0 lb 0 lb 0 lb ----- 0 lb		Structure Notes: 4" CASTING BY OTHERS . LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE . ICAST TO INSTALL THE INTERNALS . CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE			
Rim: 495.44' Rim to Invert: 5.44' Slack: 10.28" Sump: 51" Step Position:											
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)  UPSIDE-DOWN VIEW (int. dimenions) 											

INSIDE WALL DIMENSIONS

(P1)



Job Name: 26-1310 Lodges of Prospect Ph.2 Job Location: Prospect, KY 40059 Contractor: Trademark Excavating					Plant: 100 7/13/2026 2:34:19 PM		Tech: Jared - A PC: Thomas Ryan						
Structure ID: SS-MH 10+74.25													
P2			MH048RS36			MH RISER T/G							
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE F/G - 30" P2) 48" - MH RISER T/G - 36" P1) 48" - MH BASE T/n - 18" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) CASTING - HOE MC-420 F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 7) MH Step ML-13-NCR - 12"						0 lb 2050 lb 2515 lb 2492 lb 1440 lb 0 lb 0 lb 340 lb 0 lb 0 lb 16 lb 0 lb ----- 8853 lb		Structure Notes: 1. HOE MC-420 F/C SANITARY PROVIDED BY ICAST. 2. PER ASTM C478 SPECIFICATIONS. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. 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: 461.8' Rim to Invert: 7.4' Slack: 0.8" Sump: 3" Step Position: 103.5°													
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): 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				

Job Name: 26-2763 - The Flats of Martin

Job Location: Paris, TN 38242

Contractor: BTM Excavating, LLC

Plant: 100

7/14/2026 11:10:23 AM

Tech: Jared - F

PC: T. Lewis



Structure ID: MH-1 SS-MH

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

P4) 24" - CASTING HEIGHT - 7"

P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"

P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"

P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"

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

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

1) ADMIXTURE CONBLOCK CDA RED

1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT

1) CASTING - JBS 1150 F/C SANITARY

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

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

2) PSX - 12-08 NYLO

0 lb

202 lb

2251 lb

2911 lb

0 lb

0 lb

0 lb

1440 lb

250 lb

0 lb

0 lb

16 lb

Structure Total: 7071 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 (JBS 1150 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: 357.2' Rim to Invert: 5.68' Slack: 0.16" Sump: 2" Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	351.52'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	351.62'	235°	119"	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"

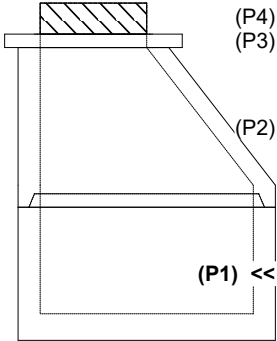
Height (Int): 24"

Height (Ext): 30"

Weight (Net): 2911 lb

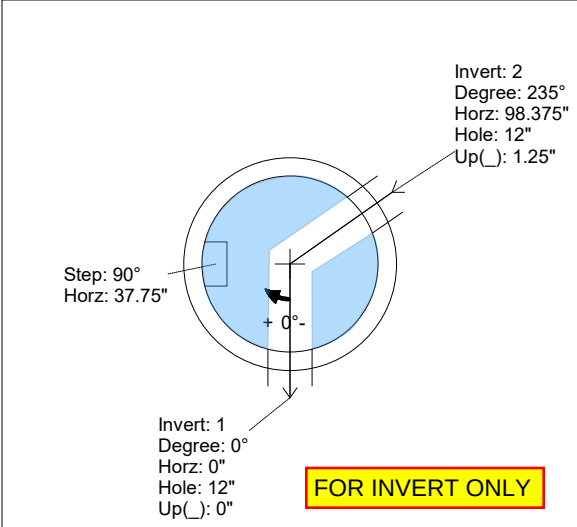
Volume (Net): 0.74cu.yd

Job Name: 26-2763 - The Flats of Martin Job Location: Paris, TN 38242 Contractor: BTM Excavating, LLC					Plant: 100 7/14/2026 11:10:23 AM		Tech: Jared - F PC: T. Lewis				
Structure ID: MH-1 SS-MH											
P1 MH048BA24CDARED			MH BASE w/ConBlock-CDA Red T/n								
P4) 24" - CASTING HEIGHT - 7" P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3" P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) ADMIXTURE CONBLOCK CDA RED 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1) CASTING - JBS 1150 F/C SANITARY 1) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO					0 lb 202 lb 2251 lb 2911 lb 0 lb 0 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 0 lb 16 lb ----- Structure Total: 7071 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 (JBS 1150 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: 357.2' Rim to Invert: 5.68' Slack: 0.16" Sump: 2" Step Position: 90°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	351.52'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"	
Invert 2	351.62'	235°	119"	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											



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

RIGHT-SIDE UP VIEW (int. dimensions)



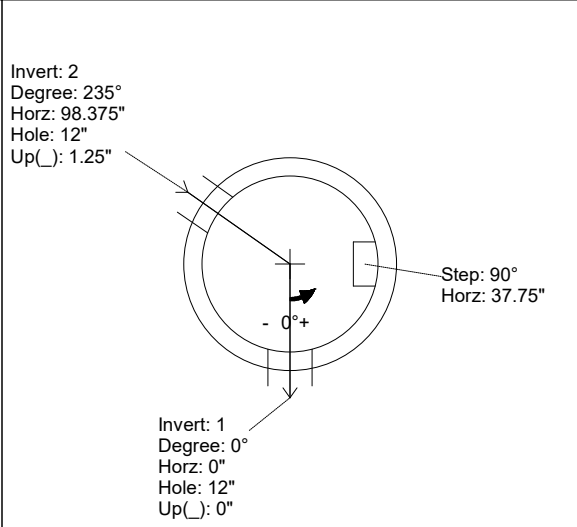
Invert: 2
Degree: 235°
Horz: 98.375"
Hole: 12"
Up(): 1.25"

Step: 90°
Horz: 37.75"

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

FOR INVERT ONLY

UPSIDE-DOWN VIEW (int. dimensions)

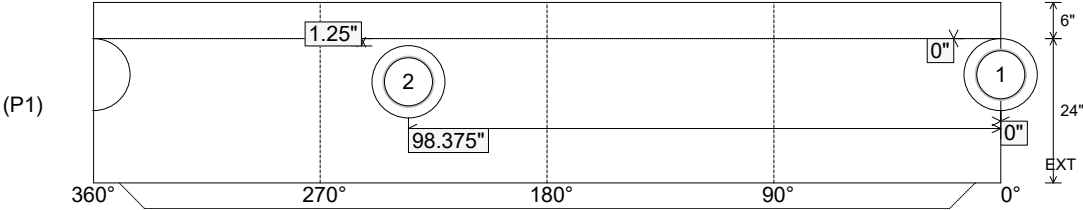


Invert: 2
Degree: 235°
Horz: 98.375"
Hole: 12"
Up(): 1.25"

Step: 90°
Horz: 37.75"

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

INSIDE WALL DIMENSIONS



(P1)

1.25"

98.375"

0"

24"

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): 24" Height (Ext): 30"	Weight (Net): 2911 lb Volume (Net): 0.74cu.yd
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Job Name: 25-4288 - Project Wave Job Location: Franklin, KY 42134 Contractor: Cumberland Pipeline LLC					Plant: 100		Tech: Jared - A				
					7/10/2026 8:12:53 AM		PC: Erica Bradley				
Structure ID: A5											
P1 MH048BA24X					MH BASE w/XYPEX						
P5) 24" - CASTING HEIGHT - 7" P4) 24" - XYPEX GRADE RING - 4" P3) 48" - ECC XYPEX CONE w/ 24" HOLE - 36" P2) 48" - MH RISER w/XYPEX - 72" P1) 48" - MH BASE w/XYPEX - 24" 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 - JBS 1150 F/C SANITARY 2) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 3) PSX - 12-08 NYLO 11) MH Step ML-10-TDS-NCR - 10"					0 lb 270 lb 2251 lb 5030 lb 2863 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 0 lb 24 lb 0 lb ----- Structure Total: 12128 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. INVERT CHANNEL REQUIRED 5. STEPS AT 0 DEGREES 6. JBS 1150 FRAME & COVER "SANITARY" SUPPLIED BY ICAST				
Rim: 715.14' Rim to Invert: 11.83' Slack: 0.96" Sump: 2" Step Position: 0°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	703.31'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"	
Invert 2	703.41'	180°	91.106"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"	
Invert 3	703.41'	270°	136.659"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

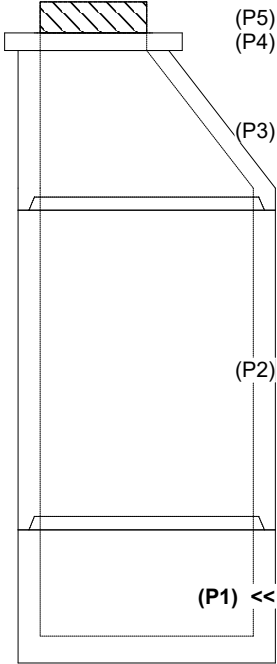
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

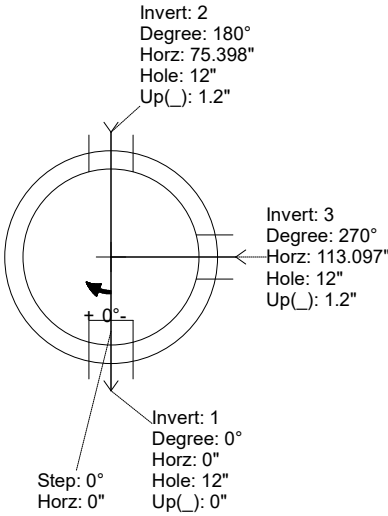
INSIDE WALL DIMENSIONS

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2863 lb Volume (Net): 0.73cu.yd
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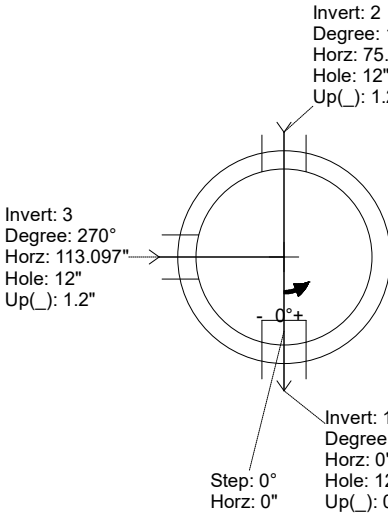
Job Name: 25-4288 - Project Wave Job Location: Franklin, KY 42134 Contractor: Cumberland Pipeline LLC					Plant: 100 7/10/2026 8:12:53 AM		Tech: Jared - A PC: Erica Bradley			
Structure ID: A5										
P1 MH048BA24X		MH BASE w/XYPEX								
P5) 24" - CASTING HEIGHT - 7" P4) 24" - XYPEX GRADE RING - 4" P3) 48" - ECC XYPEX CONE w/ 24" HOLE - 36" P2) 48" - MH RISER w/XYPEX - 72" P1) 48" - MH BASE w/XYPEX - 24" 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 - JBS 1150 F/C SANITARY 2) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 3) PSX - 12-08 NYLO 11) MH Step ML-10-TDS-NCR - 10"					0 lb 270 lb 2251 lb 5030 lb 2863 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 0 lb 24 lb 0 lb ----- 12128 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. INVERT CHANNEL REQUIRED 5. STEPS AT 0 DEGREES 6. JBS 1150 FRAME & COVER "SANITARY" SUPPLIED BY ICAST INVERT CHANNEL DRAWING FULL HEIGHT INVERT			
Rim: 715.14' Rim to Invert: 11.83' Slack: 0.96" Sump: 2" Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	703.31'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	703.41'	180°	91.106"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3	703.41'	270°	136.659"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



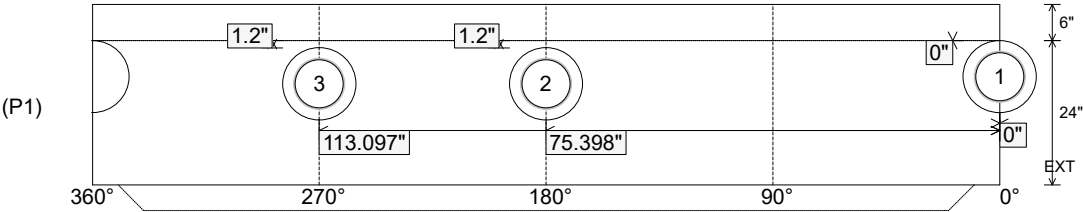
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



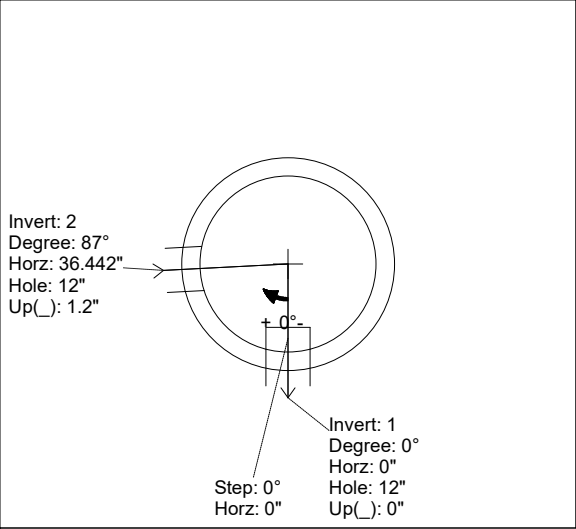
INSIDE WALL DIMENSIONS



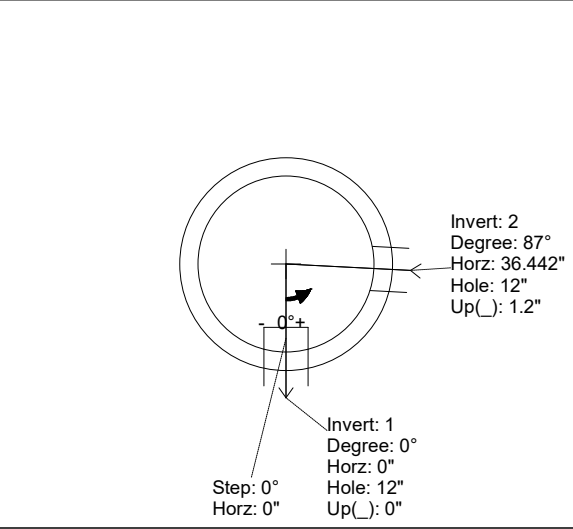
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2863 lb Volume (Net): 0.73cu.yd
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Job Name: 25-4288 - Project Wave Job Location: Franklin, KY 42134 Contractor: Cumberland Pipeline LLC					Plant: 100 7/10/2026 8:12:52 AM		Tech: Jared - A PC: Erica Bradley			
Structure ID: A4										
P1 MH048BA24X					MH BASE w/XYPEX					
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC XYPEX CONE w/ 24" HOLE - 30" P3) 48" - MH RISER w/XYPEX - 36" P2) 48" - MH RISER w/XYPEX - 60" P1) 48" - MH BASE w/XYPEX - 24" 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 - JBS 1150 F/C SANITARY 3) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 13) MH Step ML-10-TDS-NCR - 10"					0 lb 1981 lb 2515 lb 4192 lb 2911 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 0 lb 16 lb 0 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. INVERT CHANNEL REQUIRED 5. STEPS AT 0 DEGREES 6. JBS 1150 FRAME & COVER "SANITARY" SUPPLIED BY ICAST			
Rim: 715.78' Rim to Invert: 12.99' Slack: 0.88" Sump: 2" Step Position: 0°					Structure Total: 13304 lb					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	702.79'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	702.89'	87°	44.035"	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										

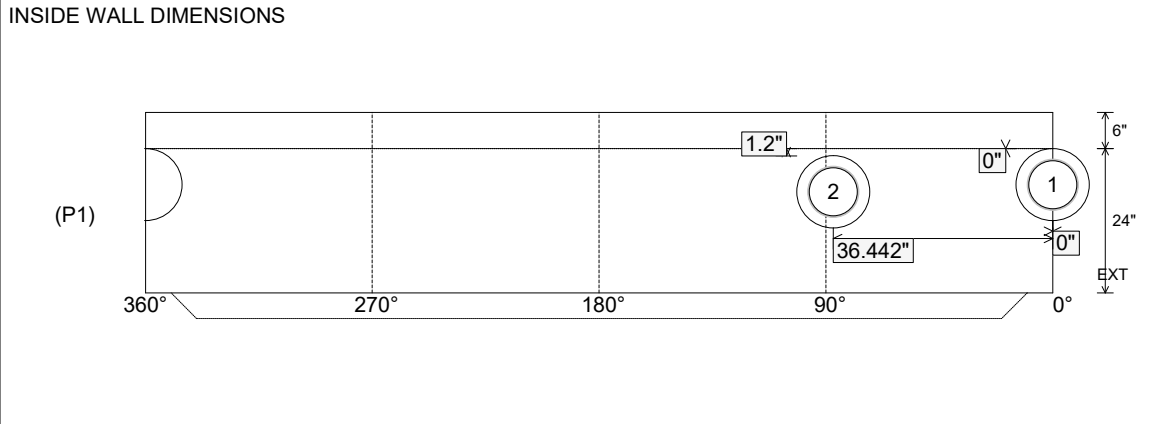
RIGHT-SIDE UP VIEW (int. dimensions)



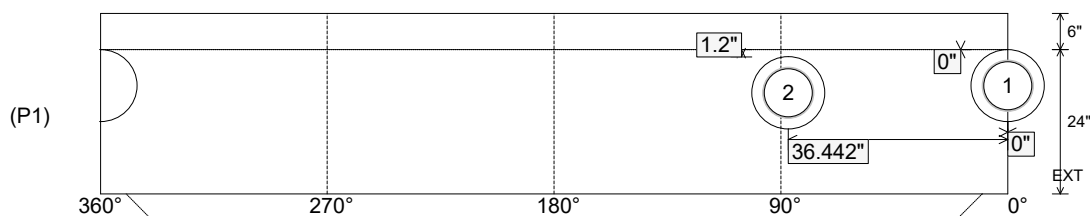
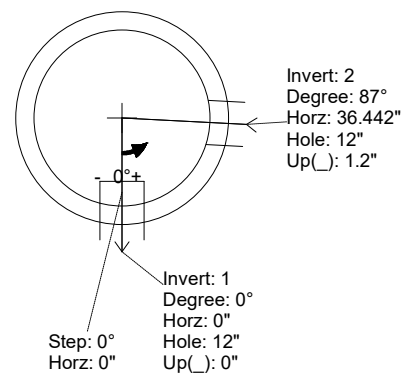
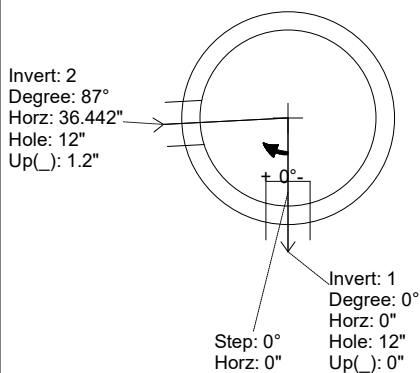
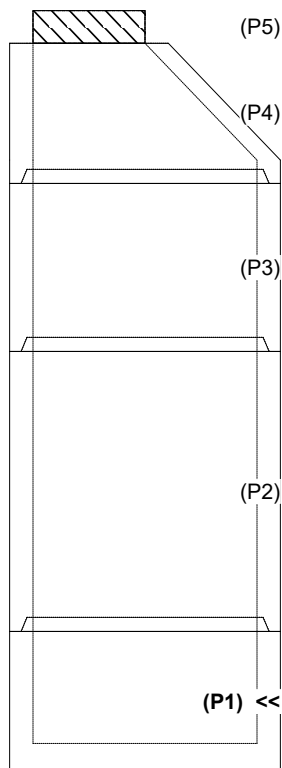
UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

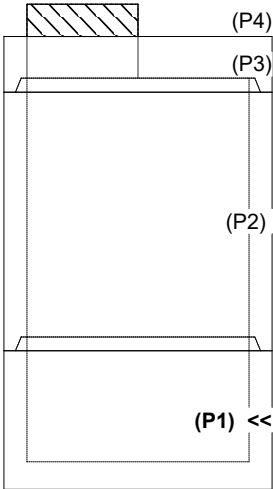


Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2911 lb Volume (Net): 0.74cu.yd
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[illegible]

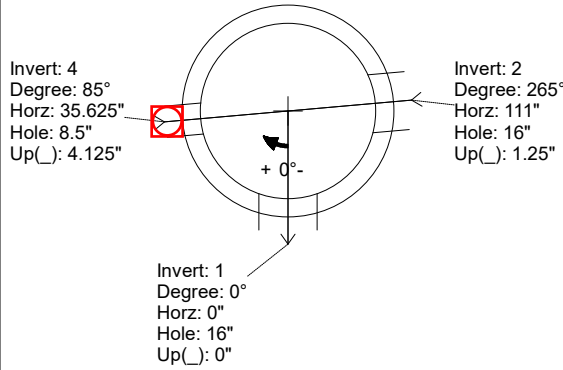
Weight (Net): 2911 lb
Volume (Net): 0.74cu.yd

Job Name: 26-1066 - Gunning Pump Station & Force Main Job Location: Bardstown, KY Contractor: Connhurst, LLC					Plant: 100 6/2/2026 10:54:40 AM		Tech: Jared - F PC: E. Bradley				
Structure ID: A8 (12)											
P1 MH048BAVF-D			MH BASE T/n								
P4) 24" - CASTING HEIGHT - 7" P3) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12" P2) 48" - MH RISER Custom Ht T/G - 56" P1) 48" - MH BASE T/n - 24" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 048" MAC WRAP 2) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 16M DD 1) Drop Tee - 8" PVC 1) Drop Elbow - 8" PVC						0 lb 1561 lb 3888 lb 2811 lb 1440 lb 0 lb 0 lb 16 lb 0 lb 0 lb 0 lb Structure Total: 9717 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS. 4. CASTING SUPPLIED BY OTHERS. 5. EXTERIOR DROP ASSEMBLY @ 85°, PROVIDED BY ICAST. 6. ALL PIPE CONNECTORS TO INCLUDE DOUBLE PIPE BANDS. 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: 560.41'		Rim to Invert: 8.09'		Slack: 0.08"		Sump: 2"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	552.32'	0°	0"	12" DI	13"	PSX 16M DD	16"	16.312"	0"	0"	
Invert 2	552.42'	265°	134.125"	12" DI	13"	PSX 16M DD	16"	16.312"	1.25"	0"	
Invert 3											
Invert 4	552.52'	85°	43"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.545"	4.125"	0"	
Invert 5											
Invert 6											
Invert 7											
Invert 8											



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

RIGHT-SIDE UP VIEW (int. dimensions)

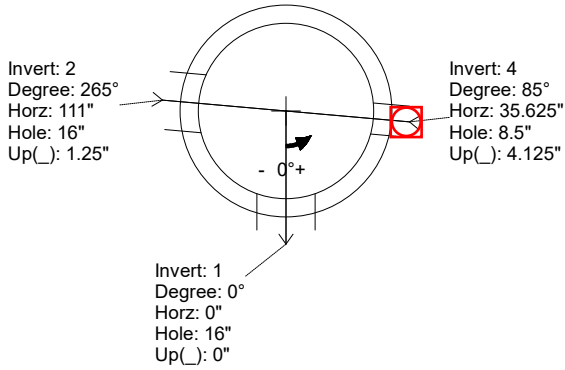


Invert: 4
Degree: 85°
Horz: 35.625"
Hole: 8.5"
Up(): 4.125"

Invert: 2
Degree: 265°
Horz: 111"
Hole: 16"
Up(): 1.25"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 16"
Up(): 0"

UPSIDE-DOWN VIEW (int. dimensions)

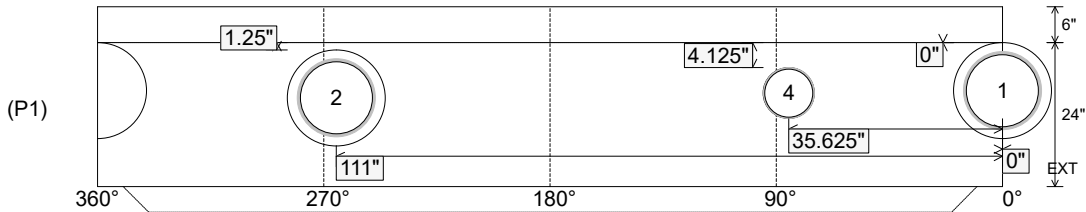


Invert: 2
Degree: 265°
Horz: 111"
Hole: 16"
Up(): 1.25"

Invert: 4
Degree: 85°
Horz: 35.625"
Hole: 8.5"
Up(): 4.125"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 16"
Up(): 0"

INSIDE WALL DIMENSIONS



(P1)

1.25"

4.125"

0"

35.625"

0"

6"

24"

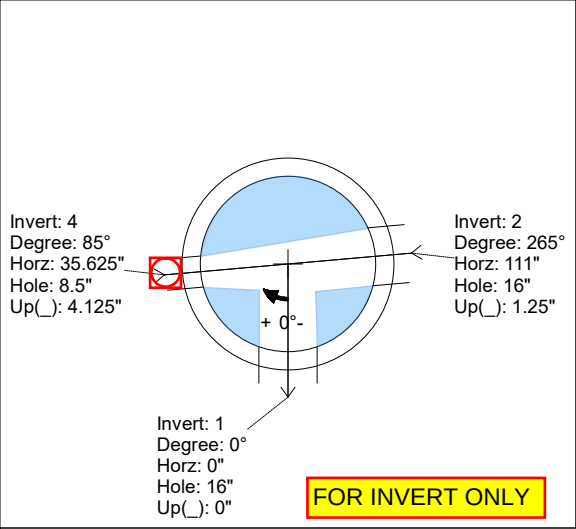
EXT

360° 270° 180° 90° 0°

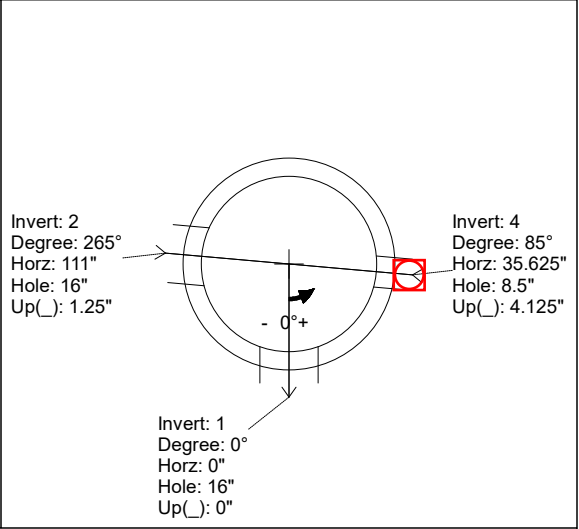
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2811 lb Volume (Net): 0.72cu.yd
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Job Name: 26-1066 - Gunning Pump Station & Force Main Job Location: Bardstown, KY Contractor: Connhurst, LLC					Plant: 100 6/2/2026 10:54:40 AM		Tech: Jared - F PC: E. Bradley					
Structure ID: A8 (12)												
P1 MH048BAVF-D			MH BASE T/n									
P4) 24" - CASTING HEIGHT - 7" P3) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12" P2) 48" - MH RISER Custom Ht T/G - 56" P1) 48" - MH BASE T/n - 24" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 048" MAC WRAP 2) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 16M DD 1) Drop Tee - 8" PVC 1) Drop Elbow - 8" PVC						0 lb 1561 lb 3888 lb 2811 lb 1440 lb 0 lb 0 lb 16 lb 0 lb 0 lb ----- Structure Total: 9717 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS. 4. CASTING SUPPLIED BY OTHERS. 5. EXTERIOR DROP ASSEMBLY @ 85°, PROVIDED BY ICAST. 6. ALL PIPE CONNECTORS TO INCLUDE DOUBLE PIPE BANDS. 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: 560.41'		Rim to Invert: 8.09'		Slack: 0.08"		Sump: 2"		Step Position:				
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	552.32'	0°	0"	12" DI	13"	PSX 16M DD	16"	16.312"	0"	0"		
Invert 2	552.42'	265°	134.125"	12" DI	13"	PSX 16M DD	16"	16.312"	1.25"	0"		
Invert 3												
Invert 4	552.52'	85°	43"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.545"	4.125"	0"		
Invert 5												
Invert 6												
Invert 7												
Invert 8												

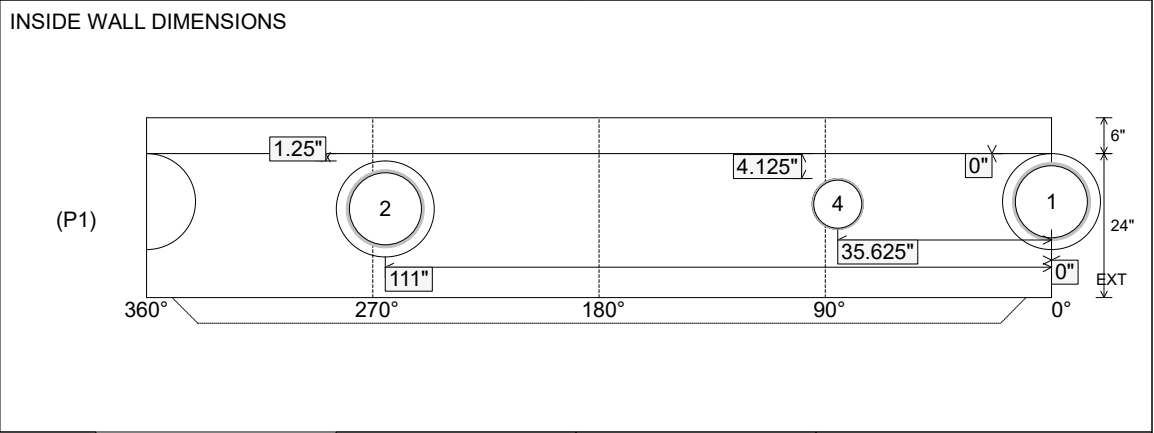
RIGHT-SIDE UP VIEW (int. dimensions)



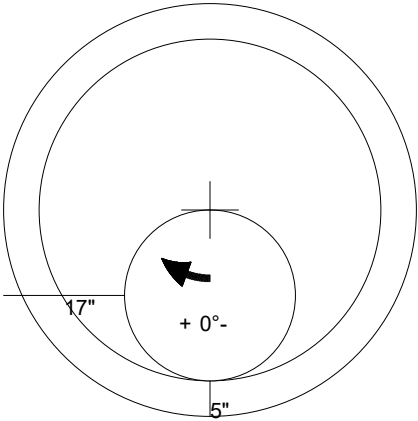
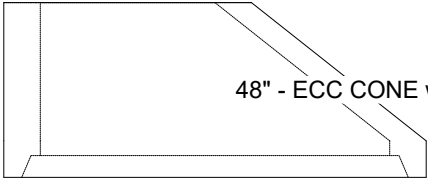
UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 24"	Weight (Net): 2811 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 30"	Volume (Net): 0.72cu.yd

Job Name: 26-1066 - Gunning Pump Station & Force Main Job Location: Bardstown, KY Contractor: Connhurst, LLC		Plant: 100 6/2/2026 10:56:13 AM	Tech: Jared - F PC: E. Bradley	
Structure ID: A7 (11)				
P3 MH048CN24-S		ECC CONE w/ 24" HOLE F/G		
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE F/G - 24" P2) 48" - MH RISER T/G - 60" P1) 48" - MH BASE Custom Ht T/n - 28" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 048" MAC WRAP 2) 48" - Conseal CS-102 1.00" (Double) 1) PSX - 16M DD 1) Drop Tee - 12" PVC 1) Drop Elbow - 12" PVC		0 lb 1550 lb 4140 lb 3149 lb 1440 lb 0 lb 0 lb 8 lb 0 lb 0 lb ----- 10286 lb Structure Total:	Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS. 4. CASTING SUPPLIED BY OTHERS. 5. EXTERIOR DROP ASSEMBLY PROVIDED BY ICAST. 6. ALL PIPE CONNECTORS TO INCLUDE DOUBLE PIPE BANDS. 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 - 24" - (P3)				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 24"	Weight (Net): 1550 lb Volume (Net): 0.33cu.yd

Job Name: 26-1066 - Gunning Pump Station & Force Main Job Location: Bardstown, KY Contractor: Connhurst, LLC					Plant: 100		Tech: Jared - F				
					6/2/2026 10:54:38 AM		PC: E. Bradley				
Structure ID: A5 (9)											
P1 MH048BA30				MH BASE T/n							
P5) 24" - CASTING HEIGHT - 7" P4) 24" - GRADE RING F/F - 3" P3) 48" - ECC CONE w/ 24" HOLE F/G - 42" P2) 48" - MH RISER T/G - 60" P1) 48" - MH BASE T/n - 30" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 048" MAC WRAP 2) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 16M DD						0 lb 202 lb 3200 lb 4192 lb 3255 lb 1440 lb 0 lb 0 lb 16 lb ----- Structure Total: 12304 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS. 4. CASTING SUPPLIED BY OTHERS. 5. ALL PIPE CONNECTORS TO INCLUDE DOUBLE PIPE BANDS. 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: 557.84' Rim to Invert: 11.7' Slack: 0.4" Sump: 2" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	546.14'	0°	0"	12" PVC SDR35	12.5"	PSX 16M DD	16"	16.312"	0"	0"	
Invert 2	546.24'	190°	96.125"	12" PVC SDR35	12.5"	PSX 16M DD	16"	16.312"	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): 3255 lb Volume (Net): 0.83cu.yd
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Job Name: 26-1066 - Gunning Pump Station & Force Main Job Location: Bardstown, KY Contractor: Connhurst, LLC					Plant: 100		Tech: Jared - F						
					6/2/2026 10:54:38 AM		PC: E. Bradley						
Structure ID: A5 (9)													
P1 MH048BA30				MH BASE T/n									
P5) 24" - CASTING HEIGHT - 7" P4) 24" - GRADE RING F/F - 3" P3) 48" - ECC CONE w/ 24" HOLE F/G - 42" P2) 48" - MH RISER T/G - 60" P1) 48" - MH BASE T/n - 30" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 048" MAC WRAP 2) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 16M DD						0 lb 202 lb 3200 lb 4192 lb 3255 lb 1440 lb 0 lb 0 lb 0 lb 16 lb Structure Total: 12304 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS. 4. CASTING SUPPLIED BY OTHERS. 5. ALL PIPE CONNECTORS TO INCLUDE DOUBLE PIPE BANDS. 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: 557.84' Rim to Invert: 11.7' Slack: 0.4" Sump: 2" Step Position:													
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset			
Invert 1	546.14'	0°	0"	12" PVC SDR35	12.5"	PSX 16M DD	16"	16.312"	0"	0"			
Invert 2	546.24'	190°	96.125"	12" PVC SDR35	12.5"	PSX 16M DD	16"	16.312"	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)

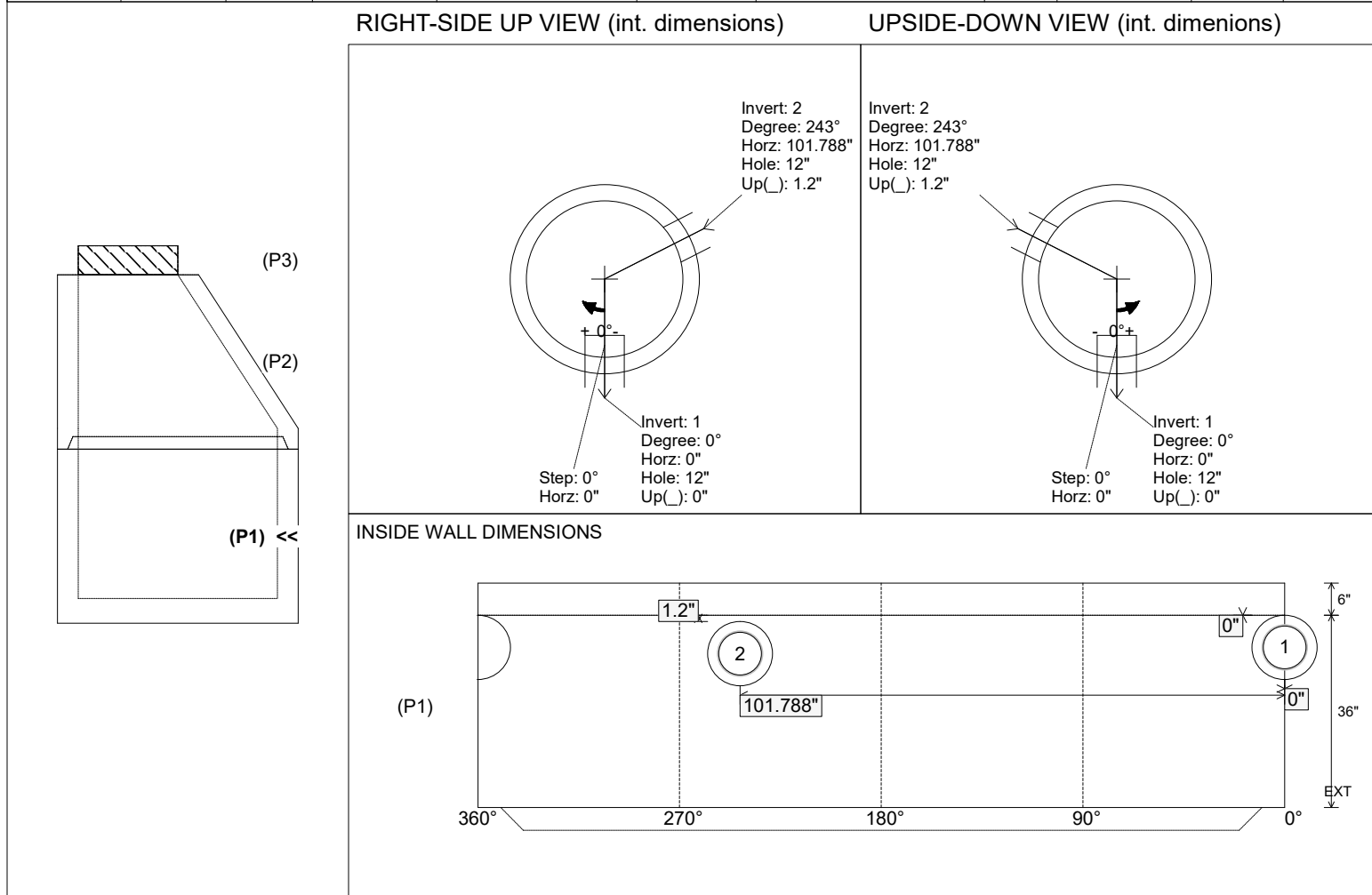
INSIDE WALL DIMENSIONS

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): 3255 lb Volume (Net): 0.83cu.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-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.
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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										



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

P1MH048BA36CDARED

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°

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										

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 243°
Horz: 101.788"
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: 243°
Horz: 101.788"
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"

2

101.788"

0"

1

0"

360°

270°

180°

90°

0°

6"

36"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

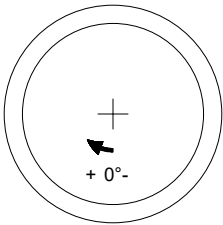
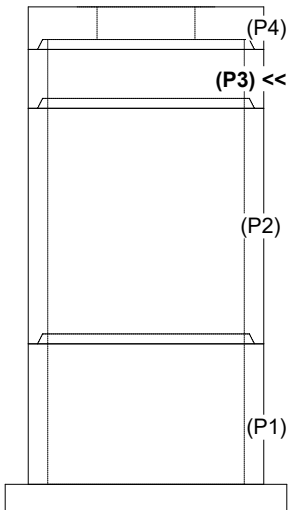
Height (Int): 36"
Height (Ext): 42"

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

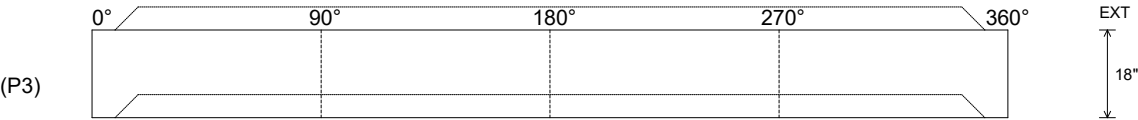
4) 60" - MH FLAT TOP w/30"x30" Hatch - 13"					2455 lb	<u>Structure Notes:</u> . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,500 PSI AT 28 DAYS. 3. NO STEPS / NO INVERT CHANNEL. 4. HATCH BY ICAST (HALLIDAY W1S 30"x30") REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .18) - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.
3) 60" - MH RISER SPECIAL - 18"					1879 lb	
2) 60" - MH RISER SPECIAL - 72"					7442 lb	
1) 60" - MH BASE w/FLANGE (08F/07EF) - 43"					8388 lb	
) JOINT WRAP - 12" WD x 096" MAC WRAP					0 lb	
) HATCH (Alum.) - HALLIDAY W1S 30"x30"					62 lb	
) SECONDARY POUR - EXT. FLANGE					0 lb	
) 60" - Conseal CS-231 1.00" (Double)					0 lb	
) Z-Lok - C107-3					1 lb	
) A-Lok - 0225					2 lb	
) A-Lok - 0150					1 lb	
Structure Total:					20230 lb	
Rim: 890.5'	Rim to Invert: 7.59'	Slack: 0.04"	Sump: 54.96"	Step Position:		

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										

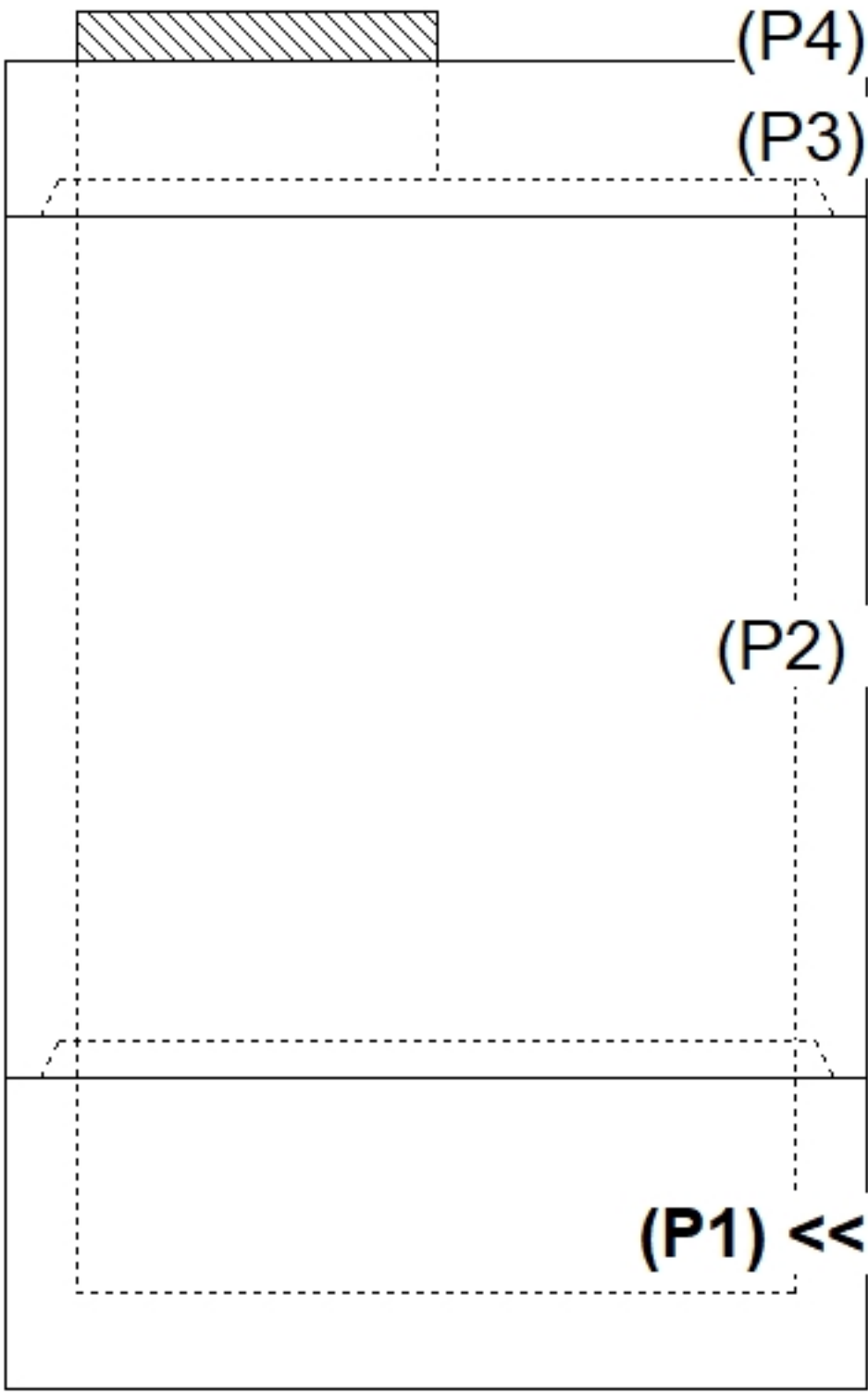
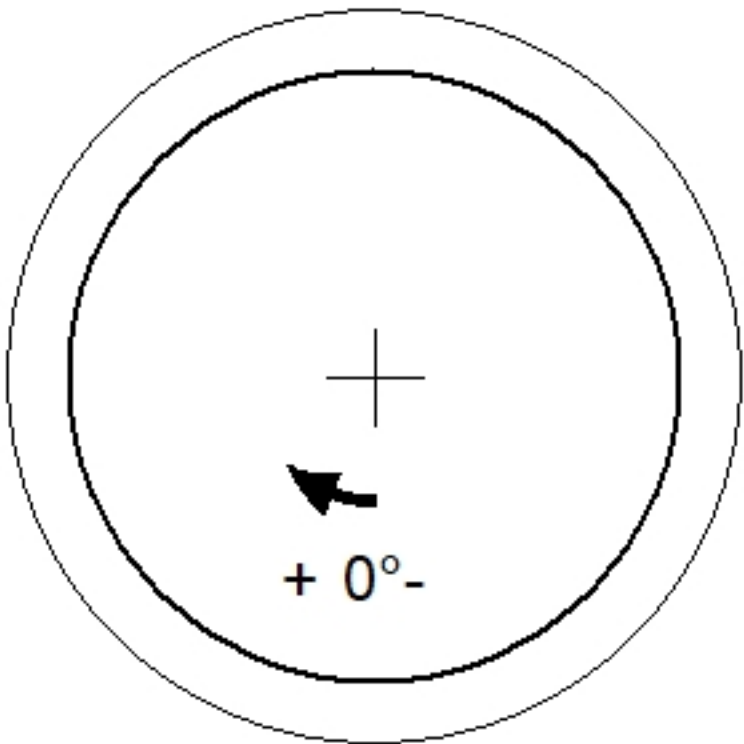
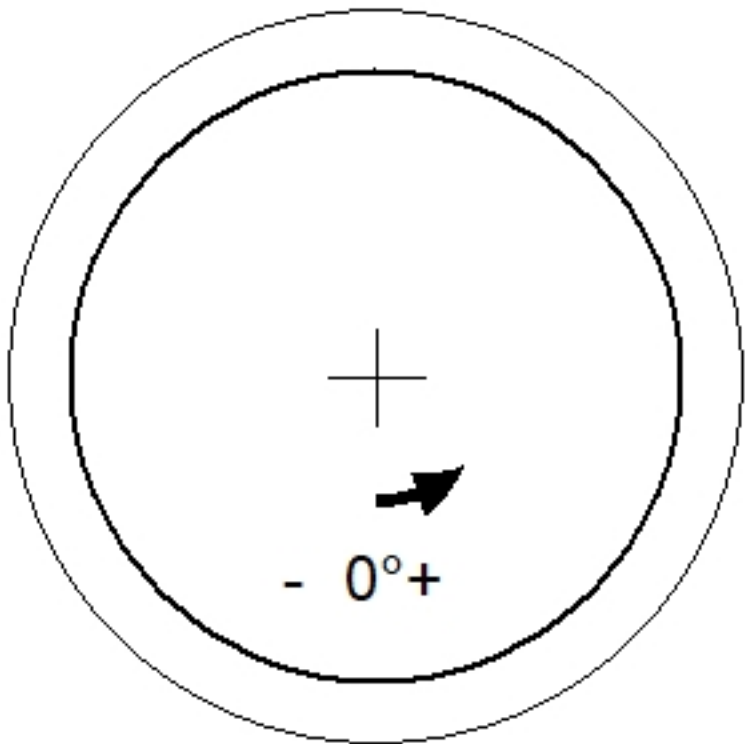
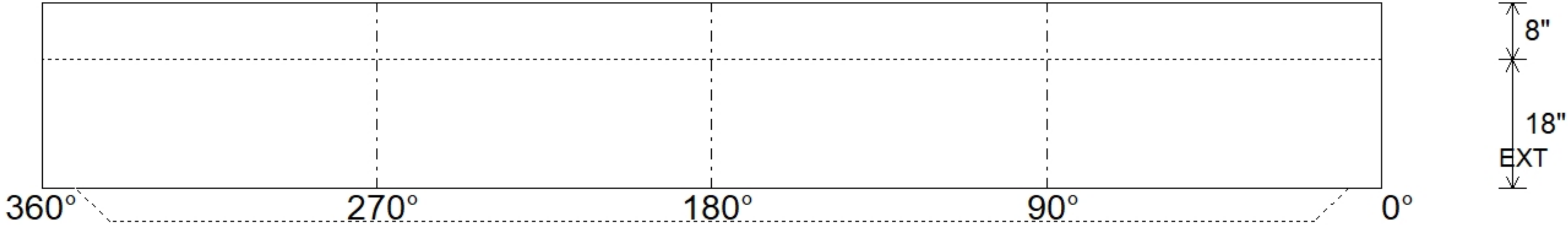
RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	Wall Thickness: 6"	Height (Int): 18"	Weight (Net): 1879 lb
Coating (Ext):	Seam Dn: Groove	Floor Height: 0"	Height (Ext): 18"	Volume (Net): 0.48cu.yd

Job Name: 26-2877 839248 Aloft Job Location: Paducah, KY Contractor: Contech Engineering Solutions						Plant: Beaver Dam 7/1/2026 10:01:59 AM		Tech: S. Felletter PC: C. Goff			
Structure ID: 25-CS-5											
P1		MH060BA18		MH BASE T/n							
P4) 30" - CASTING HEIGHT - 4" P3) 60" - MH FLAT TOP SPEC. (30" ECC HOLE) F/G - 13" P2) 60" - MH RISER SPECIAL T/G - 72" P1) 60" - MH BASE T/n - 18" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 2) 60" - Conseal CS-102 1.00" 2) Hole - 36						0 lb 2589 lb 6430 lb 4612 lb 0 lb 0 lb 0 lb 0 lb ----- 13631 lb Structure Total:		Structure Notes: 4" CASTING BY OTHERS LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE ICAST TO INSTALL THE INTERNALS CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE			
Rim: 335.66' Rim to Invert: 4.06' Slack: -0.164" Sump: 58.116" Step Position:											
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)  UPSIDE-DOWN VIEW (int. dimenions) 					
INSIDE WALL DIMENSIONS (P1) 											
Coating (Int): Coating (Ext):			Seam Up: Tongue Seam Dn: n/a		Wall Thickness: 6" Floor Height: 8"		Height (Int): 18" Height (Ext): 26"		Weight (Net): 4612 lb Volume (Net): 1.18cu.yd		

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements

Job Location: Fort Mitchell, KY 41017

Contractor: Lykins Contracting

Plant: 100

3/26/2026 2:15:20 PM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301563

P2 MH060RSVF-D

MH RISER w/DROP Custom Ht T/G

P5) 24" - CASTING HEIGHT - 7"

P4) 48" - CON CONE w/24" HOLE F/G - 36"

P3) 60" - MH Transition Slab 48" Hole T/G - 15"

P2) 60" - MH RISER w/DROP Custom Ht T/G - 51"

P1) 60" - MH BASE w/DROP T/n - 48"

1) 60" - MH INVERT CHANNEL - FULL HEIGHT

1) SECONDARY POUR - Add Exterior Drop to Base (P1)

1) SECONDARY POUR - Add Exterior Drop to Riser (P2)

2) 60" - Conseal CS-102 1.00" (Double)

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

2) A-Lok - 1235

1) Drop Tee - 8" PVC

1) Drop Elbow - 8" PVC

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

0 lb

2252 lb

2204 lb

5295 lb

6361 lb

2692 lb

2408 lb

2193 lb

0 lb

0 lb

2 lb

0 lb

0 lb

0 lb

Structure Total: 23408 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: PER ASTM A615

4. STEPS AT 75 DEGREES

5. 7" CASTING SUPPLIED BY OTHERS

6. EXTERIOR DROP AT INVERTS 2 & 4 SUPPLIED BY ICAST

First Pour (Riser): 5,295 LBS

Second Pour (Drop): 2,193 LBS

Rim: 757.31'

Rim to Invert: 13.07'

Slack: 2.84"

Sump: 3"

Step Position: 75°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (°)	Offset
Invert 1										
Invert 2	749.9'	118°	74.125"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.529"	17.875"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

(P5)

(P4)

(P3)

(P2) <<

(P1)

Invert: 2

Degree: 118°

Horz: 61.75"

Hole: 8.5"

Up(°): 17.875"

Step: 75°

Horz: 39.25"

+ 0°-

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

61.75"

17.875"

EXT

51"

(P2)

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 6"

Floor Height: 0"

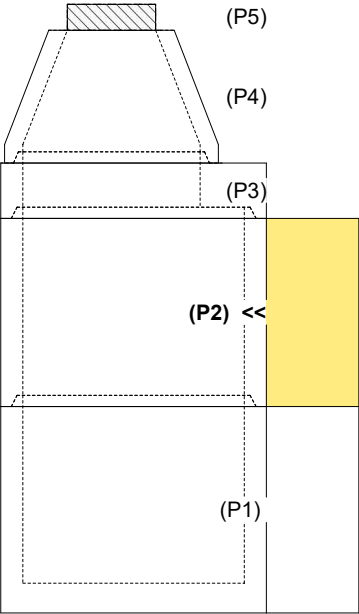
Height (Int): 51"

Height (Ext): 51"

Weight (Net): 5295 lb

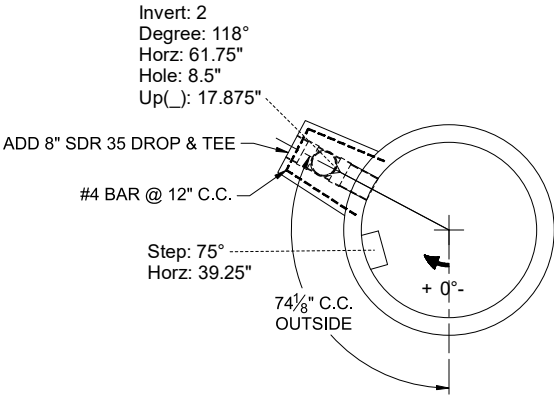
Volume (Net): 1.35cu.yd

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting				Plant: 100 3/26/2026 2:15:20 PM		Tech: J. Horsley - A PC: Celina Goff				
Structure ID: 2301563										
P2 MH060RSVF-D				MH RISER w/DROP Custom Ht T/G						
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 36" P3) 60" - MH Transition Slab 48" Hole T/G - 15" P2) 60" - MH RISER w/DROP Custom Ht T/G - 51" P1) 60" - MH BASE w/DROP T/n - 48" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) SECONDARY POUR - Add Exterior Drop to Base (P1) 1) SECONDARY POUR - Add Exterior Drop to Riser (P2) 2) 60" - Conseal CS-102 1.00" (Double) 1) 48" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1235 1) Drop Tee - 8" PVC 1) Drop Elbow - 8" PVC 11) MH Step ML-10-TDS-NCR - 10"					0 lb 2252 lb 2204 lb 5295 lb 6361 lb 2692 lb 2408 lb 2193 lb 0 lb 0 lb 2 lb 0 lb 0 lb 0 lb Structure Total: 23408 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. EXTERIOR DROP REINFORCEMENT: DRILL & STUB #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. STEPS AT 75 DEGREES 5. 7" CASTING SUPPLIED BY OTHERS 6. EXTERIOR DROP AT INVERTS 2 & 4 SUPPLIED BY ICAST 7. ADD 8" SDR 35 DROP & TEE AT INVERT 2 (118°) FIRST POUR (RISER): 5,295 LBS SECOND POUR (DROP): 2,193 LBS			
Rim: 757.31' Rim to Invert: 13.07' Slack: 2.84' Sump: 3' Step Position: 75°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (°)	Offset
Invert 1										
Invert 2	749.9'	118°	74.125"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.529"	17.875"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



(P5)
(P4)
(P3)
(P2) <<
(P1)

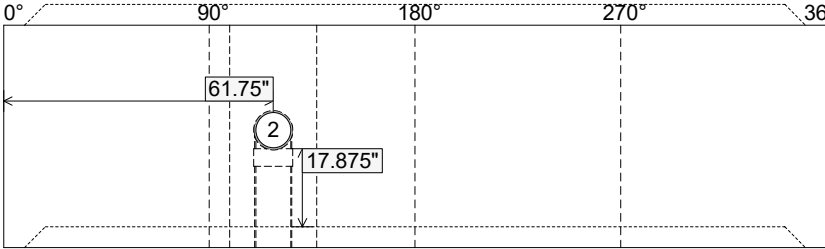
RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 2
Degree: 118°
Horz: 61.75"
Hole: 8.5"
Up(°): 17.875"

ADD 8" SDR 35 DROP & TEE
#4 BAR @ 12" C.C.
Step: 75°
Horz: 39.25"
74 1/8" C.C. OUTSIDE
+ 0°

INSIDE WALL DIMENSIONS



0° 90° 180° 270° 360°

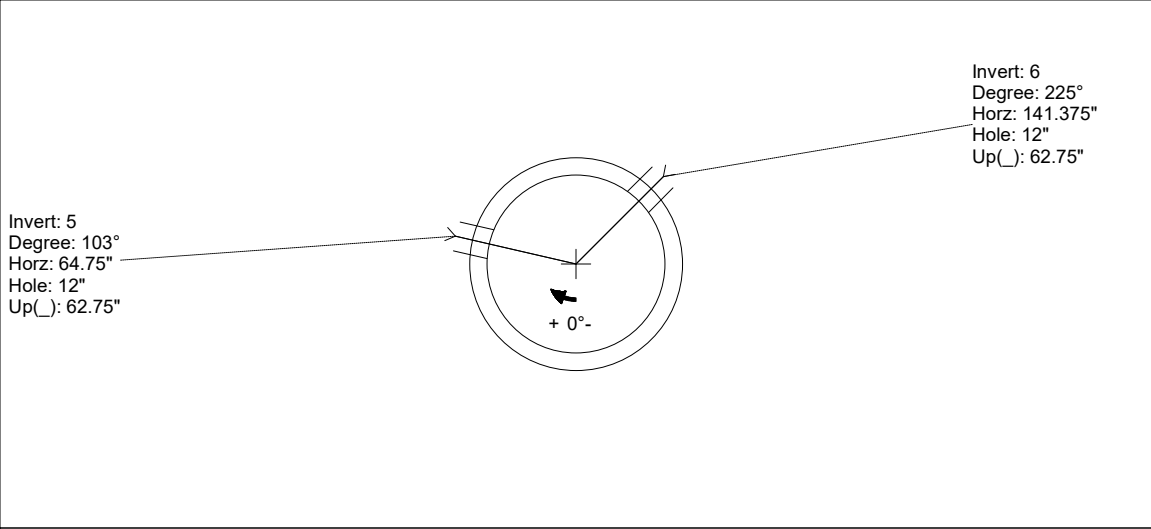
61.75"
17.875"
51"

(P2)

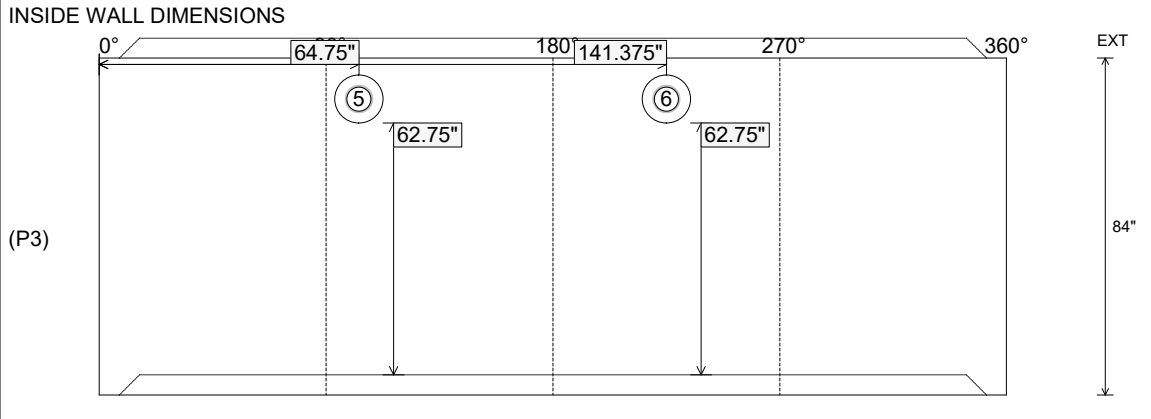
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 6" Floor Height: 0"	Height (Int): 51" Height (Ext): 51"	Weight (Net): 5295 lb Volume (Net): 1.35cu.yd
----------------------------------	------------------------------------	--	--	--

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100 6/2/2026 7:32:40 PM		Tech: Jared - F PC: J Jarvis						
Structure ID: SCUM W.W.													
P3 MH072RS84			MH RISER T/G										
P6) 30" x 60" - CASTING HEIGHT - 0" P5) 72" - MH FLAT TOP w/30"x60" Hatch F/G - 15" P4) 72" - MH RISER Custom Ht T/G - 62" P3) 72" - MH RISER T/G - 84" P2) 72" - MH RISER T/G - 84" P1) 72" - MH BASE EF Cust. Ht. 12"F (8"EF =102"OD) T/n - 72" 1) JOINT WRAP - 12" WD x 084" MH MAC WRAP 1) HATCH (Alum.) - HALLIDAY W1S 30"x60" 4) 72" - Conseal CS-231 1.00" (Double) 2) Z-Lok - C107-6 1) PSX - 8QRS-S NYLO 1) PSX - 12M NYLO 2) PSX - 12-06 NYLO						0 lb 4044 lb 8896 lb 12112 lb 12179 lb 18724 lb 0 lb 102 lb 0 lb 2 lb 6 lb 8 lb 16 lb ----- Structure Total: 56090 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. HATCH SUPPLIED BY I-CAST (HALLIDAY W1S 30"X60"). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. (DOUBLE MAT) - RISER/WALLS (As .12) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W. (DOUBLE MAT)					
Rim: 454'		Rim to Invert: 19.3'		Slack: -0.2"		Sump: 85.2"		Step Position:					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset			
Invert 1													
Invert 2													
Invert 3													
Invert 4													
Invert 5	446.5'	103°	77.25"	6" DI	6.875"	PSX 12-06 NYLO	12"	12.056"	62.75"	0"			
Invert 6	446.5'	225°	168.875"	6" DI	6.875"	PSX 12-06 NYLO	12"	12.056"	62.75"	0"			
Invert 7													
Invert 8													

RIGHT-SIDE UP VIEW (int. dimensions)



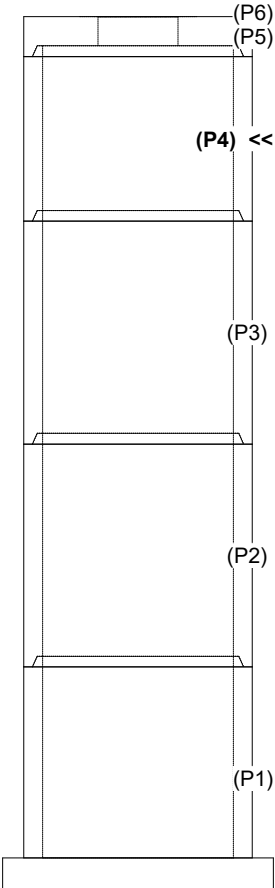
INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 7" Floor Height: 0"	Height (Int): 84" Height (Ext): 84"	Weight (Net): 12112 lb Volume (Net): 3.09cu.yd
----------------------------------	------------------------------------	--	--	---

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100 6/2/2026 7:32:41 PM		Tech: Jared - F PC: J Jarvis				
Structure ID: SCUM W.W.											
P4 MH072RSVF		MH RISER Custom Ht T/G									
P6) 30" x 60" - CASTING HEIGHT - 0" P5) 72" - MH FLAT TOP w/30"x60" Hatch F/G - 15" P4) 72" - MH RISER Custom Ht T/G - 62" P3) 72" - MH RISER T/G - 84" P2) 72" - MH RISER T/G - 84" P1) 72" - MH BASE EF Cust. Ht. 12"F (8"EF =102"OD) T/n - 72" 1) JOINT WRAP - 12" WD x 084" MH MAC WRAP 1) HATCH (Alum.) - HALLIDAY W1S 30"x60" 4) 72" - Conseal CS-231 1.00" (Double) 2) Z-Lok - C107-6 1) PSX - 8QRS-S NYLO 1) PSX - 12M NYLO 2) PSX - 12-06 NYLO					0 lb 4044 lb 8896 lb 12112 lb 12179 lb 18724 lb 0 lb 102 lb 0 lb 2 lb 6 lb 8 lb 16 lb ----- Structure Total: 56090 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. HATCH SUPPLIED BY I-CAST (HALLIDAY W1S 30"x60"). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. (DOUBLE MAT) - RISER/WALLS (As .12) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W. (DOUBLE MAT)				
Rim: 454'		Rim to Invert: 19.3'		Slack: -0.2"		Sump: 85.2"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 7	449.5'	0°	-12.125"	6" DI	6.875"	Z-Lok C107-6	10.75"	11.469"	15.375"	-12"	
Invert 8	449.5'	0°	12.125"	6" DI	6.875"	Z-Lok C107-6	10.75"	11.469"	15.375"	12"	
Invert 9	448.5'	0°	0"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.017"	3.75"	0"	
Invert 10											
Invert 11											
Invert 12											
Invert 13											
Invert 14											

RIGHT-SIDE UP VIEW (int. dimensions)



(P6)
(P5)
(P4) <<
(P3)
(P2)
(P1)

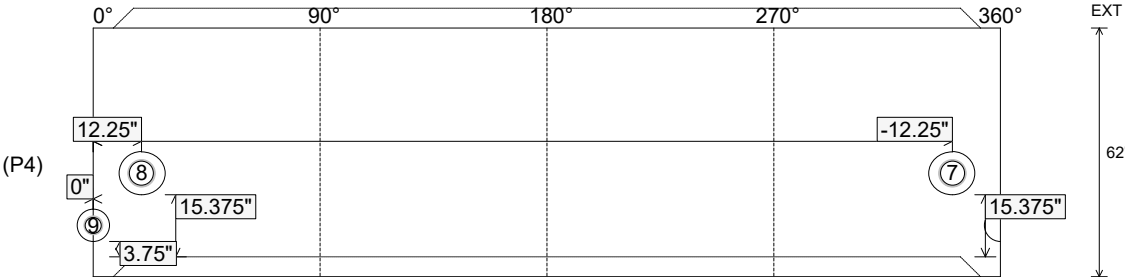
Invert: 9
Degree: 0°
Horz: 0"
Hole: 8"
Up(): 3.75"

Invert: 8
Degree: 0°
Horz: 0"
Hole: 10.75"
Up(): 15.375"

Invert: 7
Degree: 0°
Horz: 0"
Hole: 10.75"
Up(): 15.375"

24" C.C

INSIDE WALL DIMENSIONS



0° 90° 180° 270° 360°

12.25" 15.375" 3.75" 15.375"

EXT 62"

(P4) (7) (8) (9)

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 7" Floor Height: 0"	Height (Int): 62" Height (Ext): 62"	Weight (Net): 8896 lb Volume (Net): 2.27cu.yd
----------------------------------	------------------------------------	--	--	--

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion

Job Location: Shepherdsville, KY

Contractor: Pace Contracting, LLC

Plant: 100

5/29/2026 3:22:50 PM

Tech: Jared - F

PC: J Jarvis



Structure ID: MH-14

P2 MH084RSVF

MH RISER Custom Ht T/G

P4) 24" - CASTING HEIGHT - 7"

P3) 84" - MH FLAT TOP w/24" ECC Hole F/G - 17"

P2) 84" - MH RISER Custom Ht T/G - 15"

P1) 84" - MH BASE T/n - 96"

1) Chimney Seal - Cretex Chimney Seal

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

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

1) 84" - MH INVERT CHANNEL - FULL HEIGHT

1) CASTING - HOE MC-375-WT F/C Sanitary

2) 84" - Conseal CS-102 1.00" (Double)

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

2) Kor-N-Seal2 - S206-42

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

0 lb

7959 lb

2910 lb

21965 lb

10 lb

0 lb

0 lb

5422 lb

271 lb

0 lb

0 lb

13 lb

0 lb

Structure Total: 38550 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. CASTING SUPPLIED BY I-CAST (HOE MC-375-WT F/C SANITARY).

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W.

- RISER/WALLS (As .12)

- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 442'

Rim to Invert: 11'

Slack: 0"

Sump: 3"

Step Position: 90°

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: 90°

Horz: 66"

+ 0°-

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

(P2)

EXT

15"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 8"

Floor Height: 0"

Height (Int): 15"

Height (Ext): 15"

Weight (Net): 2910 lb

Volume (Net): 0.74cu.yd

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion
Job Location: Shepherdsville, KY
Contractor: Pace Contracting, LLC

Plant: 100

6/2/2026 8:27:08 PM

Tech: Jared - F

PC: J Jarvis



Structure ID: PROCESS RETURN V.V.

P2 MH096LD17SP

MH TOP SLAB w/60"x60" Hatch F/G

P3) 60" x 60" - CASTING HEIGHT - 0"
P2) 96" - MH TOP SLAB w/60"x60" Hatch F/G - 17"
P1) 96" - MH BASE EF Cust. Ht. 12"F (14"EF = 142"OD) T/n - 91"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) HATCH (Alum.) - HALLIDAY W2S 60"x60"
1) 96" - Conseal CS-102 1.00" (Double)
1) 60" x 60" - Conseal CS-102 1.00" (Double)
3) Z-Lok - C107-8
1) PSX - 8QRS-S NYLO

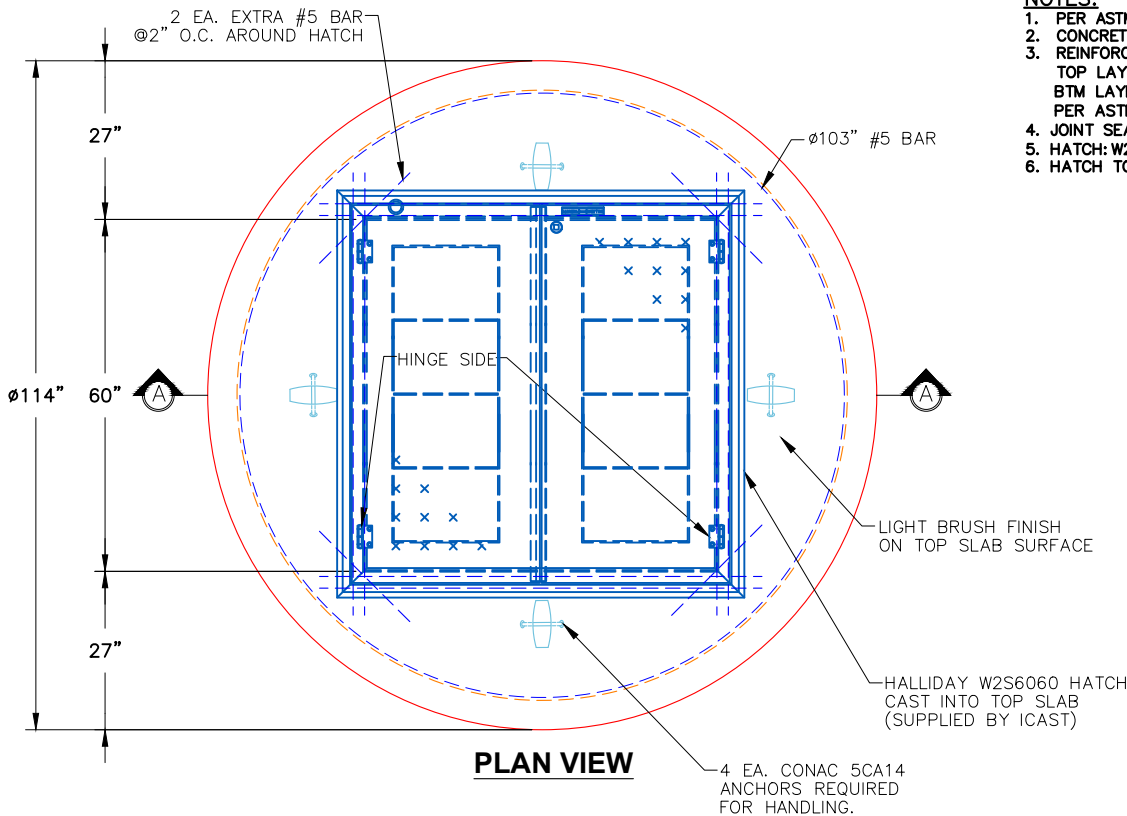
0 lb
7554 lb
38233 lb
0 lb
0 lb
177 lb
0 lb
0 lb
0 lb
3 lb
6 lb

Structure Total: 45973 lb

Structure Notes:

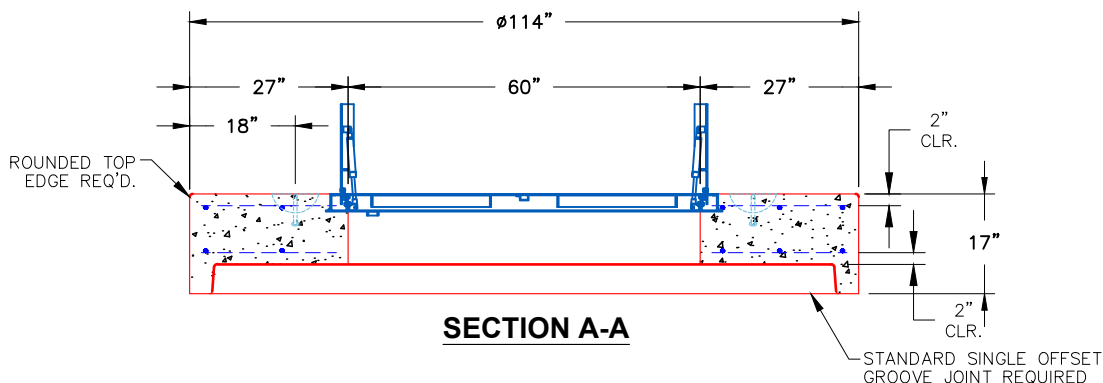
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. HATCH SUPPLIED BY I-CAST (HALLIDAY W2S 60"x60").

REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. (DOUBLE MAT)
- RISER/WALLS (As .24)
- FLOOR (As .37) #5 BARS AT 8" C.C.E.W. (DOUBLE MAT)



NOTES:

1. PER ASTM C-478 LATEST REVISION
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCEMENT:
TOP LAYER - #5 BAR @ 6" C.C.E.W.
BTM LAYER - #5 BAR @ 6" C.C.E.W.
PER ASTM A615 (GRADE 60).
4. JOINT SEALANT - 1" CS-102-DOUBLE
5. HATCH: W2S 60"x60" HATCH IS PROVIDED BY ICAST.
6. HATCH TO BE CAST INTO TOP SLAB.



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 9"

Height (Ext): 17"

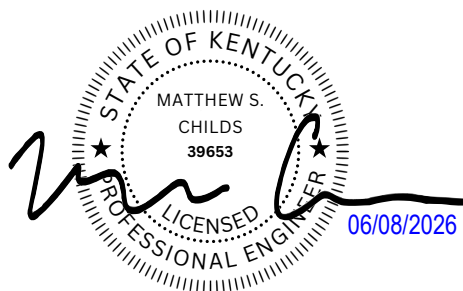
Weight (Net): 7554 lb
Volume (Net): 1.93cu.yd



BOX CULVERT (12W/12F/12T) T/G

Weight (Net): 48363 lb
Volume (Net): 12.35cu.yd

Project: Mooch Road
Product: 14' x 12' Box Culvert
Job: 26-2254
Design No.:
Location: Wilder, KY
Reference #:



MATT CHILDS ENGINEERING, PLLC

Project : City of Wilder
Task : 14x12 15' Fill
Job No. :

Client: ICast
File: 20260605-ICast-CityofWilder-14x12(15'Fill).etcx

Sht ____ of ____
By:MBJ
Ck:
6/5/2026 4:35:08 PM
p. 1 of 2

Spec.: LRFD 9th ed.
Type of Culvert: Precast

Physical Dimensions

Clear Span:	14'-0"
Clear Height:	12'-0"
Top Slab:	1'-0"
Bottom Slab:	1'-0"
Ext. Wall:	1'-0"
Fill Depth:	15.00 ft
Length:	4'-0"
Skew Angle:	0.00 deg
Bottom Slab Support:	Full Slab
Top Haunch, Width:	1'-0"
Top Haunch, Height:	1'-0"
Bottom Haunch, Width:	1'-0"
Bottom Haunch, Height:	1'-0"

Material Properties

Concrete
Strength, f'_c : 5.000 ksi
Density: 0.150 kcf
Elasticity, E_c : 3834 ksi
Type: Normal wt

Steel
Yield, f_y : 65 ksi
Allow Stress: 39 ksi
Elasticity, E_s : 29000 ksi

Soil
Density: 0.120 kcf

Exposure Factor
Class 2 Exposure
Reinforcement Covers
Ext. Cover Top Slab: 1"
Ext. Cover Bottom Slab: 1"
Ext. Cover Walls: 1"
Int. Cover Walls: 1"
Int. Cover Top Slab: 1"
Int. Cover Bottom Slab: 1"

Controlling Ratings

Inventory Rating: 5.85
Operating Rating: 7.59

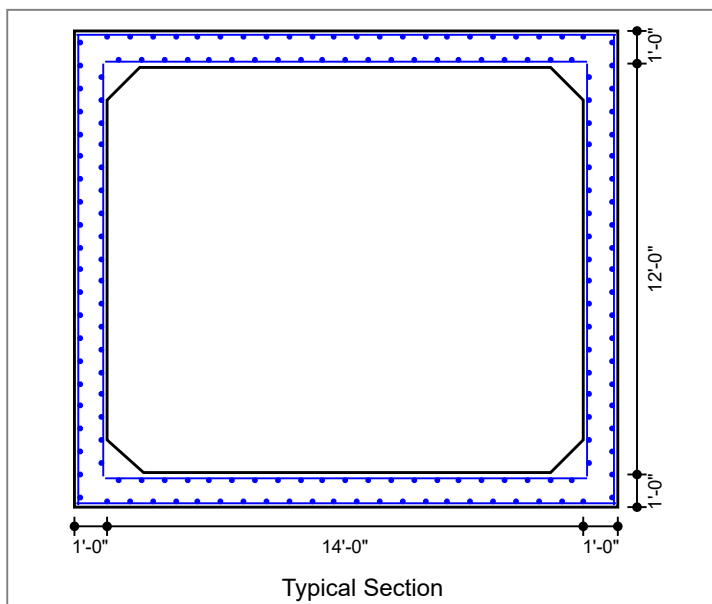
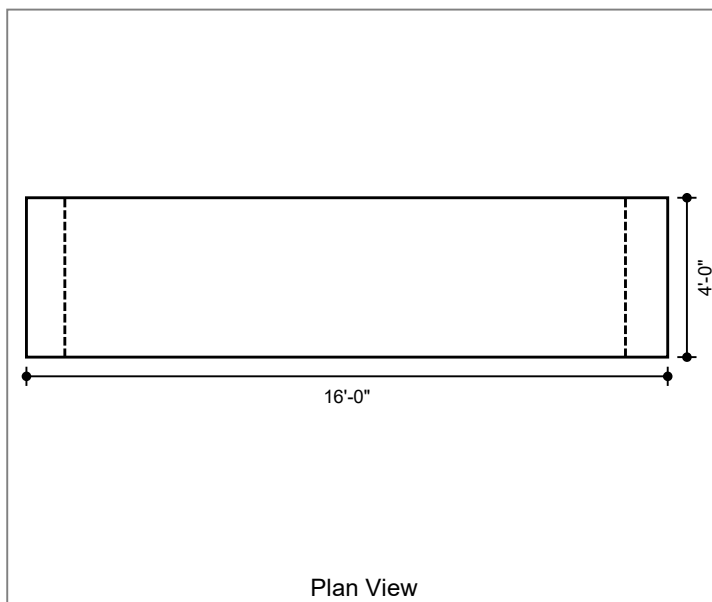
Loads

Live Load
Vehicle Names: HL-93
Traffic Direction: Parallel
Eq. Height of Soil: 2.00 ft (Calc'd)

Dead Load
Future Wearing Surface: 0.000 klf
Additional Dead Load: 0.000 klf
Concentrated Loads: none

Lateral Soil Loads
Eq. Fluid Press. Max: 60.00 pcf
Eq. Fluid Press. Min: 30.00 pcf

Interior Water Pressure: yes, head pressure = 0 ft
Exterior Water Pressure: no



MATT CHILDS ENGINEERING, PLLC

Sht ____ of ____

By:MBJ

Ck:_____

6/5/2026 4:35:09 PM

p. 2 of 2

Project : City of Wilder

Task : 14x12 15' Fill

Job No. :

Client: ICast

File: 20260605-ICast-CityofWilder-14x12(15'Fill).etcx

Concrete Summary

Volume of Concrete: 2.148 cy/ft Total Volume of Concrete: 8.593 cy

Reinforcing Steel Bar Schedule (lb)

Location	Mark	Sheets Included	As Provided
Top Slab(Int)	A100 (AS2)	Top	1.200
Bot Slab(Int)	A200 (AS3)	Bot	1.290
Top Slab(Ext)	A300 (AS7)	Top	0.300
Bot Slab(Ext)	A400 (AS8)	Bot	0.300
Corner(Top)	A1 (AS1)	Top	0.780
Corner(Bot)	A2 (AS1)	Bot	0.780
Wall(Int)	B1 (AS4)	L&R	0.300
Wall(Ext)	B2 (AS1)	L&R	0.780
Longit. Top (Int)	C100 (AS5)	Top	0.150
Longit. Bot (Int)	C200	Bot	0.150
Longit. Top (Ext)	C1 (AS6)	Top	0.150
Longit. Bot (Ext)	C1 (AS6)	Bot	0.150
Longit. Wall (Ext)	C1 (AS6)	L&R	0.150
Longit. Wall (Int)	C1 (AS6)	L&R	0.150

Job Name: 24-1643B - KYTC McCracken Co. Call 200 (ID 241301)
Job Location: Paducah, KY
Contractor: Jim Smith Contracting Co, LLC

Plant: 100

5/28/2026 7:52:50 AM

Tech: J. Horsley

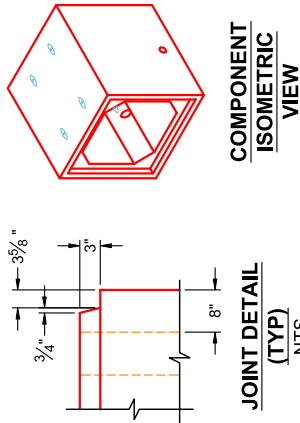
PC: C. Goff



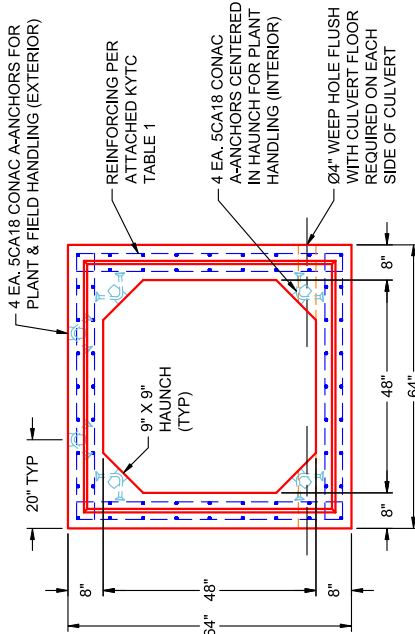
Structure ID: St. 45+00 (PC 11)

P1 BC048048-08WLF-9H

BOX CULVERT (08W/08F/08T) G/T

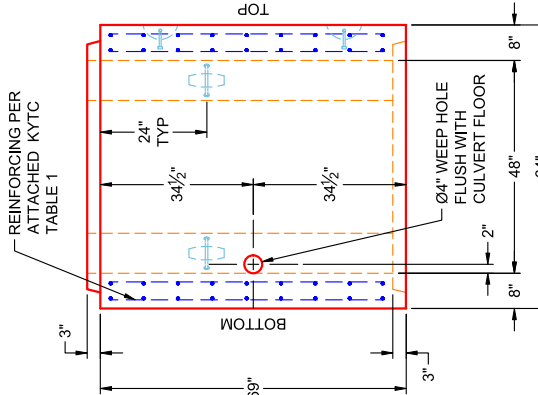


COMPONENT
ISOMETRIC
VIEW

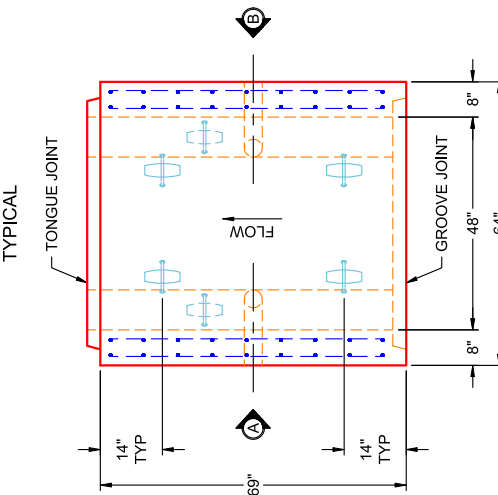


JOINT DETAIL
(TYP)
NTS

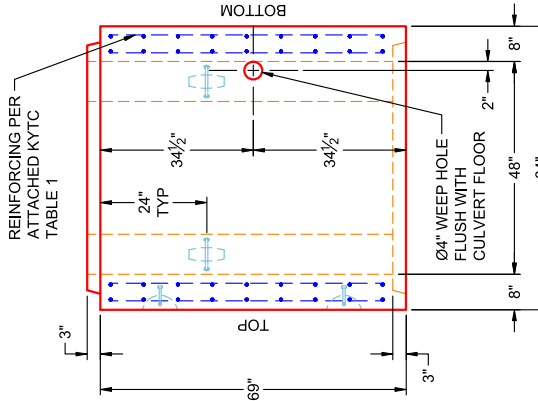
END VIEW
TYPICAL



VIEW A
PC 11
(UPRIGHT IN MOLD)



PLAN VIEW
PC 11
(UPRIGHT IN MOLD)



VIEW B
PC 11
(UPRIGHT IN MOLD)

- GENERAL NOTES:**
- PER SECTION 605 OF KYTC STANDARD SPECS FOR ROAD & BRIDGE CONSTRUCTION
- KYTC STAMP REQUIRED
- WEEP HOLES REQUIRED
 - LOAD REQUIREMENTS: KY-HL93 (KY TABLE 1)
 - REINFORCEMENT PER ATTACHED KYTC TABLE 1
 - COVER DEPTH: 0' - 7'
 - CONCRETE: 5,000 PSI AT 28 DAYS
 - JOINT SEALANT: 1" BUTYL MASTIC (CS-102)
EXTERIOR JOINT WRAP: 12" WIDE (CS-212)
 - WEIGHT: 4' X 4' RCBC = 1,968 LBS / LF
(5-9' LONG SECTION = 11,314 LBS)

PRODUCTION WORK ORDER



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED INSIDE.
- ☐ RECESS WITH HAUNCHES CORRECT.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ LIFTERS INSTALLED OUTSIDE.
- ☐ PRODUCT SQUARE.

PRODUCT I.D.: BC048048-08WLF-9H

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY

WEIGHT: 11,314 LBS

TOP SECTION JOINT: TONGUE

BASE SECTION JOINT: GROOVE

QC CHECK INITIALS:

DESCRIPTION: 48" X 48" X 69" BOX CULVERT (8" WALLS & 9" HAUNCH)

CUSTOMER: JIM SMITH CONTRACTING

PROJECT: KYTC MCCracken CO. CALL 200 (ID 241301)

STRUCTURE: ST. 45+00 (PC 11)

ORDER NO: 24-1643B

PE: J.H. ROSS

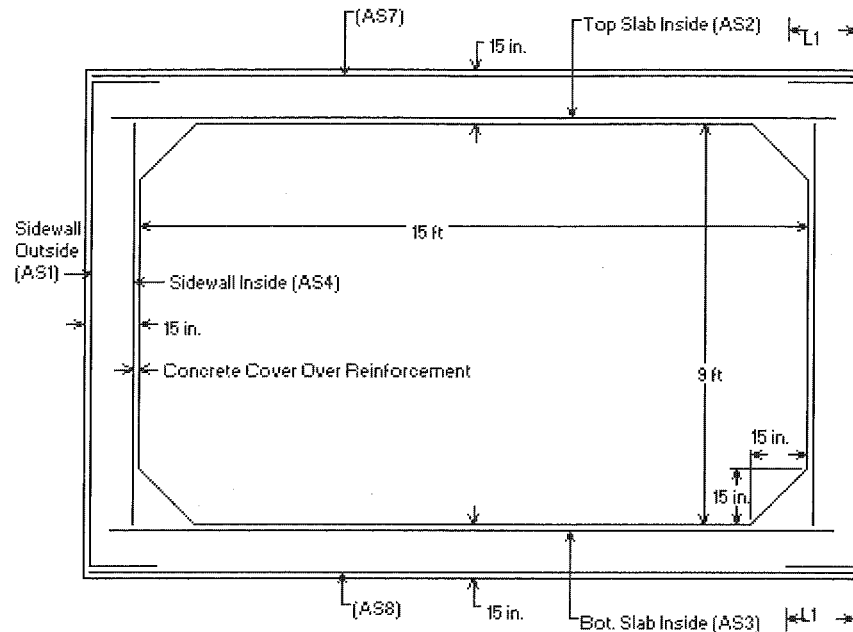
DRAWING: K. CARDWELL

DATE: 05/28/26

SCALE: NTS

PG. 1 OF 1

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- * <L1> is Splice Length
- * (AS7) is Top Slab Outside
- * (AS8) is Bottom Slab Outside
- * See Box Culvert Design Summary Sheet for transverse and distribution reinforcement, as required.
- * For sidewall thicknesses of 6 in. and above, extend AS2 and AS3 a min. of 4 in. beyond the inside face of the sidewall. For thicknesses less than 6 in., extend AS2 and AS3 at least to within 1-1/2 in. of the outside face of the sidewall.

Notes:

- 1) Other reinforcement schemes that provide the required reinforcement areas at all locations identified in the program output are acceptable.
- 2) Longitudinal reinforcement is not shown for clarity, see AASHTO M259 for longitudinal reinforcement and for additional requirements.

KY Table 1

Precast Culvert KYHL-93 Design Table

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
4x3x5	0<2*	0.18	0.705	0.199	0.12	0.18	0.144	0.18	0.18
	2<3	0.198	0.309	0.27	0.12	0.12	0.12		
	3-5	0.123	0.191	0.193	0.12	0.12	0.12		
	10	0.12	0.142	0.146	0.12	0.12	0.12		
	15	0.12	0.193	0.197	0.12	0.12	0.12		
	20	0.152	0.249	0.253	0.12	0.12	0.12		
	25	0.187	0.306	0.31	0.12	0.12	0.12		
	30	0.225	0.366	0.37	0.12	0.12	0.12		
	35	0.263	0.428	0.432	0.12	0.12	0.12		

*top slab 7.5", bottom slab 6"

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
4x4x5	0<2*	0.18	0.745	0.22	0.12	0.18	0.144	0.18	0.18
	2<3	0.154	0.314	0.276	0.12	0.12	0.12		
	3-5	0.12	0.215	0.219	0.12	0.12	0.12		
	10	0.12	0.155	0.162	0.12	0.12	0.12		
	15	0.12	0.21	0.217	0.12	0.12	0.12		
	20	0.124	0.269	0.276	0.12	0.12	0.12		
	25	0.152	0.331	0.339	0.12	0.12	0.12		
	30	0.182	0.396	0.403	0.12	0.12	0.12		
	35	0.213	1.205	0.471	0.12	0.12	0.12		

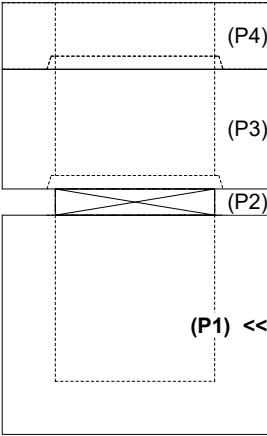
*top slab 7.5", bottom slab 6"

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
5x3x6	0<2*	0.192	0.726	0.201	0.144	0.6	0.168	0.192	0.192
	2<3	0.224	0.288	0.232	0.144	0.144	0.144		
	3-5	0.16	0.205	0.19	0.144	0.144	0.144		
	10	0.144	0.164	0.168	0.144	0.144	0.144		
	15	0.174	0.224	0.228	0.144	0.144	0.144		
	20	0.223	0.288	0.292	0.144	0.144	0.144		
	25	0.276	0.354	0.359	0.144	0.144	0.144		
	30	0.331	0.423	0.427	0.144	0.144	0.144		
	35	0.389	1.349	1.168	0.144	0.144	0.144		

*top slab 8", bottom slab 7"

Job Name: 26-1852 - Oakland City CCMG Job Location: Oakland City, IN Contractor: SAMM Trucking & Excavating, Inc.				Plant: 100 7/15/2026 12:46:34 PM		Tech: J. Horsley PC: J. Jarvis					
Structure ID: QL7 INE7 - Mill & Jackson Street											
P1		BX3030-06W08F-BAVF			BOX BASE 6inW, 8inF, Variable Ht F/n						
P2) 30" x 30" - CASTING HEIGHT - 0" P1) 30" x 30" - BOX BASE 6inW, 8inF, Variable Ht F/n - 37" 1) 30" x 30" - SGL 1"x14.5' Butyl 1) Hole - 20					0 lb 3708 lb 0 lb 0 lb ----- 3708 lb		Structure Notes: 1. INDOT INLET TYPE E / ASTM C913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING (HOE R-4215C GRATE) BY ICAST. 4. RECESS/GRATE SEAT (34.5"x34.5"x1" DEEP) IN TOP OF WALLS. REINFORCING PER ASTM A615 (GRADE 60). - WALLS (As .31) #5 BARS AT 12" C.C.E.W. - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.				
Rim: 3' Rim to Invert: 3' Slack: 0.296" Sump: 1.296" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	0'	0°	21"	15" HDPE	17.6"	Hole 20	20"	20"	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: Flat Seam Dn: n/a		Wall Thickness: 6" Floor Height: 8"		Height (Int): 37" Height (Ext): 45"		Weight (Net): 3708 lb Volume (Net): 0.95cu.yd	

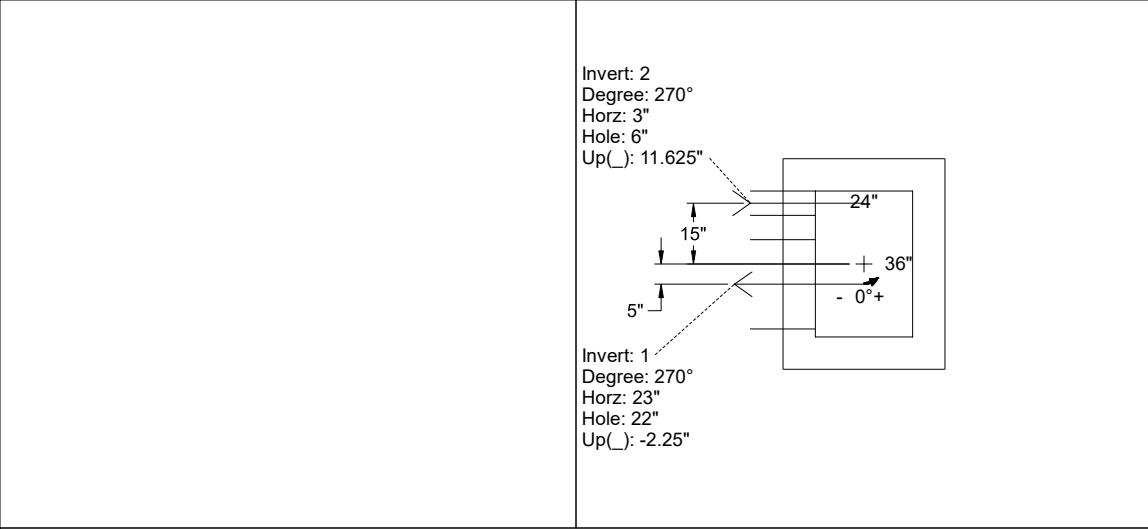
Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018) Job Location: Hopkinsville, KY Contractor: Scotty's Contracting & Stone, LLC					Plant: Beaver Dam 6/26/2026 7:35:29 AM		Tech: J. Horsley PC: C. Goff				
Structure ID: 106											
P1		BX2436-08BVF		BOX BASE 8inW, 8inF, Variable Ht F/n							
P4) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10" P3) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18" P2) 24" x 36" - FIELD ADJUSTMENT - 4" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 25" 1) CASTING - HOE KY-206 F/C (KY TY1) 1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast) 2) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 22 1) Hole - 6					3400 lb 5270 lb 0 lb 3725 lb 206 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 12601 lb		Structure Notes: ** KYTC STATE PROJECT ** STATION: 402+45 LT 1. PER KYTC CBI TYPE A / ASTM C-913 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. HOE KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST - FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP				
Rim: 545.66'		Rim to Invert: 4.75'		Slack: 0"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	540.91'	270°	31"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-2.25"	5"	
Invert 2	541.91'	270°	11"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	11.625"	-15"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



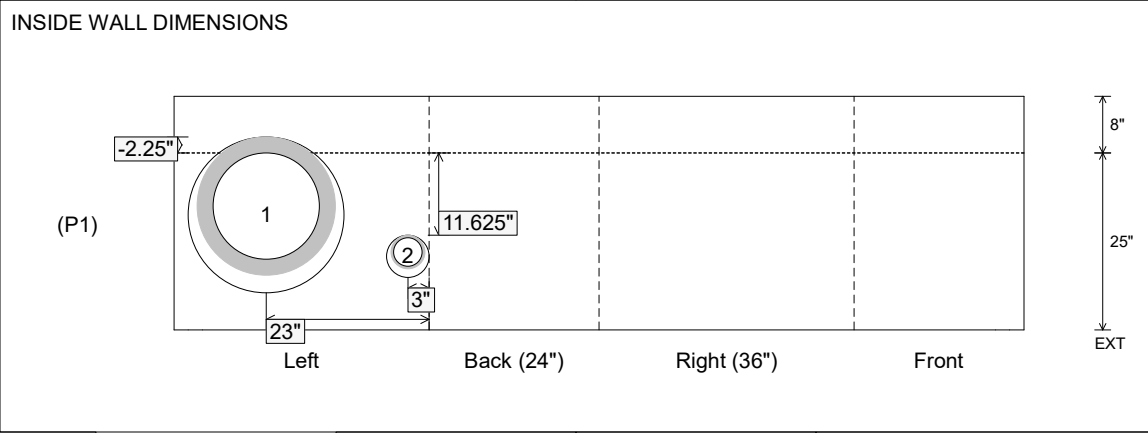
(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 25" Height (Ext): 33"	Weight (Net): 3725 lb Volume (Net): 0.95cu.yd
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Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320)
Job Location: Independence, KY
Contractor: Eaton Asphalt

Plant: 100

6/30/2026 2:46:05 PM

Tech: Jared - A

PC: J. Jarvis



Structure ID: 605

P1 BX2436-08BVF

BOX BASE 8inW, 8inF, Variable Ht

- P3) 24" x 120" - CB INLET KY A 10' TOP RIGHT - 10"
P2) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT - 18"
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 33"
1) CASTING - HOE KY-206 F/C (KY TY1)
1) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 24
2) Hole - 20
2) Hole - 8

Structure Notes:

- ** KYTC STATE PROJECT **
1. HOE KY 206 F/C (KY TY1) PROVIDED BY ICAST.
2. CONCRETE = 4,000 PI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
- TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

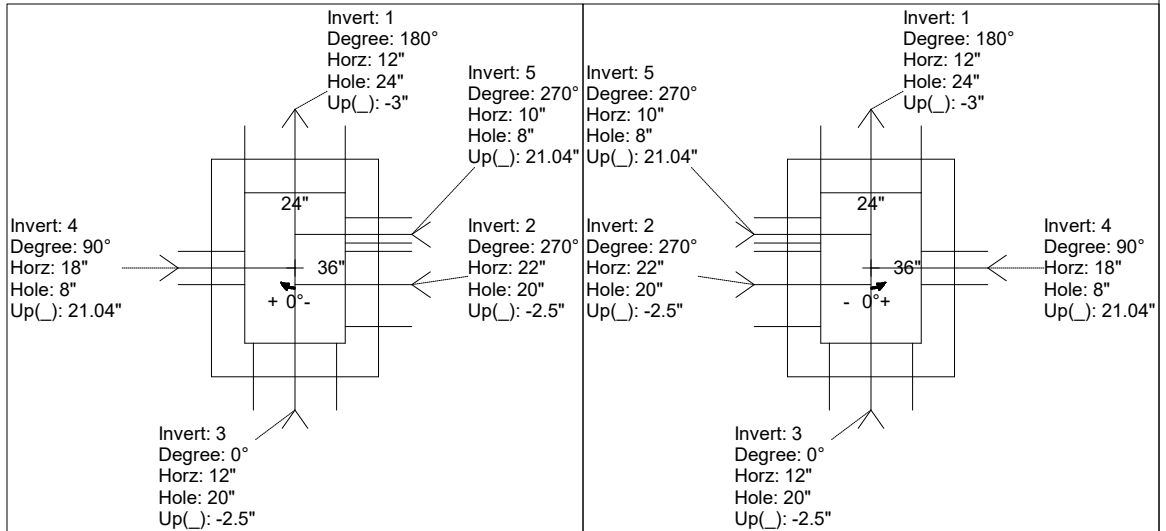
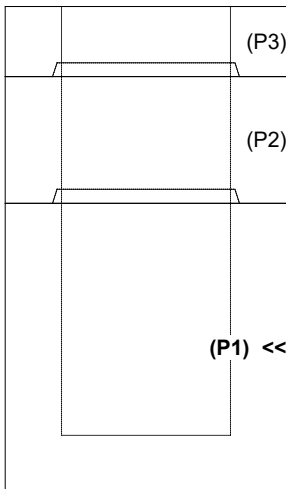
Structure Total: 12920 lb

Rim: 925.49' Rim to Invert: 5.09' Slack: 0.08" Sump: 0" Step Position:

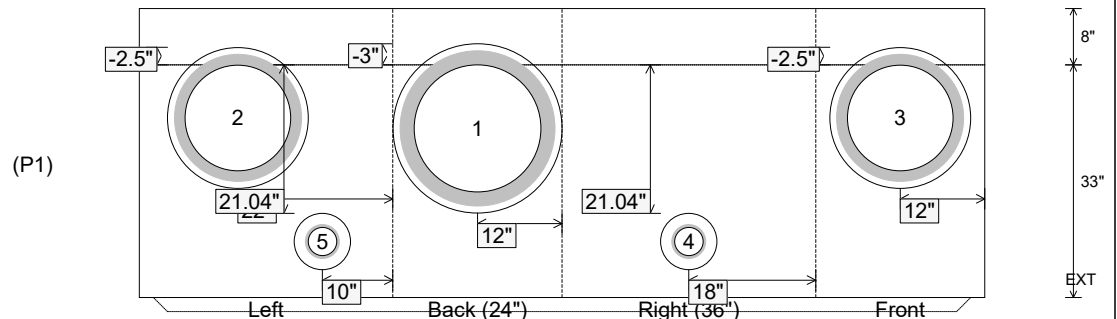
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	920.4'	180°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"
Invert 2	920.4'	270°	30"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	4"
Invert 3	920.4'	0°	20"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"
Invert 4	922.32'	90°	26"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21.04"	0"
Invert 5	922.32'	270°	18"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21.04"	-8"
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

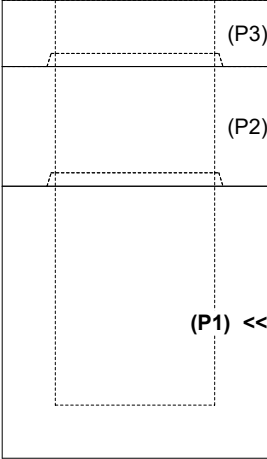
Wall Thickness: 8"
Floor Height: 8"

Height (Int): 33"
Height (Ext): 41"

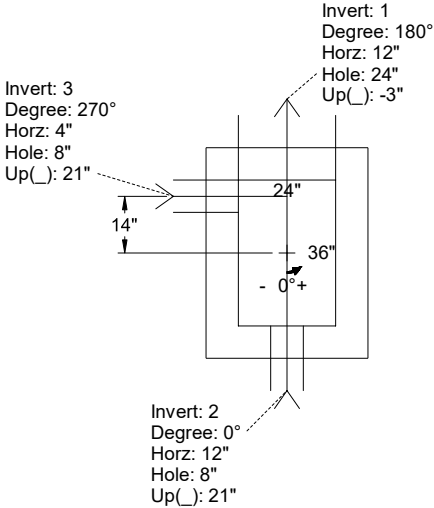
Weight (Net): 4046 lb
Volume (Net): 1.03cu.yd

Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320) Job Location: Independence, KY Contractor: Eaton Asphalt					Plant: 100 6/4/2026 4:50:51 PM		Tech: Jared - A PC: J. Jarvis				
Structure ID: 552											
P1		BX2436-08BVF		BOX BASE 8inW, 8inF, Variable Ht T/n							
P3) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10" P2) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 33" 1) CASTING - HOE KY-206 F/C (KY TY1) 1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast) 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 24 2) Hole - 8					3398 lb 5270 lb 4536 lb 206 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 13410 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. PER KYTC CBI TY A / ASTM C-913 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. NO STORM INVERT 5. NO STEPS 6. KY-206 FRAME & COVER "STORM" SUPPLIED BY iCAST - FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP 7. INVERT 3 OFFSET 14" FROM CENTER OF WALL				
Rim: 829.97' Rim to Invert: 5.09' Slack: 0.08" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	824.88'	180°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"	
Invert 2	826.8'	0°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"	
Invert 3	826.8'	270°	12"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	-14"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

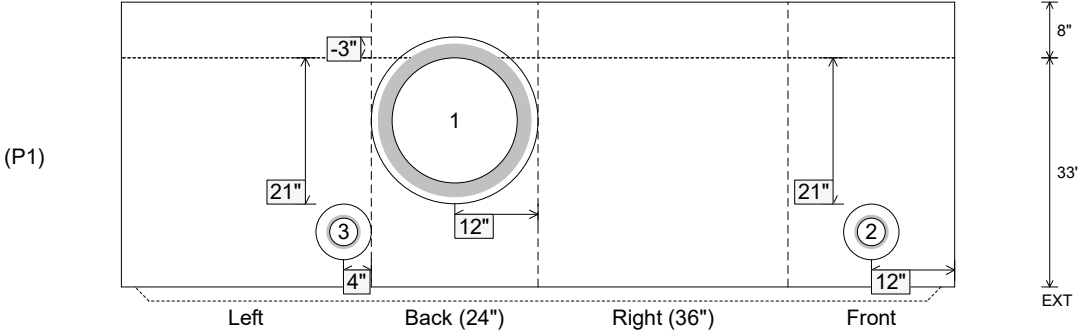
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



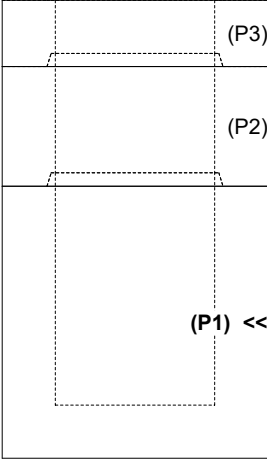
INSIDE WALL DIMENSIONS



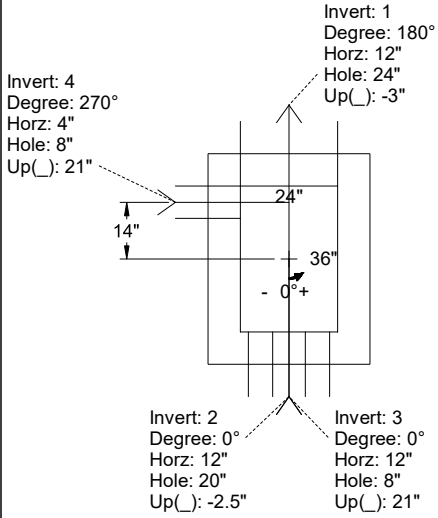
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 33" Height (Ext): 41"	Weight (Net): 4536 lb Volume (Net): 1.16cu.yd
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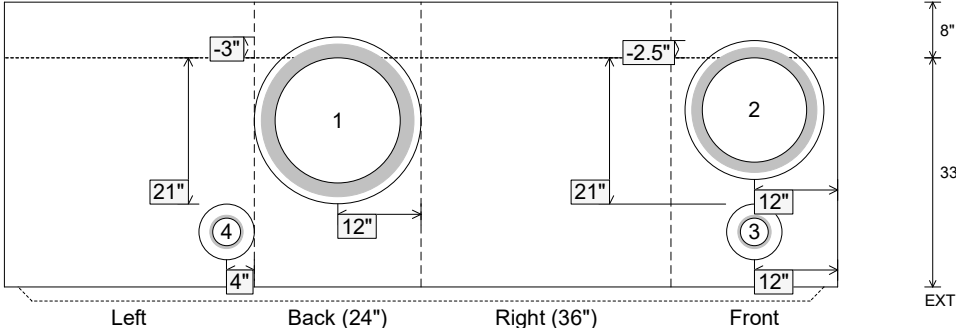
Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320) Job Location: Independence, KY Contractor: Eaton Asphalt				Plant: 100 6/4/2026 4:51:54 PM		Tech: Jared - A PC: J. Jarvis				
Structure ID: 525										
P1 BX2436-08BVF BOX BASE 8inW, 8inF, Variable Ht T/n										
P3) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10" P2) 24" x 120" - CB INLET KY A 10' BOTTOM SAG T/G - 18" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 33" 1) CASTING - HOE KY-206 F/C (KY TY1) 1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast) 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 24 1) Hole - 20 2) Hole - 8						3398 lb 5270 lb 4325 lb 206 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 13199 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. PER KYTC CBI TY A / ASTM C-913 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. NO STORM INVERT 5. NO STEPS 6. KY-206 FRAME & COVER "STORM" SUPPLIED BY iCAST - FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP 7. INVERT 4 OFFSET 14" FROM CENTER OF WALL		
Rim: 835.53' Rim to Invert: 5.09' Slack: 0.08" Sump: 0" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	830.44'	180°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"
Invert 2	830.44'	0°	20"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"
Invert 3	832.36'	0°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"
Invert 4	832.36'	270°	12"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	-14"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

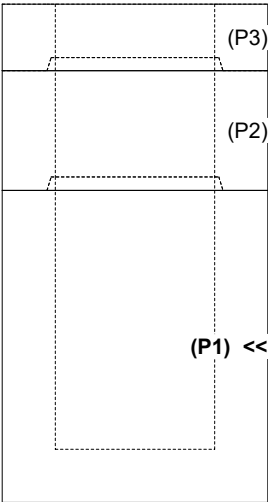


INSIDE WALL DIMENSIONS				
(P1)				

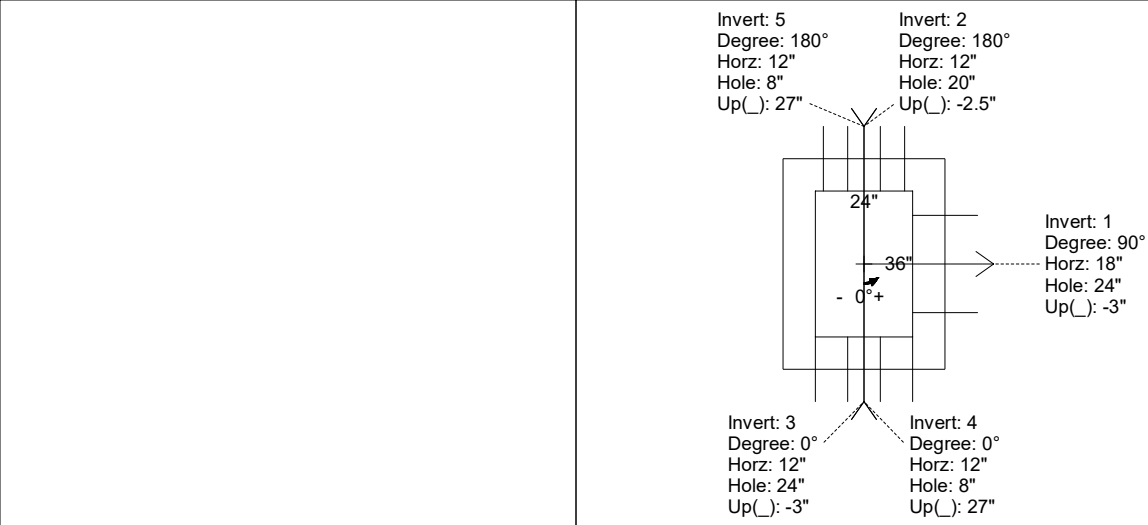
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 33" Height (Ext): 41"	Weight (Net): 4325 lb Volume (Net): 1.1cu.yd
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Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320) Job Location: Independence, KY Contractor: Eaton Asphalt					Plant: 100 6/4/2026 4:50:50 PM		Tech: Jared - A PC: J. Jarvis				
Structure ID: 551											
P1		BX2436-08BVF		BOX BASE 8inW, 8inF, Variable Ht T/n							
P3) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10" P2) 24" x 120" - CB INLET KY A 10' BOTTOM SAG T/G - 18" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 39" 1) CASTING - HOE KY-206 F/C (KY TY1) 1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast) 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 24 1) Hole - 20 2) Hole - 8					3398 lb 5270 lb 4566 lb 206 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 13440 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. PER KYTC CBI TY A / ASTM C-913 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. NO STORM INVERT 5. NO STEPS 6. KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST - FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP				
Rim: 829.84' Rim to Invert: 5.59' Slack: 0.08" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	824.25'	90°	26"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"	
Invert 2	824.25'	180°	20"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"	
Invert 3	824.25'	0°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"	
Invert 4	826.67'	0°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	27"	0"	
Invert 5	826.67'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	27"	0"	
Invert 6											
Invert 7											
Invert 8											

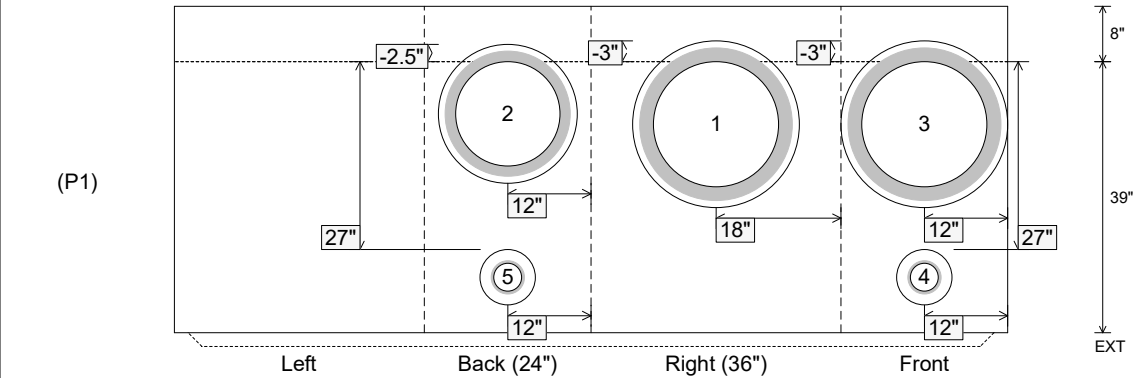
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

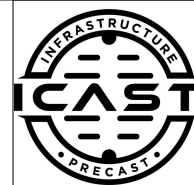


Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 39" Height (Ext): 47"	Weight (Net): 4566 lb Volume (Net): 1.17cu.yd
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Job Name: 25-3062 Portland Bypass
Job Location: Portland, TN
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam
6/1/2026 8:23:13 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-39

P1 BX3648-08BA48

BOX BASE 8inW, 8inF

- P4) 28" x 34" - CASTING HEIGHT - 7"
P3) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) - 10"
P2) 36" x 48" - BOX RISER 8inW, Variable Ht - 23"
P1) 36" x 48" - BOX BASE 8inW, 8inF - 48"
1) CASTING - JBS-3123 MODIFIED SET
2) 36" x 48" - Conseal CS-102 1.00"
1) 28" x 34" - Conseal CS-102 1.00"
2) Hole - 26"
1) Hole - 6"

0 lb
2044 lb
3074 lb
7966 lb
250 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 13333 lb

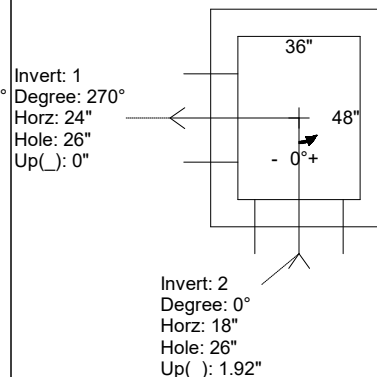
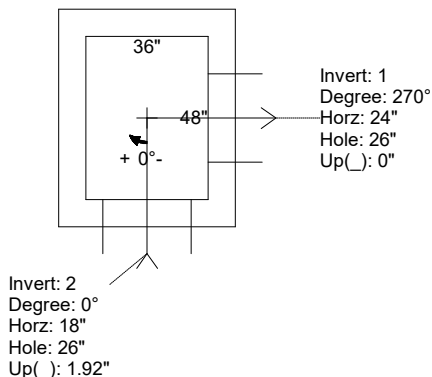
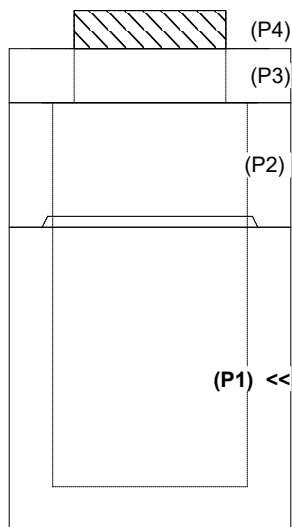
Structure Notes:
1. PER TDOT D-CB-12S / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. JBS 3123 MOD SINGLE SET BY ICAST
5. REINFORCING PER ASTM A615 (GRADE 60).
** SEE TDOT STD DRAWING D-CB-12S **
- TOP SLAB - DBL MAT #5 BARS.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 813.65' Rim to Invert: 7.14' Slack: 0.18' Sump: 2.5' Step Position:

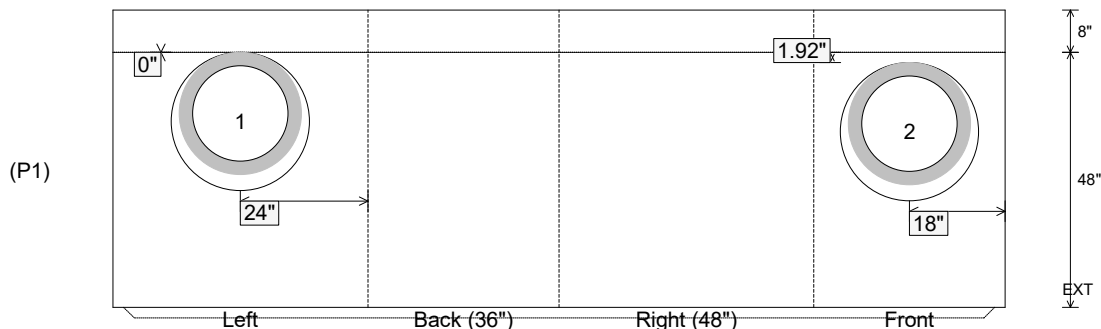
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	806.51'	270°	32"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2	806.67'	0°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	1.92"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
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: 8"
Floor Height: 8"

Height (Int): 48"
Height (Ext): 56"

Weight (Net): 7966 lb
Volume (Net): 2.04cu.yd

Job Name: 25-3062 Portland Bypass
Job Location: Portland, TN
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam
6/1/2026 8:23:09 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-35

P1 BX4848-08BA60

BOX BASE 8inW, 8inF

- P4) 28" x 34" - CASTING HEIGHT - 7"
P3) 48" x 48" - BX FLAT LID 8"W - TDOT 12SB (28"x34" Hole) - 10"
P2) 48" x 48" - BOX RISER 8inW, Variable Ht - 50"
P1) 48" x 48" - BOX BASE 8inW, 8inF - 60"
1) CASTING - JBS-3123 MODIFIED SET
2) 48" x 48" - Conseal CS-102 1.00"
1) 28" x 34" - Conseal CS-102 1.00"
1) Hole - 46
1) Hole - 32
1) Hole - 39
1) Hole - 6

- Structure Notes:
1. PER TDOT D-CB-12SB / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. JBS 3123 MOD SINGLE SET BY ICAST
4. REINFORCING PER ASTM A615 (GRADE 60).
** SEE TDOT STD DRAWING D-CB-12SB **
- TOP SLAB - DBL MAT #5 BARS.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

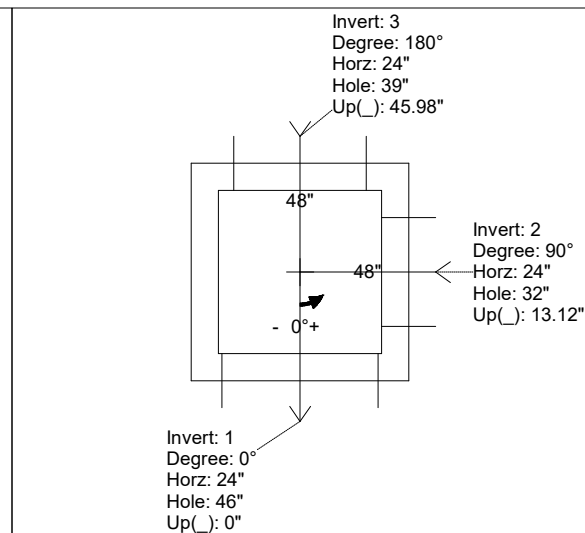
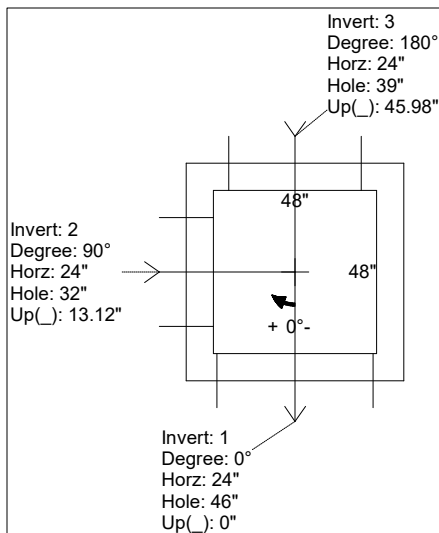
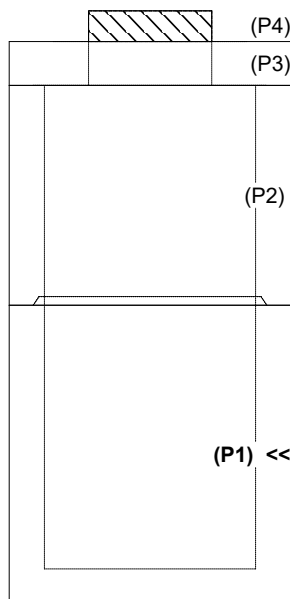
Structure Total: 19707 lb

Rim: 794.15' Rim to Invert: 10.27' Slack: 0.24" Sump: 4" Step Position:

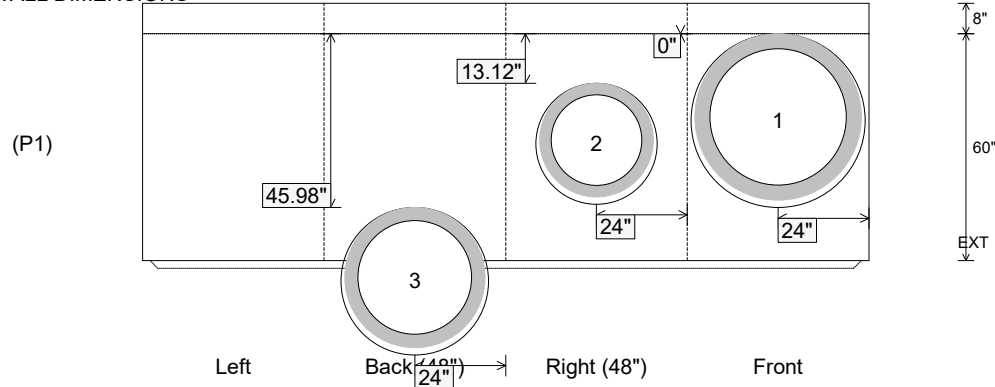
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	783.88'	0°	32"	36" RCP B WALL	44"	Hole 46	46"	46"	0"	0"
Invert 2	784.89'	90°	32"	24" RCP B WALL	30"	Hole 32	32"	32"	13.12"	0"
Invert 3	787.67'	180°	32"	30" RCP B WALL	37"	Hole 39	39"	39"	45.98"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

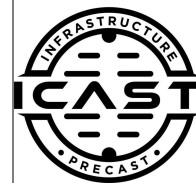
UPSIDE-DOWN VIEW (int. dimensions)



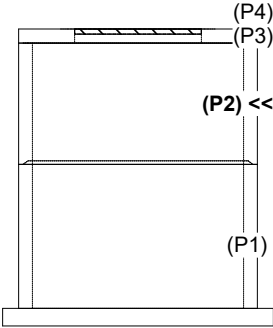
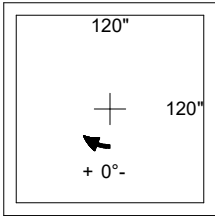
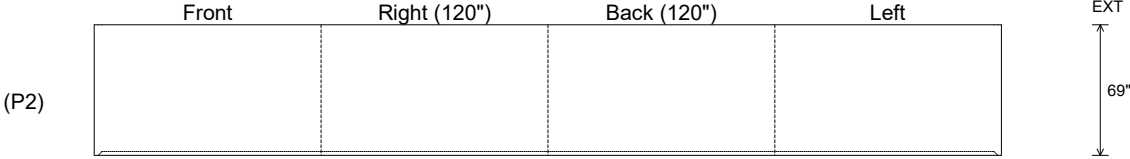
INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 60" Height (Ext): 68"	Weight (Net): 9857 lb Volume (Net): 2.52cu.yd
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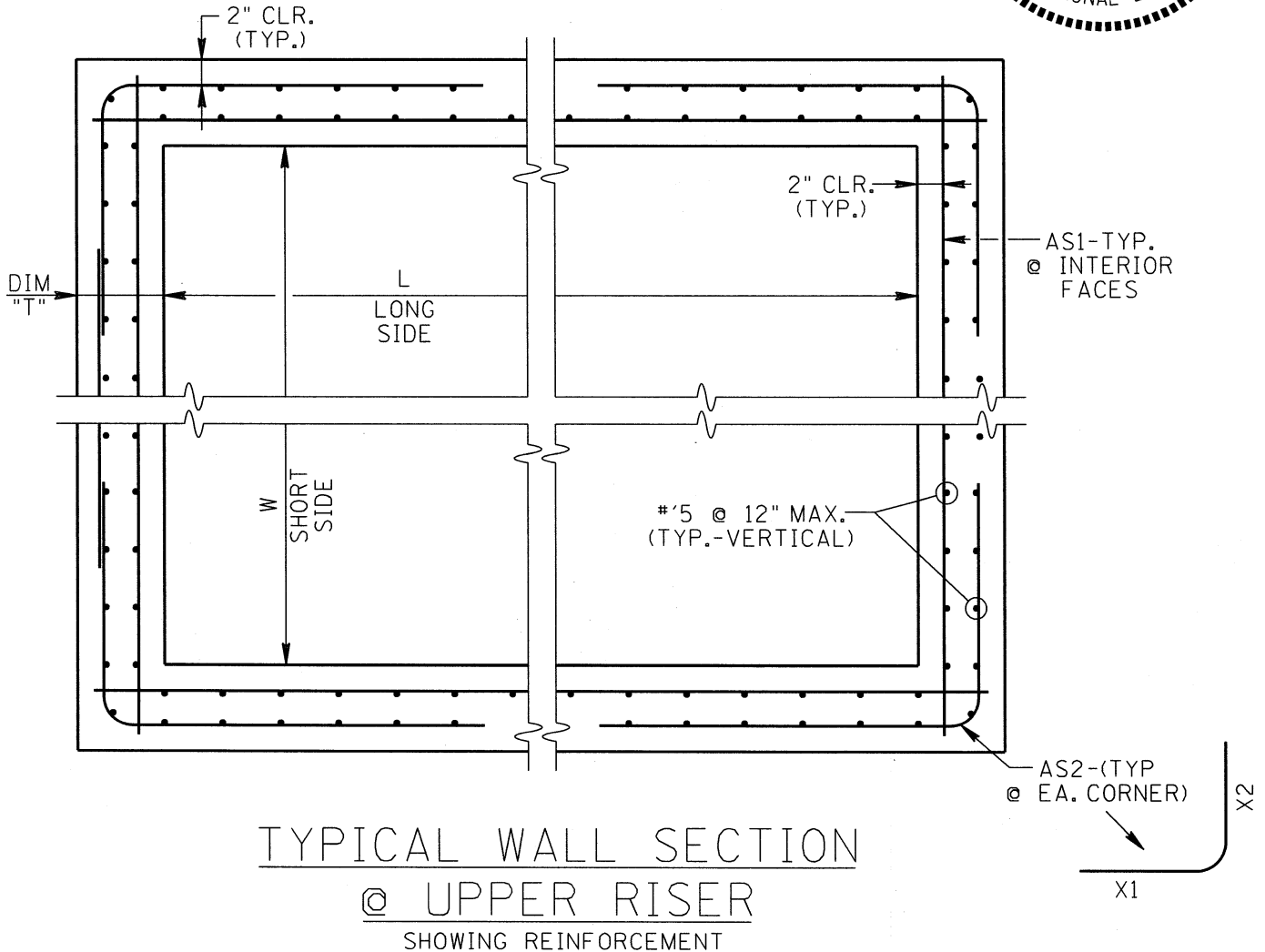
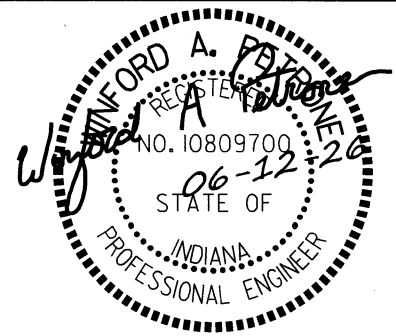


Weight (Net): 2566 lb
Volume (Net): 0.66cu.yd

Job Name: 25-4444 - Downtown WWTP Wet Weather Screening				Plant: 100		Tech: Jared - F					
Job Location: Jeffersonville, IN				7/7/2026 10:38:14 AM		PC: T. Lewis					
Contractor: Ottenweller Contracting, LLC.											
Structure ID: 54444 (2)											
P2 BX120120-08W-RSVF				BOX RISER 8inW, Variable Ht F/G							
P4) 72" x 84" - HATCH (CAST FLUSH) - 3" P3) 120" x 120" - BX FLAT LID 8inW w/72"x84" HATCH F/F - 8" P2) 120" x 120" - BOX RISER 8inW, Variable Ht F/G - 69" P1) 120" x 120" - BX BASE w/FLANGE 08W/10F/09EF T/n - 82" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) Conseal CS-102 1.00" (Double) 2) Kor-N-Seal2 - S206-42				100 lb 8356 lb 23716 lb 46224 lb 0 lb 0 lb 0 lb 13 lb ----- Structure Total: 78409 lb		Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETE = 5,000 PSI AT 28 DAYS. 3. 72" x 84" HATCH SUPPLIED BY OTHERS. REINFORCING PER ATTACHED DRAWINGS & CAL'S.					
Rim: 460'				Rim to Invert: 11.25'		Slack: 0"		Sump: 24"		Step Position:	
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: Flat		Wall Thickness: 8"		Height (Int): 69"		Weight (Net): 23716 lb	
Coating (Ext):				Seam Dn: Groove		Floor Height: 0"		Height (Ext): 69"		Volume (Net): 6.06cu.yd	

NOTE: SEE "PRECAST DESIGN SUBMITTALS, CONCRETE COMPONENTS" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

NOTE: SEE ICAST WORKING DRAWINGS FOR ADDITIONAL INFORMATION AND LOCATION OF EACH COMPONENT.



DIMENSIONS AND REINFORCING STEEL

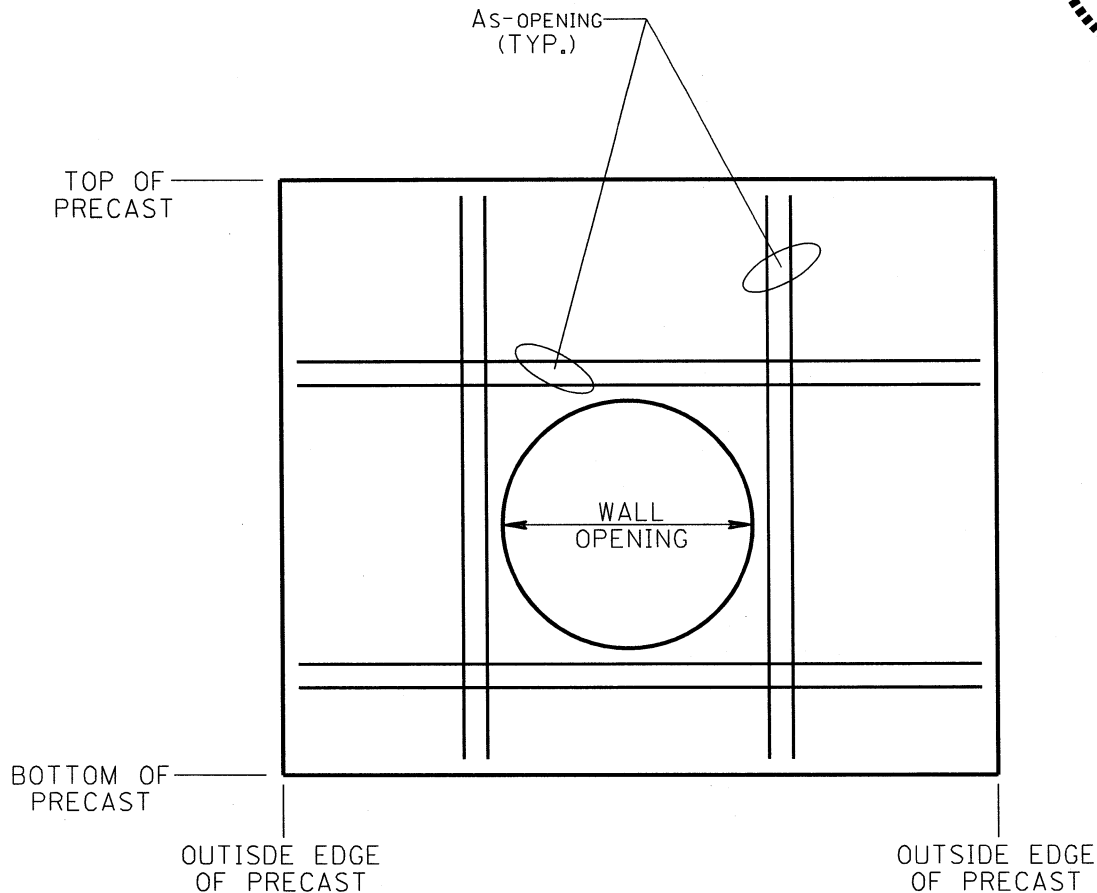
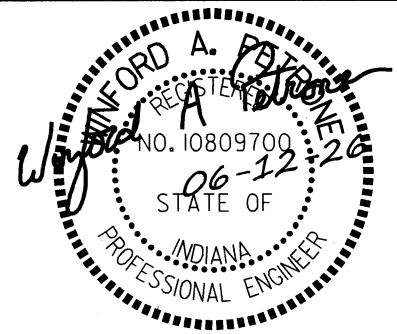
L	W	T	AS1	AS2	X1	X1
10'-0"	10'-0"	8"	5'S@5"	5'S@5"	4'-11"	4'-11"

NOTE: CUT VERTICAL AND HORIZONTAL BARS TO 2" CLEAR OF OPENINGS AND PROVIDE ADDITIONAL OPENING REINFORCEMENT AS DENOTED ON OPENINGS REINFORCEMENT SHEET.

SK-2

120"X120" PLUG VALVE VAULT: RISER WALL SECTION
DOWNTOWN WWTP WET WEATHER SCREENING, CITY OF JEFFERSON, INDIANA

ADDITIONAL REINFORCEMENT REQUIRED ON EACH FACE
ALONG EACH SIDE OF OPENING:
2- #5'S HORIZONTAL TOP AND BOTTOM OF OPENING
AND 2-#6'S VERTICAL EACH SIDE OF OPENING



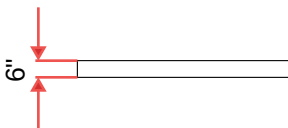
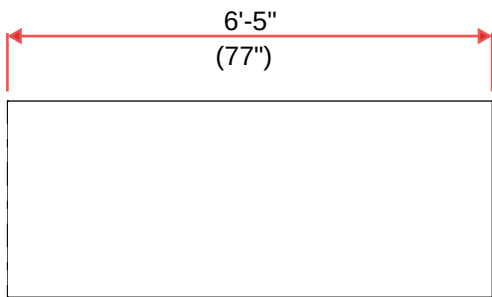
ADDITIONAL REINFORCEMENT @ WALL OPENINGS

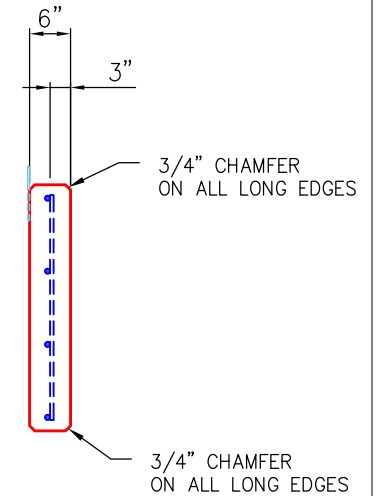
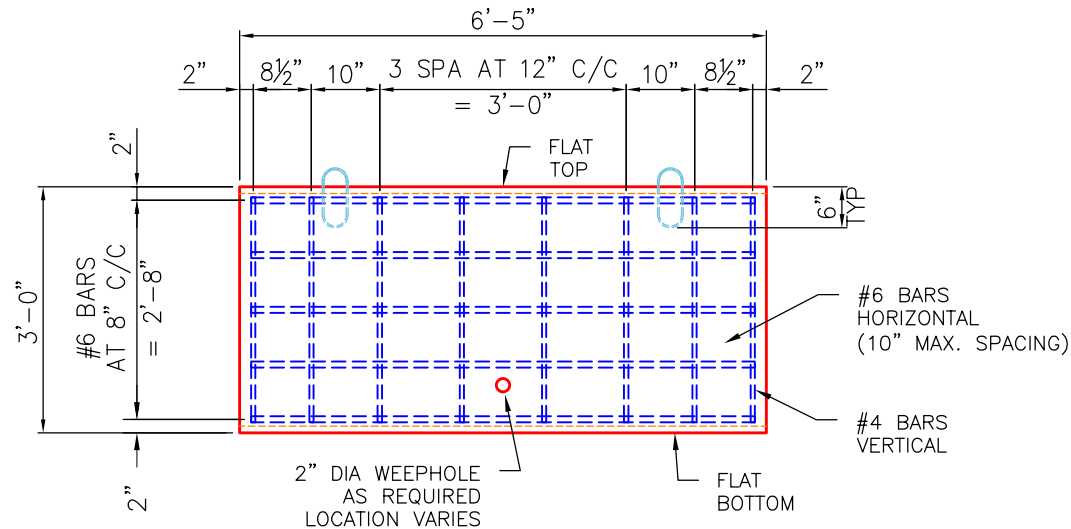
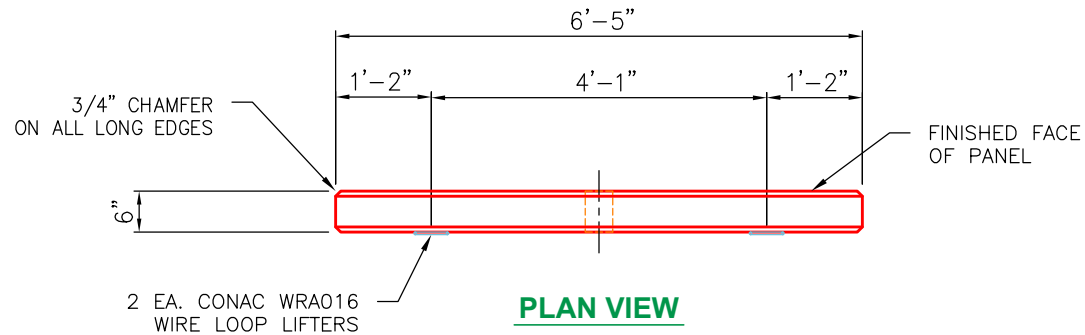
NOTE: ADDITIONAL OPENING BARS ARE SUPPLEMENTAL TO SCHEDULED WALL REINFORCEMENT FOR EACH WALL OPENING. ADDITIONAL BARS MAY BE TERMINATED AT A DISTANCE OF 1'-6" BEYOND THE LIMITS OF OPENING OR AT 2" FROM THE INTERSECTING EDGE OF CONCRETE WHEN THE 1'-6" DIMENSION INTERSECTS A WALL.

NOTE: CUT OFF SCHEDULED REINFORCEMENT AT 2" CLEAR OF OPENING AND PROVIDE ADDITIONAL BARS AS SHOWN. BAR SIZES MAY BE UPSIZED TO PROVIDE THE SAME AREA OF STEEL WHEN THE NUMBER OF BARS CANNOT BE ACCOMMODATED.

SK-5

ADDITIONAL REINFORCEMENT AT WALL OPENINGS
DOWNTOWN WWTP WET WEATHER SCREENING, CITY OF JEFFERSON, INDIANA

Job Name: 26-1333 - Mitchell Hill Road Project Job Location: Louisville, KY 40118 Contractor: Hall Contracting of Kentucky Inc					Plant: 100 6/16/2026 1:22:05 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: WALL P10-P11											
P1 CUSTOM WALL				WALL PANEL 6" THICK F/F							
P4) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P2) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG 1) Hole - 2						1398 lb 1398 lb 1398 lb 1398 lb ----- 0 lb Structure Total: 5591 lb		Structure Notes: . 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETER = 4,000 PSI AT 28" DAYS. 3. SMOOTH FORM FINISH ON THE FRONT SURFACE. 4. 3/4" CHAMFER ON ALL LONG EDGES. REINFORCING PER ASTM A615 (GRADE 60). -VERTICAL BARS = #4 BARS AT 12" C/C -HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)			
Rim: 697'		Rim to Invert: 8'		Slack: 0"		Sump: 48"		Step Position:			
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)  UPSIDE-DOWN VIEW (int. dimensions) Note: See attached typical drawing for reinforcing and lifting details.											
(P4) (P3) (P2) (P1) <<				INSIDE WALL DIMENSIONS  EXT 36"							
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: Flat		Wall Thickness: 0" Floor Height: 0"		Height (Int): 36" Height (Ext): 36"		Weight (Net): 1398 lb Volume (Net): 0.36cu.yd	



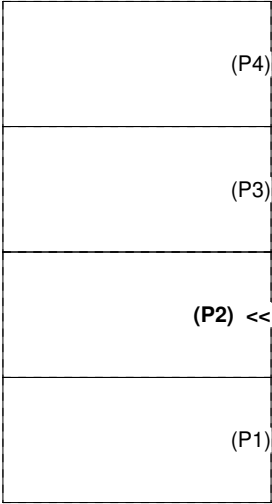
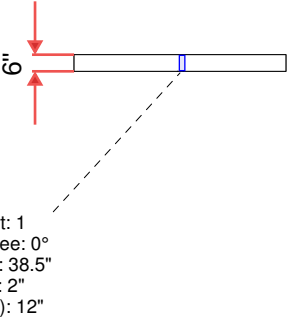
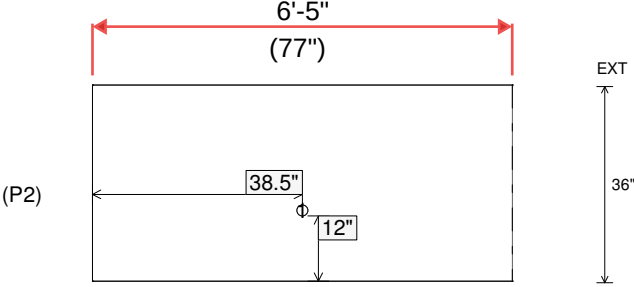
GENERAL NOTES:

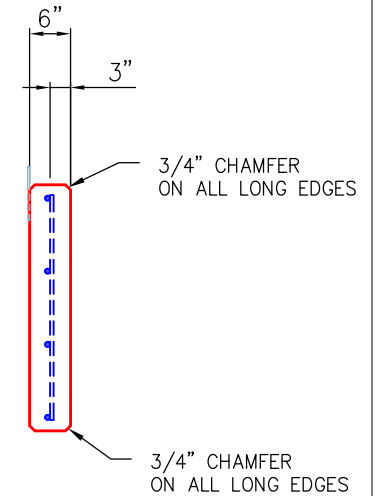
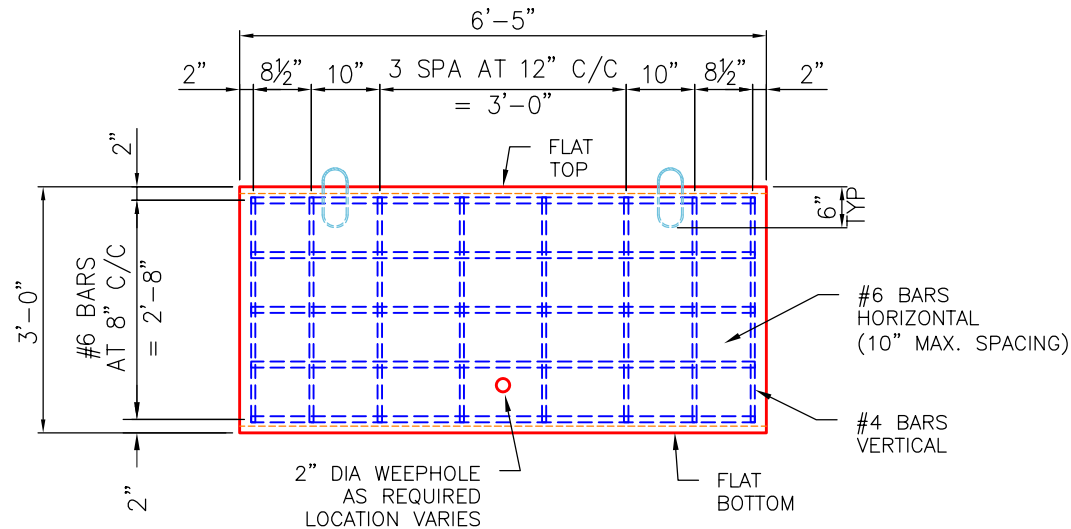
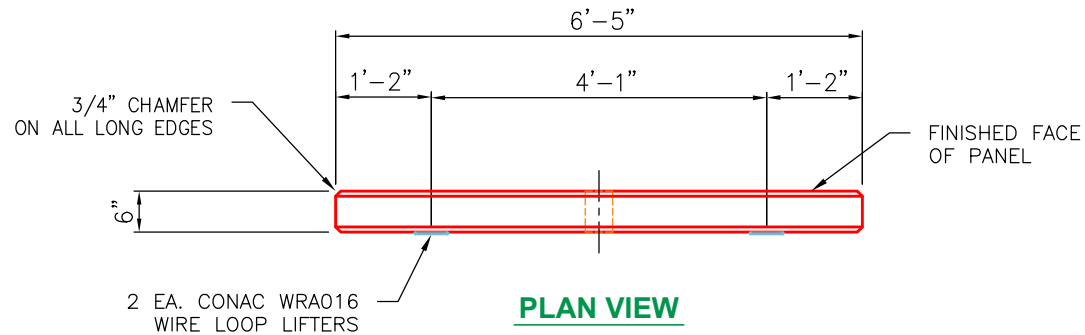
1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 1,413 LBS
6. 68 REQUIRED.

SIDE VIEW

END VIEW

REVISION INFORMATION				SUBMITTAL DESCRIPTION: WALL PANEL 6.50' LG x 6" THK.	
REV. 	DATE:	NO REVISIONS TO DATE		CUSTOMER: HALL CONTRACTING OF KY INC.	
				PROJECT: MITCHELL HILL ROAD PROJECT	
				STRUCTURE ID.: WALL PANEL 6" THK (78" LG x 36" HT)	
				SALES ORDER NO: 26-1333	
				CHECK: B. SMITH	DRAWN BY: J. HORSLEY
				DATE: 04/20/26	SCALE: NTS PG. 1 of 1

Job Name: 26-1333 - Mitchell Hill Road Project Job Location: Louisville, KY 40118 Contractor: Hall Contracting of Kentucky Inc					Plant: 100 6/16/2026 1:23:25 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: WALL P10-P11											
P2 CUSTOM WALL				WALL PANEL 6" THICK F/F							
P4) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P2) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG 1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG Hole - 2						1398 lb 1398 lb 1398 lb 1398 lb 0 lb ----- Structure Total: 5591 lb		Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETER = 4,000 PSI AT 28" DAYS. 3. SMOOTH FORM FINISH ON THE FRONT SURFACE. 4. 3/4" CHAMFER ON ALL LONG EDGES. REINFORCING PER ASTM A615 (GRADE 60). -VERTICAL BARS = #4 BARS AT 12" C/C -HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)			
Rim: 697'		Rim to Invert: 8'		Slack: 0"		Sump: 48"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	689'	0°	38.5"	2" WEEP HOLE	2"	Hole 2	2"	2"	12"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions)											
		 Note: See attached typical drawing for reinforcing and lifting details.									
		INSIDE WALL DIMENSIONS 									
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: Flat		Wall Thickness: 0" Floor Height: 0"		Height (Int): 36" Height (Ext): 36"		Weight (Net): 1398 lb Volume (Net): 0.36cu.yd	



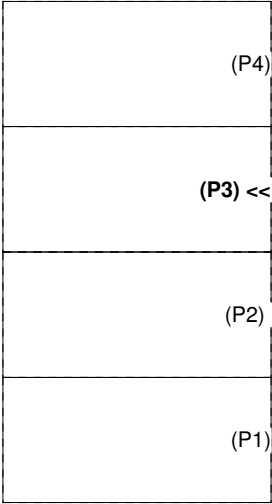
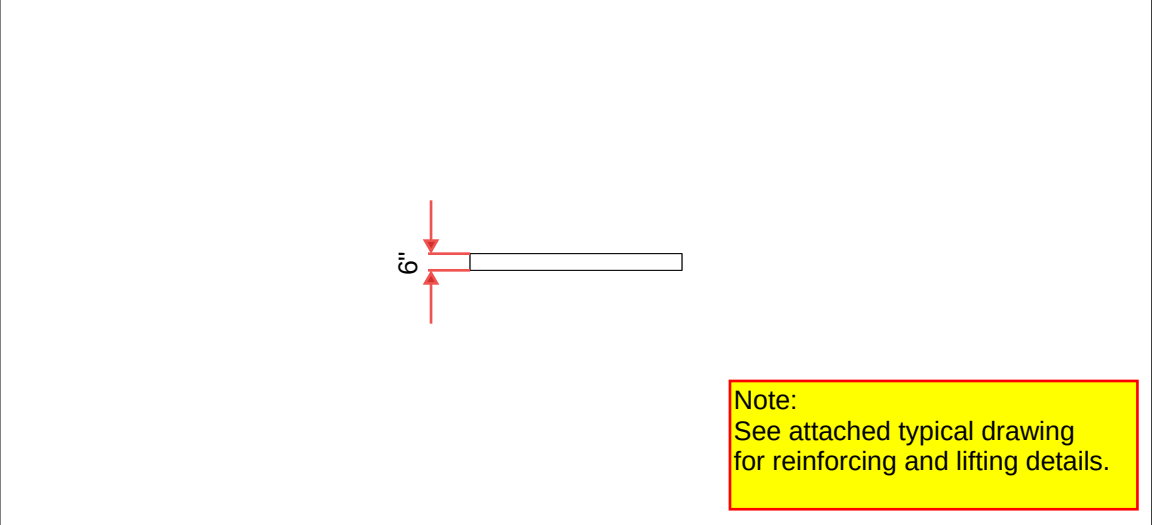
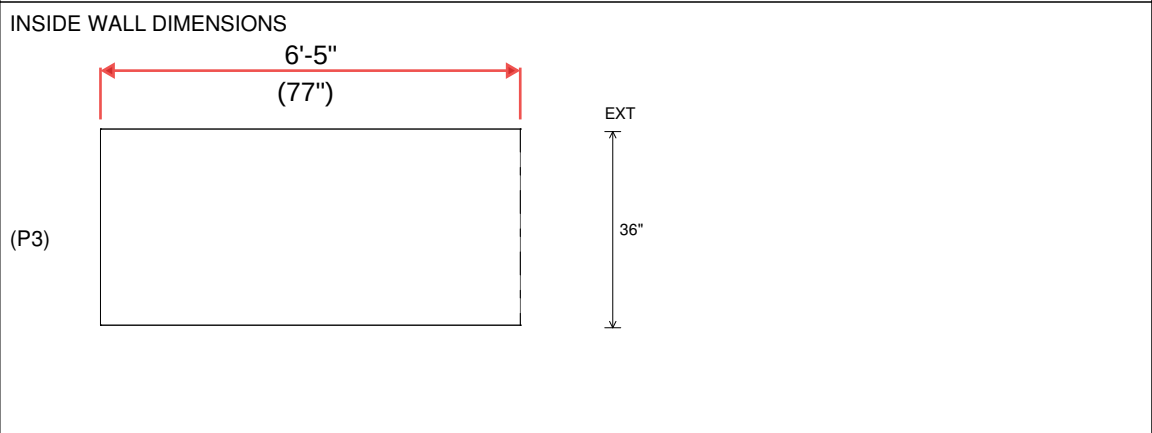
GENERAL NOTES:

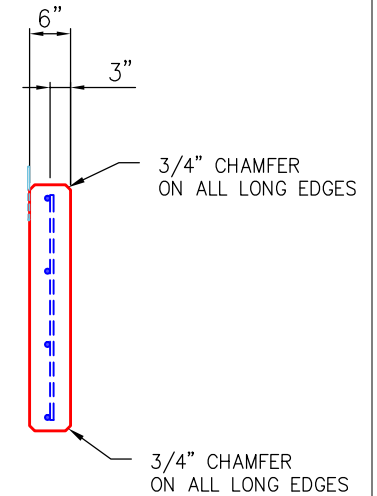
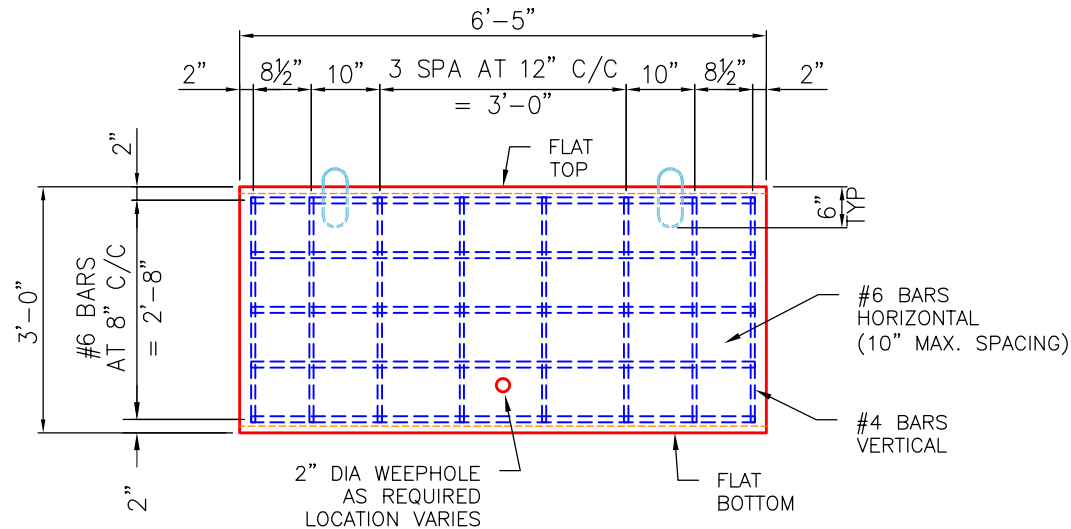
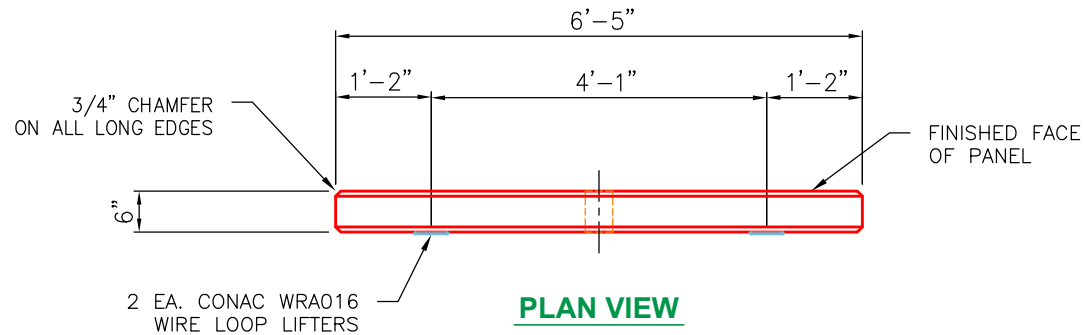
1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 1,413 LBS
6. 68 REQUIRED.

SIDE VIEW

END VIEW

REVISION INFORMATION				SUBMITTAL DESCRIPTION: WALL PANEL 6.50' LG x 6" THK.	
REV. 	DATE:	NO REVISIONS TO DATE		CUSTOMER: HALL CONTRACTING OF KY INC.	
				PROJECT: MITCHELL HILL ROAD PROJECT	
				STRUCTURE ID.: WALL PANEL 6" THK (78" LG x 36" HT)	
				SALES ORDER NO: 26-1333	
				CHECK: B. SMITH	DRAWN BY: J. HORSLEY
				DATE: 04/20/26	SCALE: NTS PG. 1 of 1

Job Name: 26-1333 - Mitchell Hill Road Project Job Location: Louisville, KY 40118 Contractor: Hall Contracting of Kentucky Inc					Plant: 100 6/16/2026 1:23:26 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: WALL P10-P11											
P3 CUSTOM WALL				WALL PANEL 6" THICK F/F							
P4) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P2) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG 1) Hole - 2						1398 lb 1398 lb 1398 lb 1398 lb 0 lb ----- Structure Total: 5591 lb		Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETER = 4,000 PSI AT 28" DAYS. 3. SMOOTH FORM FINISH ON THE FRONT SURFACE. 4. 3/4" CHAMFER ON ALL LONG EDGES. REINFORCING PER ASTM A615 (GRADE 60). -VERTICAL BARS = #4 BARS AT 12" C/C -HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)			
Rim: 697'		Rim to Invert: 8'		Slack: 0"		Sump: 48"		Step Position:			
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): Coating (Ext):				Seam Up: Flat Seam Dn: Flat		Wall Thickness: 0" Floor Height: 0"		Height (Int): 36" Height (Ext): 36"		Weight (Net): 1398 lb Volume (Net): 0.36cu.yd	



GENERAL NOTES:

1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 1,413 LBS
6. 68 REQUIRED.

SIDE VIEW

END VIEW

REVISION INFORMATION				SUBMITTAL DESCRIPTION: WALL PANEL 6.50' LG x 6" THK.	
REV. 	DATE:	NO REVISIONS TO DATE		CUSTOMER: HALL CONTRACTING OF KY INC.	
				PROJECT: MITCHELL HILL ROAD PROJECT	
				STRUCTURE ID.: WALL PANEL 6" THK (78" LG x 36" HT)	
				SALES ORDER NO: 26-1333	
				CHECK: B. SMITH	DRAWN BY: J. HORSLEY
				DATE: 04/20/26	SCALE: NTS PG. 1 of 1

Job Name: 25-3062 Portland Bypass
Job Location: Portland, TN
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam
6/1/2026 8:23:01 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-26

P1 BX3232-08B48

BOX BASE 8inW, 8inF

- P2) 32" x 32" - CASTING HEIGHT - 7"
P1) 32" x 32" - BOX BASE 8inW, 8inF - 48"
1) CASTING - JBS-3123 MODIFIED SET
1) 32" x 32" - Conseal CS-102 1.00"
2) Hole - 32
1) Hole - 6

Structure Total: 6128 lb

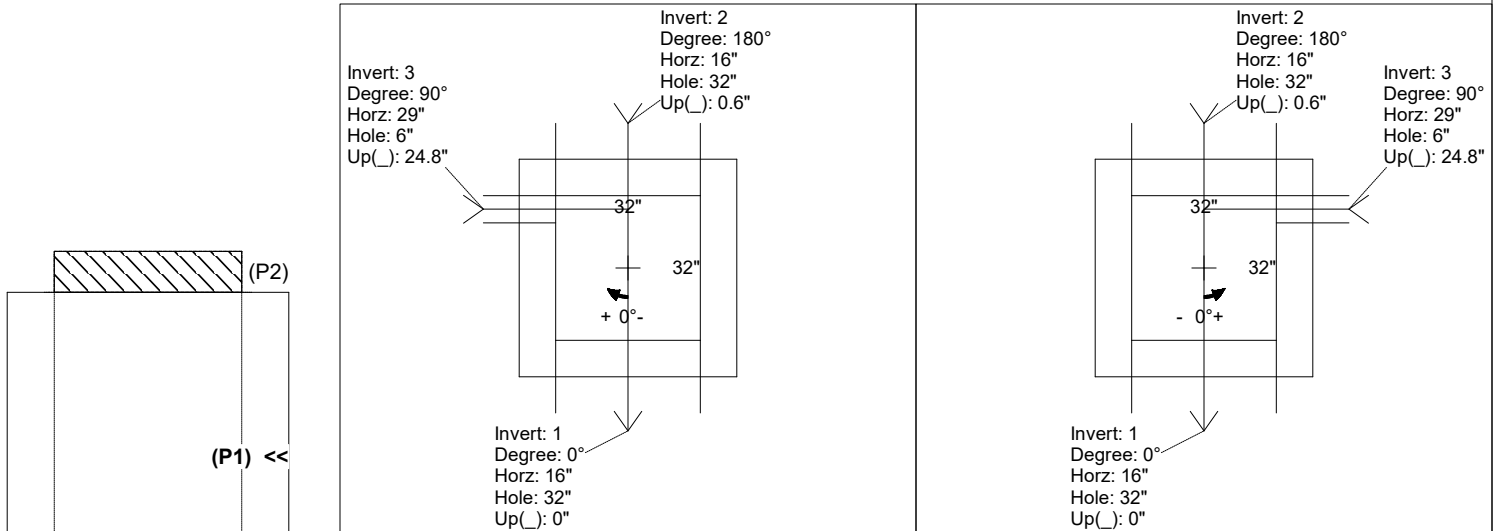
- Structure Notes:
1. PER TDOT D-CB-12LP / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. JBS 3123 MOD SINGLE SET BY ICAST
4. REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .62) #5 BARS AT 6" C.C.E.W.
- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Rim: 802.79' Rim to Invert: 4.35' Slack: 0.2" Sump: 3" Step Position:

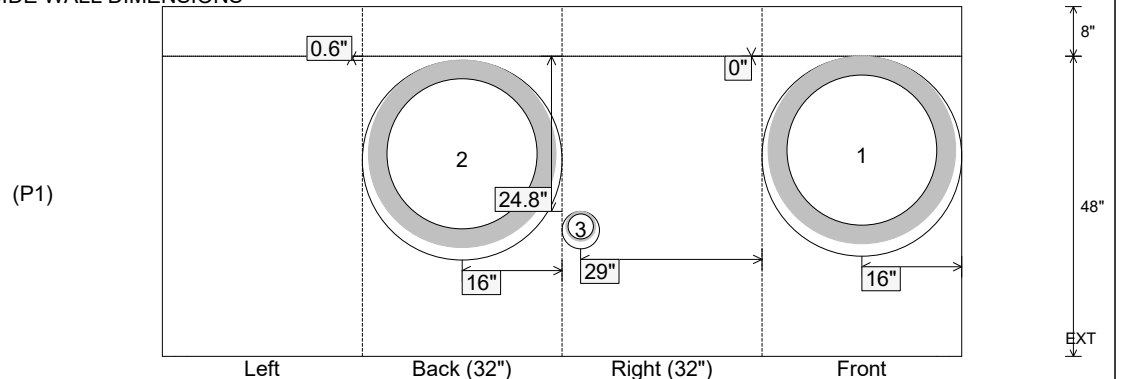
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	798.44'	0°	24"	24" RCP B WALL	30"	Hole 32	32"	32"	0"	0"
Invert 2	798.49'	180°	24"	24" RCP B WALL	30"	Hole 32	32"	32"	0.6"	0"
Invert 3	800.29'	90°	37"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	24.8"	13"
Invert 4										
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: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 48"
Height (Ext): 56"

Weight (Net): 5878 lb
Volume (Net): 1.5cu.yd

Job Name: 25-3062 Portland Bypass
Job Location: Portland, TN
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam
6/1/2026 8:24:13 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-16

P3 BX036048-10LD08W-SP

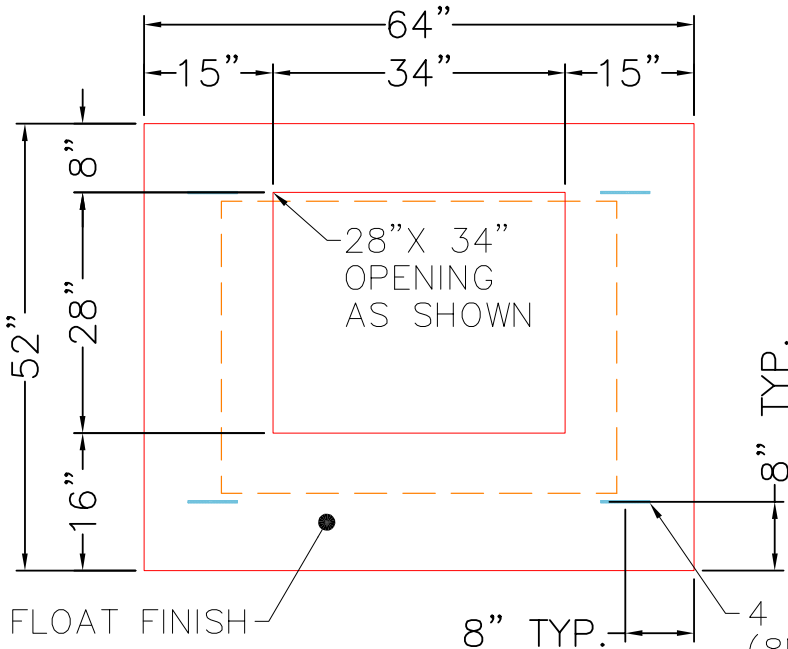
BX FLAT LID 8"W - TDOT 12P (28"x34" Hole)

- P4) 28" x 34" - CASTING HEIGHT - 7"
P3) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) - 10"
P2) 36" x 48" - BOX RISER 8inW - 42"
P1) 36" x 48" - BOX BASE 8inW, 8inF - 60"
1) CASTING - JBS-3123 MODIFIED SET
2) 36" x 48" - Conseal CS-102 1.00"
1) 28" x 34" - Conseal CS-102 1.00"
2) Hole - 40
2) Hole - 6

- Structure Notes:
1. PER TDOT D-CB-12S / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. JBS 3123 MOD SINGLE SET BY ICAST
5. REINFORCING PER ASTM A615 (GRADE 60).
** SEE TDOT STD DRAWING D-CB-12S **
- TOP SLAB - DBL MAT #5 BARS.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.
6. VERIFY THE REQUIRED PIPE SIZES & I.E.'S
INFORMATION NOT PROVIDED IN THE PLANS.

Structure Total:

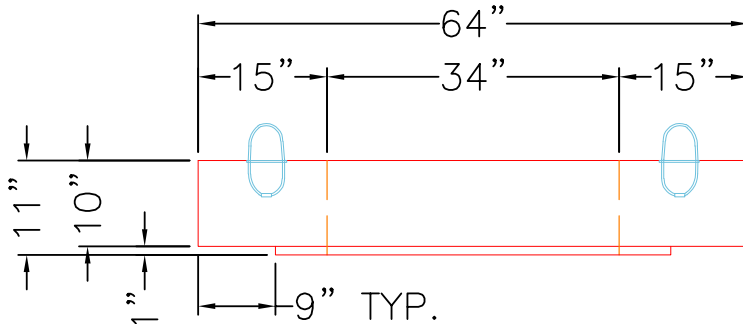
16497 lb



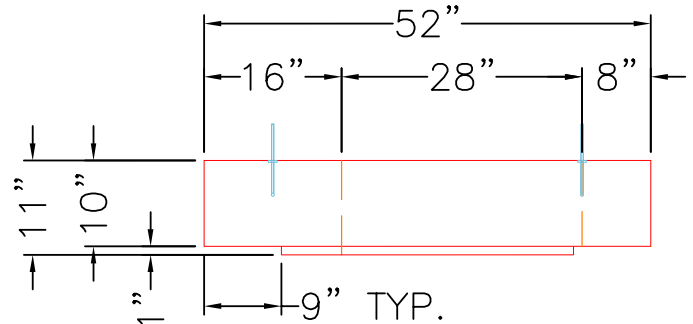
TOP VIEW

GENERAL NOTES:

1. MANUFACTURED TO TDOT D-CB-12 / ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,500 PSI AT 28 DAYS.
3. REINFORCING: PER TDOT DRAWING D-CB-12S MODIFIED (GRADE 60).
4. WEIGHT: 2,044 LBS
5. JOINT SEALANT TO BE CONSEAL CS-102, 1".



FRONT VIEW



RIGHT VIEW

Coating (Int):
Coating (Ext):

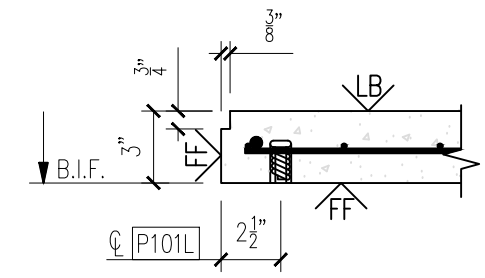
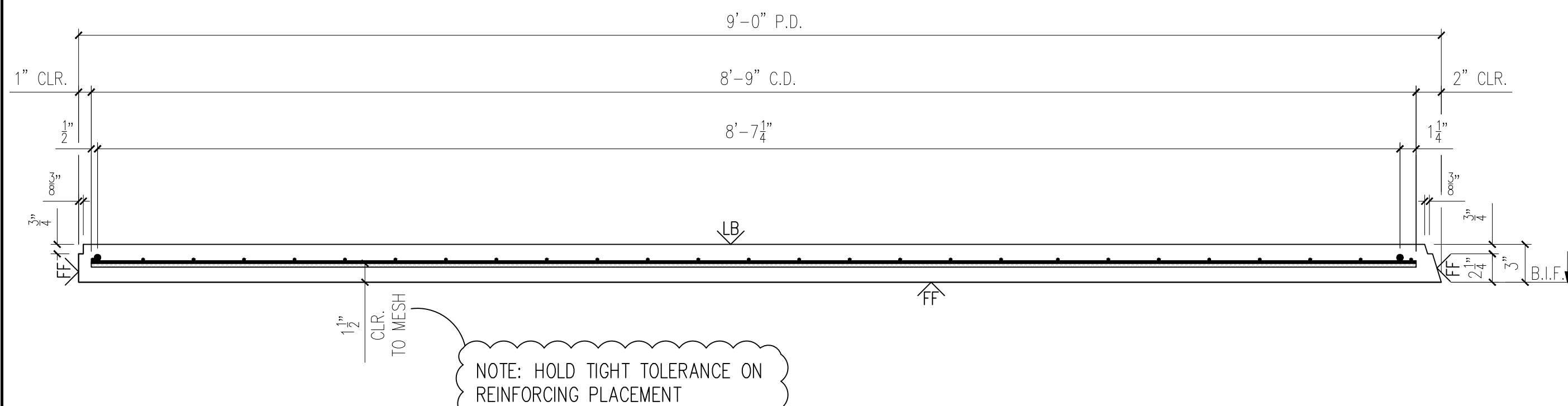
Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 10"

Weight (Net): 2044 lb
Volume (Net): 0.52cu.yd

1 Required



<u>SHEET NUMBER</u>	<u>NUMBER REQUIRED</u>
1 OF 2	2

APPROVED BY: _____ DATE: _____

PIECE MARK
BSDG-10A

**EASI
SET®**

WORLDWIDE

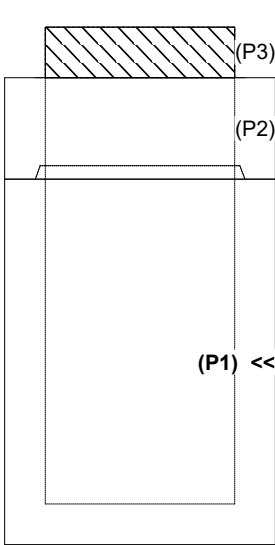
1 Required

DATE	DESCRIPTION	INI.	REV.
-		-	<u>1</u>
-		-	<u>2</u>
-		-	<u>3</u>
-		-	<u>4</u>
-		-	<u>5</u>

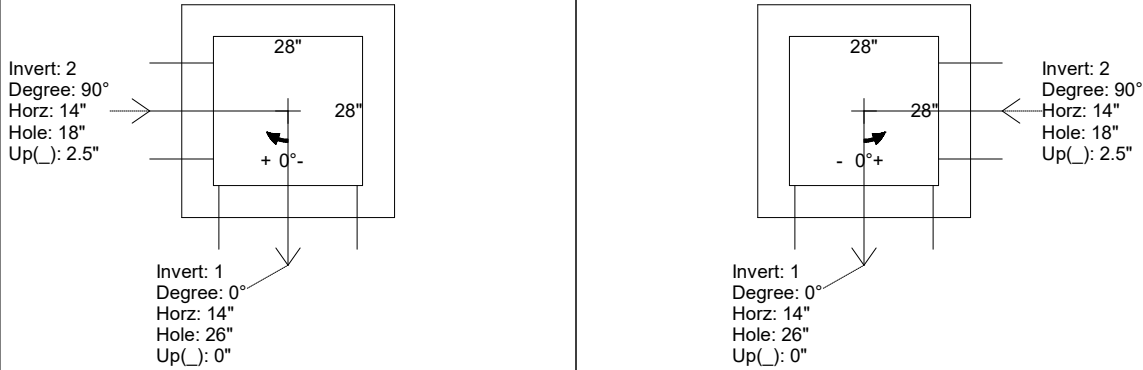
5119 Catlett Rd. • Midland, VA 22728 • info@EasiSet.com
www.EasiSet.com • 800-547-4045 • Fax 540-439-2541

Job Name: 26-2310 - 3rd & Madison Townhomes - Ph. 1 Job Location: Nashville, TN 37208 Contractor: Hayes Pipe Supply					Plant: 100 6/15/2026 10:58:57 AM		Tech: Jared - F PC: E. Bradley			
Structure ID: A7 ST-CI										
P1 BX2828-06BA48			BOX BASE 6inW, 6inF T/n							
P3) 28" x 28" - CASTING HEIGHT - 7.50" P2) 28" x 28" - BOX RISER 6inW, Variable Ht F/G - 15" P1) 28" x 28" - BOX BASE 6inW, 6inF T/n - 48" 2) 28" x 28" - Conseal CS-102 1.00" 1) Hole - 26 1) Hole - 18					0 lb 1027 lb 3697 lb 0 lb 0 lb 0 lb ----- Structure Total: 4724 lb		Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING SUPPLIED BY OTHERS (JBS 3300-V F/G/H - SINGLE CURB INLET). REINFORCING PER ASTM A615 (GRADE 60). - WALLS (As .31) #5 BARS AT 12" C.C.E.W. - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.			
Rim: 426.99' Rim to Invert: 5.72' Slack: 0.636" Sump: 2.496" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	421.27'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2	421.37'	90°	20"	12" HDPE	14.5"	Hole 18	18"	18"	2.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

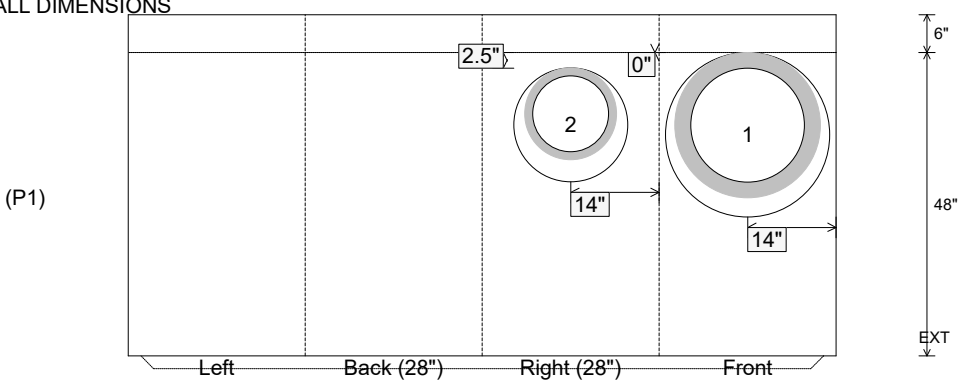
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 48" Height (Ext): 54"	Weight (Net): 3697 lb Volume (Net): 0.94cu.yd
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