

Job Name: 26-1899 - Gateway 65 Industrial Road
Job Location: Franklin, KY
Contractor: RD Sitework LLC

Plant: 100

6/4/2026 4:39:06 PM

Tech: Jared - F
PC: E. Bardley



Structure ID: 2 ST-MH

P2 MH048LD12CC

MH FLAT TOP w/ 24" Center Hole F/G

- P3) 24" - CASTING HEIGHT - 7"
P2) 48" - MH FLAT TOP w/ 24" Center Hole F/G - 12"
P1) 48" - MH BASE Custom Ht T/n - 47"
1) CASTING - HOE MC-375 F/C Storm
1) 48" - Conseal CS-102 1.00"
2) Hole - 26
1) Hole - 22
4) MH Step ML-10-TDS-NCR - 10"

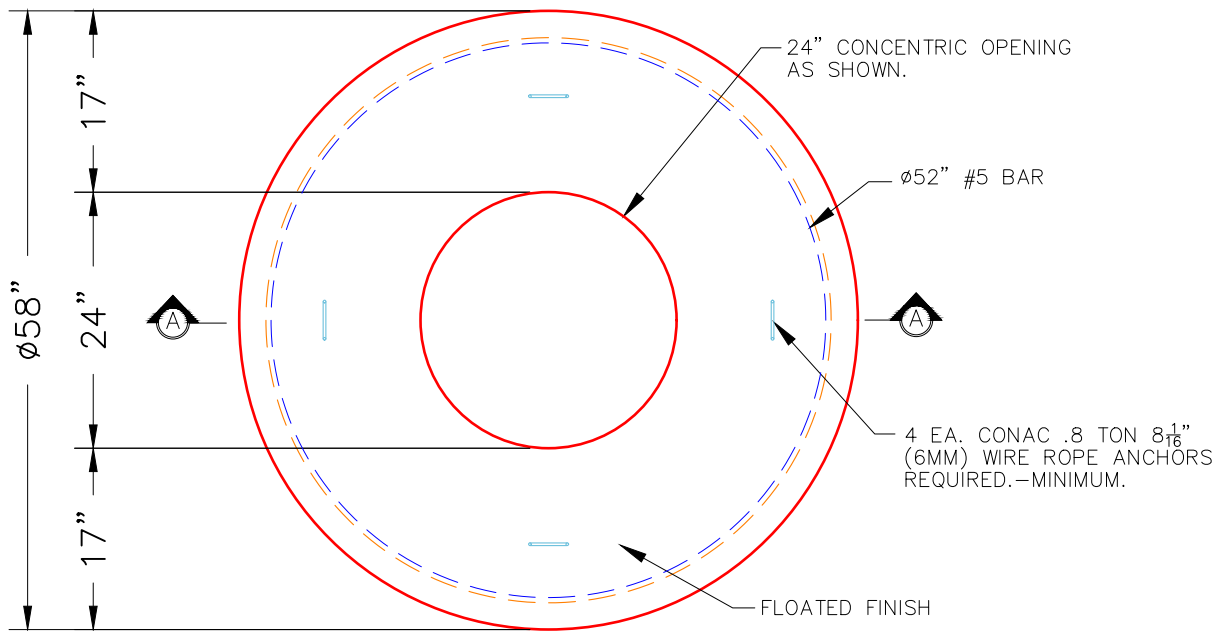
Structure Total:

0 lb
1580 lb
3983 lb
271 lb
0 lb
0 lb
0 lb
0 lb
0 lb
5834 lb

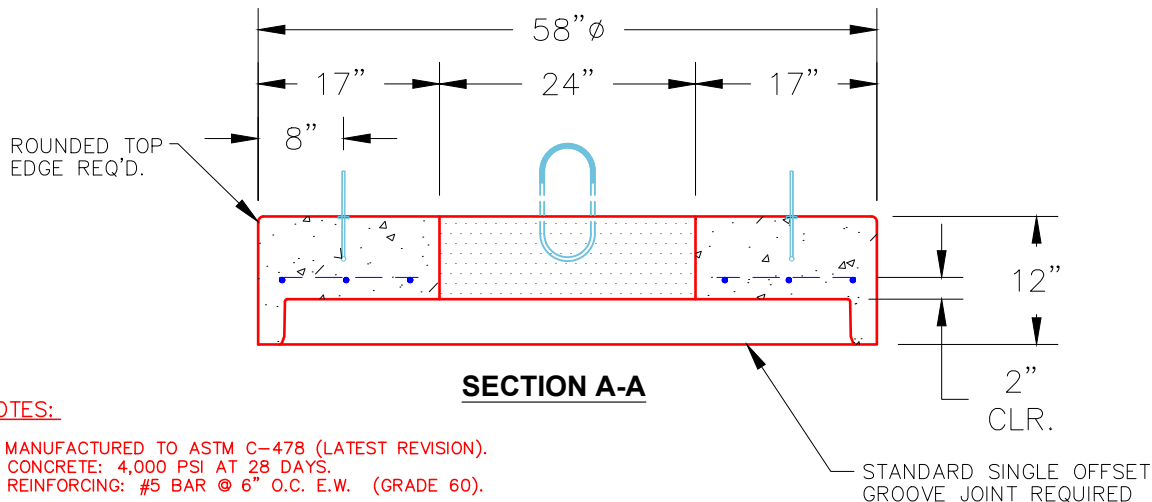
Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. 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.



PLAN VIEW



NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" O.C. E.W. (GRADE 60).

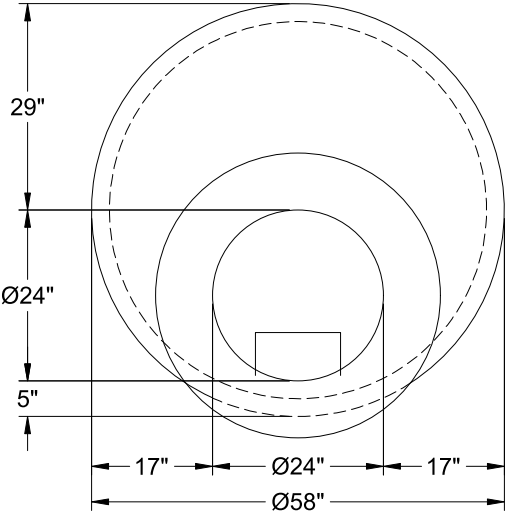
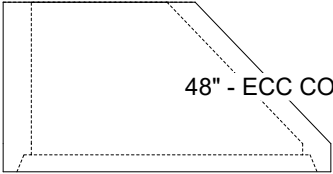
Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

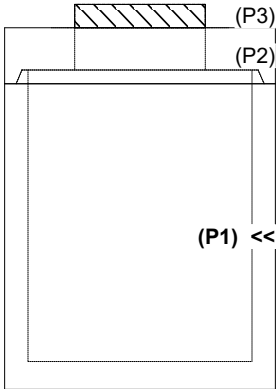
Wall Thickness: 5"

Height (Ext): 12"

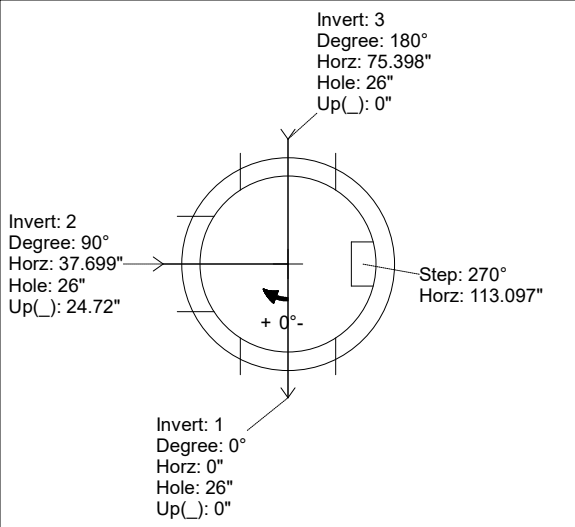
Weight (Net): 1580 lb
Volume (Net): 0.39cu.yd

Job Name: 26-2441 - Rock Quarry Rd - US 27 Sewer Job Location: Somerset, KY 42501 Contractor: City of Somerset Wastewater		Plant: 100 6/21/2026 2:42:50 PM	Tech: J. Horsley PC: J. Jarvis	
Structure ID: US27-1 SS-MH				
P2 MH048CN30		ECC CONE w/ 24" HOLE F/G		
P3) 24" - CASTING HEIGHT - 7" P2) 48" - ECC CONE w/ 24" HOLE F/G - 30" P1) 48" - MH BASE T/n - 24" 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-315 F/C Sanitary 1) 48" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 1) PSX - 12-08 NYLO 1) PSX - 8QRS-S NYLO 4) MH Step ML-10-TDS-NCR - 10"		0 lb 2050 lb 2938 lb 1440 lb 0 lb 0 lb 258 lb 0 lb 0 lb 8 lb 6 lb 0 lb ----- Structure Total: 6700 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. STEPS REQUIRED 5. HOE MC-315 FRAME & COVER "SANITARY" SUPPLIED BY ICAST	
				
 48" - ECC CONE w/ 24" HOLE F/G - 30" - (P2)				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 30"	Weight (Net): 2050 lb Volume (Net): 0.41cu.yd

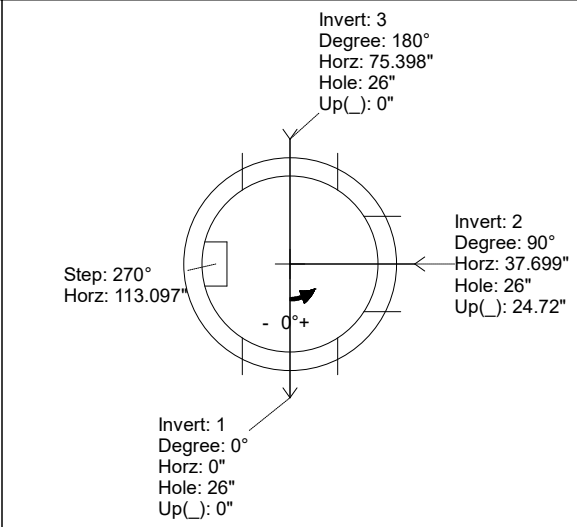
Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC					Plant: Beaver Dam 6/9/2026 10:36:48 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R2A											
P1 MH048BAVF		MH BASE Custom Ht T/n									
P3) 28" x 28" - CASTING HEIGHT - 5" P2) 48" - MH FLAT TOP w/28"x28" Hole F/G - 12" P1) 48" - MH BASE Custom Ht T/n - 59.5" 1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT 1) CASTING - JBS 3104-V SINGLE SET 1) 48" - Conseal CS-102 1.00" 1) 28" x 28" - Conseal CS-102 1.00" 3) Hole - 26 5) MH Step ML-10-TDS-NCR - 10"					0 lb 1368 lb 4787 lb 1075 lb 250 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 7480 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (JBS-3104 SINGLE SET). 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.				
Rim: 573.18' Rim to Invert: 6.18' Slack: 0.16" Sump: 2.5" Step Position: 270°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	567'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 2	569.06'	90°	45.553"	18" RCP B WALL	23"	Hole 26	26"	27.476"	24.72"	0"	
Invert 3	567'	180°	91.106"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



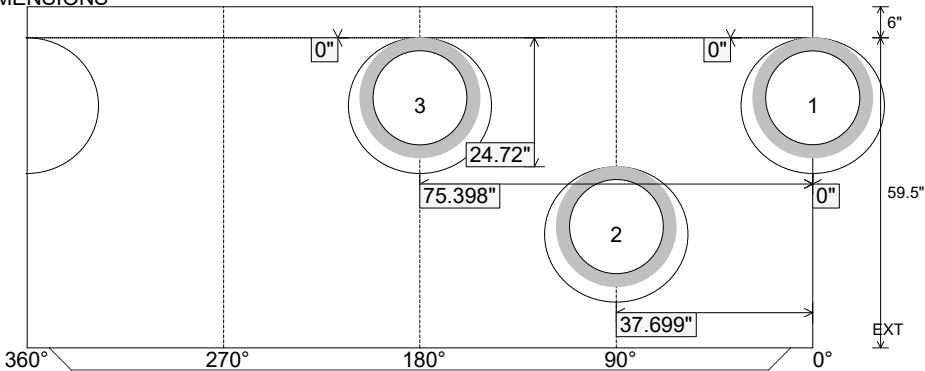
RIGHT-SIDE UP VIEW (int. dimensions)



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): 59.5" Height (Ext): 65.5"	Weight (Net): 4787 lb Volume (Net): 1.22cu.yd
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Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:36:48 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R2A

P1 MH048BAVF

MH BASE Custom Ht T/n

P3) 28" x 28" - CASTING HEIGHT - 5"

P2) 48" - MH FLAT TOP w/28"x28" Hole F/G - 12"

P1) 48" - MH BASE Custom Ht T/n - 59.5"

1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT

1) CASTING - JBS 3104-V SINGLE SET

1) 48" - Conseal CS-102 1.00"

1) 28" x 28" - Conseal CS-102 1.00"

3) Hole - 26

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

0 lb

1368 lb

4787 lb

1075 lb

250 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 7480 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. CASTING BY ICAST (JBS-3104 SINGLE SET).

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.

Invert channel drawing

1/4 Height storm invert

Rim: 573.18'

Rim to Invert: 6.18'

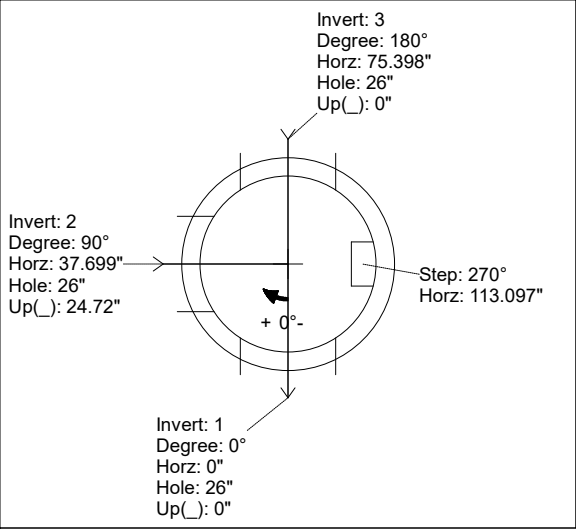
Slack: 0.16"

Sump: 2.5"

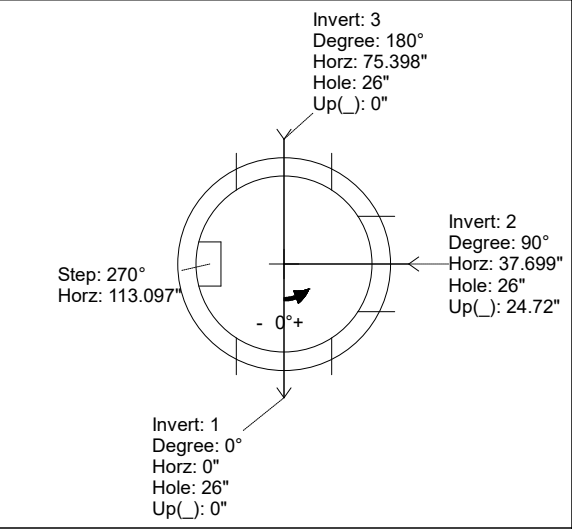
Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	567'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"
Invert 2	569.06'	90°	45.553"	18" RCP B WALL	23"	Hole 26	26"	27.476"	24.72"	0"
Invert 3	567'	180°	91.106"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

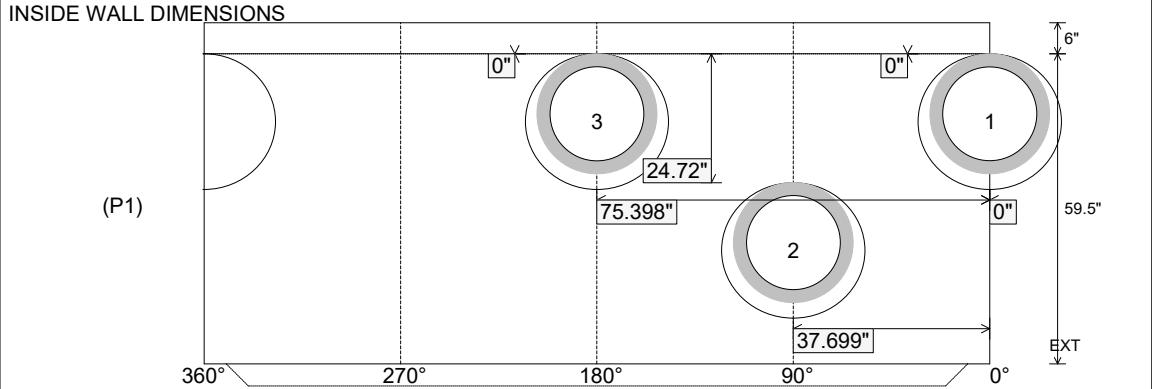
RIGHT-SIDE UP VIEW (int. dimensions)



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): 59.5"

Height (Ext): 65.5"

Weight (Net): 4787 lb

Volume (Net): 1.22cu.yd

Job Name: 26-2441 - Rock Quarry Rd - US 27 Sewer Job Location: Somerset, KY 42501 Contractor: City of Somerset Wastewater					Plant: 100		Tech: J. Horsley					
					6/21/2026 2:42:33 PM		PC: J. Jarvis					
Structure ID: RQ1 SS-MH												
P1 MH048BA24			MH BASE T/n									
P3) 24" - CASTING HEIGHT - 7" P2) 48" - ECC CONE w/ 24" HOLE F/G - 30" P1) 48" - MH BASE T/n - 24" 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-315 F/C Sanitary 1) 48" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 2) PSX - 12-08 NYLO 4) MH Step ML-10-TDS-NCR - 10"						0 lb 2050 lb 2911 lb 1440 lb 0 lb 0 lb 258 lb 0 lb 0 lb 16 lb 0 lb Structure Total: 6675 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. HOE MC-315 FRAME & COVER "SANITARY" SUPPLIED BY ICAST				
Rim: 1036.33' Rim to Invert: 5.05' Slack: 1.6" Sump: 2" Step Position: 0°												
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	1031.28'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"		
Invert 2	1031.38'	176°	89.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"		
Invert 3												
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												

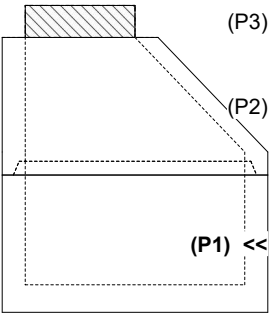
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

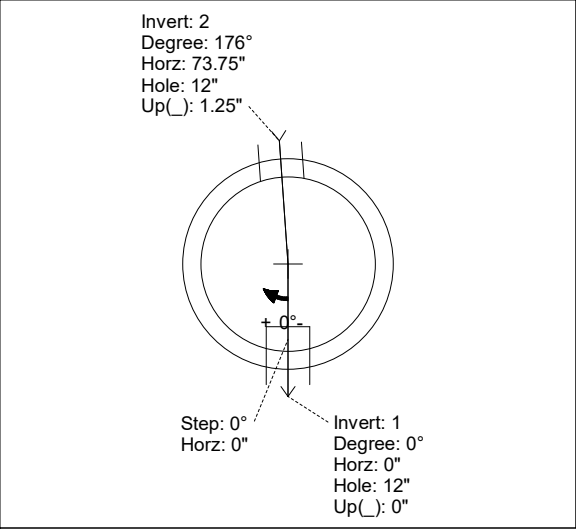
INSIDE WALL DIMENSIONS

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2911 lb Volume (Net): 0.74cu.yd
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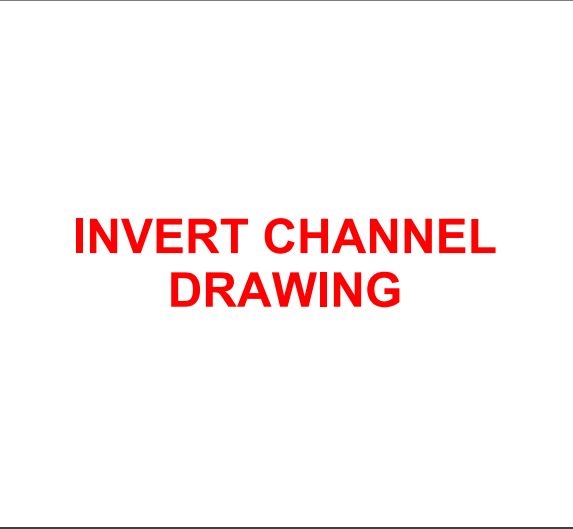
Job Name: 26-2441 - Rock Quarry Rd - US 27 Sewer Job Location: Somerset, KY 42501 Contractor: City of Somerset Wastewater				Plant: 100 6/21/2026 2:42:33 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: RQ1 SS-MH										
P1 MH048BA24				MH BASE T/n						
P3) 24" - CASTING HEIGHT - 7" P2) 48" - ECC CONE w/ 24" HOLE F/G - 30" P1) 48" - MH BASE T/n - 24" 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-315 F/C Sanitary 1) 48" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 2) PSX - 12-08 NYLO 4) MH Step ML-10-TDS-NCR - 10" Structure Total: 6675 lb						0 lb 2050 lb 2911 lb 1440 lb 0 lb 0 lb 258 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. HOE MC-315 FRAME & COVER "SANITARY" SUPPLIED BY ICAST		
Rim: 1036.33' Rim to Invert: 5.05' Slack: 1.6" Sump: 2" Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1031.28'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	1031.38'	176°	89.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



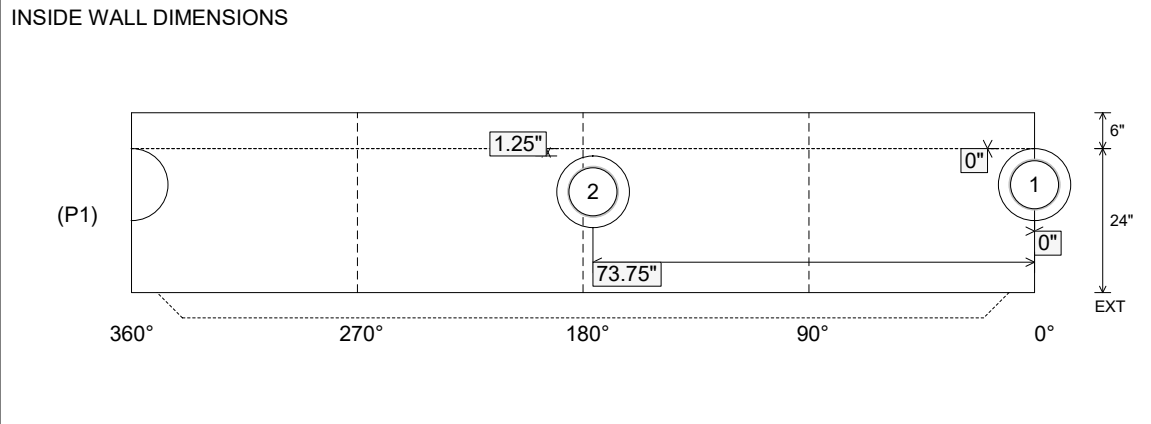
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

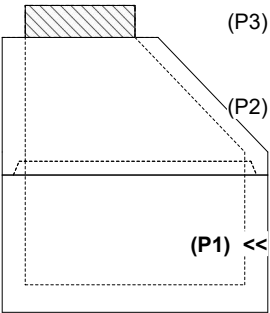


INSIDE WALL DIMENSIONS

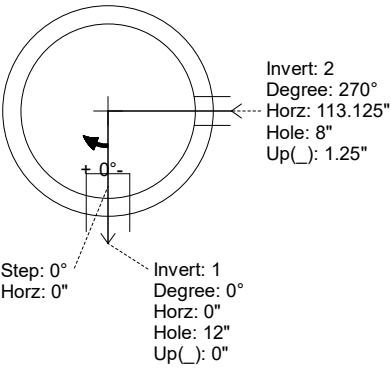


Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2911 lb Volume (Net): 0.74cu.yd
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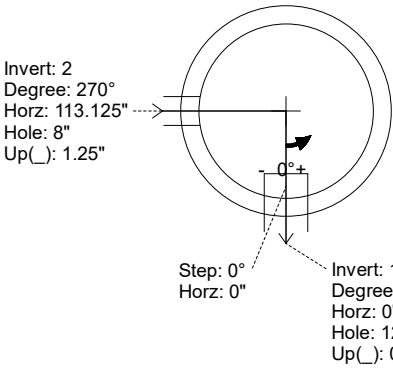
Job Name: 26-2441 - Rock Quarry Rd - US 27 Sewer Job Location: Somerset, KY 42501 Contractor: City of Somerset Wastewater					Plant: 100 6/21/2026 2:42:32 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: US27-1 SS-MH											
P1		MH048BA24		MH BASE T/n							
P3) 24" - CASTING HEIGHT - 7" P2) 48" - ECC CONE w/ 24" HOLE F/G - 30" P1) 48" - MH BASE T/n - 24" 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-315 F/C Sanitary 1) 48" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 1) PSX - 12-08 NYLO 1) PSX - 8QRS-S NYLO 4) MH Step ML-10-TDS-NCR - 10"					0 lb 2050 lb 2938 lb 1440 lb 0 lb 0 lb 258 lb 0 lb 0 lb 8 lb 6 lb 0 lb ----- Structure Total: 6700 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. HOE MC-315 FRAME & COVER "SANITARY" SUPPLIED BY ICAST				
Rim: 903'		Rim to Invert: 5'		Slack: 1"		Sump: 2"		Step Position: 0°			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	898'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"	
Invert 2	898.1'	270°	136.625"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8.038"	1.25"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



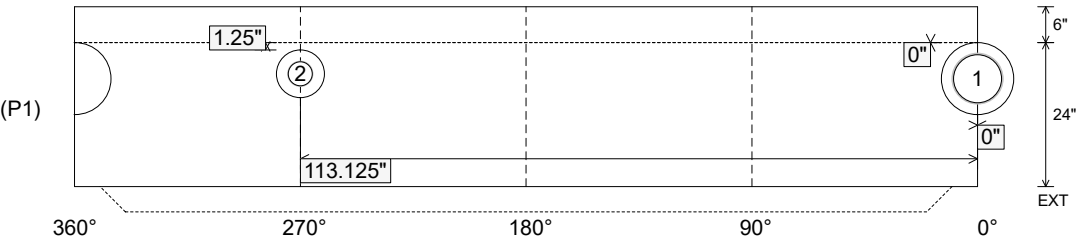
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

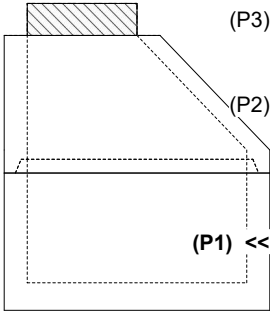


INSIDE WALL DIMENSIONS

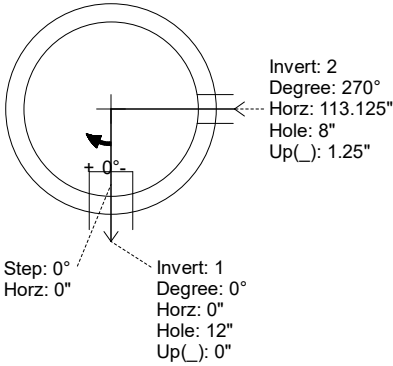


Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2938 lb Volume (Net): 0.75cu.yd
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Job Name: 26-2441 - Rock Quarry Rd - US 27 Sewer Job Location: Somerset, KY 42501 Contractor: City of Somerset Wastewater				Plant: 100 6/21/2026 2:42:32 PM		Tech: J. Horsley PC: J. Jarvis						
Structure ID: US27-1 SS-MH												
P1 MH048BA24				MH BASE T/n								
P3) 24" - CASTING HEIGHT - 7" P2) 48" - ECC CONE w/ 24" HOLE F/G - 30" P1) 48" - MH BASE T/n - 24" 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-315 F/C Sanitary 1) 48" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 1) PSX - 12-08 NYLO 1) PSX - 8QRS-S NYLO 4) MH Step ML-10-TDS-NCR - 10"						0 lb 2050 lb 2938 lb 1440 lb 0 lb 0 lb 258 lb 0 lb 0 lb 8 lb 6 lb 0 lb ----- Structure Total: 6700 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. HOE MC-315 FRAME & COVER "SANITARY" SUPPLIED BY ICAST				
Rim: 903'				Rim to Invert: 5'		Slack: 1"		Sump: 2"		Step Position: 0°		
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	898'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"		
Invert 2	898.1'	270°	136.625"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8.038"	1.25"	0"		
Invert 3												
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												



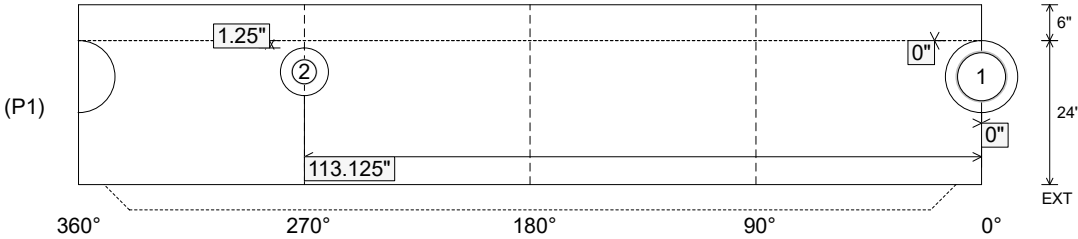
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

INVERT CHANNEL DRAWING

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): 2938 lb Volume (Net): 0.75cu.yd
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Job Name: 24-1164 Paddy's Run Flood PS
Job Location: Louisville, Ky.
Contractor: Core & Main LP (Lou)

Plant: Beaver Dam, Ky.

Tech: S. Felletter

5/18/2026 8:15:55 AM

PC:



Structure ID: Storm MH

P1 MH048LD12S

MH FLAT TOP SPECIAL (MCS-288) F/G

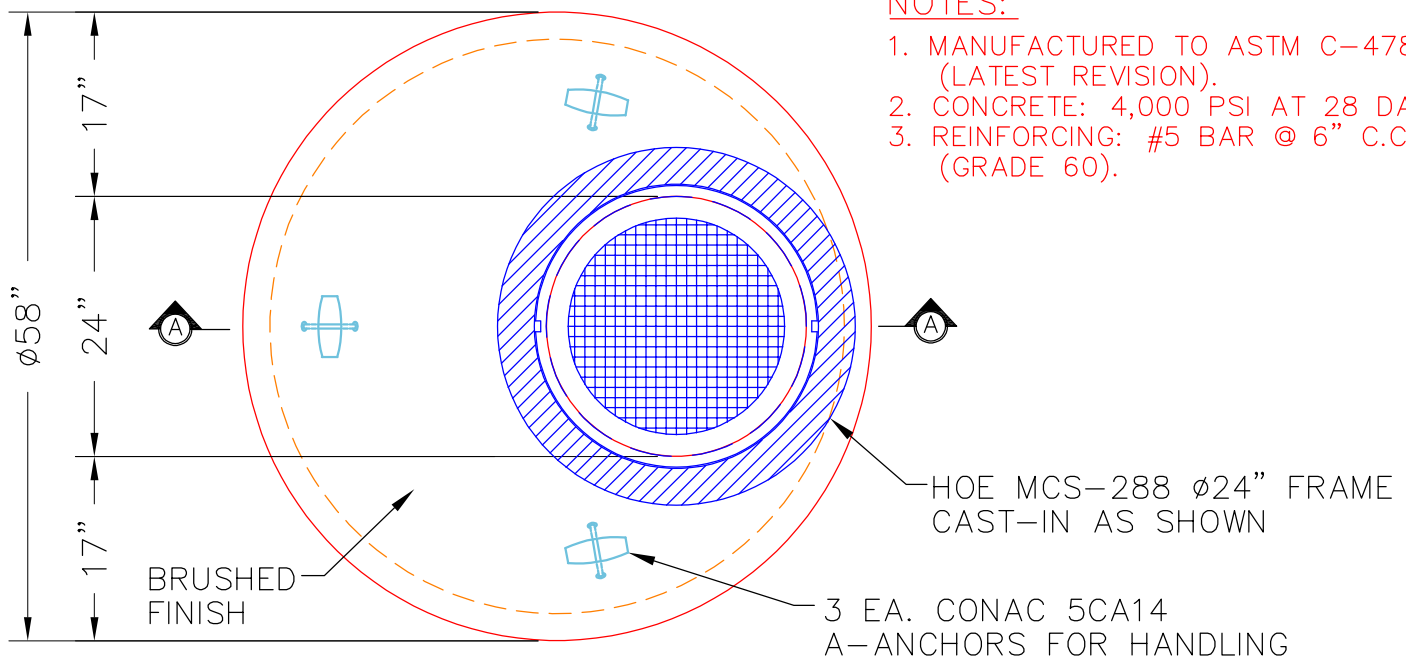
P1) 48" - MH FLAT TOP SPECIAL (MCS-288) F/G - 12"

- 1) CASTING - HOE MCS-288 Cover Storm
- 1) CASTING - HOE MCS-288 Frame
- 1) This Structure Includes a Cast-in Item

1593 lb
125 lb
123 lb
0 lb

Structure Total: 1841 lb

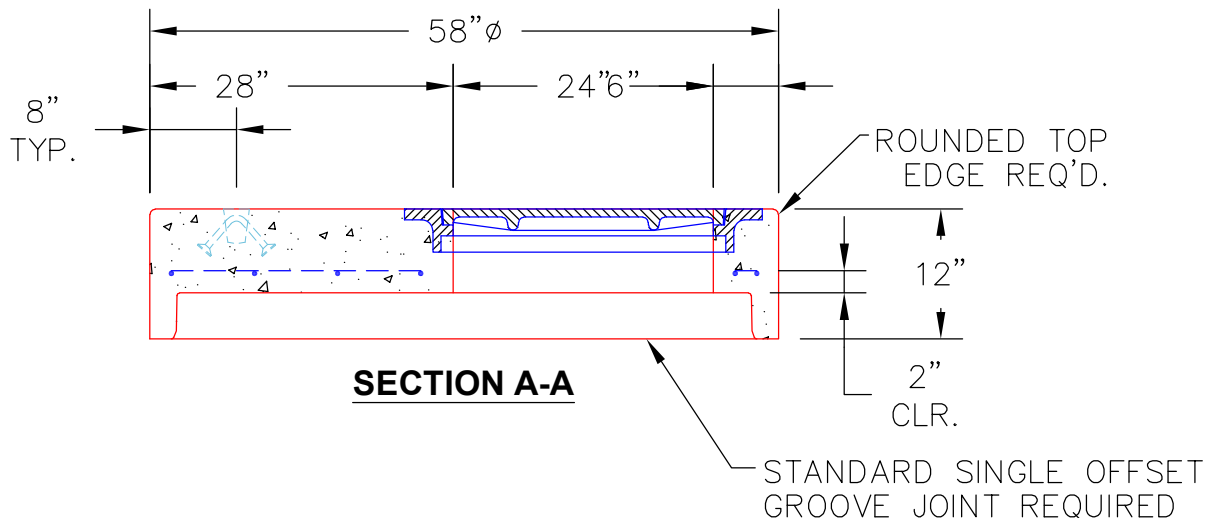
Structure Notes: 1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE MCS-288). CAST-IN.
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.



NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" C.C. E.W. (GRADE 60).

PLAN VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

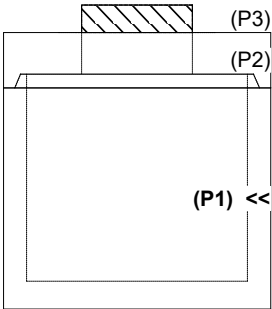
Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 5"

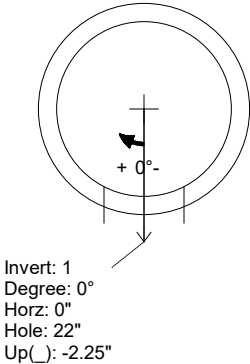
Height (Ext): 12"

Weight (Net): 1593 lb
Volume (Net): 0.41cu.yd

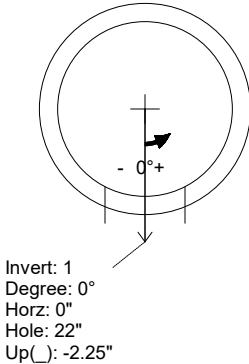
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC					Plant: 100 6/4/2026 4:34:12 PM		Tech: Jared - F PC: E. Bardley				
Structure ID: 35 ST-CI											
P1 MH048BA42		MH BASE T/n									
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P1) 48" - MH BASE T/n - 42" 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 22"					0 lb 1300 lb 4100 lb 442 lb 0 lb 0 lb 0 lb ----- 0 lb Structure Total: 5842 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)). 5. CITY OF BGKY-CBI TYPE F. 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.				
Rim: 692.4'		Rim to Invert: 5'		Slack: 0"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	687.4'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



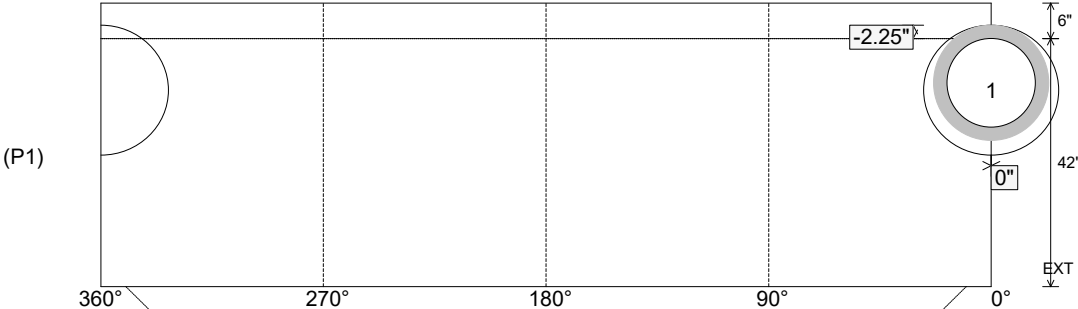
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)

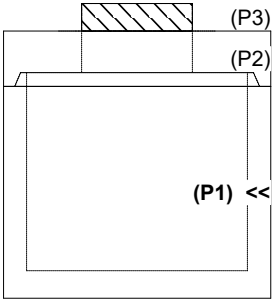


INSIDE WALL DIMENSIONS

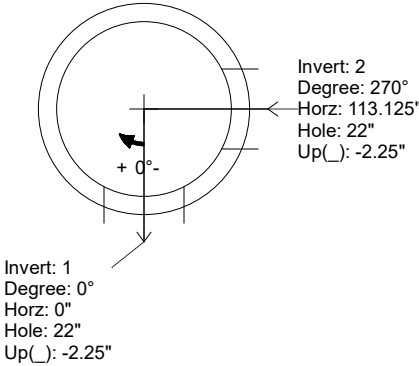


Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 42" Height (Ext): 48"	Weight (Net): 4100 lb Volume (Net): 1.05cu.yd
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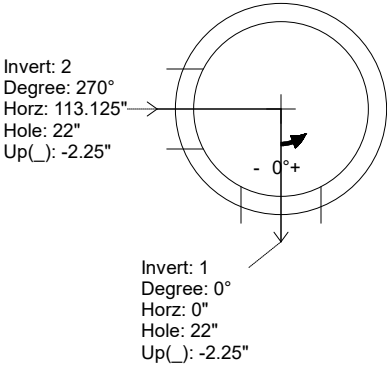
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC					Plant: 100 6/4/2026 4:34:11 PM		Tech: Jared - F PC: E. Bardley				
Structure ID: 33 ST-CI											
P1 MH048BAVF		MH BASE Custom Ht T/n									
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P1) 48" - MH BASE Custom Ht T/n - 40" 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 22"						0 lb 1300 lb 3795 lb 442 lb 0 lb 0 lb 0 lb ----- 5537 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)). 5. CITY OF BGKY-CBI TYPE F. 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.			
Rim: 687.31' Rim to Invert: 4.84' Slack: 0.08" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	682.47'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"	
Invert 2	682.47'	270°	136.625"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



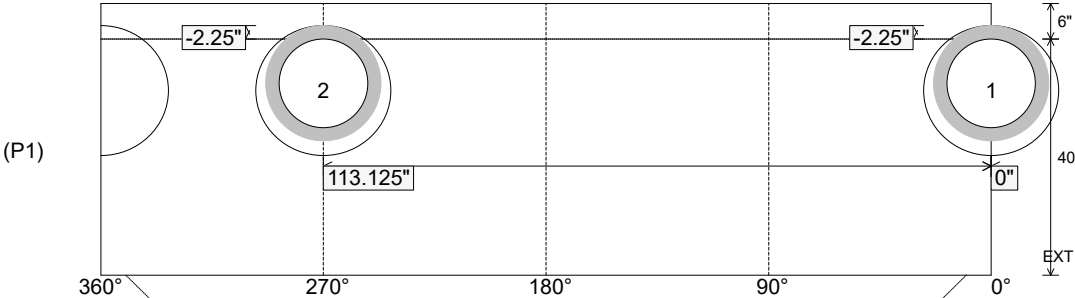
RIGHT-SIDE UP VIEW (int. dimensions)



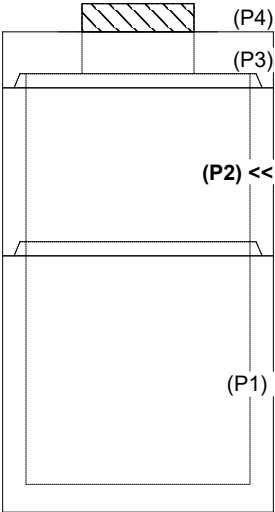
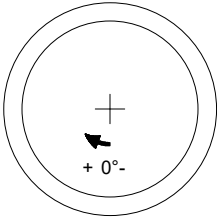
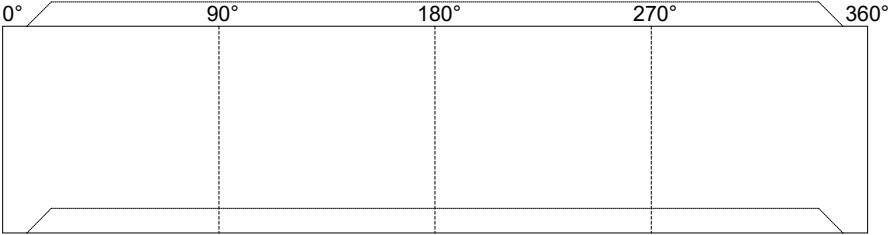
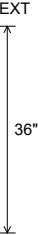
UPSIDE-DOWN VIEW (int. dimensions)

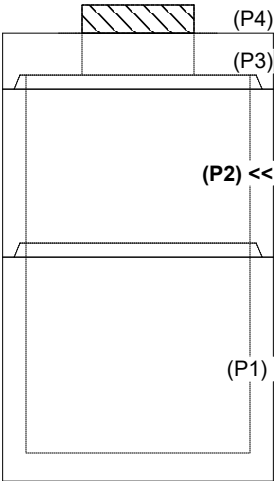
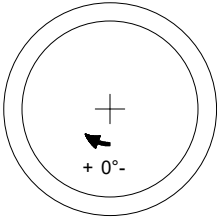
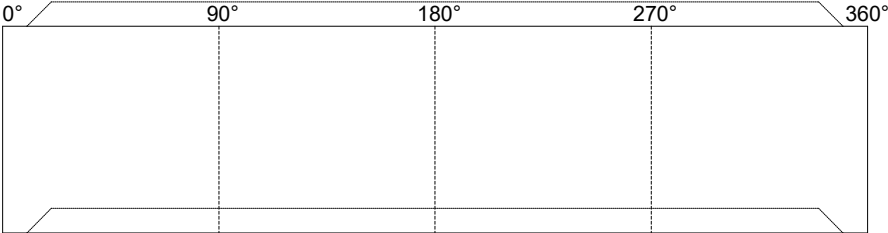
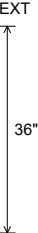


INSIDE WALL DIMENSIONS

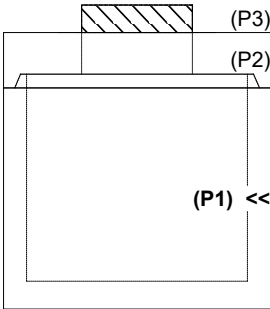


Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 40" Height (Ext): 46"	Weight (Net): 3795 lb Volume (Net): 0.97cu.yd
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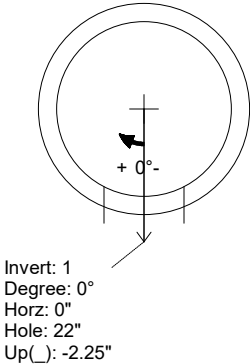
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC				Plant: 100 6/4/2026 4:38:07 PM		Tech: Jared - F PC: E. Bardley					
Structure ID: 17 ST-CI											
P2 MH048RS36S				MH RISER T/G							
P4) 24" x 36" - CASTING HEIGHT - 6" P3) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P2) 48" - MH RISER T/G - 36" P1) 48" - MH BASE Custom Ht T/n - 49" 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H) 2) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 26						0 lb 1300 lb 2515 lb 4287 lb 442 lb 0 lb 0 lb 0 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)). 5. CITY OF BGKY-CBI TYPE F. 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.			
Rim: 678.02' Rim to Invert: 8.66' Slack: 0.92" Sump: 0" Step Position:						Structure Total: 8544 lb					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1											
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions)											
											
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: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC				Plant: 100 6/4/2026 4:38:06 PM		Tech: Jared - F PC: E. Bardley						
Structure ID: 13 ST-CI												
P2 MH048RS36S				MH RISER T/G								
P4) 24" x 36" - CASTING HEIGHT - 6" P3) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P2) 48" - MH RISER T/G - 36" P1) 48" - MH BASE T/n - 42" 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H) 2) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 26 1) Hole - 22						0 lb 1300 lb 2515 lb 3866 lb 442 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 8123 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)). 5. CITY OF BGKY-CBI TYPE F. 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.				
Rim: 680.83'				Rim to Invert: 8'		Slack: 0"		Sump: 0"		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: 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		

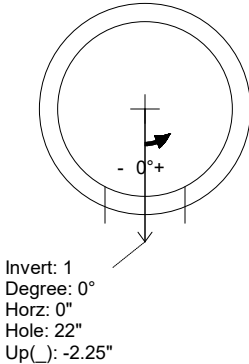
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC					Plant: 100 6/4/2026 4:34:00 PM		Tech: Jared - F PC: E. Bardley				
Structure ID: 11 ST-CI											
P1 MH048BA42			MH BASE T/n								
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P1) 48" - MH BASE T/n - 42" 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 22"					0 lb 1300 lb 4100 lb 442 lb 0 lb 0 lb 0 lb ----- 0 lb Structure Total: 5842 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)). 5. CITY OF BGKY-CBI TYPE F. 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.				
Rim: 685.3'		Rim to Invert: 5'		Slack: 0"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	680.3'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



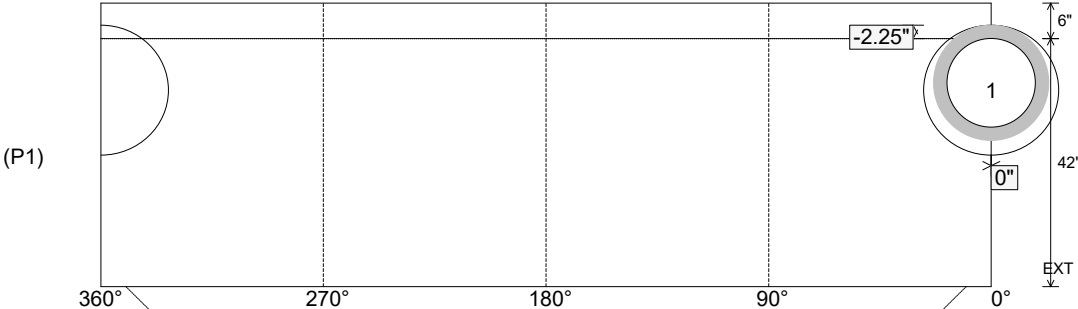
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)

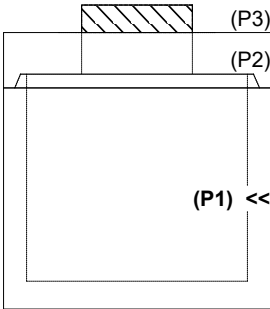


INSIDE WALL DIMENSIONS

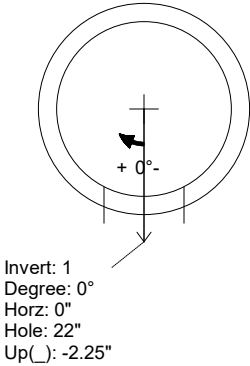


Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 42" Height (Ext): 48"	Weight (Net): 4100 lb Volume (Net): 1.05cu.yd
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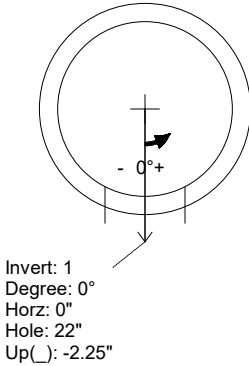
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC					Plant: 100 6/4/2026 4:33:59 PM		Tech: Jared - F PC: E. Bardley				
Structure ID: 10 ST-CI											
P1 MH048BA42			MH BASE T/n								
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P1) 48" - MH BASE T/n - 42" 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 22"						0 lb 1300 lb 4100 lb 442 lb 0 lb 0 lb 0 lb ----- 0 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)). 5. CITY OF BGKY-CBI TYPE F. 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.			
Rim: 689.44' Rim to Invert: 5' Slack: 0" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	684.44'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



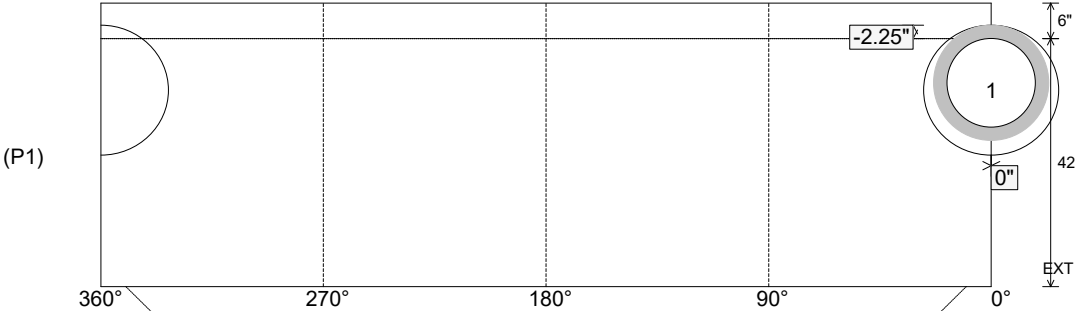
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

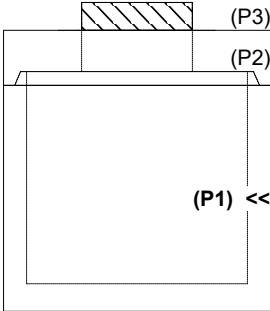


INSIDE WALL DIMENSIONS

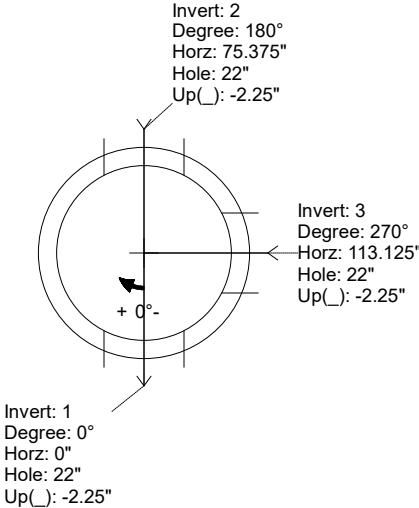


Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 42" Height (Ext): 48"	Weight (Net): 4100 lb Volume (Net): 1.05cu.yd
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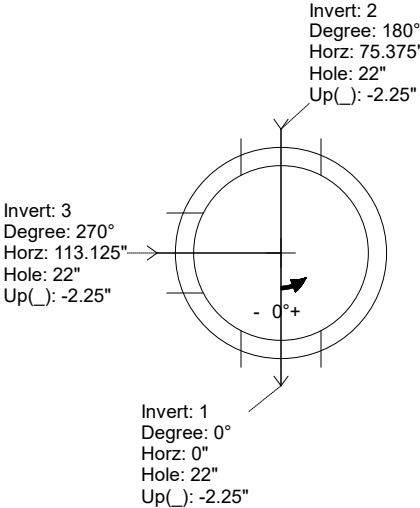
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC					Plant: 100 6/4/2026 4:33:58 PM		Tech: Jared - F PC: E. Bardley				
Structure ID: 7 ST-CI											
P1 MH048BAVF		MH BASE Custom Ht T/n									
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P1) 48" - MH BASE Custom Ht T/n - 43" 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 3) Hole - 22"						0 lb 1300 lb 3840 lb 442 lb 0 lb 0 lb 0 lb ----- Structure Total: 5582 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)). 5. CITY OF BGKY-CBI TYPE F. 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.			
Rim: 683.06'		Rim to Invert: 5.16'		Slack: 0.92"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	677.9'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"	
Invert 2	677.9'	180°	91.125"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"	
Invert 3	677.9'	270°	136.625"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



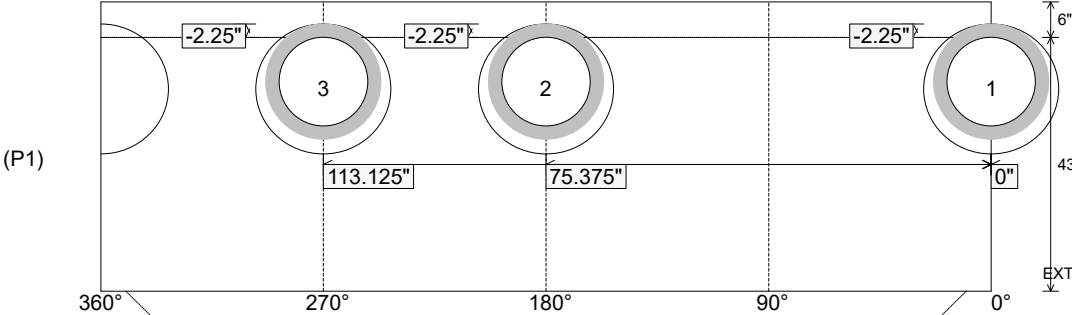
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

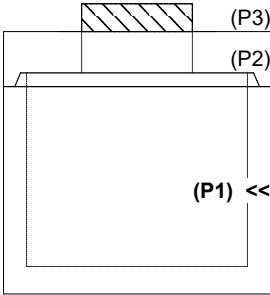


INSIDE WALL DIMENSIONS

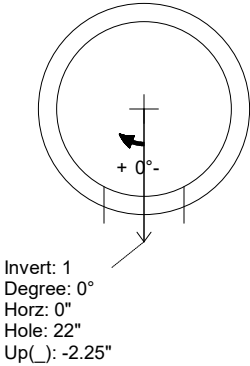


Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 43" Height (Ext): 49"	Weight (Net): 3840 lb Volume (Net): 0.98cu.yd
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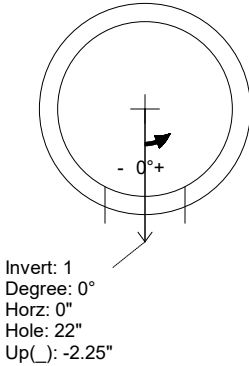
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC					Plant: 100 6/4/2026 4:33:57 PM		Tech: Jared - F PC: E. Bardley				
Structure ID: 6 ST-CI											
P1 MH048BAVF		MH BASE Custom Ht T/n									
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P1) 48" - MH BASE Custom Ht T/n - 39" 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 22"						0 lb 1300 lb 3890 lb 442 lb 0 lb 0 lb 0 lb ----- 5632 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)). 5. CITY OF BGKY-CBI TYPE F. 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.			
Rim: 680.77' Rim to Invert: 4.76' Slack: 0.12" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	676.01'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



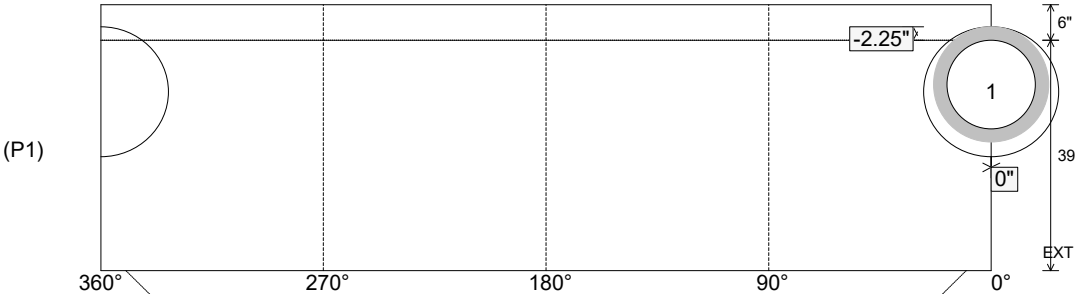
RIGHT-SIDE UP VIEW (int. dimensions)



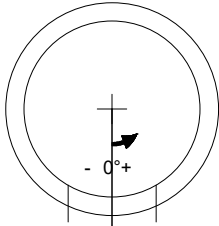
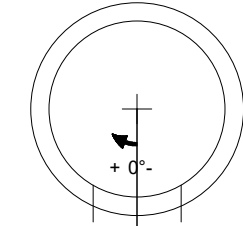
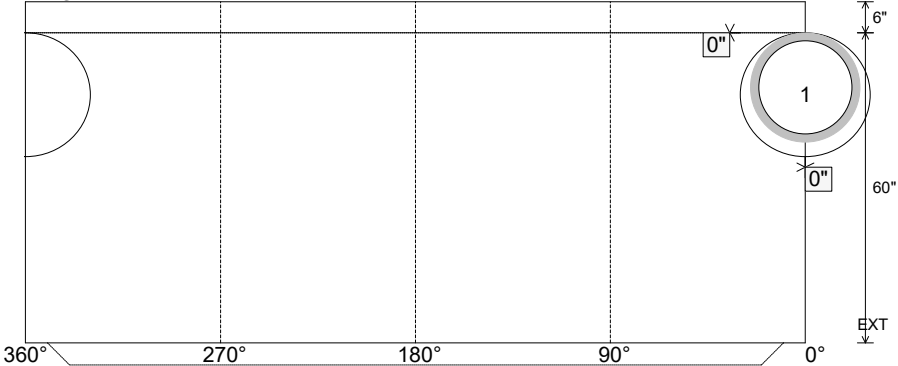
UPSIDE-DOWN VIEW (int. dimensions)

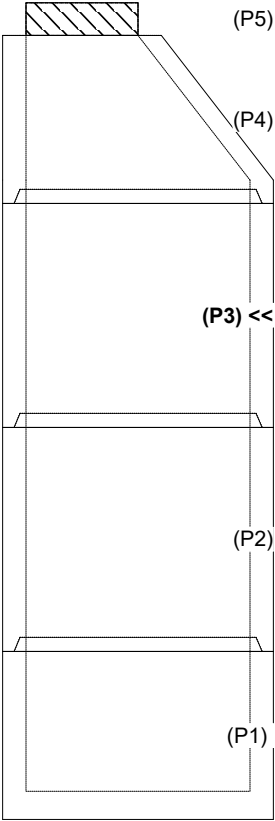
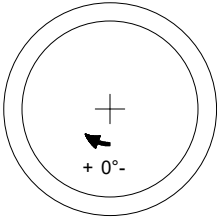
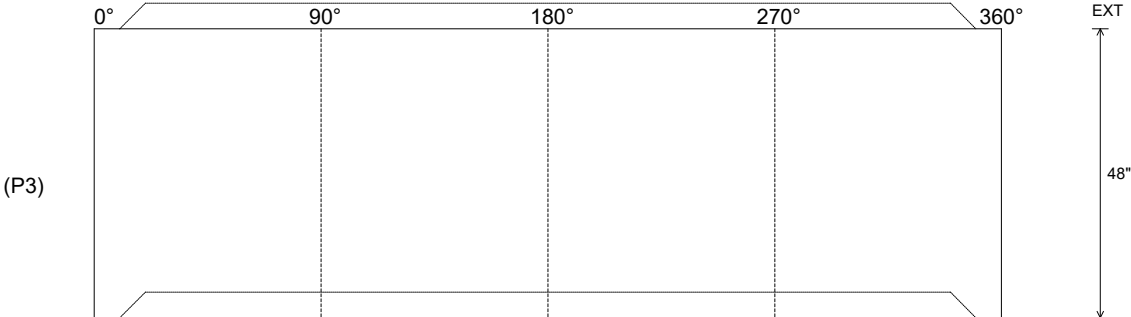


INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 39" Height (Ext): 45"	Weight (Net): 3890 lb Volume (Net): 0.99cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 26-2484 Bass Pro Shops Outpost Paducah Job Location: Paducah, KY Contractor: Central Paving Co. of Paducah, Inc.					Plant: Beaver Dam 6/16/2026 8:02:40 AM		Tech: S. Felletter PC: A. Chambers				
Structure ID: Y9 ST-CI											
P1 MH048BA60		MH BASE T/n									
P3) 24" x 24" - CASTING HEIGHT - 5" P2) 48" - MH FLAT TOP w/24"x24" Hole F/G - 12" P1) 48" - MH BASE T/n - 60" 1) CASTING - HOE KY-465 SET (CBI TY F) 1) 48" - Conseal CS-102 1.00" 1) 24" x 24" - Conseal CS-102 1.00" 1) Hole - 24						0 lb 1500 lb 5325 lb 465 lb 0 lb 0 lb 0 lb ----- Structure Total: 7290 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE 465 F/G/H). 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.			
Rim: 373.47' Rim to Invert: 6.47' Slack: 2.24" Sump: 1.6" Step Position: 0°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	367'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	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. dimenions)  INSIDE WALL DIMENSIONS 											
Coating (Int): Coating (Ext):			Seam Up: Tongue Seam Dn: n/a		Wall Thickness: 5" Floor Height: 6"		Height (Int): 60" Height (Ext): 66"		Weight (Net): 5325 lb Volume (Net): 1.36cu.yd		

Job Name: 26-1066 - Gunning Pump Station & Force Main Job Location: Bardstown, KY Contractor: Connhurst, LLC					Plant: 100 6/2/2026 10:56:52 AM		Tech: Jared - F PC: E. Bradley				
Structure ID: B1 (4)											
P3 MH048RS48S MH RISER T/G											
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC CONE w/ 24" HOLE F/G - 36" P3) 48" - MH RISER T/G - 48" P2) 48" - MH RISER T/G - 48" P1) 48" - MH BASE T/h - 30" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 048" MAC WRAP 1) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 DD						0 lb 3000 lb 3353 lb 3353 lb 3330 lb 1440 lb 0 lb 0 lb 0 lb 16 lb ----- Structure Total: 14493 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: 558.5' Rim to Invert: 14.06' Slack: 1.72" Sump: 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											
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): 48" Height (Ext): 48"		Weight (Net): 3353 lb Volume (Net): 0.86cu.yd		

Job Name: 26-2380 902433 Security Bank
Job Location: Kansas City, MO
Contractor: Contech Engineering Solutions

Plant: Beaver Dam
5/19/2026 4:19:13 PM

Tech: S. Felletter
PC: C. Goff



Structure ID: 10-CS-4

P4 MH048LD12-30

MH FLAT LID w/30in ECC Hole F/G

- P5) 30" - CASTING HEIGHT - 4"
P4) 48" - MH FLAT LID w/30in ECC Hole F/G - 12"
P3) 48" - MH RISER T/G - 42"
P2) 48" - MH RISER SPECIAL T/G - 60"
P1) 48" - MH BASE T/h - 36"
1) CVSTENCILING
1) ASSEMBLY REQUIRED
3) 48" - Conseal CS-102 1.00"
2) Hole - 20
1) Hole - 12

Structure Total:

0 lb
1413 lb
2934 lb
3873 lb
3845 lb
0 lb
0 lb
0 lb
0 lb
0 lb
12066 lb

Structure Notes:

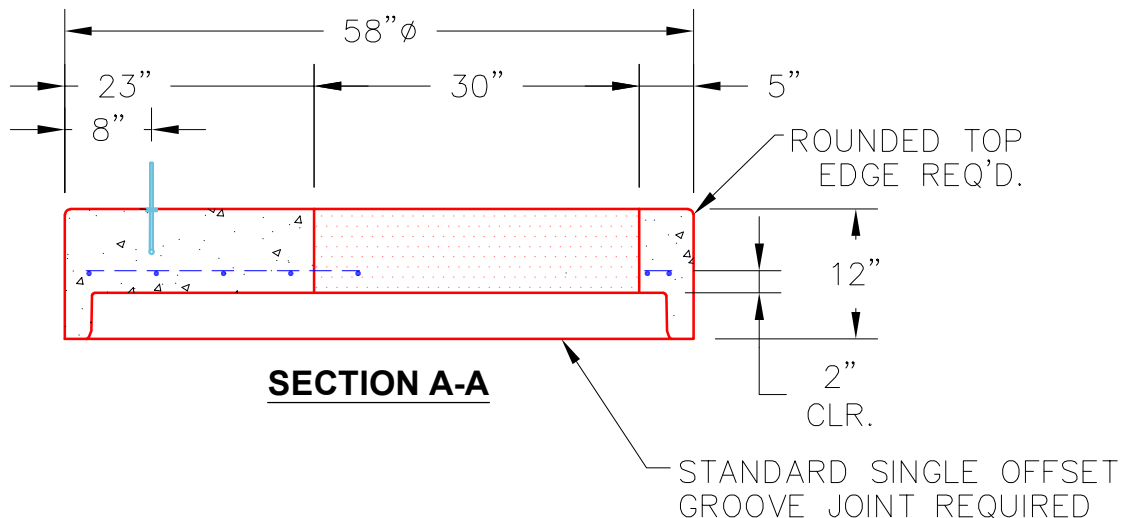
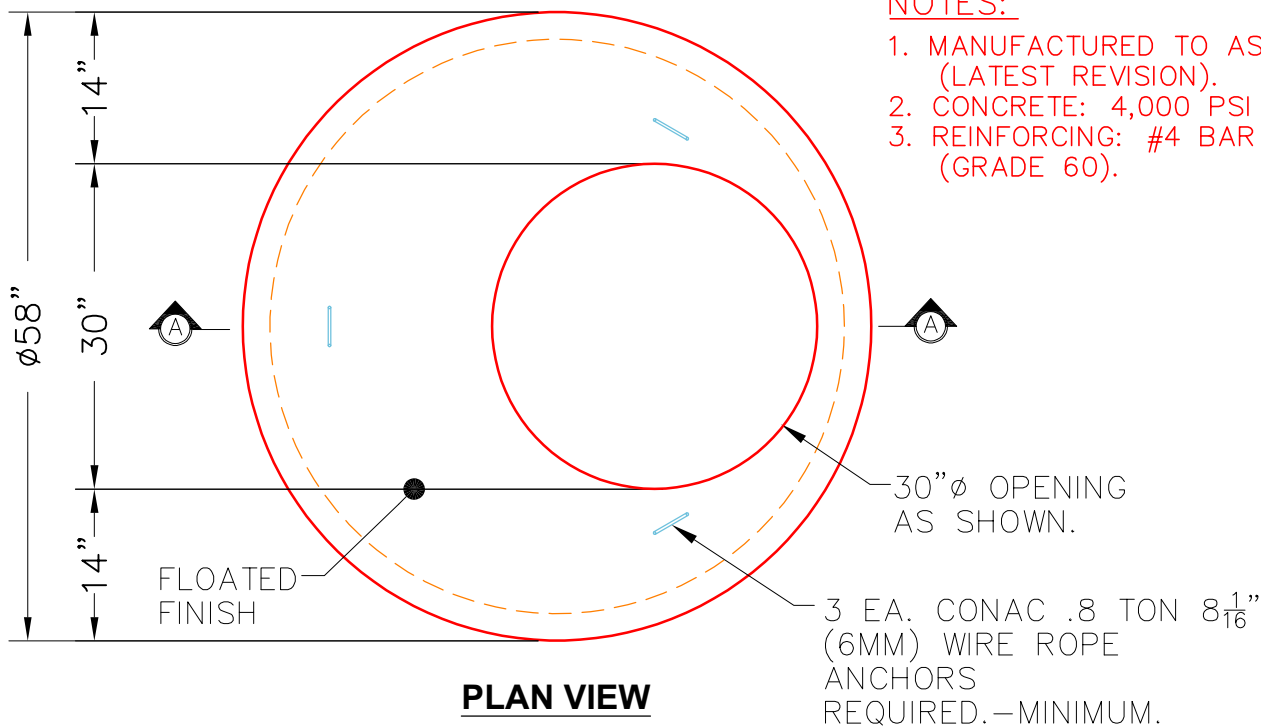
4" CASTING BY OTHERS

LIFT 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

P1 BASE & P2 RISER TO BE MECHANICALLY
ATTACHED PRIOR TO INSTALL



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

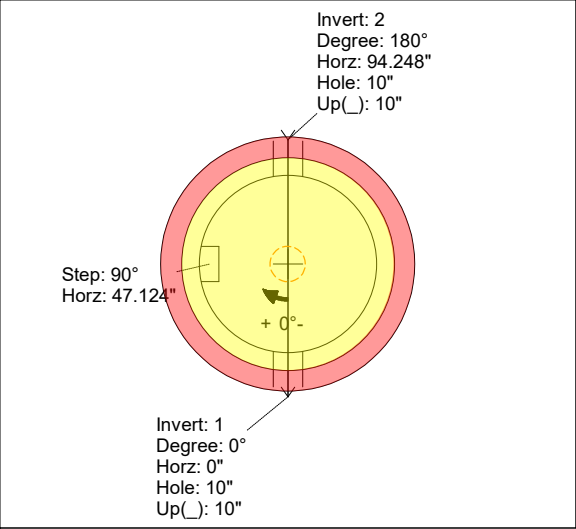
Wall Thickness: 5"

Height (Ext): 12"

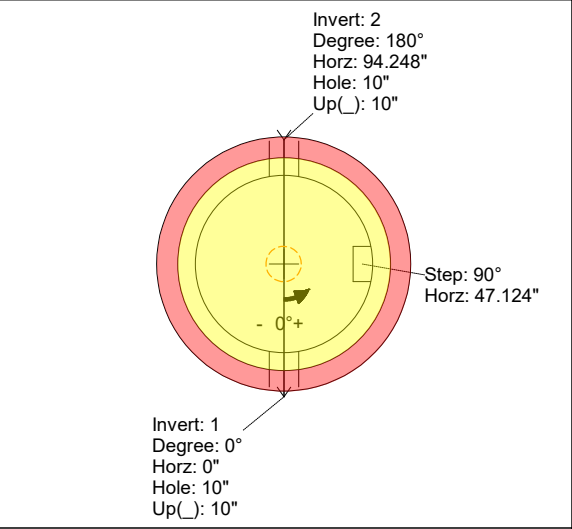
Weight (Net): 1413 lb
Volume (Net): 0.36cu.yd

Job Name: 25-4445 Montgomery LS/FM Improvements Job Location: Montgomery, IN Contractor: Koberstein Contracting, Inc.					Plant: Beaver Dam 6/18/2026 10:58:44 AM		Tech: S. Felletter PC: A. Chambers				
Structure ID: MAG (2)											
P1 MH060BAEVF		MH BASE w/FLANGE (12F/07EF) T/n									
P3) 24" - CASTING HEIGHT - 7" P2) 60" - MH FLAT TOP w/24" Ctr. Hole F/G - 13" P1) 60" - MH BASE w/FLANGE (12F/07EF) T/n - 52" 1) CASTING - HOE MC-315 F/C Sanitary 1) 60" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) Hole - 10 3) MH Step ML-10-TDS-NCR - 10"					0 lb 2674 lb 11198 lb 258 lb 0 lb 0 lb 0 lb 0 lb ----- 14130 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE 315 F/C "SANITARY"). 4. 12" SUMP HOLE CENTERED IN BASE. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .18) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.				
First pour drawing First pour weight = 9448 LBS Second pour weight = 1750 LBS					Structure Total: 14130 lb						
Rim: 492'		Rim to Invert: 5'		Slack: 0.326"		Sump: 12.326"		Step Position: 90°			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	487'	0°	0"	6" HDPE DR11	6.625"	Hole 10	10"	10.047"	10"	0"	
Invert 2	487'	180°	113.097"	6" HDPE DR11	6.625"	Hole 10	10"	10.047"	10"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

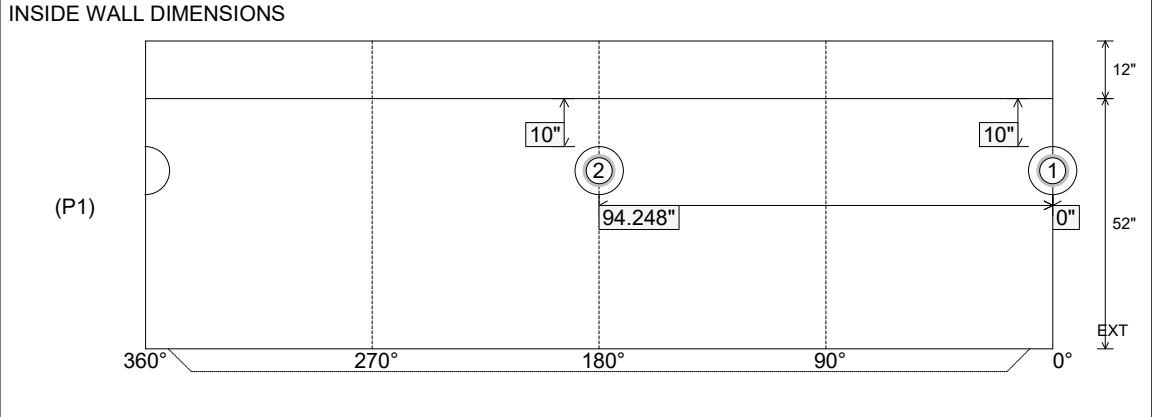
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 12"

Height (Int): 52"
Height (Ext): 64"

Weight (Net): 11198 lb
Volume (Net): 2.86cu.yd

Job Name: 25-4445 Montgomery LS/FM Improvements
Job Location: Montgomery, IN
Contractor: Koberstein Contracting, Inc.

Plant: Beaver Dam

Tech: S. Felletter

6/18/2026 10:58:44 AM

PC: A. Chambers



Structure ID: MAG (2)

P1 MH060BAEVF

MH BASE w/FLANGE (12F/07EF) T/n

P3) 24" - CASTING HEIGHT - 7"
P2) 60" - MH FLAT TOP w/24" Ctr. Hole F/G - 13"
P1) 60" - MH BASE w/FLANGE (12F/07EF) T/n - 52"
1) CASTING - HOE MC-315 F/C Sanitary
1) 60" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
2) Hole - 10
3) MH Step ML-10-TDS-NCR - 10"

0 lb
2674 lb
11198 lb
258 lb
0 lb
0 lb
0 lb
0 lb
0 lb
14130 lb

Structure Total:

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE 315 F/C "SANITARY").
4. **12" SUMP HOLE CENTERED IN BASE.**

REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .18)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Second pour drawing

First pour weight = 9448 LBS

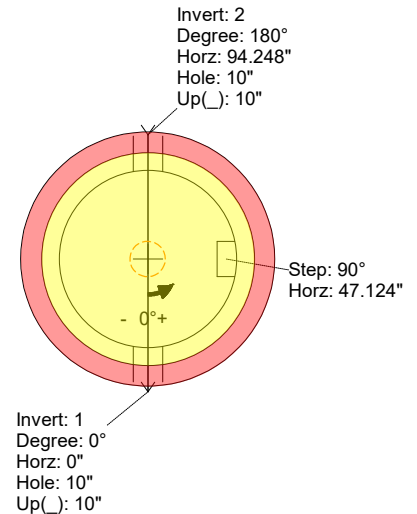
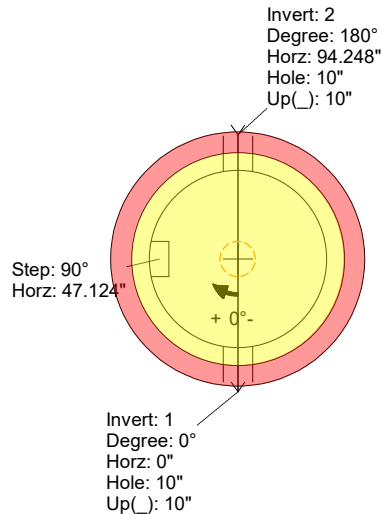
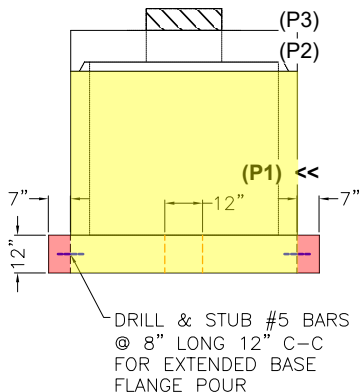
Second pour weight = 1750 LBS

Rim: 492' Rim to Invert: 5' Slack: 0.326" Sump: 12.326" Step Position: 90°

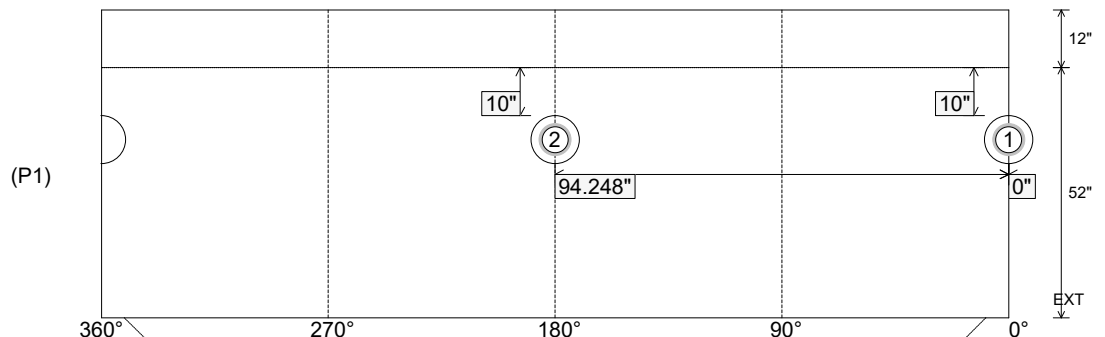
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	487'	0°	0"	6" HDPE DR11	6.625"	Hole 10	10"	10.047"	10"	0"
Invert 2	487'	180°	113.097"	6" HDPE DR11	6.625"	Hole 10	10"	10.047"	10"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 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: 12"

Height (Int): 52"
Height (Ext): 64"

Weight (Net): 11198 lb
Volume (Net): 2.86cu.yd

Job Name: 25-2471 - Texas Roadhouse

Job Location: Danville, KY

Contractor: McCain Bros Excavating LLC

Plant: 100

6/12/2026 3:42:51 PM

Tech: Jared - F

PC: M. Sullivan

Structure ID: 1

P2 MH060RS72S

MH RISER T/F

P7) 24" - CASTING HEIGHT - 7"

P6) 24" - GRADE RING F/F - 4"

P5) 48" - ECC CONE w/ 24" HOLE F/G - 24"

P4) 48" - MH RISER T/G - 24"

P3) 60" - MH Transition Slab 48" Hole T/G - 13"

P2) 60" - MH RISER T/F - 72"

P1) 60" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"

2) 60" - Conseal CS-202 1.00"

2) 48" - Conseal CS-202 1.00"

2) DOGHOUSE - 40"x42"

1) Hole - 30

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

0 lb

270 lb

1550 lb

1677 lb

1928 lb

5413 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 10838 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. NO INVERT CHANNEL.

4. (7" TALL CASTING BY OTHERS)

REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12).

- RISER/WALLS (As .12)

- TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W.

- RISER/WALLS (As .18)

Rim: 1036.1' Rim to Invert: 11.6' Slack: 0.2" Sump: 5" Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1024.5'	0°	0"	30" HDPE	35.1"	DOGHOUSE 40"x42"	40" x 42"	43.784"	2.5"	0"
Invert 2	1024.5'	180°	113.125"	30" HDPE	35.1"	DOGHOUSE 40"x42"	40" x 42"	43.784"	2.5"	0"
Invert 3	1024.5'	267°	167.75"	24" HDPE	27.8"	Hole 30	30"	31.416"	3.125"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

(P7)

(P6)

(P5)

(P4)

(P3)

(P2) <<

(P1)

Invert: 2

Degree: 180°

Horz: 94.25"

Hole: 40" x 42"

Up(): 2.5"

Invert: 3

Degree: 267°

Horz: 139.75"

Hole: 30"

Up(): 3.125"

Step: 90°

Horz: 47.125"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 40" x 42"

Up(): 2.5"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

0"

94.25"

139.75"

2.5"

3.125"

72"

(P2)

1

2

3

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Flat

Wall Thickness: 6"

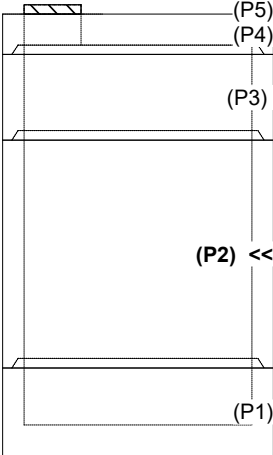
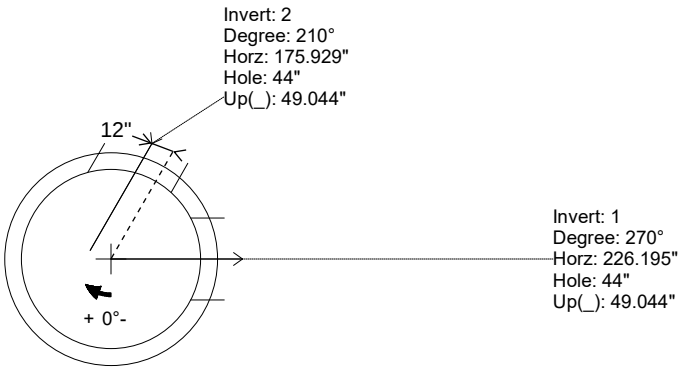
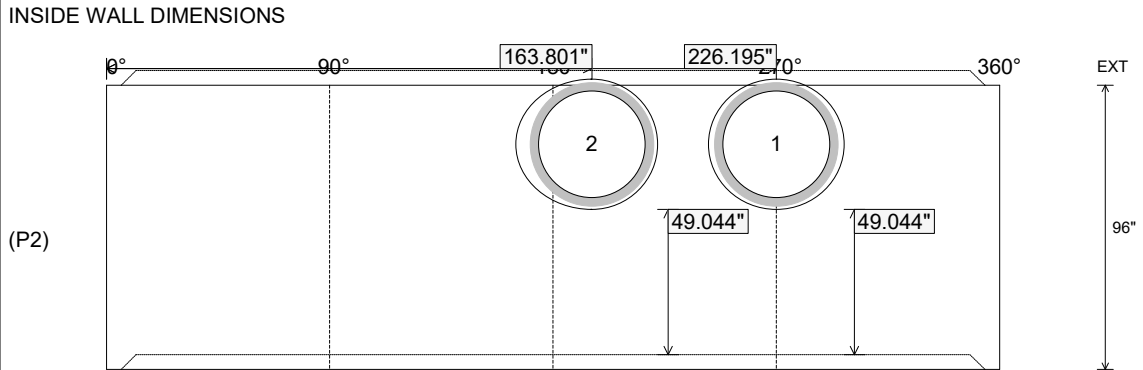
Floor Height: 0"

Height (Int): 72"

Height (Ext): 72"

Weight (Net): 5413 lb

Volume (Net): 1.38cu.yd

Job Name: 26-2037 830068 Marketplace Job Location: Georgetown, KY Contractor: Contech Engineering Solutions					Plant: Beaver Dam 4/23/2026 11:53:53 AM		Tech: S. Felletter PC: S. Goff				
Structure ID: 25-CS-8											
P2 MH096RS96		MH RISER T/G									
P5) 24" - CASTING HEIGHT - 4" P4) 96" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 17" P3) 96" - MH RISER T/G - 36" P2) 96" - MH RISER T/G - 96" P1) 96" - MH MONOBASE 13F, Custom Ht T/n - 24" 1) CVSTENCILING 1) ASSEMBLY REQUIRED 3) 96" - Conseal CS-102 1.00" 2) Hole - 44						0 lb 10015 lb 8928 lb 21539 lb 17113 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 57595 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: 840'		Rim to Invert: 8.7'		Slack: 9.444"		Sump: 82.044"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	831.3'	270°	268.606"	36" HDPE	41.7"	Hole 44	44"	45.707"	49.044"	0"	
Invert 2	831.3'	210°	196.825"	36" HDPE	41.7"	Hole 44	44"	47.856"	49.044"	-12"	
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: 9" Floor Height: 0"		Height (Int): 96" Height (Ext): 96"		Weight (Net): 21539 lb Volume (Net): 5.5cu.yd		

Job Name: 26-1038 - Perryville & Junction City WW Improvements
Job Location: Danville, KY
Contractor: Connhurst, LLC

Plant: 100

5/6/2026 4:07:11 PM

Tech: Jared - A

PC: E. Bradley



Structure ID: 61038 (4)

P5 MH096LD17S

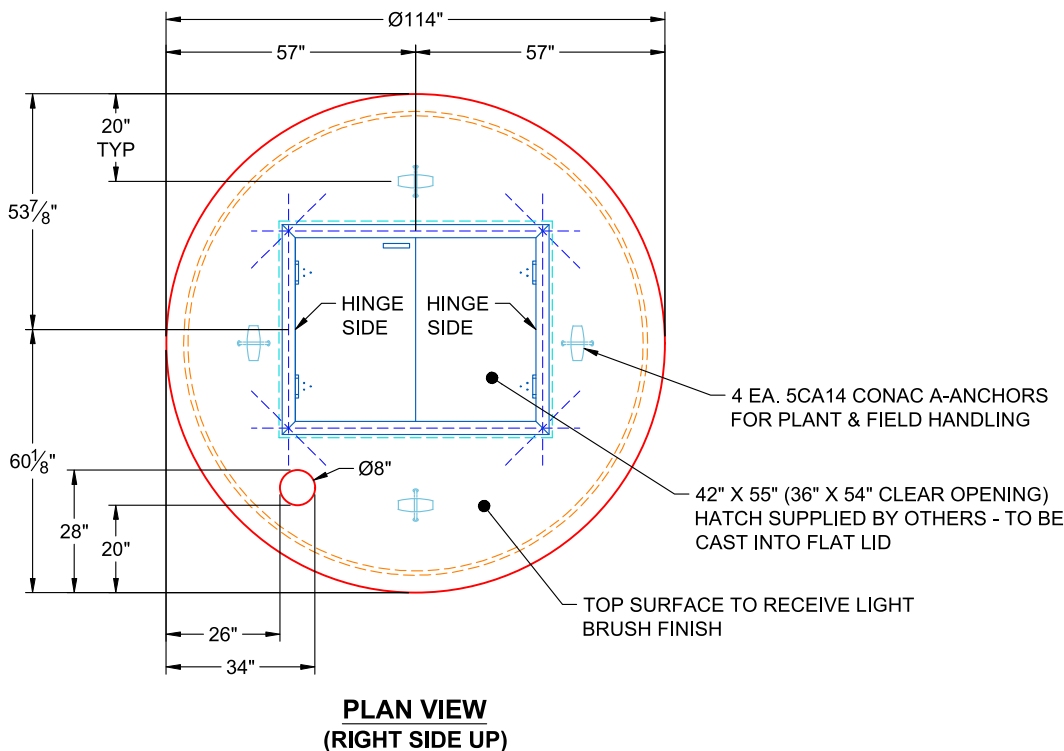
MH FLAT TOP w/42"x55" Hatch F/G

- P6) 42" x 55" - HATCH (CAST FLUSH) - 3"
P5) 96" - MH FLAT TOP w/42"x55" Hatch F/G - 17"
P4) 96" - MH RISER Custom Ht T/G - 67"
P3) 96" - MH RISER T/G - 72"
P2) 96" - MH RISER T/G - 54"
P1) 96" - MH SEPARATE BASE-T EXT. 14" (142" OD) T/n - 12"
1) This Structure Includes a Cast-in Item - 42" x 55" Hatch (Supplied by Others)
4) JOINT WRAP - 12" WD x 096" MAC WRAP
4) 96" - Conseal CS-231 1.00" (Double)
3) PSX - 8QRS-S NYLO
1) PSX - 12-08 NYLO

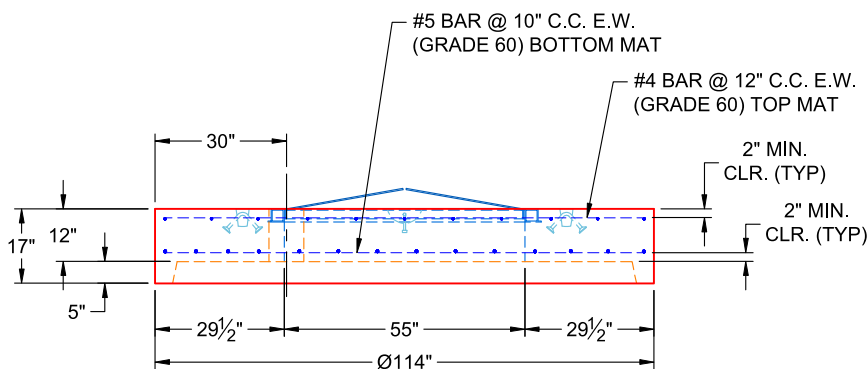
	0 lb
	8820 lb
	16574 lb
	17851 lb
	13452 lb
	19580 lb
	0 lb
	0 lb
	0 lb
	20 lb
	8 lb
Structure Total:	76305 lb

Structure Notes:

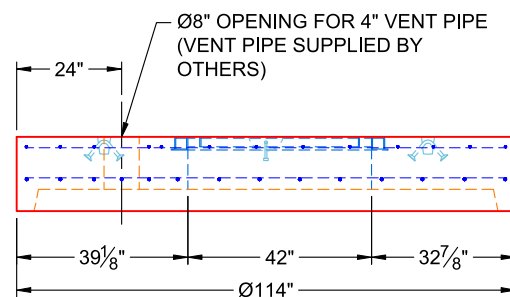
- PER ASTM C-478 SPECIFICATIONS
- CONCRETE: 4,500 PSI AT 28 DAYS
- REINFORCEMENT - 2" MIN. REBAR CLEARANCE (TYP):
 - TOP MAT: #4 BAR @ 12" C.C. E.W. (GRADE 60)
 - BOTTOM MAT: #5 BAR @ 10" C.C. E.W. (GRADE 60)
- 42" X 55" (36" X 54" CLEAR OPENING) HATCH SUPPLIED BY OTHERS - TO BE CAST INTO FLAT LID
- 4" VENT PIPE SUPPLIED BY OTHERS
- LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN
- TOP SURFACE TO RECEIVE LIGHT BRUSH FINISH



**PLAN VIEW
(RIGHT SIDE UP)**



**FRONT VIEW
(RIGHT SIDE UP)**



**SIDE VIEW
(RIGHT SIDE UP)**

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 9"

Height (Ext): 17"

Weight (Net): 8820 lb
Volume (Net): 2.25cu.yd

Job Number:

26-1038

Job Name:

Perryville & Junction City WW
Improvements

Structure:

61038 (4)

Note:

42" x 55" (36" x 54" Clear Opening)
Hatch Supplied By Others To Be Cast
Into Flat Lid

Job Name: 25-2898 - Hunter's Ridge Ph.1
Job Location: Owensboro, KY
Contractor: Ernie Davis & Sons Mechanical, Inc.

Plant: 100
5/29/2026 8:41:22 AM

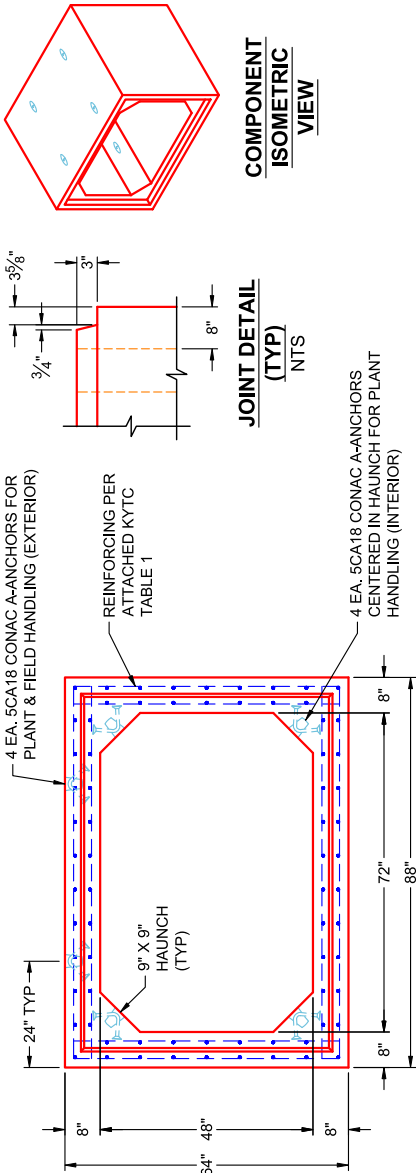
Tech: Jared - A
PC: A. Chambers



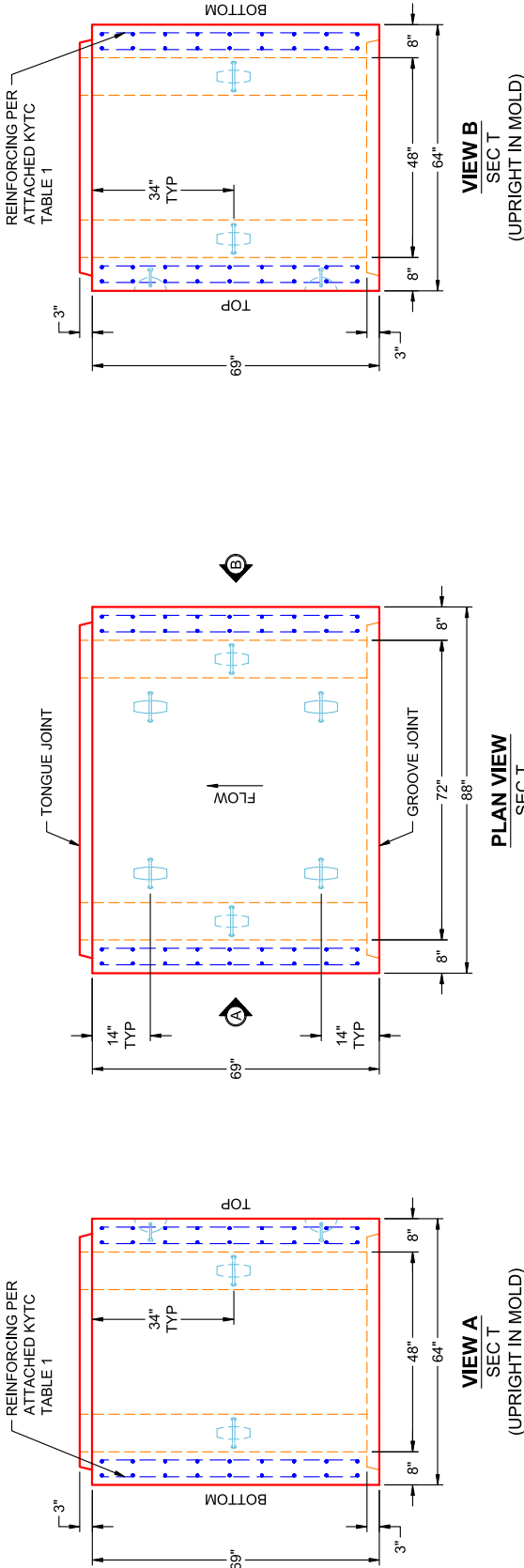
Structure ID: BC 6 x 4 (Sec T)

P1 BC048072-08WLF-9H

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



END VIEW
TYPICAL



- GENERAL NOTES:**
- PER SECTION 605 OF KYTC STANDARD SPECS FOR ROAD & BRIDGE CONSTRUCTION
 - LOAD REQUIREMENTS: KY-HL93 (KY TABLE 1)
 - REINFORCEMENT PER ATTACHED KYTC TABLE 1
 - COVER DEPTH: 0' - 4"
 - CONCRETE: 5,000 PSI AT 28 DAYS
 - JOINT SEALANT: 1" BUTYL MASTIC (CS-102) EXTERIOR JOINT WRAP: 12" WIDE (CS-212)
 - WEIGHT: 6' X 4' RCBC = 2,354 LBS / LF (5'-9" LONG SECTION = 13,537 LBS)

PRODUCTION WORK ORDER

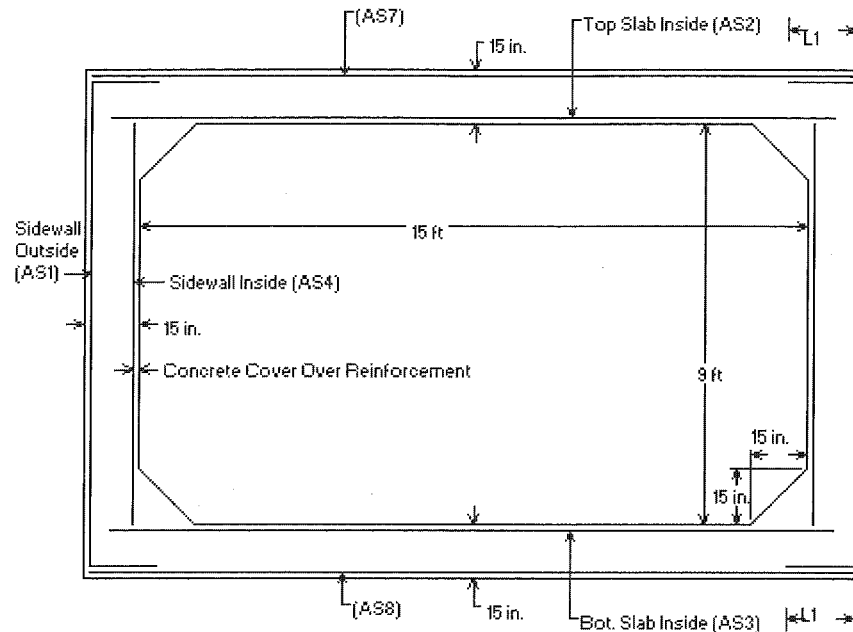


- QUALITY CONTROL CHECKLIST**
- ☐ ALL DIMENSIONS CORRECT.
 - ☐ LIFTERS INSTALLED INSIDE.
 - ☐ RECESS WITH HAUNCHES CORRECT.
 - ☐ REINFORCING CORRECT.
 - ☐ SURFACE QUALITY ACCEPTABLE.
 - ☐ LIFTERS INSTALLED OUTSIDE.
 - ☐ PRODUCT SQUARE.

PRODUCT I.D.: BC048072-08WLF-9H
PRODUCT VIEW: RIGHT SIDE UP
PLANT: BEAVER DAM, KY
WEIGHT: 13,537 LBS
TOP SECTION JOINT: TONGUE
BASE SECTION JOINT: GROOVE
QC CHECK INITIALS:

DESCRIPTION: 72" X 48" X 69" BOX CULVERT (8" WALLS & 9" HAUNCH)
CUSTOMER: ERNIE DAVIS & SONS MECHANICAL, INC.
PROJECT: HUNTER'S RIDGE PH 1
STRUCTURE: BC 6 X 4 (SEC T)
ORDER NO: 25-2898
PE: J.H. ROSS
DRAWING: K. CARDWELL
DATE: 05/29/26
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

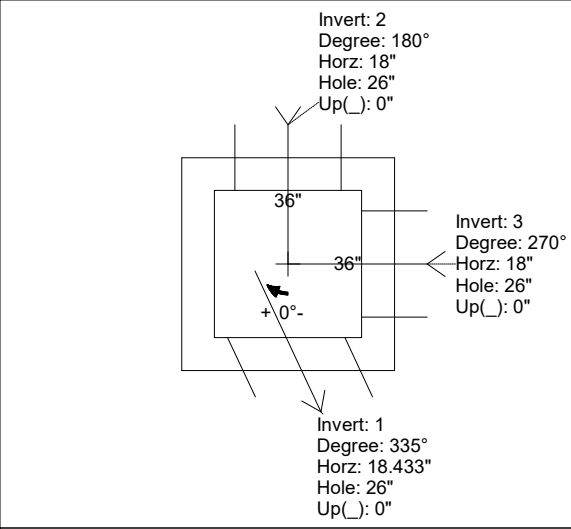
Precast Culvert KYHL-93 Design Table

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
6x4x7	0<2*	0.202	0.421	0.266	0.168	0.192	0.168	0.192	0.192
	2<3	0.251	0.368	0.288	0.168	0.168	0.168		
	3-5	0.19	0.271	0.24	0.168	0.168	0.168		
	10	0.168	0.228	0.234	0.168	0.168	0.168		
	15	0.216	0.306	0.313	0.168	0.168	0.168		
	20	0.275	0.391	0.398	0.168	0.168	0.168		
	25	0.338	0.479	0.487	0.168	0.168	0.168		
	30	0.404	0.571	0.579	0.168	0.168	0.168		
	35	0.473	0.667	0.675	0.168	0.168	0.168		
*top slab 8"									

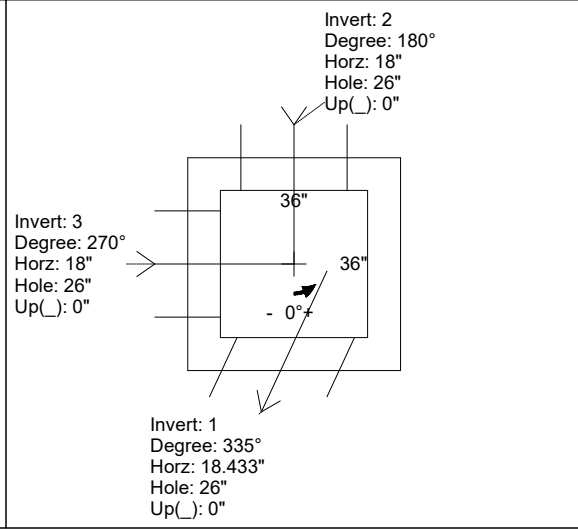
Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
6x5x7	0<2*	0.192	0.449	0.291	0.168	0.192	0.168	0.192	0.192
	2<3	0.22	0.398	0.316	0.168	0.168	0.168		
	3-5	0.168	0.294	0.262	0.168	0.168	0.168		
	10	0.168	0.243	0.252	0.168	0.168	0.168		
	15	0.188	0.326	0.336	0.168	0.168	0.168		
	20	0.238	0.417	0.427	0.168	0.168	0.168		
	25	0.291	0.512	0.522	0.168	0.168	0.168		
	30	0.347	0.611	0.622	0.168	0.168	0.168		
	35	0.406	0.714	0.725	0.168	0.168	0.168		
*top slab 8"									

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
6x6x7	0<2*	0.192	0.47	0.311	0.168	0.192	0.168	0.192	0.192
	2<3	0.195	0.421	0.337	0.168	0.168	0.168		
	3-5	0.168	0.311	0.277	0.168	0.168	0.168		
	10	0.168	0.252	0.263	0.168	0.168	0.168		
	15	0.168	0.338	0.349	0.168	0.168	0.168		
	20	0.212	0.432	0.444	0.168	0.168	0.168		
	25	0.259	0.531	0.543	0.168	0.168	0.168		
	30	0.308	0.634	0.647	0.168	0.168	0.168		
	35	0.359	0.741	0.755	0.168	0.168	0.168		
*top slab 8"									

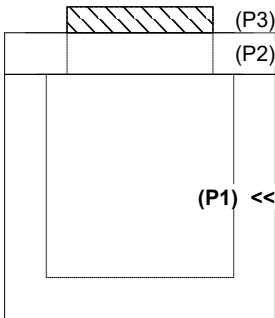
Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC				Plant: Beaver Dam 6/9/2026 10:36:57 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R8										
P1 BX3636-08BAVF				BOX BASE 8inW, 8inF, Variable Ht F/n						
P3) 28" x 28" - CASTING HEIGHT - 5" P2) 36" x 36" - BX FLAT LID 8inW w/28"x28" HOLE F/F - 8" P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39" 1) 36" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK 1) CASTING - JBS 3104-V SINGLE SET 1) 36" x 36" - SGL 1"x14.5' Butyl (2x) 3) Hole - 26"						0 lb 1289 lb 5317 lb 450 lb 250 lb 0 lb 0 lb ----- Structure Total: 7306 lb		Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (JBS-3104 SINGLE SET). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (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.		
Rim: 570.12' Rim to Invert: 4.17' Slack: 0.54" Sump: 2.5" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	565.95'	335°	22.703"	18" RCP B WALL	23"	Hole 26	26"	28.688"	0"	8"
Invert 2	565.95'	180°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 3	565.95'	270°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



RIGHT-SIDE UP VIEW (int. dimensions)

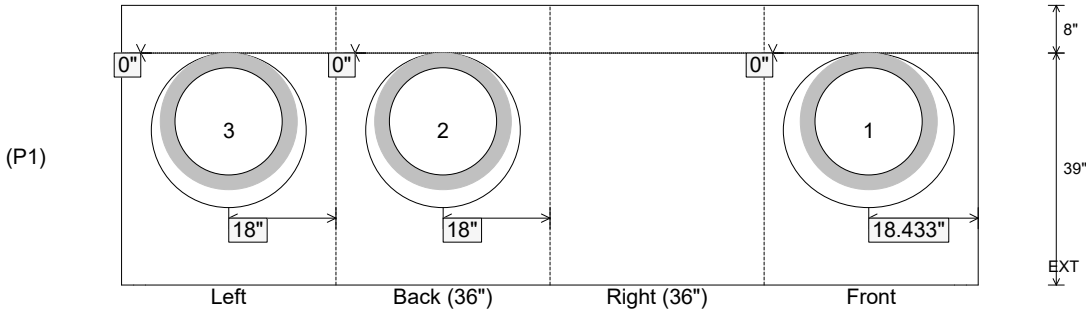


UPSIDE-DOWN VIEW (int. dimensions)



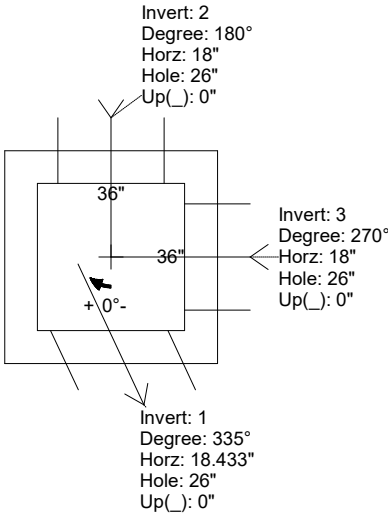
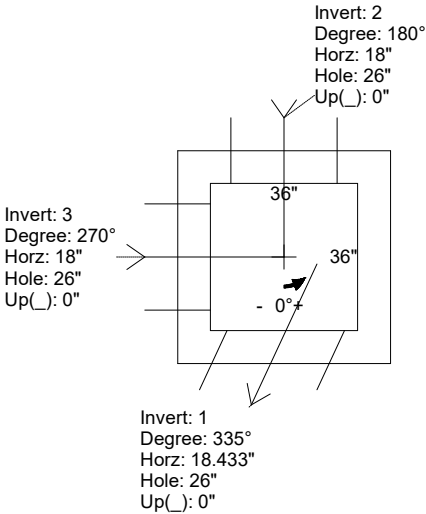
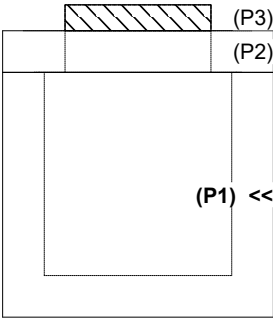
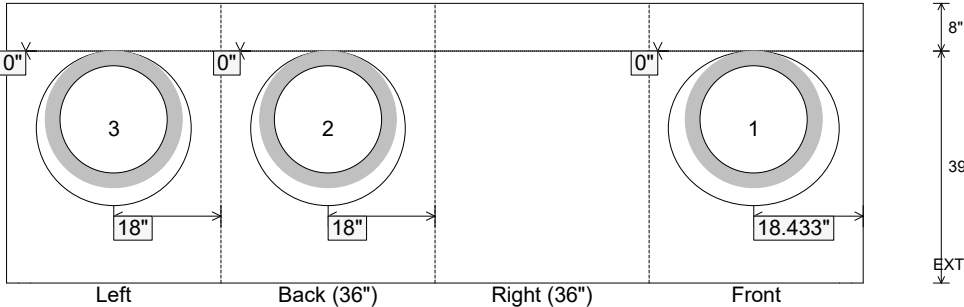
(P1) << (P2) (P3)

INSIDE WALL DIMENSIONS



(P1)

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 39" Height (Ext): 47"	Weight (Net): 5317 lb Volume (Net): 1.36cu.yd
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Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC				Plant: Beaver Dam 6/9/2026 10:36:57 AM		Tech: S. Felletter PC: Erica Bradley									
Structure ID: R8															
P1 BX3636-08BAVF				BOX BASE 8inW, 8inF, Variable Ht F/n											
P3) 28" x 28" - CASTING HEIGHT - 5" P2) 36" x 36" - BX FLAT LID 8inW w/28"x28" HOLE F/F - 8" P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39" 1) 36" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK 1) CASTING - JBS 3104-V SINGLE SET 1) 36" x 36" - SGL 1"x14.5' Butyl (2x) 3) Hole - 26"						0 lb 1289 lb 5317 lb 450 lb 250 lb 0 lb 0 lb ----- Structure Total: 7306 lb		Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (JBS-3104 SINGLE SET). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (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.							
Rim: 570.12' Rim to Invert: 4.17' Slack: 0.54" Sump: 2.5" Step Position:															
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset					
Invert 1	565.95'	335°	22.703"	18" RCP B WALL	23"	Hole 26	26"	28.688"	0"	8"					
Invert 2	565.95'	180°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"					
Invert 3	565.95'	270°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	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  <table><tr><td>Coating (Int): Coating (Ext):</td><td>Seam Up: Flat Seam Dn: n/a</td><td>Wall Thickness: 8" Floor Height: 8"</td><td>Height (Int): 39" Height (Ext): 47"</td><td>Weight (Net): 5317 lb Volume (Net): 1.36cu.yd</td></tr></table>											Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 39" Height (Ext): 47"	Weight (Net): 5317 lb Volume (Net): 1.36cu.yd
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 39" Height (Ext): 47"	Weight (Net): 5317 lb Volume (Net): 1.36cu.yd											

Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:36:51 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R3

P1 BX28280606VH

BOX BASE 6inW, 6inF, Variable Ht F/n

P2) 28" x 28" - CASTING HEIGHT - 5"

P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 47"

1) 28" x 28" - STORM INVERT CHANNEL (FLAT) - 4" THK

1) CASTING - JBS 3104-V SINGLE SET

1) 28" x 28" - Conseal CS-102 1.00"

2) Hole - 26

0 lb

3489 lb

450 lb

250 lb

0 lb

0 lb

0 lb

Structure Total: 4189 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

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

3. CASTING BY ICAST (JBS-3104 SINGLE SET).

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: 574.02'

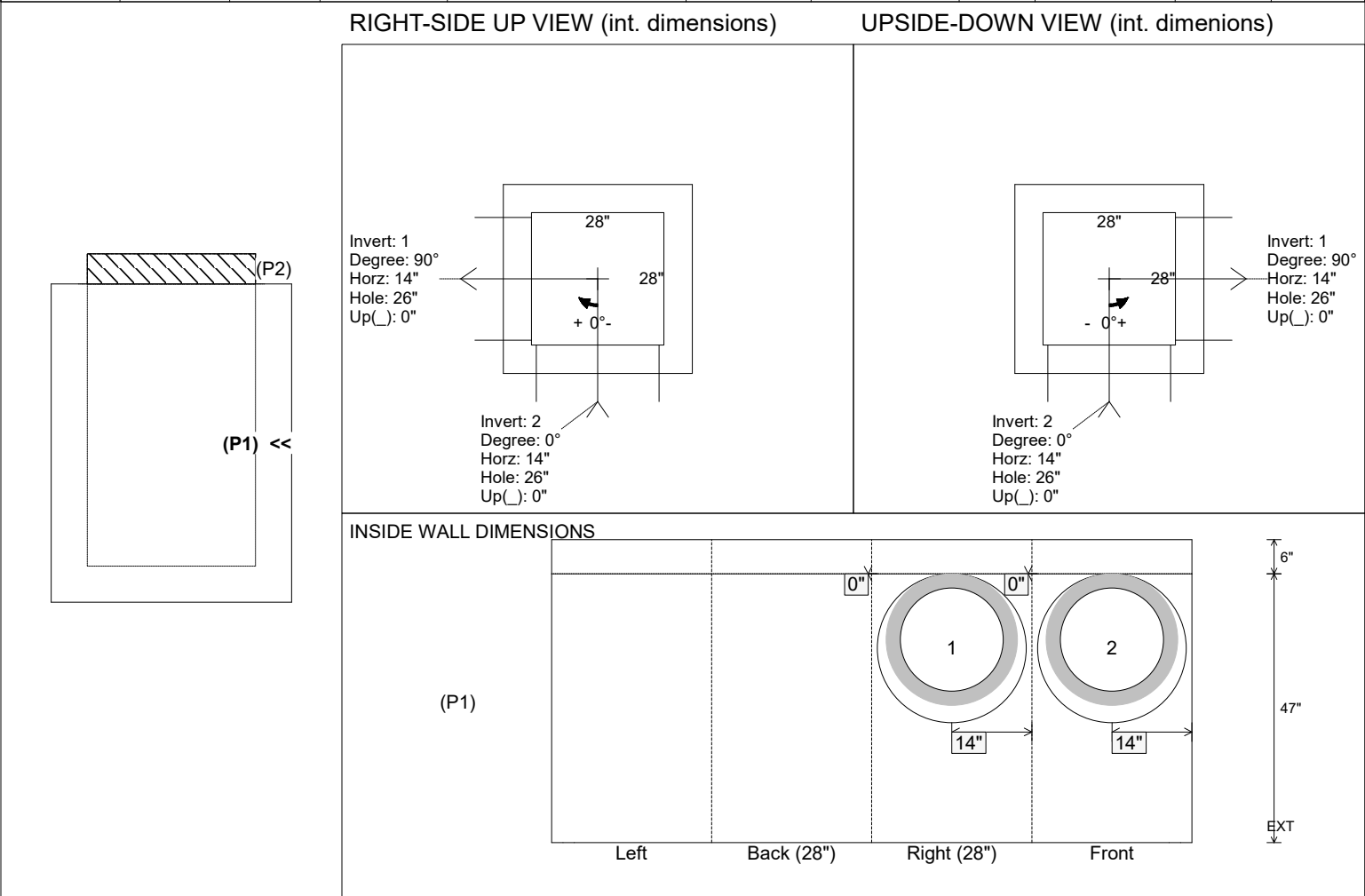
Rim to Invert: 4.15'

Slack: 0.3"

Sump: 2.5"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	569.87'	90°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2	569.87'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 47"

Height (Ext): 53"

Weight (Net): 3489 lb

Volume (Net): 0.89cu.yd

Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:36:51 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R3

P1 BX28280606VH

BOX BASE 6inW, 6inF, Variable Ht F/n

P2) 28" x 28" - CASTING HEIGHT - 5"

P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 47"

1) 28" x 28" - STORM INVERT CHANNEL (FLAT) - 4" THK

1) CASTING - JBS 3104-V SINGLE SET

1) 28" x 28" - Conseal CS-102 1.00"

2) Hole - 26

0 lb

3489 lb

450 lb

250 lb

0 lb

0 lb

0 lb

Structure Total: 4189 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

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

3. CASTING BY ICAST (JBS-3104 SINGLE SET).

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.

Invert channel drawing

4" Thick flat storm invert

Rim: 574.02'

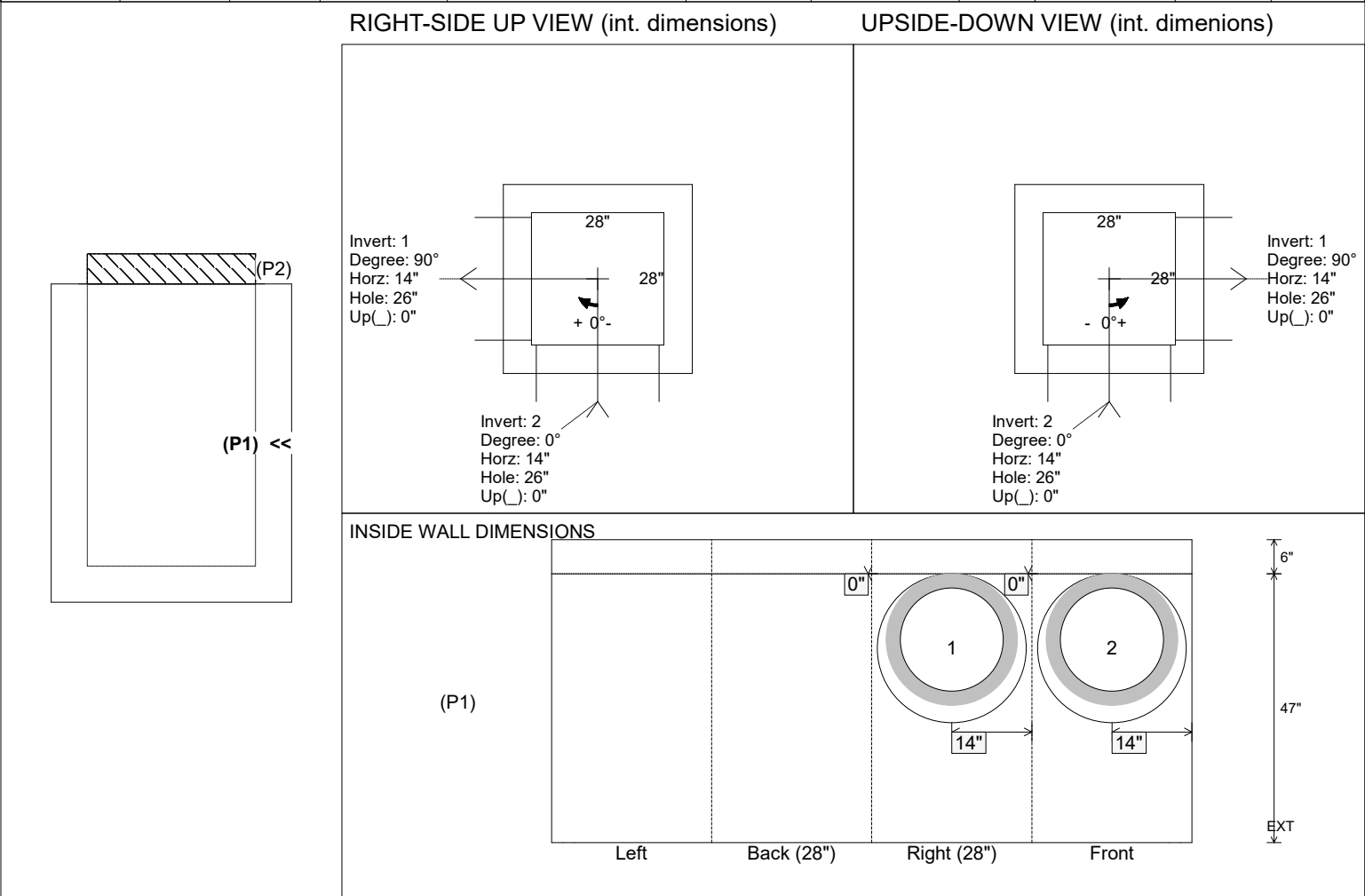
Rim to Invert: 4.15'

Slack: 0.3"

Sump: 2.5"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	569.87'	90°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2	569.87'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 47"

Height (Ext): 53"

Weight (Net): 3489 lb

Volume (Net): 0.89cu.yd



1. MANUFACTURED PER ASTM C-913 LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT: #4 BAR @ 6" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. WEIGHT: 3,200 LBS
5. 3/4" HDPE WEIR, 3/4" HDPE BAFFLE, & STAINLESS STEEL HOODED SCREEN SUPPLIED BY OTHERS
6. SPECIAL PRE-ASSEMBLY OF INTERNALS BY ICAST

		PRODUCTION WORK ORDER		PRODUCT I.D.: BX3030-06VH		DESCRIPTION: 30" X 30" X 38" BASE, 6" WALLS & 6" FLOOR					
		QUALITY CONTROL CHECKLIST		PRODUCT VIEW: UPSIDE DOWN		CUSTOMER: CONVERGENT WATER TECHNOLOGIES					
		☐ ALL DIMENSIONS CORRECT.		PLANT: BEAVER DAM, KY		PROJECT: 2787 CONVERGENT PRETX CURB INLET					
		☐ LIFTERS INSTALLED.		WEIGHT: 3,200 LBS		STRUCTURE: QL2					
		☐ HOLE LOCATION(S) CORRECT.		TOP SECTION JOINT: N / A		ORDER NO: 26-2700					
		☐ REINFORCING & SPACING CORRECT.		BASE SECTION JOINT: FLAT		PE: J.H. ROSS		DRAWING: K. CARDWELL			
		☐ SURFACE QUALITY ACCEPTABLE.		QC CHECK INITIALS:		DATE: 06/21/26		SCALE: NTS		PG. 1 OF 1	
		☐ EDGES CHAMFERED.									
☐ ALL PATCHWORK ACCEPTABLE.											

Job Number:

26-2700

Job Name:

2787 Convergent Pretx Curb Inlet

Structure:

QL2

Note:

Special Pre-Assembly of Internals To
Be Performed By iCast

Job Name: 26-1456 Double Kwik

Job Location: Whitesburg, KY

Contractor: Rising Sun Development Company

Plant: Beaver Dam

6/18/2026 3:05:41 PM

Tech: S. Felletter

PC: E. Bradley

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 88 34-8 DBI10

P1 BX24300808VF

BOX BASE 8inW, 8inF, Variable Ht F/n

P3) 16" x 28" - CASTING HEIGHT - 5"

P2) 24" x 30" - BX FLAT LID 8inW w/16"x28" HOLE F/F - 8"

P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht F/n - 27"

1) CASTING - HOE KY-550 F/G (DBI TY 10)

1) 24" x 30" - Conseal CS-102 1.00"

2) Hole - 18

0 lb

934 lb

3431 lb

550 lb

0 lb

0 lb

Structure Total: 4915 lb

Structure Notes:

1. KYTC DBI TYPE 10 / ASTM C-913 SPEC'S.

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

3. NO INVERT CHANNEL.

4. NO STEPS.

5. CASTING BY ICAST (HOE KY-550 F/G).

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (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.

Rim: 1191.7'

Rim to Invert: 3.36'

Slack: 0.32"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1188.34'	90°	23"	12" HDPE	14.5"	Hole 18	18"	18"	-3"	0"
Invert 2	1188.34'	270°	23"	12" HDPE	14.5"	Hole 18	18"	18"	-3"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

(P3)

(P2)

(P1) <<

Invert: 1

Degree: 90°

Horz: 15"

Hole: 18"

Up(): -3"

24"

30"

+ 0°-

Invert: 2

Degree: 270°

Horz: 15"

Hole: 18"

Up(): -3"

Invert: 2

Degree: 270°

Horz: 15"

Hole: 18"

Up(): -3"

24"

30"

- 0°+

Invert: 1

Degree: 90°

Horz: 15"

Hole: 18"

Up(): -3"

INSIDE WALL DIMENSIONS

(P1)

-3"

2

15"

Left

-3"

1

15"

Back (24")

-3"

1

15"

Right (30")

-3"

1

15"

Front

8"

27"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 27"

Height (Ext): 35"

Weight (Net): 3431 lb

Volume (Net): 0.88cu.yd

Job Name: 26-1456 Double Kwik

Job Location: Whitesburg, KY

Contractor: Rising Sun Development Company

Plant: Beaver Dam

6/18/2026 3:05:37 PM

Tech: S. Felletter

PC: E. Bradley



Structure ID: 85 72-4 CBIF

P1 BX2424-08BAVF

BOX BASE 8inW, 8inF, Variable Ht F/n

P2) 24" x 24" - CASTING HEIGHT - 5"

P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 46"

1) CASTING - HOE KY-465 SET (CBI TY F)

1) 24" x 24" - Conseal CS-102 1.00"

2) Hole - 24

0 lb

4571 lb

465 lb

0 lb

0 lb

Structure Total: 5036 lb

Structure Notes:

1. KYTC CBI TYPE F / ASTM C913 SPECIFICATIONS.

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

3. NO INVERT CHANNEL.

4. NO STEPS.

5. CASTING BY ICAST (HOE KY-465 SET).

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: 1190'

Rim to Invert: 4.28'

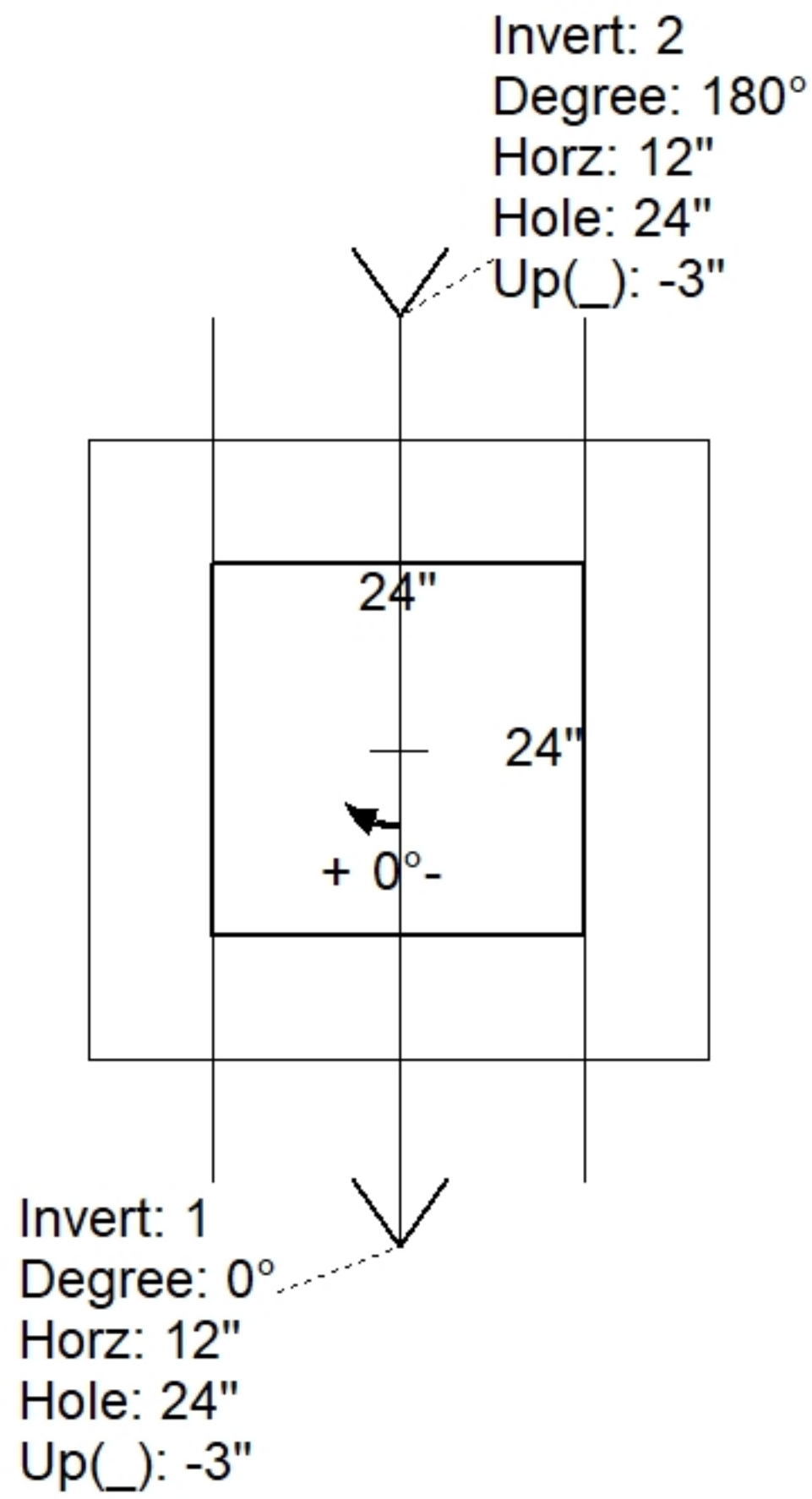
Slack: 0.36"

Sump: 0"

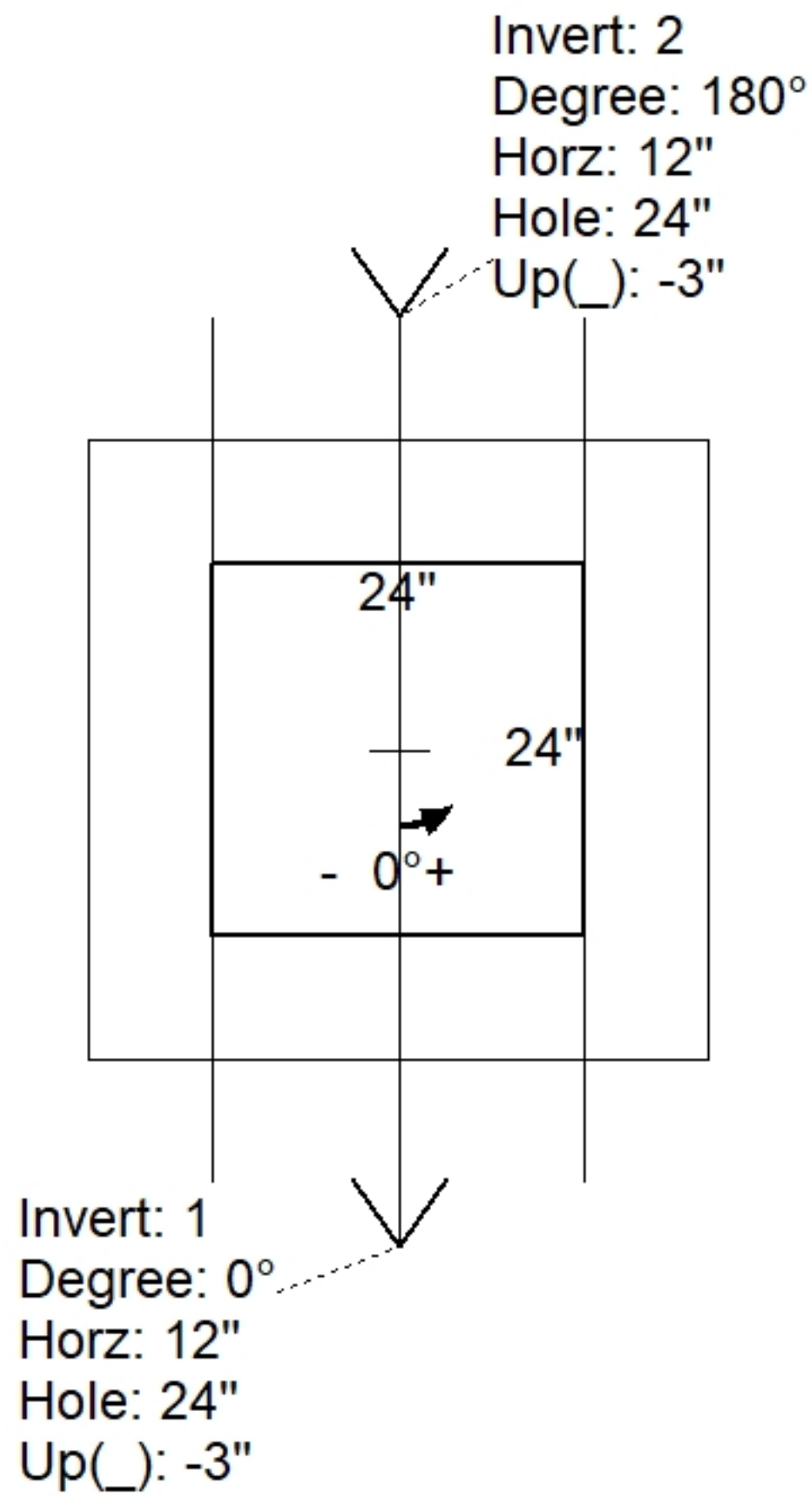
Step Position:

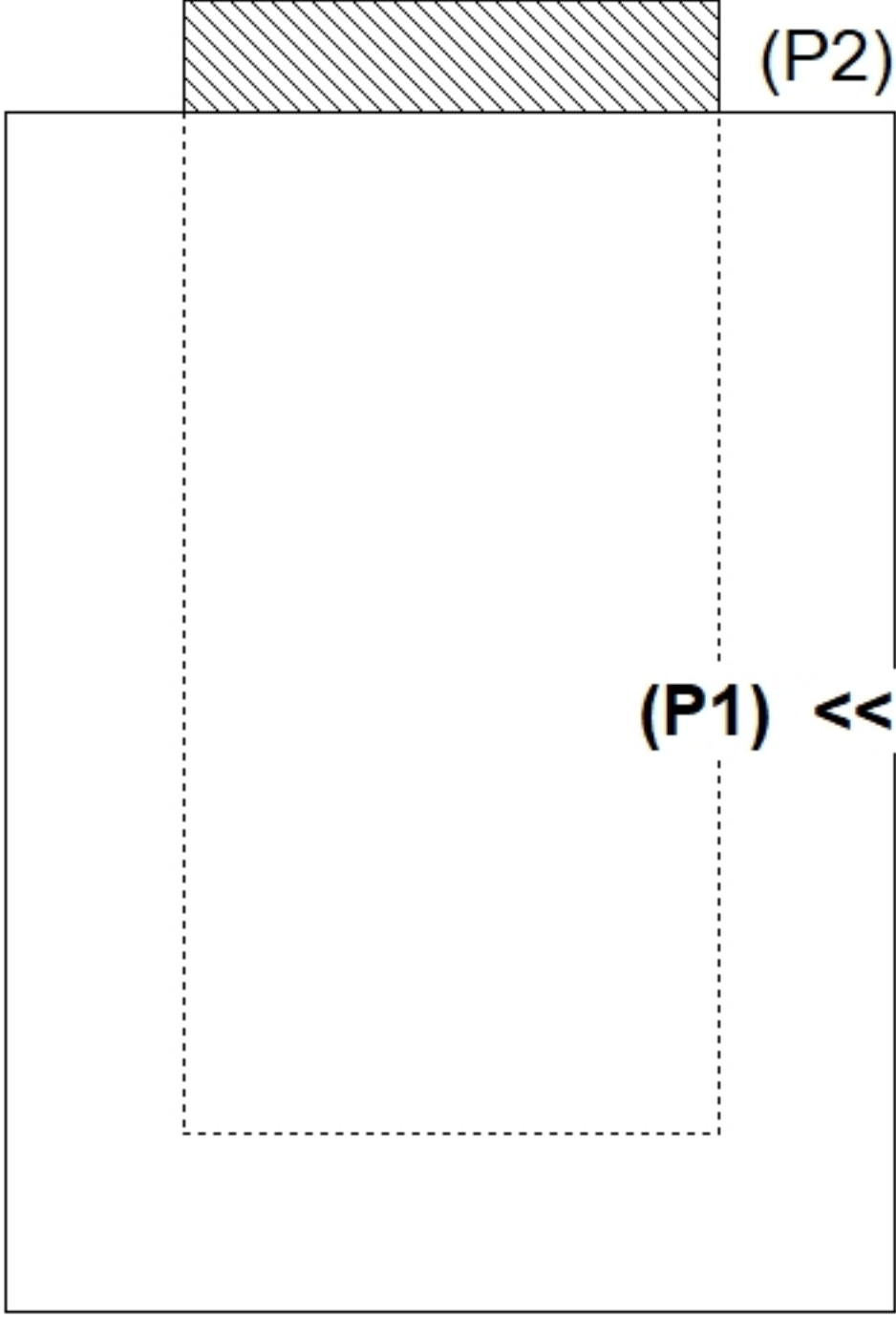
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1185.72'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-3"	0"
Invert 2	1185.72'	180°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-3"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



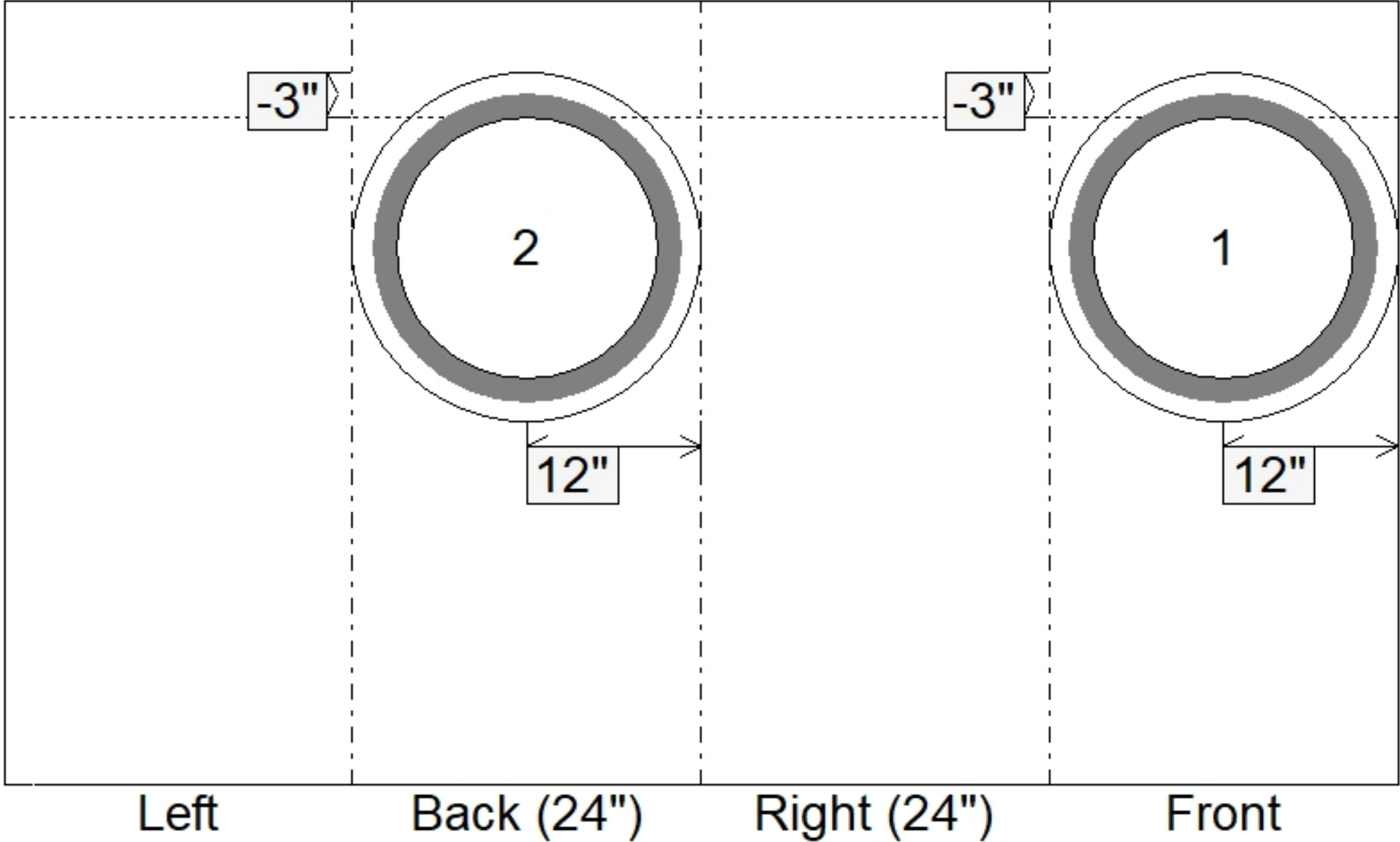
UPSIDE-DOWN VIEW (int. dimenions)





(P1) <<

INSIDE WALL DIMENSIONS



LeftBack (24")Right (24")Front

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 46"

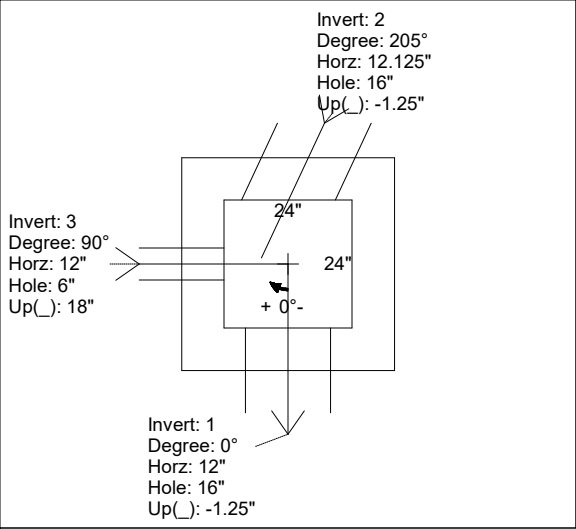
Height (Ext): 54"

Weight (Net): 4571 lb

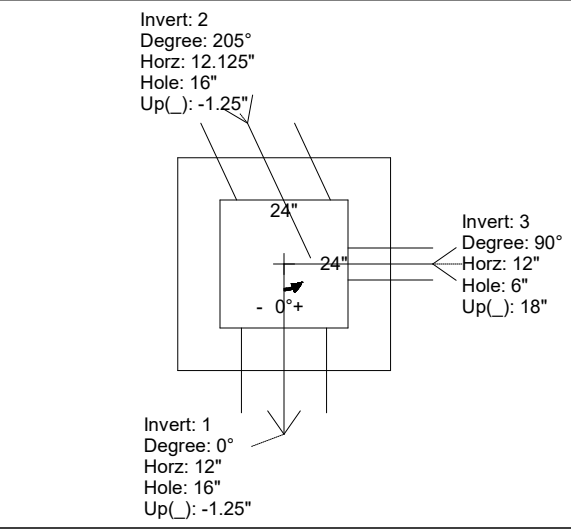
Volume (Net): 1.17cu.yd

Job Name: 26-2171 - Lake Malone Campground Multi Park West Job Location: Lewisburg, KY Contractor: Sensabaugh Design & Construction, LLC					Plant: 100 6/16/2026 4:26:50 PM		Tech: Jared - F PC: M. Sullivan				
Structure ID: CB-A3											
P1 BX2424-08BA30 BOX BASE 8inW, 8inF F/n											
P2) 24" x 24" - CASTING HEIGHT - 4" P1) 24" x 24" - BOX BASE 8inW, 8inF F/n - 30" 1) CASTING - HOE 280T F/G 1) 24" x 24" - Conseal CS-102 1.00" 2) Hole - 16 1) Hole - 6					0 lb 3349 lb 182 lb 0 lb 0 lb 0 lb ----- Structure Total: 3531 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 BY ICAST (HOE 280T F/G). REINFORCING PER ASTM A615 (GRADE 60). - WALLS (As .12) #5 BARS AT 12" C.C.E.W. - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.				
Rim: 569.3' Rim to Invert: 2.9' Slack: 0.8" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	566.4'	0°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"	
Invert 2	566.4'	205°	23.75"	12" HDPE	14.5"	Hole 16	16"	17.654"	-1.25"	-5"	
Invert 3	567.93'	90°	20"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	18"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

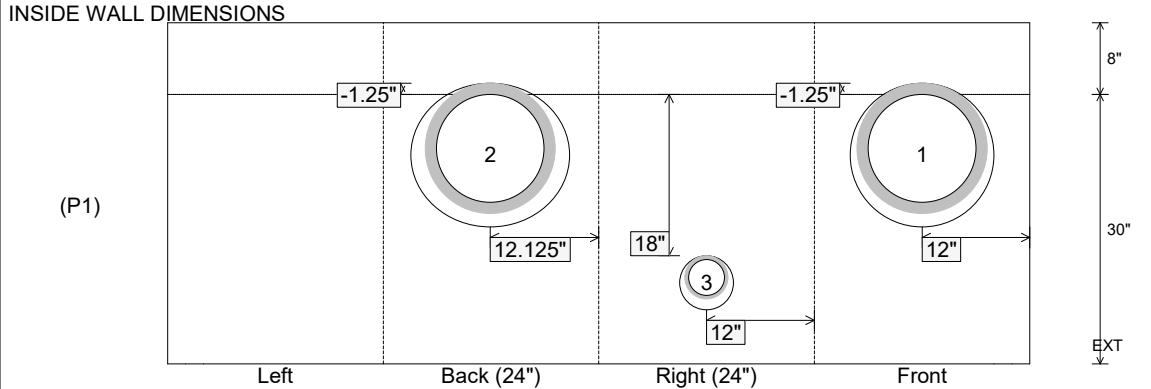
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 30" Height (Ext): 38"	Weight (Net): 3349 lb Volume (Net): 0.86cu.yd
----------------------------------	-------------------------------	--	--	--

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

Plant: Beaver Dam
6/1/2026 8:23:27 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: MD-19

P1 BX4848-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

P4) 48" x 48" - CASTING HEIGHT - 0"
P3) 48" x 48" - BOX RISER 8inW - 48"
P2) 48" x 48" - BOX RISER 8inW - 48"
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 41"
1) CASTING - JBS TYPE 39 TDOT GRATES (48" X 48")
1) Hole - 26

0 lb
7218 lb
7218 lb
8558 lb
459 lb
0 lb
Structure Total: 23453 lb

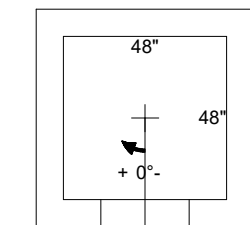
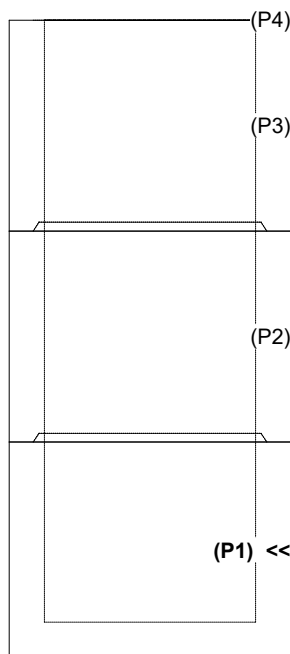
Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. JBS TDOT TYPE 39 BY ICAST
4. REINFORCING PER TDOT DRAWING D-CB-39S
ASTM A615 (GRADE 60).
5. PRODUCTION TO PLACE A 4.5" DEEP X 2" WIDE
RECESS IN THE TOP INSIDE OF THE 0 DEGREE
AND THE 180 DEGREE WALL OF THE TOP RISER.

Rim: 773.95' Rim to Invert: 11.21' Slack: 0.02" Sump: 2.5" Step Position:

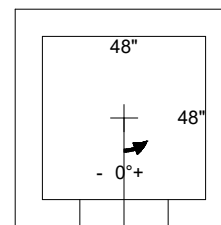
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	762.74'	0°	32"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



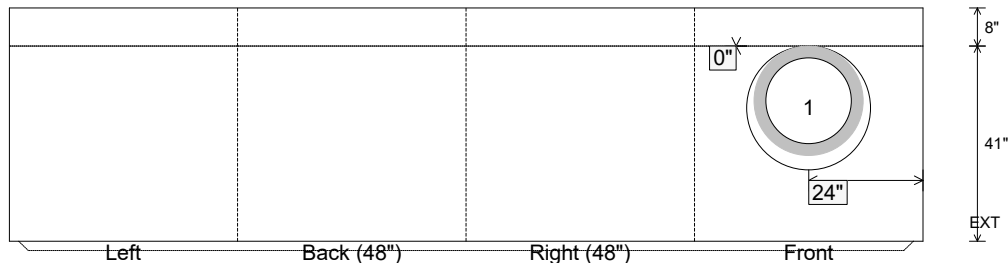
Invert: 1
Degree: 0°
Horz: 24"
Hole: 26"
Up(_): 0"



Invert: 1
Degree: 0°
Horz: 24"
Hole: 26"
Up(_): 0"

INSIDE WALL DIMENSIONS

(P1)



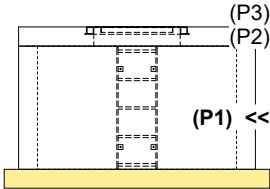
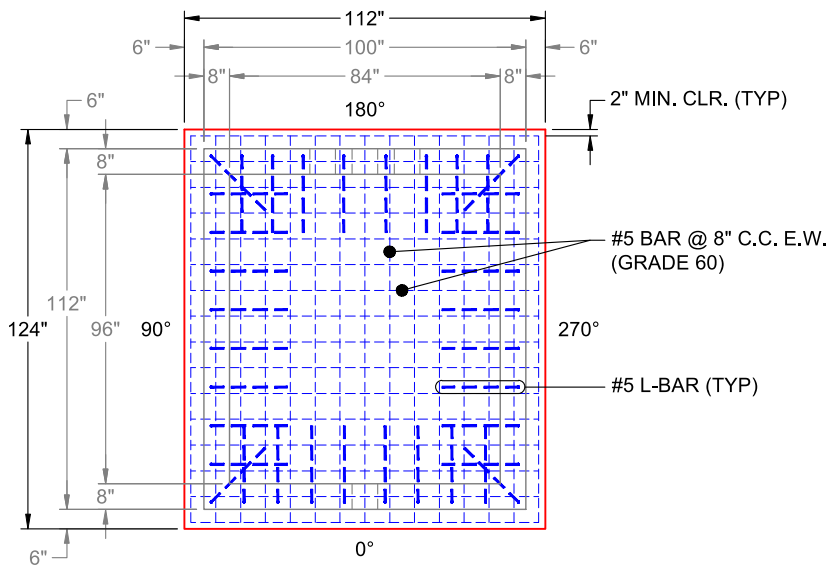
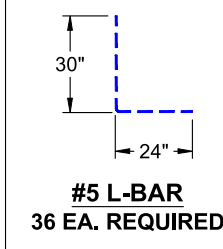
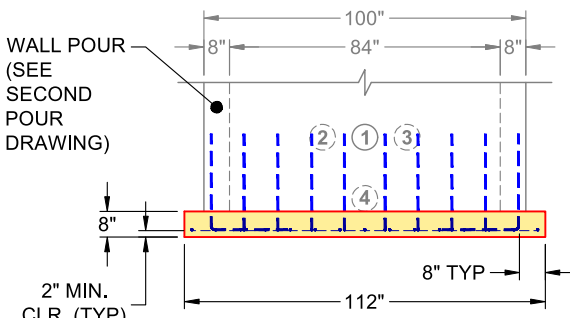
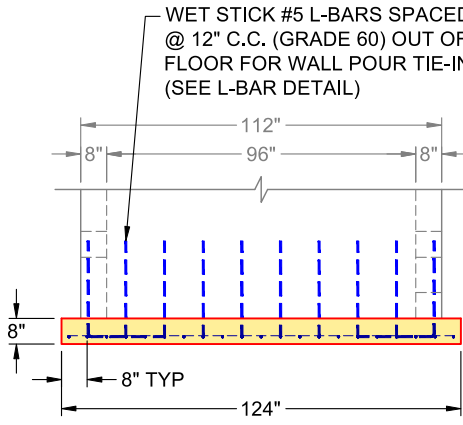
Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 41"
Height (Ext): 49"

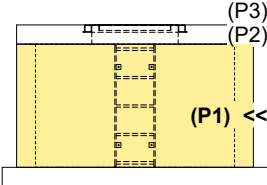
Weight (Net): 8558 lb
Volume (Net): 2.19cu.yd

Job Name: 26-1038 - Perryville & Junction City WW Improvements					Plant: 100		Tech: Jared - A													
Job Location: Danville, KY					5/6/2026 4:05:51 PM		PC: E. Bradley													
Contractor: Connhurst, LLC																				
Structure ID: 61038 (5)																				
P1 BX8496-08BAVF-EB			BX BASE w/FLANGE 08W/08F/06EF F/n																	
P3) 36" x 36" - HATCH (CAST FLUSH) - 0"					0 lb		Structure Notes: 1. PER ASTM C-913 SPECIFICATIONS 2. CONCRETE: 5,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. SPECIAL INTERNAL COATING REQUIRED - CARBOLINE 300M 5. WET STICK 24" X 30" #5 L-BARS SPACED @ 12" C.C. (GRADE 60) OUT OF FLOOR FOR WALL POUR TIE-IN (SEE L-BAR DETAIL)													
P2) 84" x 96" - BX FLAT LID 8"W w/36"x36" HATCH F/F - 8"					6695 lb															
P1) 84" x 96" - BX BASE w/FLANGE 08W/08F/06EF F/n - 52"					22872 lb															
1) This Structure Includes a Cast-in Item - 36" x 36" Hatch (Supplied by Others)					0 lb															
1) SPECIAL Internal Coating - Carboline 300M					0 lb															
1) SECONDARY POUR					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) LADDER (Alum.) - HALLIDAY L1B 48in Wall Mount Ladder					50 lb															
1) LADDER (Alum.) - HALLIDAY L1EAA Ladder Extension Safety Post					65 lb															
1) 84" x 96" - Conseal CS-102 1.00" (Double)					0 lb															
4) Hole - 8					0 lb															
250.01 SqFt Carboline Bitumastic 300M [INT]					0 lb															
Structure Total:					29682 lb															
Rim: 963.5' Rim to Invert: 4.83' Slack: 0" Sump: 2" Step Position:																				
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset										
Invert 1	960.25'	0°	50"	4" DI	4.75"	Hole 8	8"	8"	19"	0"										
Invert 2	960.25'	180°	36.875"	4" DI	4.75"	Hole 8	8"	8"	19"	-13.125"										
Invert 3	960.25'	180°	63.125"	4" DI	4.75"	Hole 8	8"	8"	19"	13.125"										
Invert 4	958.67'	180°	50"	4" DI	4.75"	Hole 8	8"	8"	0"	0"										
Invert 5																				
FIRST POUR (FLOOR): 9,323 LBS SECOND POUR (WALLS): 13,549 LBS      <table><tr><td>Coating (Int): Carboline Bitumastic 300M</td><td>Seam Up: Flat</td><td>Wall Thickness: 8"</td><td>Height (Int): 52"</td><td>Weight (Net): 22872 lb</td></tr><tr><td>Coating (Ext):</td><td>Seam Dn: n/a</td><td>Floor Height: 8"</td><td>Height (Ext): 60"</td><td>Volume (Net): 5.84cu.yd</td></tr></table>											Coating (Int): Carboline Bitumastic 300M	Seam Up: Flat	Wall Thickness: 8"	Height (Int): 52"	Weight (Net): 22872 lb	Coating (Ext):	Seam Dn: n/a	Floor Height: 8"	Height (Ext): 60"	Volume (Net): 5.84cu.yd
Coating (Int): Carboline Bitumastic 300M	Seam Up: Flat	Wall Thickness: 8"	Height (Int): 52"	Weight (Net): 22872 lb																
Coating (Ext):	Seam Dn: n/a	Floor Height: 8"	Height (Ext): 60"	Volume (Net): 5.84cu.yd																

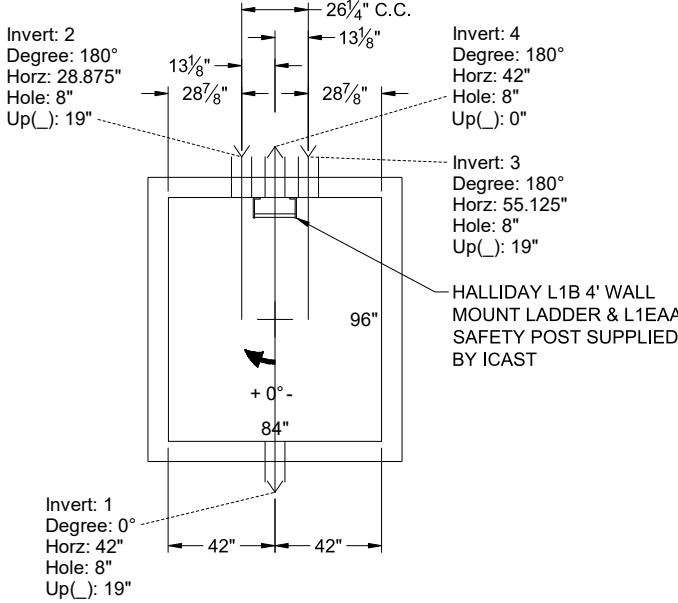
Job Name: 26-1038 - Perryville & Junction City WW Improvements Job Location: Danville, KY Contractor: Connhurst, LLC					Plant: 100 5/6/2026 4:05:51 PM		Tech: Jared - A PC: E. Bradley				
Structure ID: 61038 (5)											
P1 BX8496-08BAVF-EB			BX BASE w/FLANGE 08W/08F/06EF F/n								
P3) 36" x 36" - HATCH (CAST FLUSH) - 0" P2) 84" x 96" - BX FLAT LID 8"W w/36"x36" HATCH F/F - 8" P1) 84" x 96" - BX BASE w/FLANGE 08W/08F/06EF F/n - 52" 1) This Structure Includes a Cast-in Item - 36" x 36" Hatch (Supplied by Others) 1) SPECIAL Internal Coating - Carboline 300M 1) SECONDARY POUR 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) LADDER (Alum.) - HALLIDAY L1B 48in Wall Mount Ladder 1) LADDER (Alum.) - HALLIDAY L1EAA Ladder Extension Safety Post 1) 84" x 96" - Conseal CS-102 1.00" (Double) 4) Hole - 8 250.01 SqFt) Carboline Bitumastic 300M [INT]					0 lb 6695 lb 22872 lb 0 lb 0 lb 0 lb 0 lb 0 lb 50 lb 65 lb 0 lb 0 lb 0 lb Structure Total: 29682 lb		Structure Notes: 1. PER ASTM C-913 SPECIFICATIONS 2. CONCRETE: 5,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. FLOOR GROUTING TO DRAIN PIPE BY OTHERS 5. HALLIDAY L1B 4' WALL MOUNT LADDER & L1EAA SAFETY POST SUPPLIED BY ICAST 6. SPECIAL INTERNAL COATING REQUIRED - CARBOLINE 300M 7. LIFTERS: 4 EA. 6CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED IN 90° & 270° WALLS, 12" FROM TOP OF WALLS				
Rim: 963.5' Rim to Invert: 4.83' Slack: 0" Sump: 2" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	960.25'	0°	50"	4" DI	4.75"	Hole 8	8"	8"	19"	0"	
Invert 2	960.25'	180°	36.875"	4" DI	4.75"	Hole 8	8"	8"	19"	-13.125"	
Invert 3	960.25'	180°	63.125"	4" DI	4.75"	Hole 8	8"	8"	19"	13.125"	
Invert 4	958.67'	180°	50"	4" DI	4.75"	Hole 8	8"	8"	0"	0"	
Invert 5											

FIRST POUR (FLOOR):
9,323 LBS

SECOND POUR (WALLS):
13,549 LBS



RIGHT-SIDE UP VIEW (int. dimensions)



INVERT 1
Degree: 0°
Horz: 42"
Hole: 8"
Up(): 19"

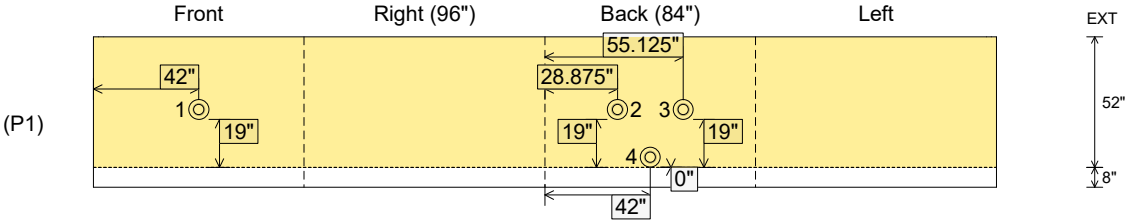
INVERT 2
Degree: 180°
Horz: 28.875"
Hole: 8"
Up(): 19"

INVERT 3
Degree: 180°
Horz: 55.125"
Hole: 8"
Up(): 19"

INVERT 4
Degree: 180°
Horz: 42"
Hole: 8"
Up(): 0"

HALLIDAY L1B 4' WALL MOUNT LADDER & L1EAA SAFETY POST SUPPLIED BY ICAST

INSIDE WALL DIMENSIONS



Front Right (96") Back (84") Left

EXT 52" 8"

Coating (Int): Carboline Bitumastic 300M Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 52" Height (Ext): 60"	Weight (Net): 22872 lb Volume (Net): 5.84cu.yd
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Job Number:

26-1038

Job Name:

Perryville & Junction City WW
Improvements

Structure:

61038 (5)

Note:

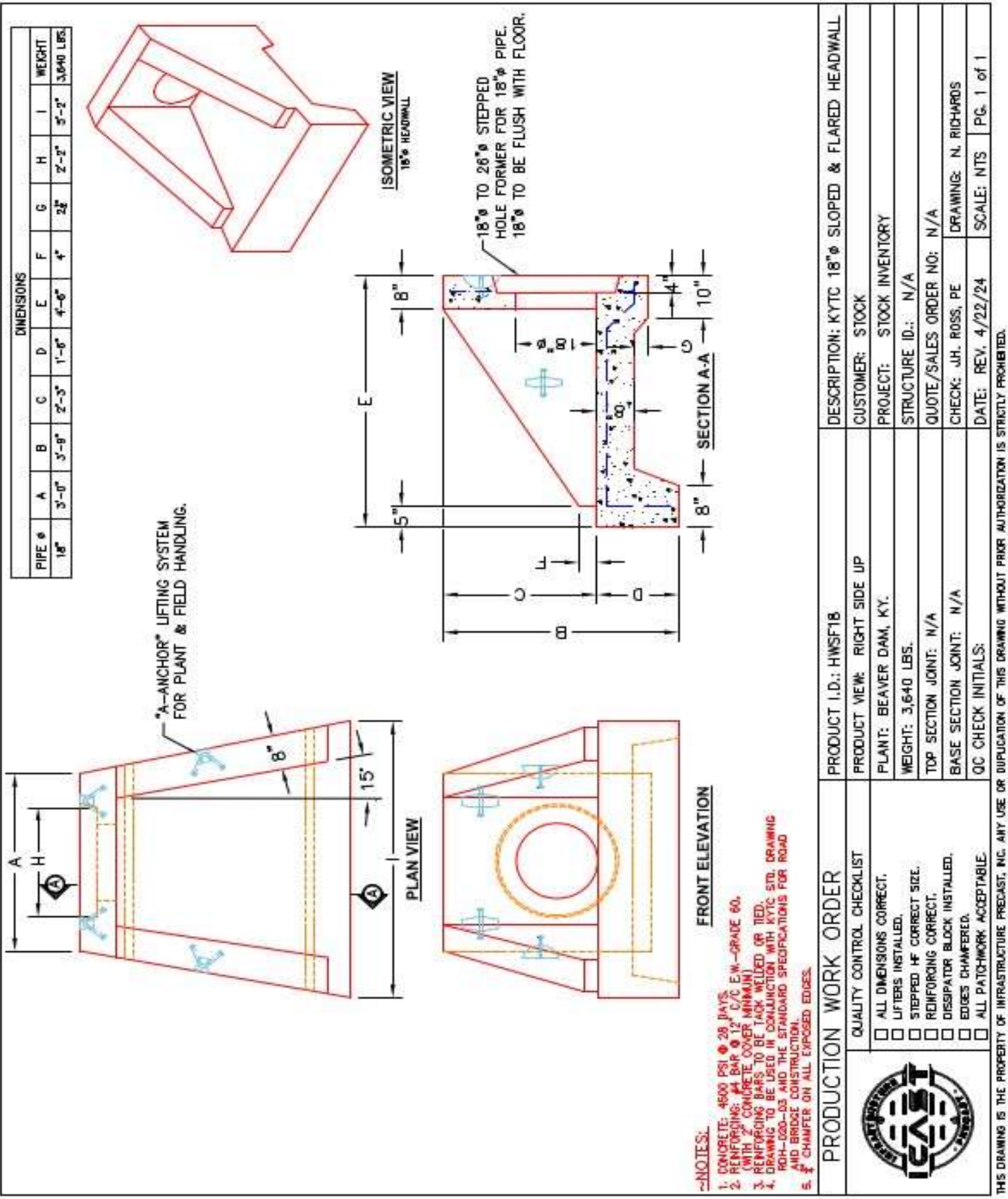
This Structure Is To Receive An
Internal Coating of Carboline 300M
(Supplied By iCast)



Structure ID: 16 HW

P1 HWSF18

18" - SLOPED & FLARED HEADWALL F/F



Job Name: 26-1456 Double Kwik
Job Location: Whitesburg, KY
Contractor: Rising Sun Development Company

Plant: Beaver Dam
6/18/2026 3:06:08 PM

Tech: S. Felletter
PC: E. Bradley

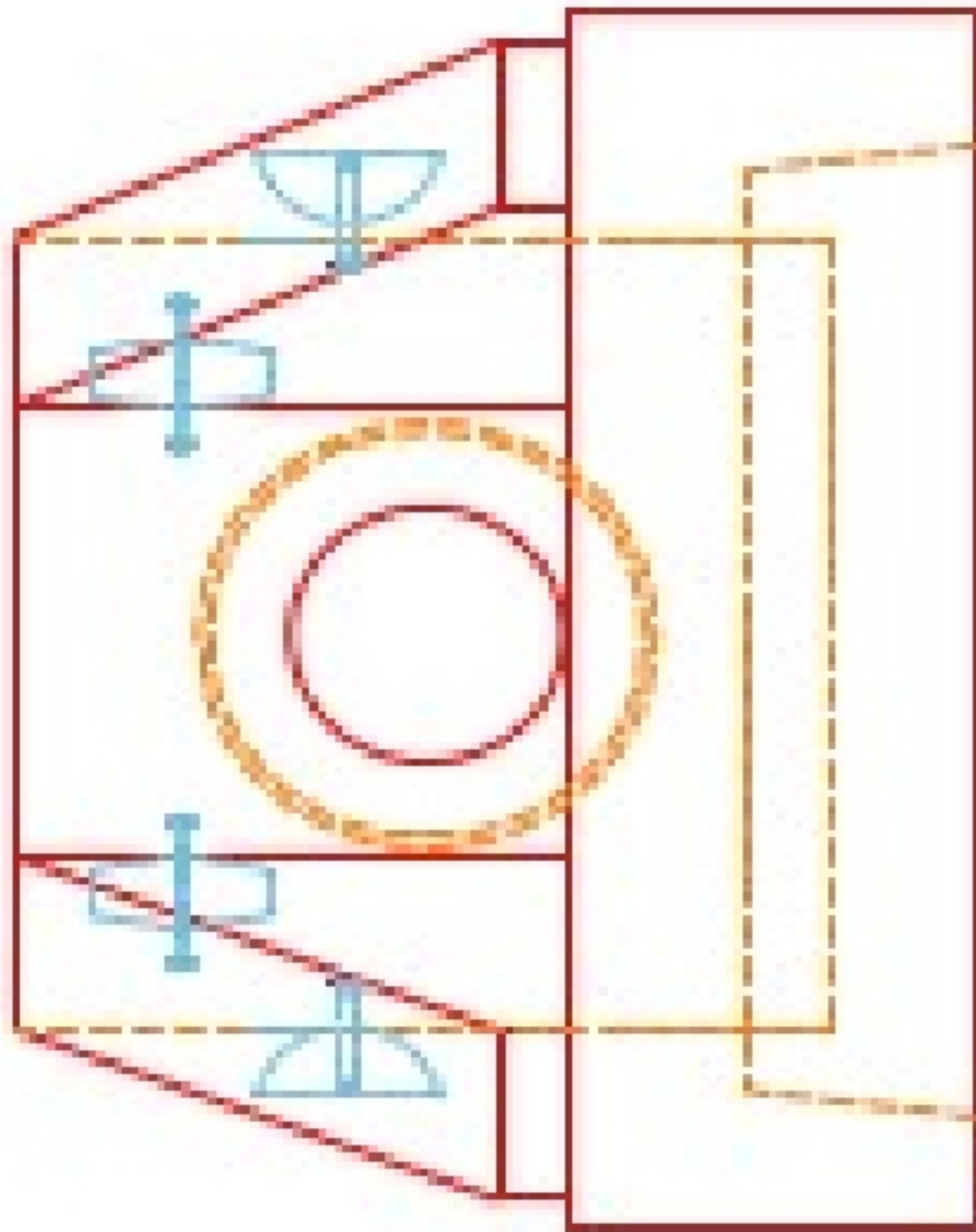
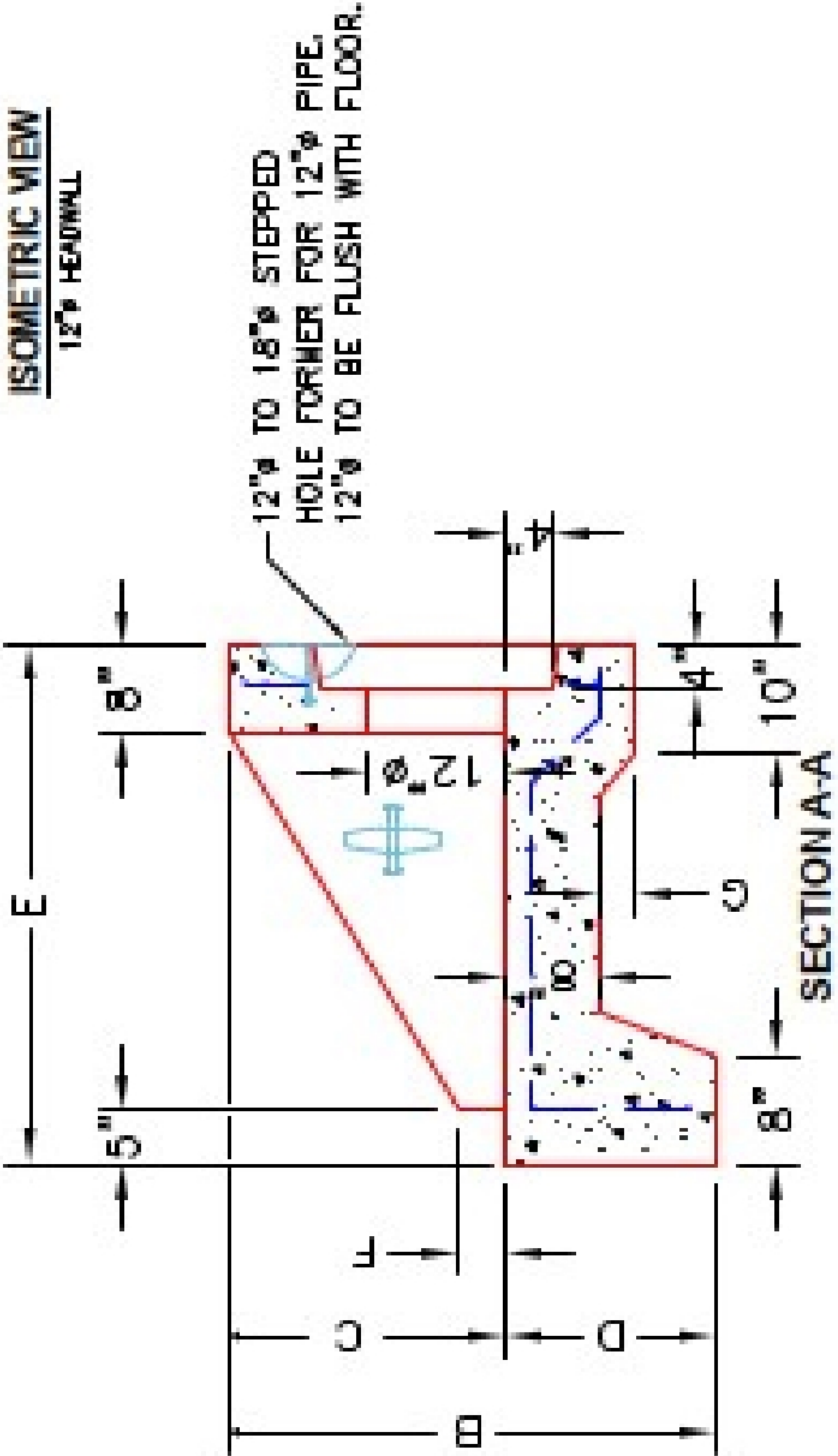
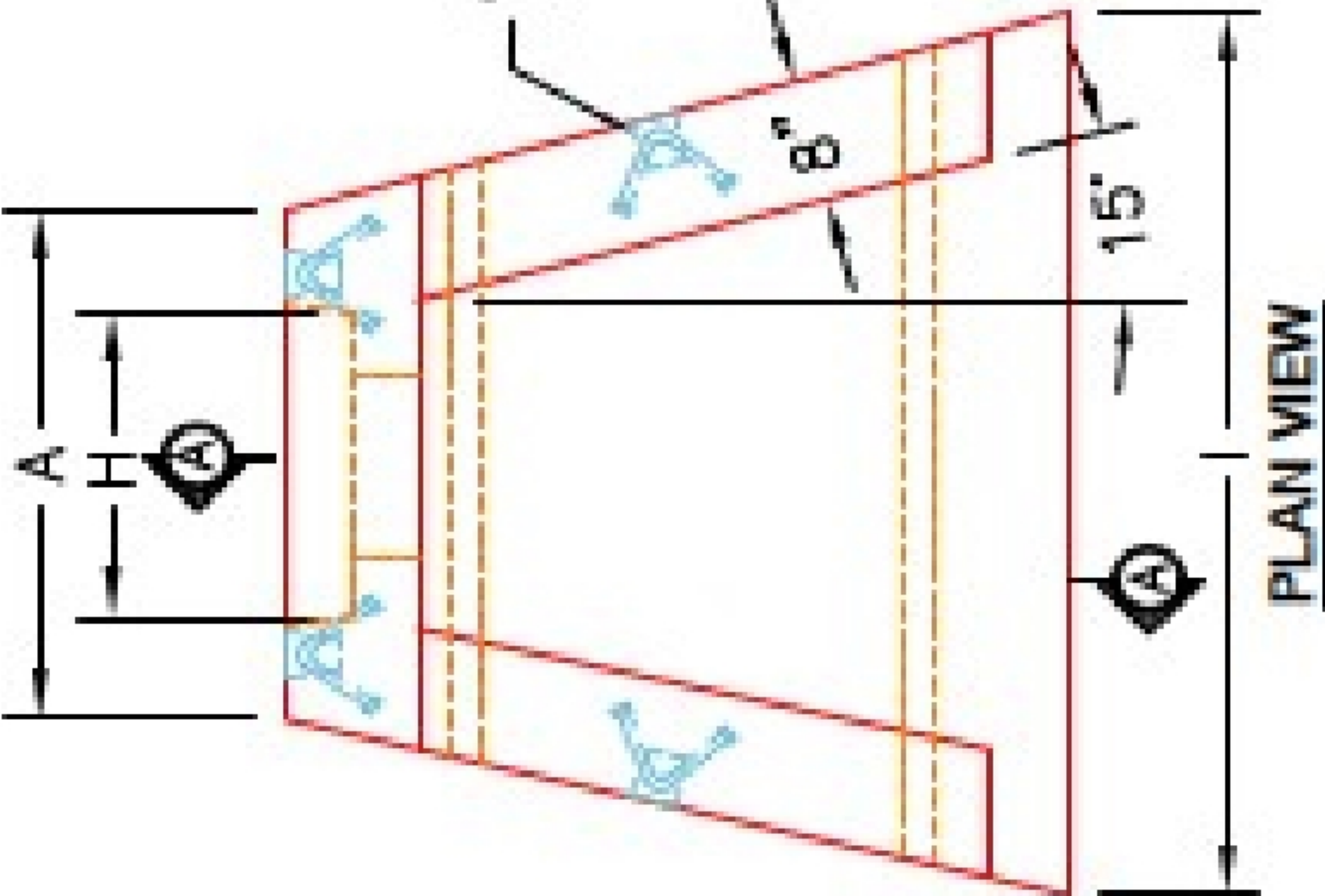


Structure ID: 2 HW (2)

12" - SLOPED & FLARED HEADWALL F/F

DIMENSIONS							
PPE Ø	A	B	C	D	E	F	G
12"	2'-0"	3'-6"	2'-0"	1'-0"	4'-0"	3"	2'
	H	I					
	1'-8"	4'-0"					
							3,161 LBS.

"A-ANCHOR" LIFTING SYSTEM
FOR PLANT & FIELD HANDLING.



FRONT ELEVATION

- NOTES:
1. CONCRETE: 4500 PS @ 28 DAYS.
 2. REINFORCING: #4 BAR @ 12" C/C E/W - GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
 3. REINFORCING BARS TO BE TACK WELDED OR TIED.
 4. DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWING RDH-020-03 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 5. # CHAMFER ON ALL EXPOSED EDGES.

PRODUCTION WORK ORDER

- QUALITY CONTROL CHECKLIST
- ☐ ALL DIMENSIONS CORRECT.
 - ☐ LIFTERS INSTALLED.
 - ☐ STEPPED IF CORRECT SIZE.
 - ☐ REINFORCING CORRECT.
 - ☐ DISSIPATOR BLOCK INSTALLED.
 - ☐ EDGES CHAMFERED.
 - ☐ ALL PATCHWORK ACCEPTABLE.



PRODUCT I.D.: HWSF12	DESCRIPTION: KYTC 12" SLOPED & FLARED HEADWALL
PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: STOCK
PLANT: BEAVER DAM, KY.	PROJECT: STOCK INVENTORY
WEIGHT: 3,161 LBS.	STRUCTURE D.: N/A
TOP SECTION JOINT: N/A	QUOTE/SALES ORDER NO: N/A
BASE SECTION JOINT: N/A	CHECK: JH. ROSS, PE
QC CHECK INITIALS:	DRAWING: N. RICHARDS
	DATE: 08/15/22
	SCALE: NTS
	PG. 1 of 1

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P1 HWKYTC-STD24

24" - STRAIGHT HEADWALL F/F

ISOMETRIC VIEW

1. CONCRETE: KYTC APPROVED.
2. REINFORCING: #5 BAR @ 12" C/C E.W. - GRADE 60,
(WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.
4. PIPE AND LIFTING ANCHOR POCKETS TO BE GROUTED
WITH KYTC APPROVED NON-SHRINK GROUT.
5. DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWING
RDH-005-02 AND THE STANDARD SPECIFICATIONS FOR ROAD
AND BRIDGE CONSTRUCTION.
6. $\frac{3}{8}$ " CHAMFER ON ALL EXPOSED EDGES.
7. PREFORMED STEPPED HOLE SIZED AS PER O.D. OF PIPE + 3"-4".

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FRONT ELEVATION

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

Plant: Beaver Dam
6/1/2026 12:50:58 PM

Tech: J. Coppage
PC: C. Goff



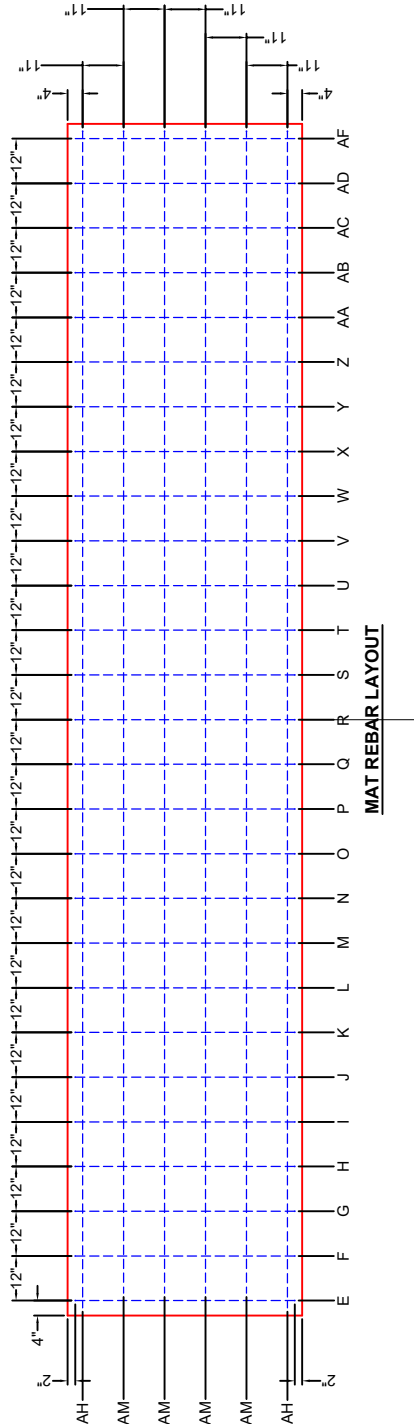
Structure ID: EW-11 465+50.00

P1 HWTDOT6-1TU42

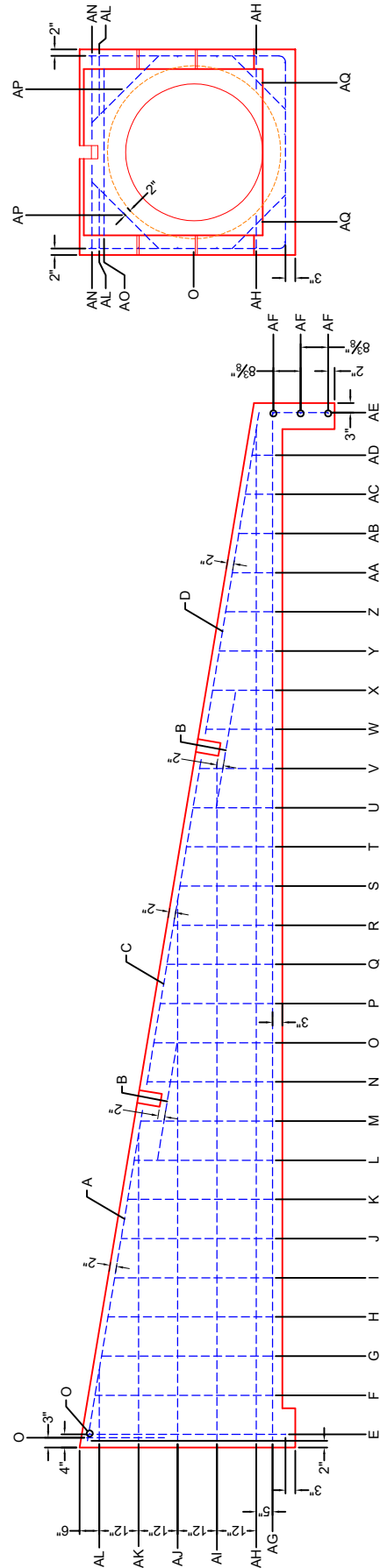
42" - HW TDOT 6:1 Type U Cross Drain Endwall

GENERAL NOTES:

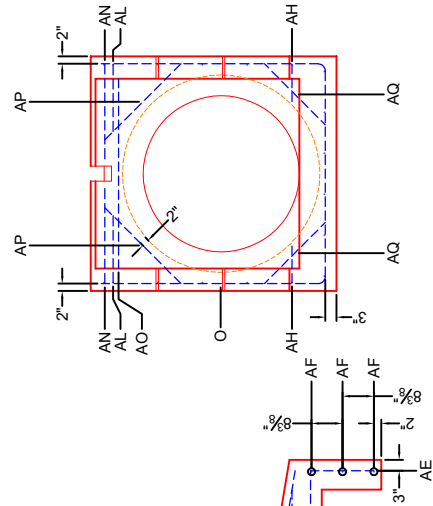
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. WEIGHT: 22,500 LBS EACH
4. REINFORCEMENT: PER ASTM A615 (GRADE 60) TO FOLLOW TDOT DWGS D-PE-42A & D-PE-42B



MAT REBAR LAYOUT



SIDE WALL REBAR LAYOUT



BACK WALL REBAR LAYOUT

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

Plant: Beaver Dam
6/1/2026 12:50:58 PM

Tech: J. Coppage
PC: C. Goff

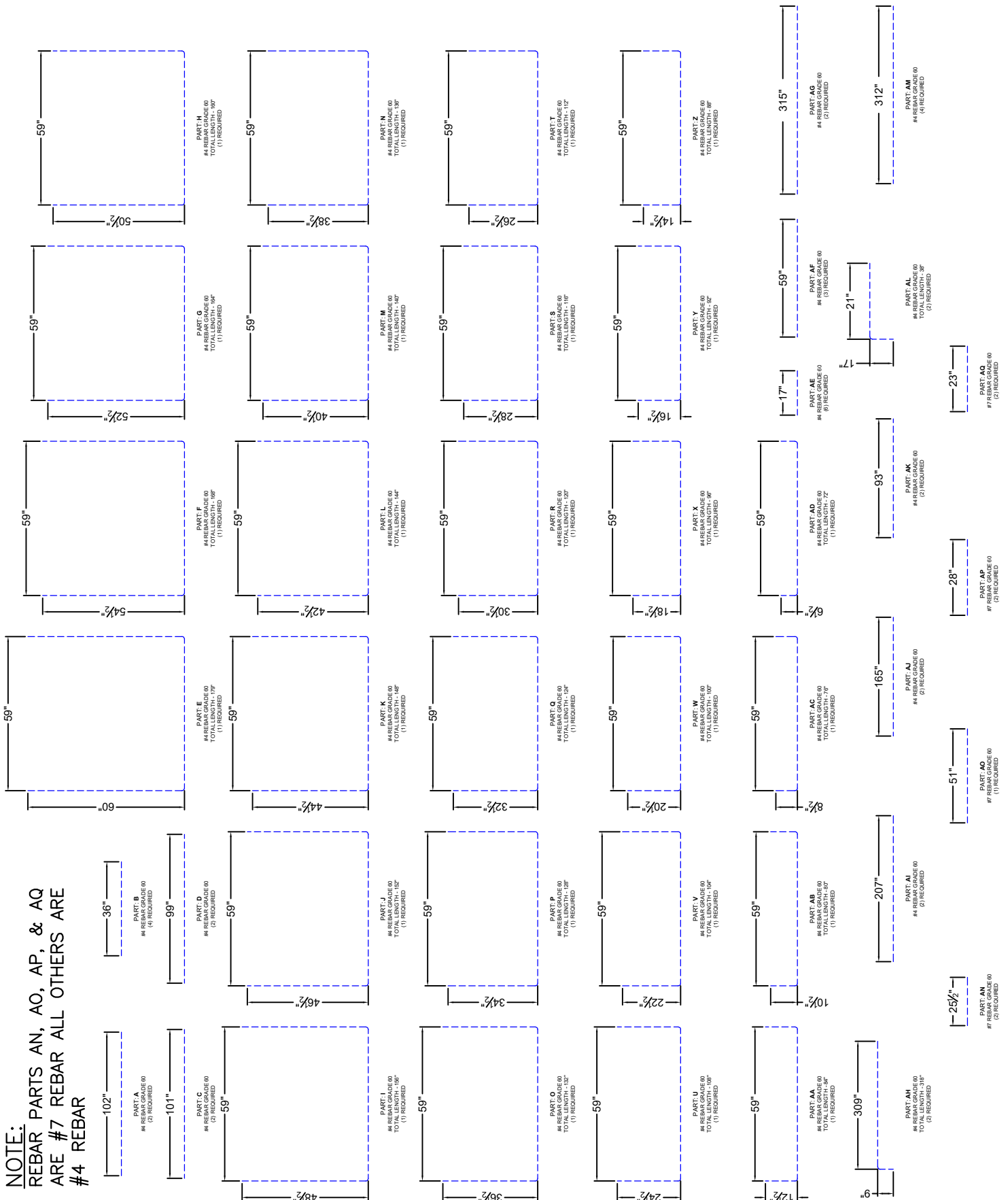


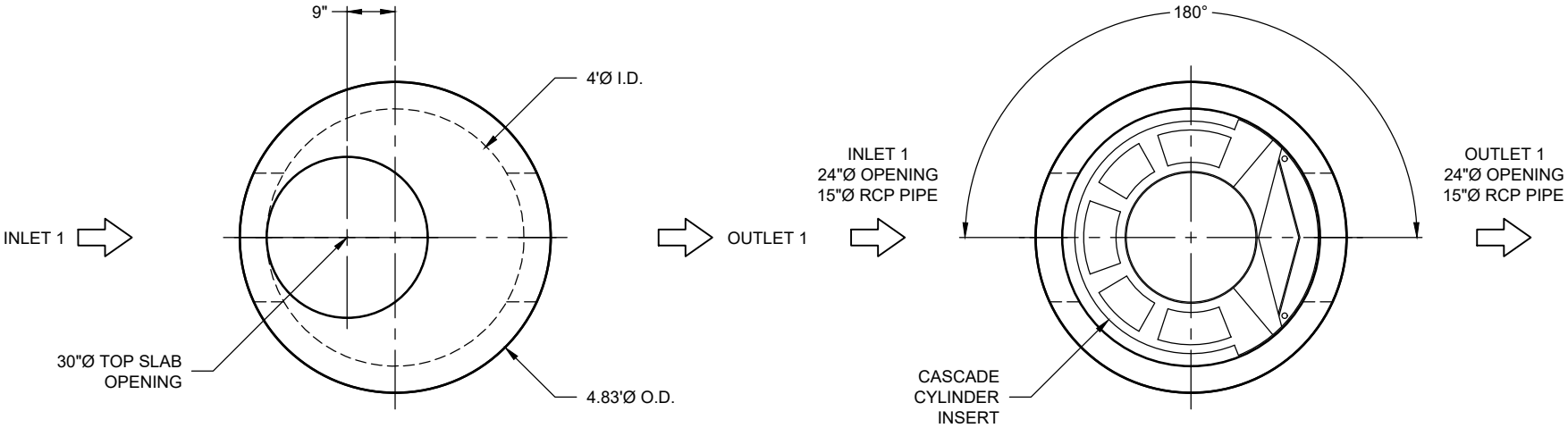
Structure ID: EW-11 465+50.00

P1 HWTDOT6-1TU42

42" - HW TDOT 6:1 Type U Cross Drain Endwall

NOTE:
REBAR PARTS AN, AO, AP, & AQ
ARE #7 REBAR ALL OTHERS ARE
#4 REBAR

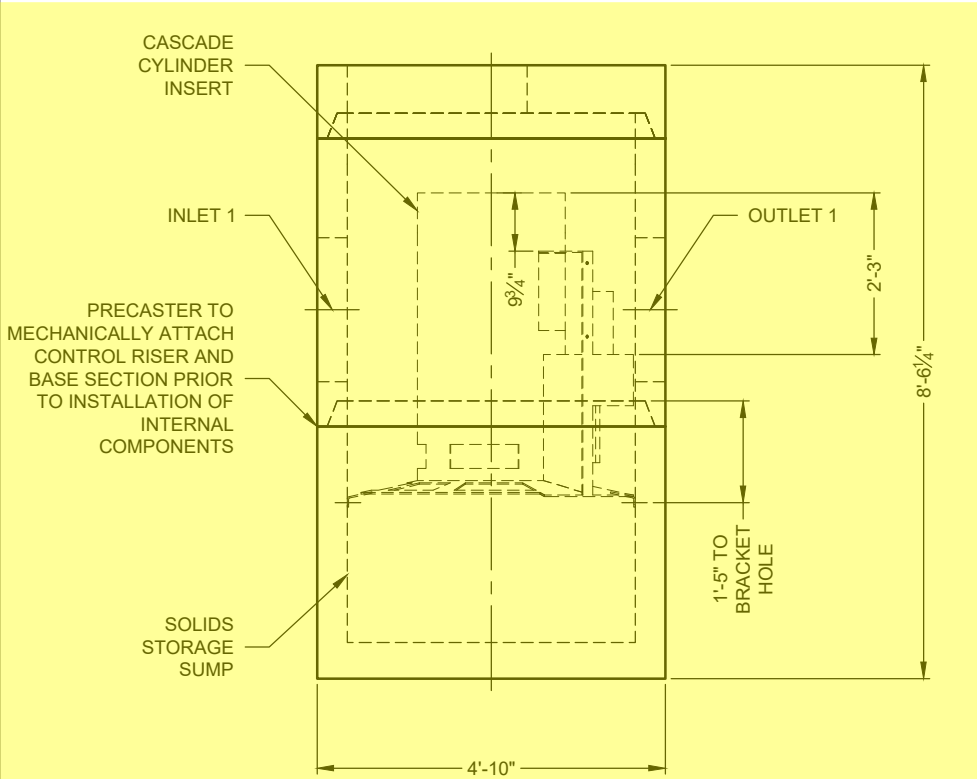




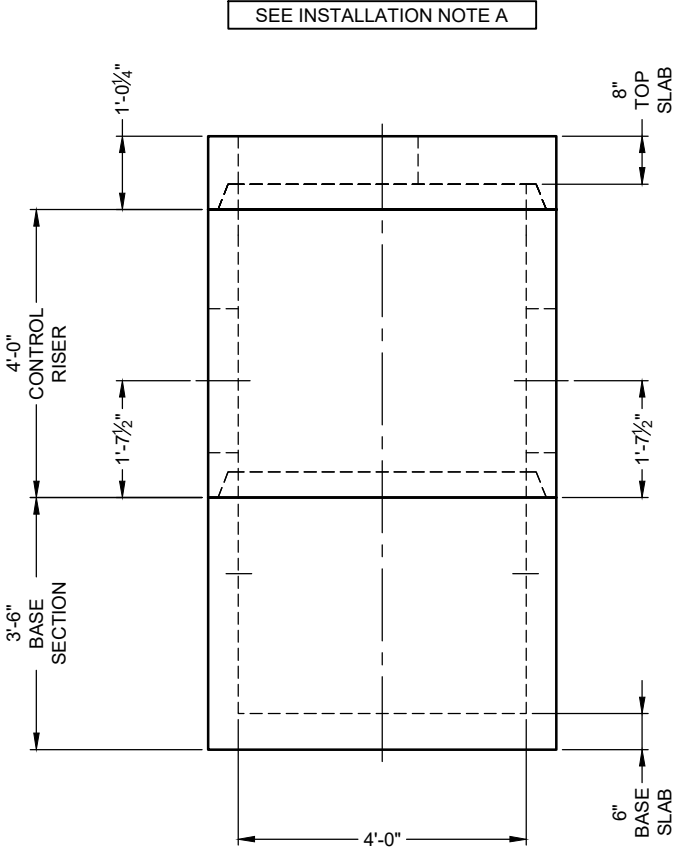
1 PLAN VIEW
INTERNALS NOT SHOWN

1 PLAN VIEW FOR PIPE ORIENTATION
TOP SLAB NOT SHOWN

20-CS-4
ICAST to fully pre-assemble internal materials prior to shipment



1 ELEVATION VIEW



1 PRECAST COMPONENTS
INTERNALS NOT SHOWN

ICAST
5888 / 757440
LAYOUT 1A
4.35TS

CONTECH
FABRICATION
DRAWING

MATERIAL LIST

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
1	CS-4 CYLINDER INSERT, STD.	325-003949	CONTECH	PRECASTER
4	CS-4 ALUMINUM INSTALLATION BRACKETS	325-003956	CONTECH	PRECASTER
1	CS-4 HARDWARE KIT	325-003955	CONTECH	PRECASTER
1	SEALANT FOR JOINTS		PRECASTER	CONTRACTOR
1	30"Ø X 4" FRAME AND COVER, EJ #41600483, OR EQUIV.	325-000332	CONTECH	CONTRACTOR

GENERAL NOTES

- DESIGN LOADING - AASHTO HS-20
- ALL PRECAST CONCRETE MANUFACTURED PARTS SHALL CONFORM TO ASTM C-478, WITH MINIMUM CONCRETE STRENGTH OF 4000 PSI AT 28 DAYS
- JOINT SEALANT SHALL CONFORM TO ASTM C-990 OR ASTM C-443
- GROUND WATER ELEVATION ASSUMED AT OUTLET INVERT
- MANUFACTURING TOLERANCE = +/- 1/2-INCH
- SOME HIDDEN LINES MAY BE OMITTED FOR CLARITY

INSTALLATION NOTES

- PRECASTER TO SHIP ACCESS CASTINGS WITH STRUCTURE
- REFER TO CONTECH ASSEMBLY INSTRUCTIONS FOR ADDITIONAL INFORMATION.
- PRECASTER TO INSTALL INTERNAL COMPONENTS PRIOR TO SHIPPING UNLESS INSTRUCTED OTHERWISE BY CONTECH
- PIPE OPENINGS SHALL BE STENCILED "INLET" OR "OUTLET" AS APPROPRIATE
- APPLYING ALIGNMENT MARKS ON ALL PIECES OF MULTIPLE PIECE ASSEMBLIES IS ENCOURAGED
- IF STRUCTURE IS DELIVERED IN MULTIPLE SECTIONS, EACH PIECE SHALL BE LABELED WITH THE CONTECH PROJECT NUMBER, SEQUENCE NUMBER AND SITE DESIGNATION

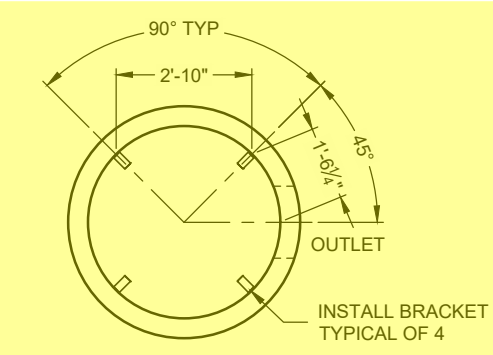
SITE INFORMATION

RIM ELEV. = 472.1 +/-
TOP OF STRUCTURE = 471.38
INLET PIPE 1 INVERT ELEV. = 467.36
INLET PIPE 1 DIAMETER AND MATERIAL = 15"Ø RCP
OUTLET PIPE INVERT ELEV. = 467.36
OUTLET PIPE DIAMETER AND MATERIAL = 15"Ø RCP
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 462.86

STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 7500 LBS.
STRUCTURE IS DELIVERED IN 2 PIECES

TOP SLAB = 2000 LBS.
CONTROL RISER = MECHANICALLY ATTACHED TO BASE SECTION
BASE SECTION = 7500 LBS.



SUPPORT BRACKET LAYOUT PLAN VIEW

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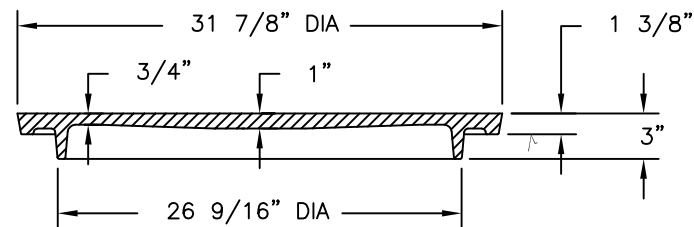
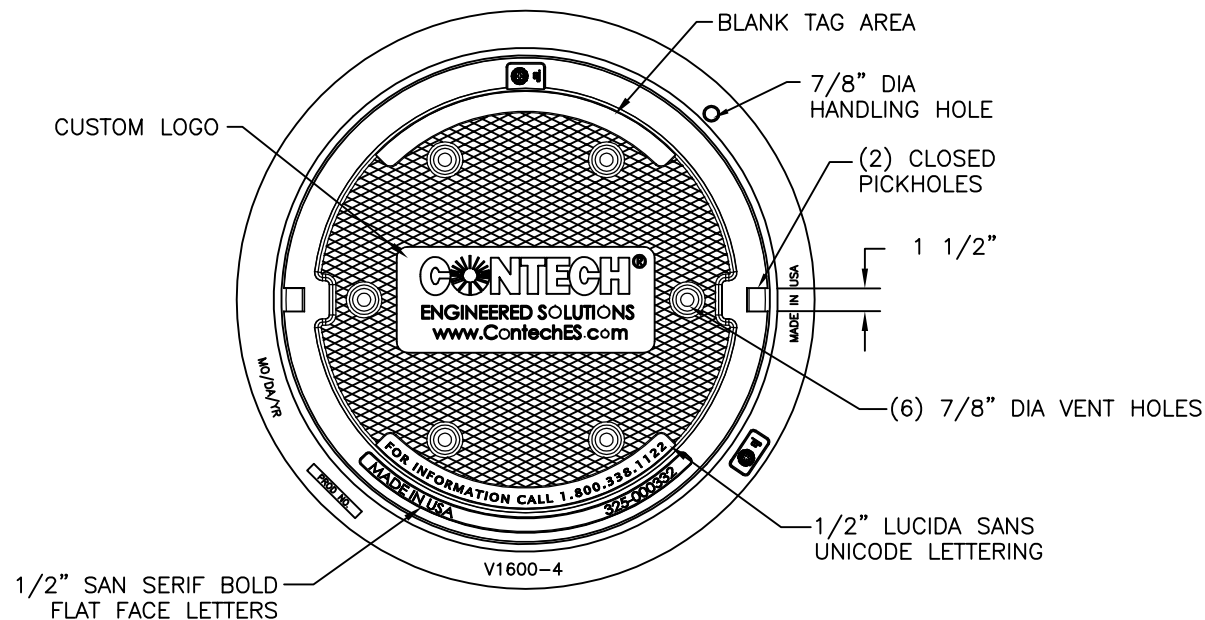
DATE	BY	REVISION DESCRIPTION
5/29/2026	EDM	REVISED PRECASTER
1	MARK	

CS-4 - 739729-020
TEAL DRIVE
NASHVILLE, TN
SITE DESIGNATION: STM E2

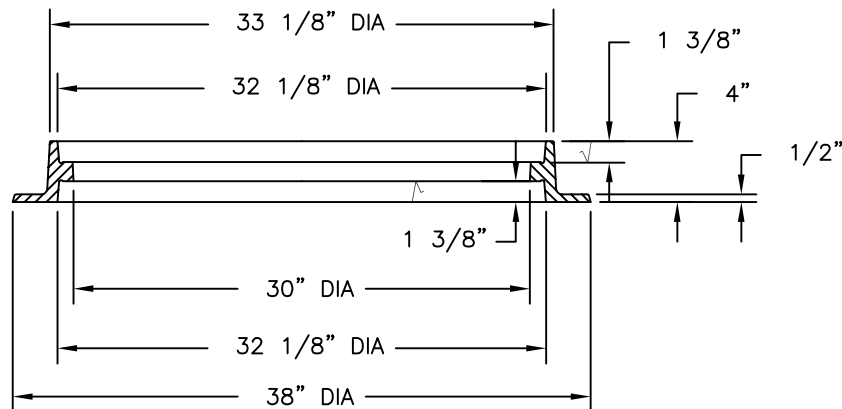
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ENGINEERED SOLUTIONS LLC
A **CONTECH** COMPANY
801 Enclave Landing Road, Suite 350, Lithium, MD 21080
443-457-1500 410-740-5490 410-740-8492 FAX
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FOR PATENT INFORMATION, GO TO www.conteches.com/PP

DATE:	12/12/25
DESIGNED:	MJS
DRAWN:	EDM
CHECKED:	MJS
APPROVED:	MJS
PROJECT No.:	739729
SEQUENCE No.:	020
SHEET:	1 OF 1

1810B4 V1600-4 Assembly



COVER SECTION



FRAME SECTION

Product Number

41600483

Design Features

- Materials
 - Cover
 - Gray Iron (CL35B)
 - Frame
 - Gray Iron (CL35B)

- Design Load
 - Heavy Duty

- Open Area
 - n/a

- Coating
 - Undipped

- ✓ Designates Machined Surface

Certification

- ASTM A48
- Country of Origin: USA

Major Components

00180783

41600410

Drawing Revision

05/09/2007 Designer: SMH

6/26/2017 Revised By: DAE

Disclaimer

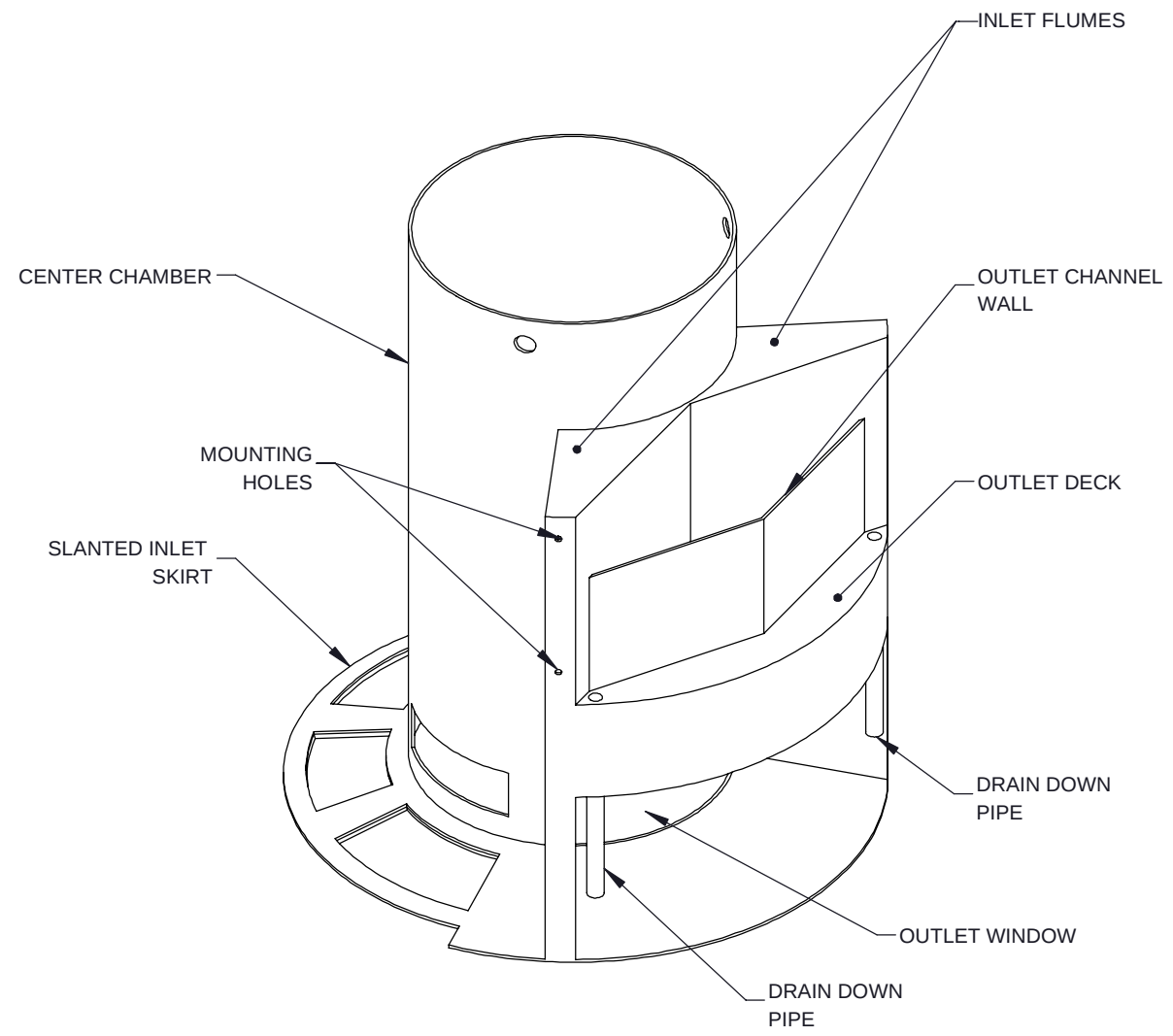
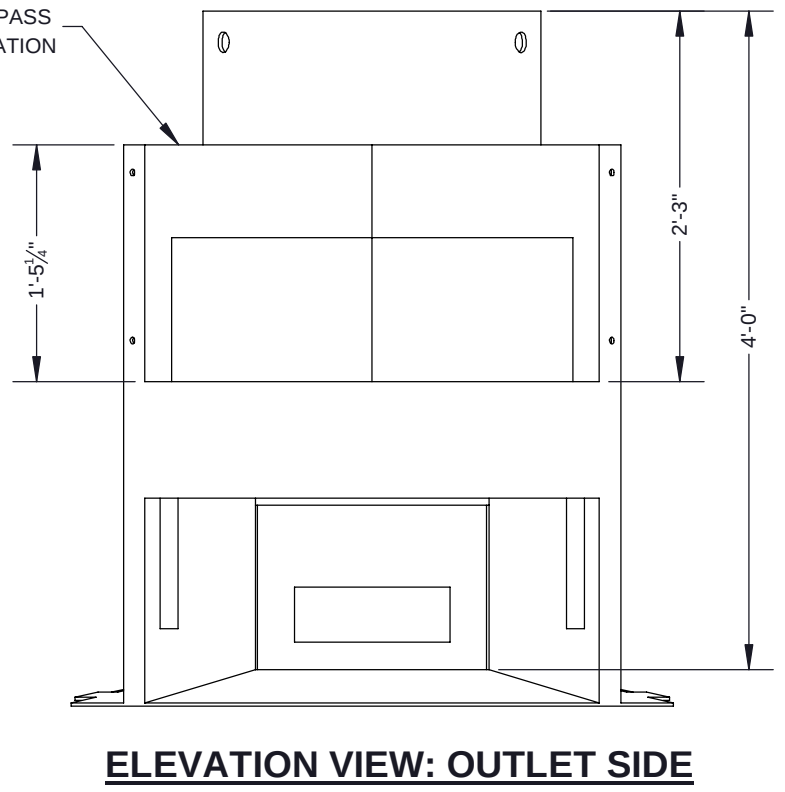
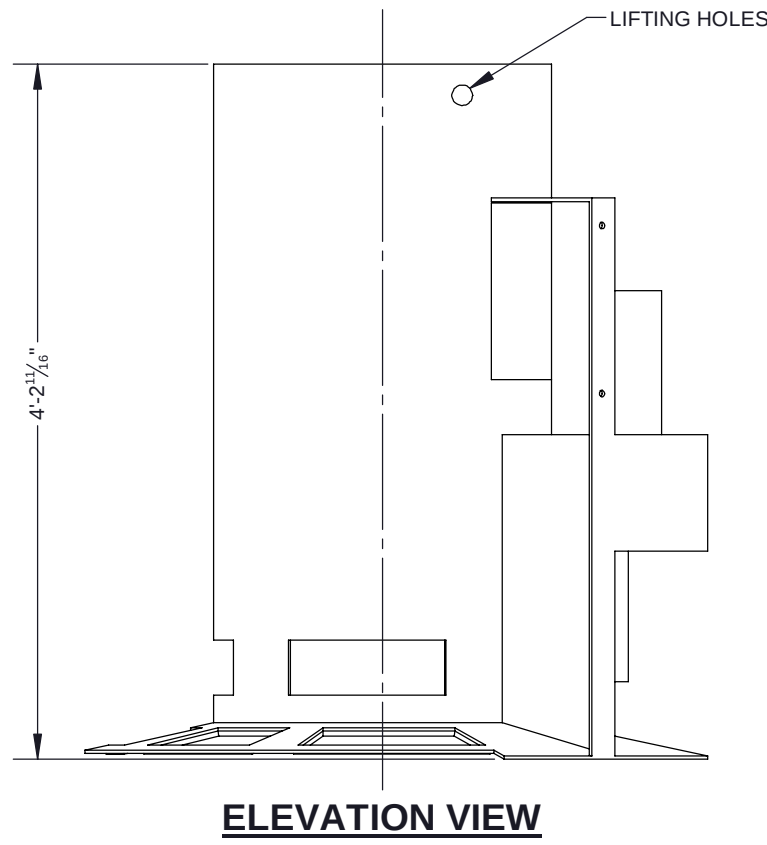
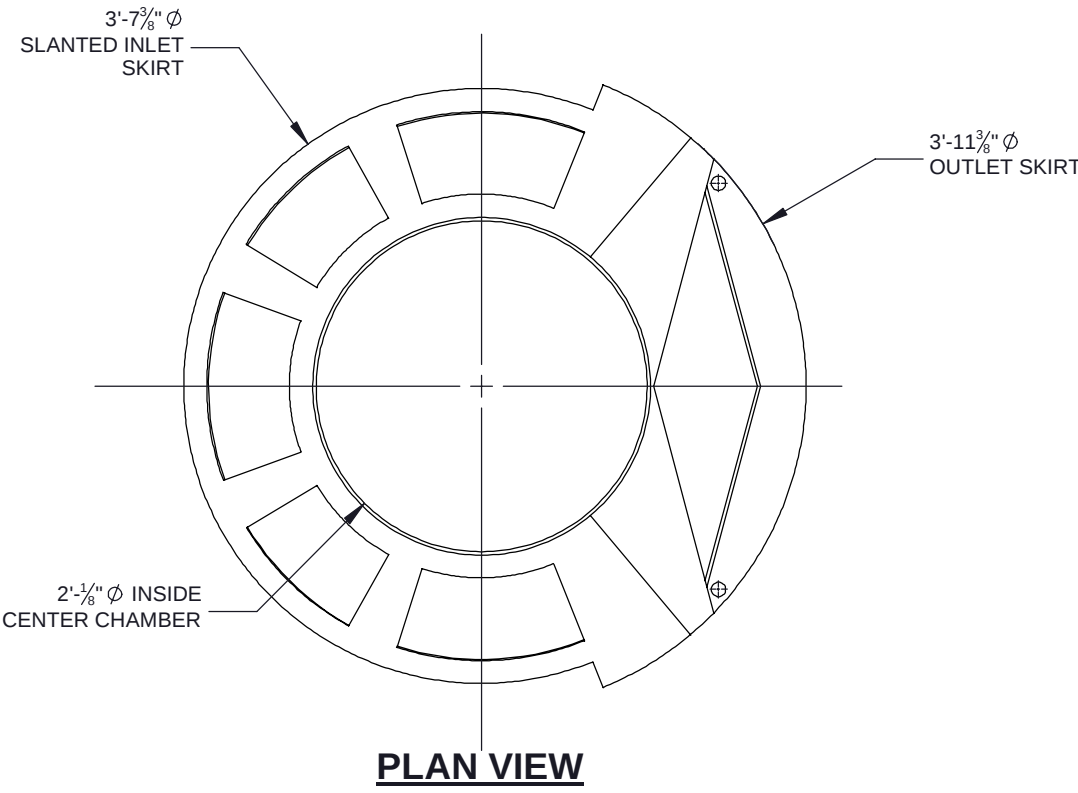
Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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Contact

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NOTES:
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800-338-1122 513-645-7000 513-645-7993 FAX

REFERENCE DETAIL
INTERNALS CS-4
CASCADE SEPARATOR

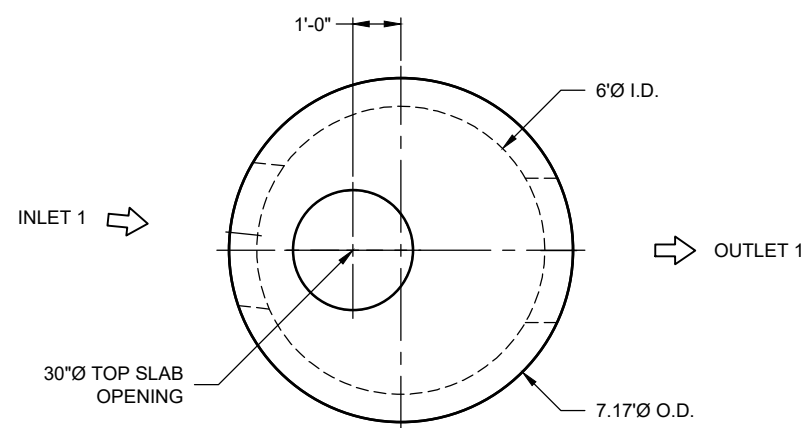
THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

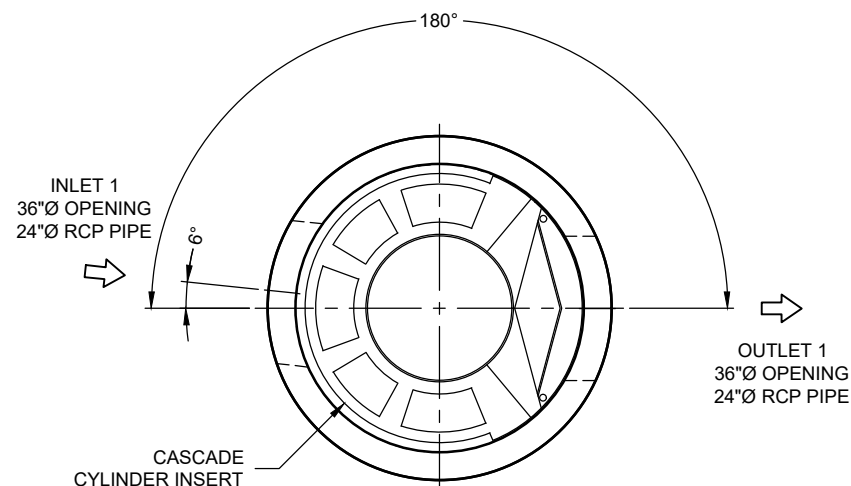
TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGLES ± 1 DEGREE
TWO PLACE DECIMAL ± 0.06
THREE PLACE DECIMAL ± 0.030

PART NUMBER: 325-003949		
APPROVED BY: M. BROOKS	DRAWN BY: M. BROOKS	
APPROVED BY DATE: 2021.10.21	DRAWN BY DATE: 2021.09.14	REV: B
SCALE: N/A	SHEET 1 OF 1	

26-2582 739729 Teal Drive

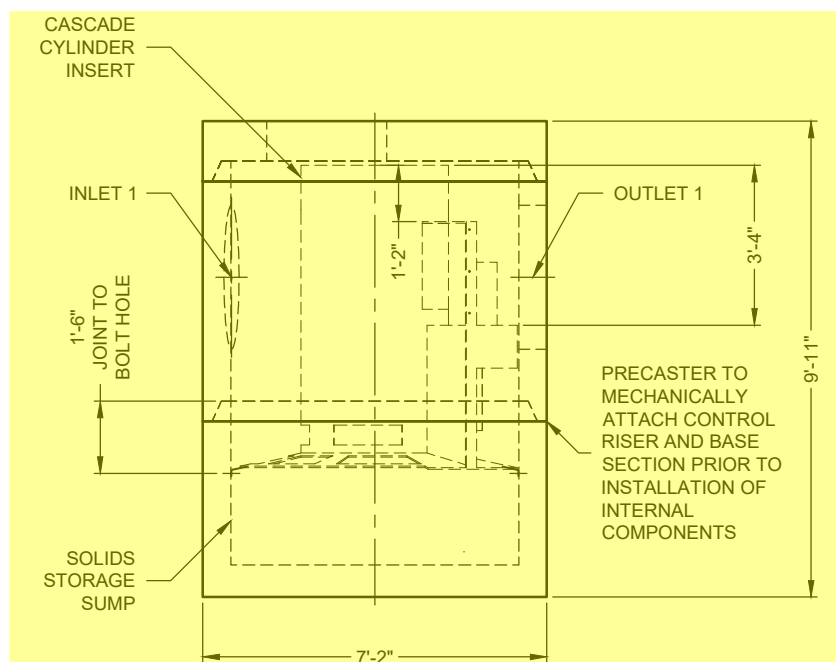


PLAN VIEW
INTERNALS NOT SHOWN

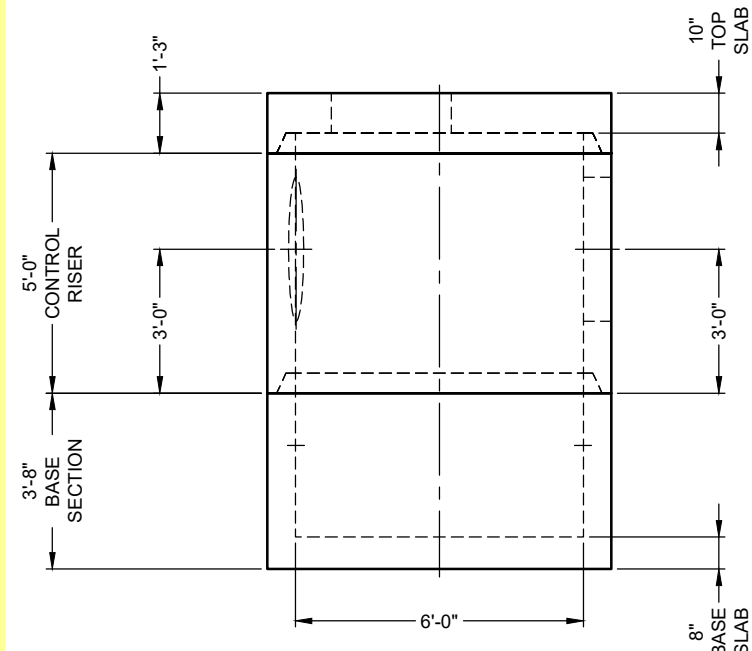


PLAN VIEW FOR PIPE ORIENTATION
TOP SLAB NOT SHOWN

SEE INSTALLATION NOTE A



 **ELEVATION VIEW**



1 PRECAST COMPONENTS
INTERNALS NOT SHOWN

ICAST
5888 / 757440
LAYOUT 1A
11.23TS

MATERIAL LIST

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
1	CS-6 CYLINDER INSERT, STD.	325-003951	CONTECH	PRECASTER
5	CS-6 ALUMINUM INSTALLATION BRACKETS	325-003956	CONTECH	PRECASTER
1	CS-6 HARDWARE KIT	325-003965	CONTECH	PRECASTER
1	SEALANT FOR JOINTS		PRECASTER	CONTRACTOR
1	30"Ø X 4" FRAME AND COVER, EJ #41600483, OR EQUIV.	325-000332	CONTECH	CONTRACTOR

GENERAL NOTES

1. DESIGN LOADING - AASHTO HS-20
2. ALL PRECAST CONCRETE MANUFACTURED PARTS SHALL CONFORM TO ASTM C-478, WITH MINIMUM CONCRETE STRENGTH OF 4000 PSI AT 28 DAYS
3. JOINT SEALANT SHALL CONFORM TO ASTM C-990 OR ASTM C-443
4. GROUND WATER ELEVATION ASSUMED AT OUTLET INVERT
5. MANUFACTURING TOLERANCE IS +/- 1/2-INCH
6. SOME HIDDEN LINES MAY BE OMITTED FOR CLARITY

INSTALLATION NOTES

- A. PRECASTER TO SHIP ACCESS CASTINGS WITH STRUCTURE
- B. REFER TO CONTECH ASSEMBLY INSTRUCTIONS FOR ADDITIONAL INFORMATION.
- C. PRECASTER TO INSTALL INTERNAL COMPONENTS PRIOR TO SHIPPING UNLESS INSTRUCTED OTHERWISE BY CONTECH
- D. PIPE OPENINGS SHALL BE STENCILED "INLET" OR "OUTLET" AS APPROPRIATE
- E. APPLYING ALIGNMENT MARKS ON ALL PIECES OF MULTIPLE PIECE ASSEMBLIES IS ENCOURAGED
- F. IF STRUCTURE IS DELIVERED IN MULTIPLE SECTIONS, EACH PIECE SHALL BE LABELED WITH THE CONTECH PROJECT NUMBER, SEQUENCE NUMBER AND SITE DESIGNATION

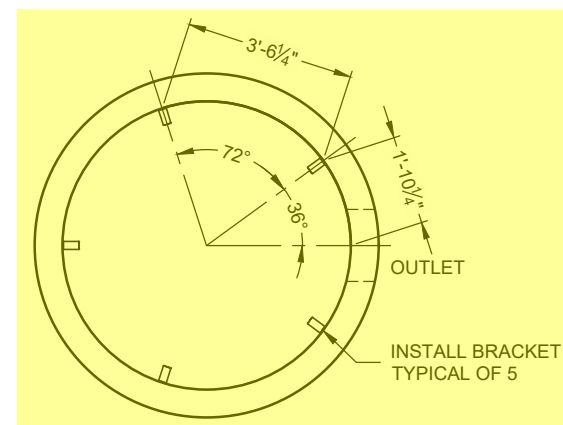
SITE INFORMATION

RIM ELEV. = 470.12+/-
TOP OF STRUCTURE = 469.29
INLET PIPE 1 INVERT ELEV. = 465.04
INLET PIPE 1 DIAMETER AND MATERIAL = 24"Ø RCP
OUTLET PIPE INVERT ELEV. = 465.04
OUTLET PIPE DIAMETER AND MATERIAL = 24"Ø RCP
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 459.37

STRUCTURE WEIGHT

APPROXIMATE HEAVIEST PICK = 18500 LBS.
STRUCTURE IS DELIVERED IN 2 PIECES

TOP SLAB = 5000 LBS.
CONTROL RISER = MECHANICALLY ATTACHED TO BASE SECTION
BASE SECTION = 18500 LBS.



SUPPORT BRACKET LAYOUT PLAN VIEW

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[illegible]

CS-6 - 739729-015

TEAL DRIVE

LEAVE DRIVE
NASHVILLE, TN

SITE DESIGNATION: STM A2

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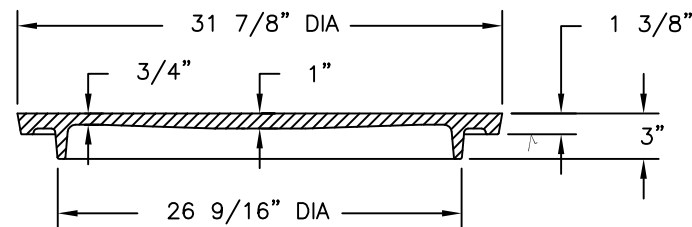
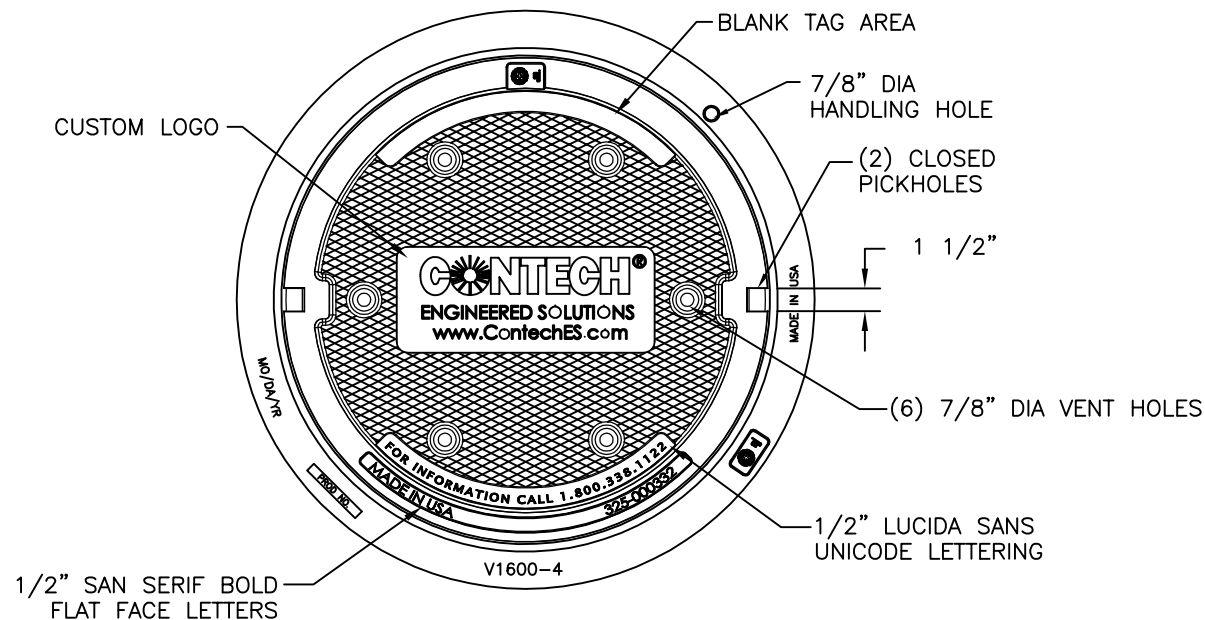
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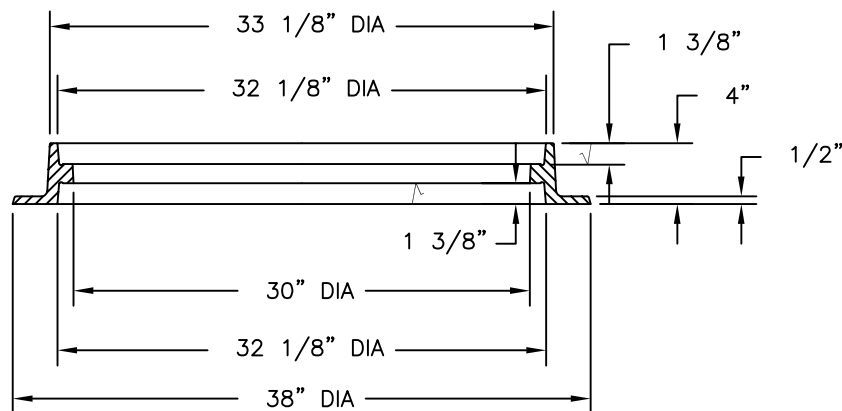
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DATE: 12/11/2025	
DESIGNED: MJS	DRAWN: EDM
CHECKED: MJS	APPROVED: MJS
PROJECT No.: 739729	SEQUENCE No.: 015
SHEET: 1 OF 1	

1810B4 V1600-4 Assembly



COVER SECTION



FRAME SECTION

Product Number

41600483

Design Features

- Materials
 - Cover
 - Gray Iron (CL35B)
 - Frame
 - Gray Iron (CL35B)

- Design Load
 - Heavy Duty

- Open Area
 - n/a

- Coating
 - Undipped

- √ Designates Machined Surface

Certification

- ASTM A48
- Country of Origin: USA

Major Components

00180783

41600410

Drawing Revision

05/09/2007 Designer: SMH

6/26/2017 Revised By: DAE

Disclaimer

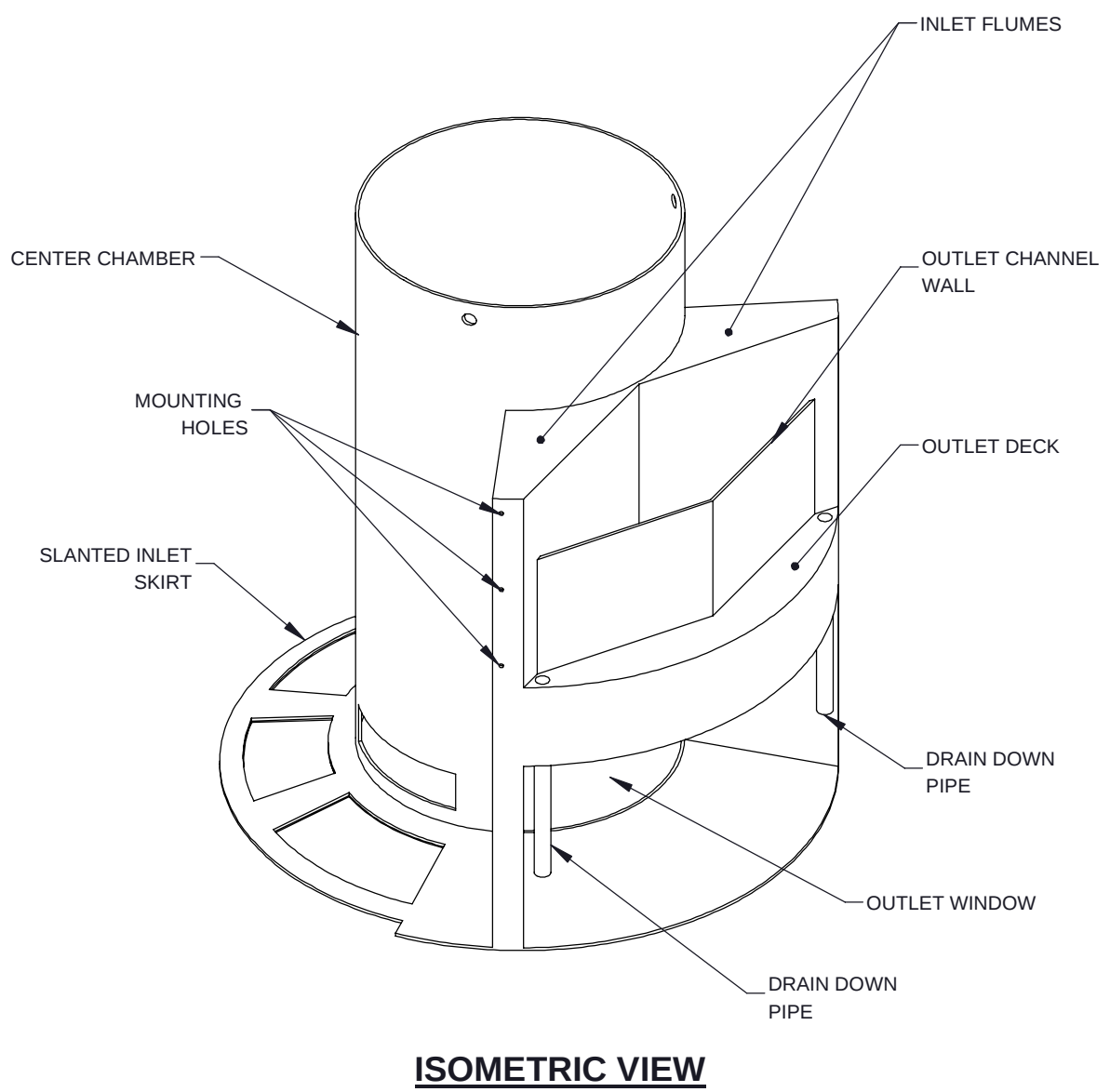
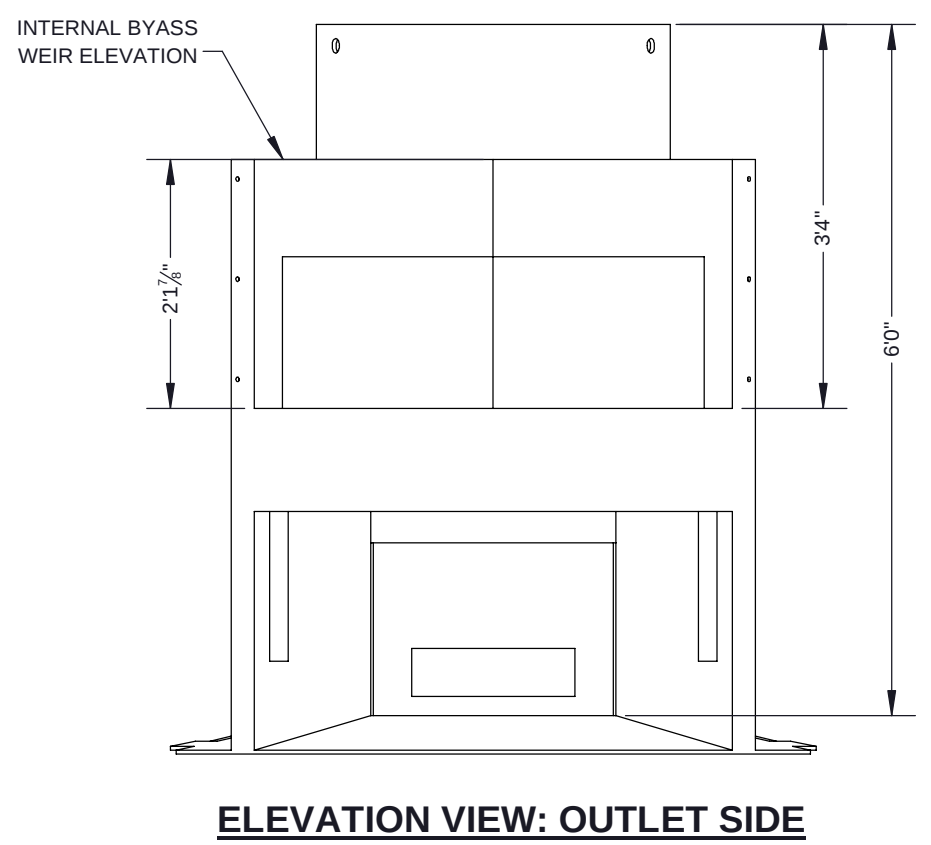
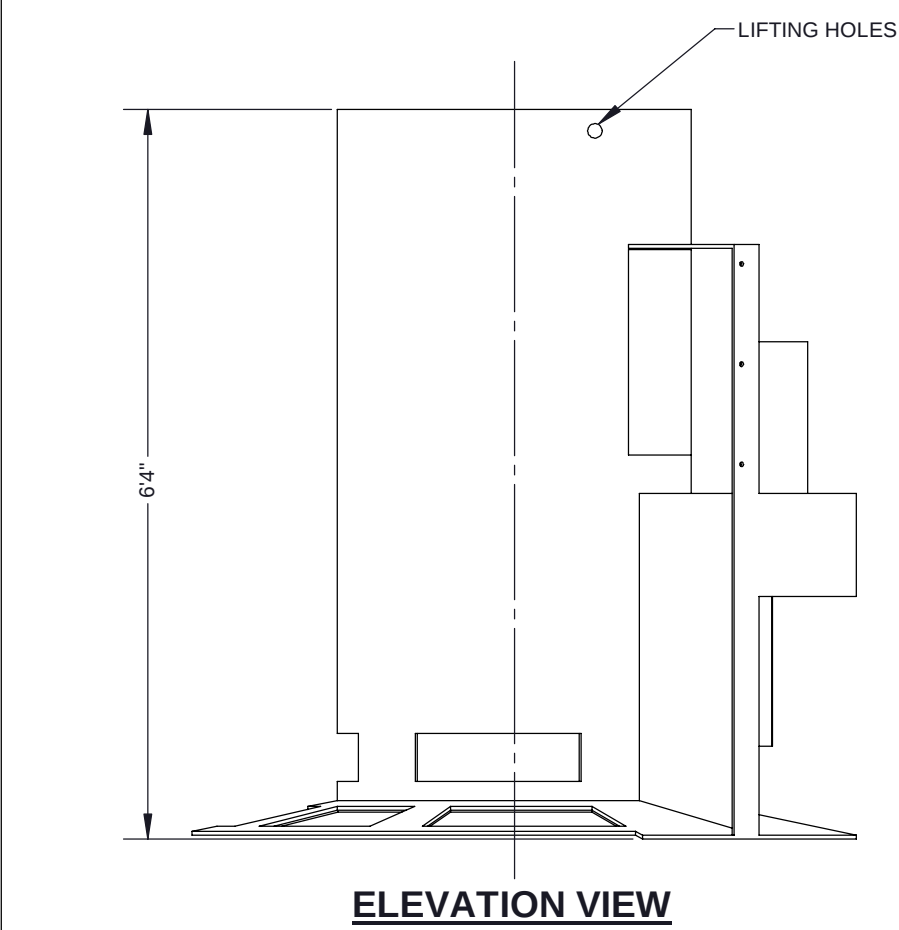
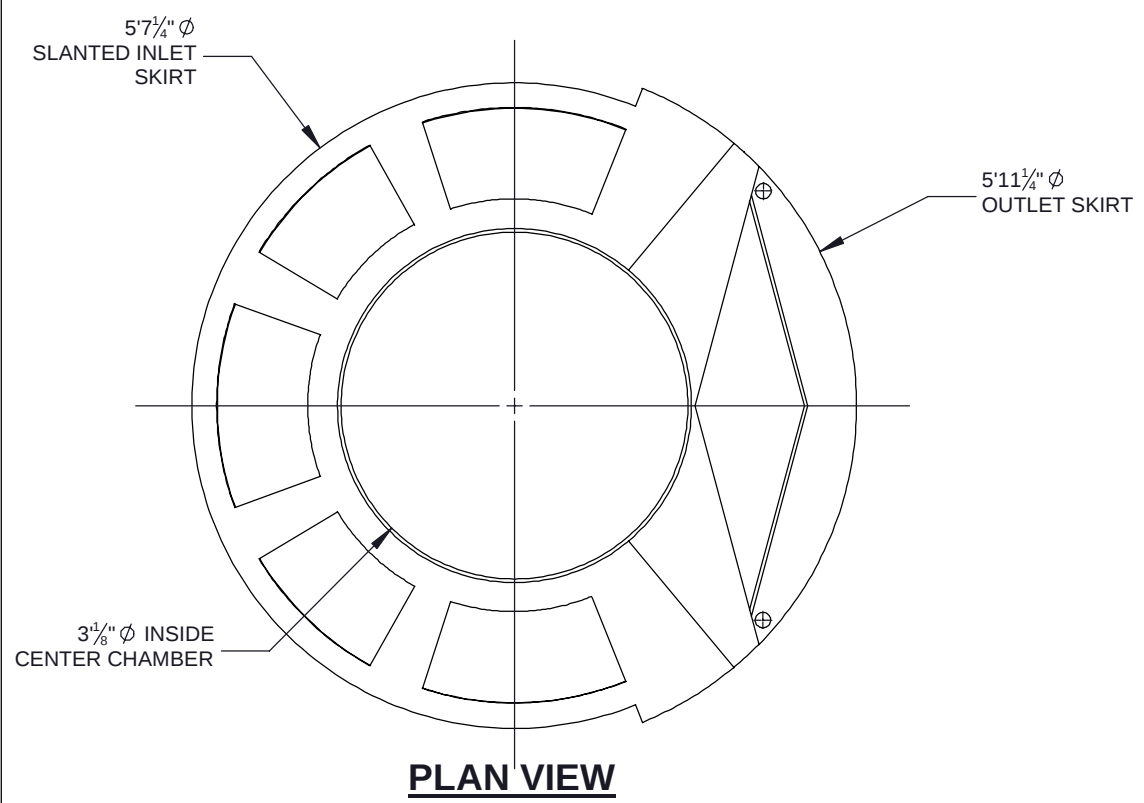
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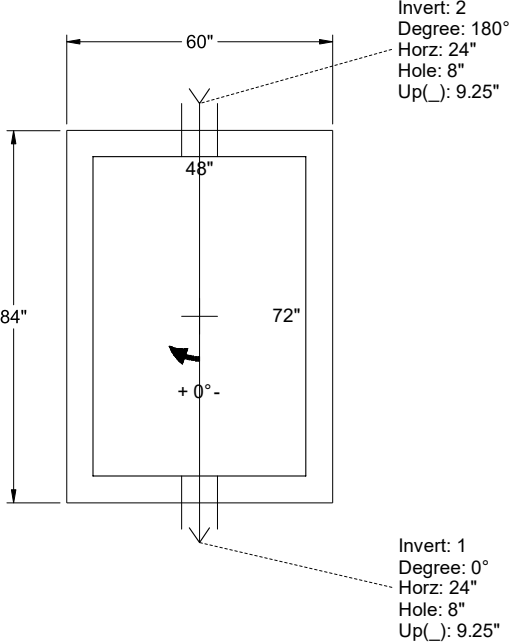
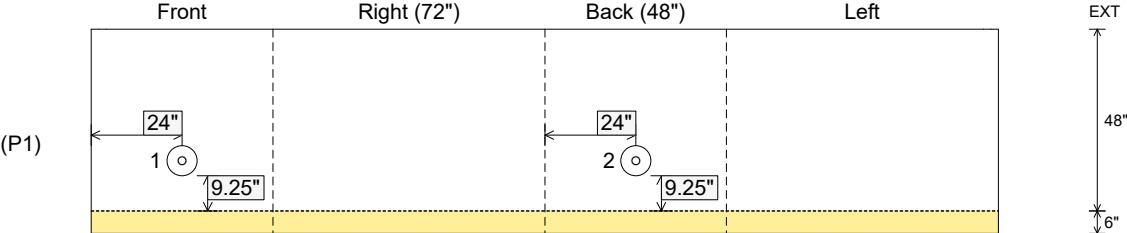
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INTERNALS CS-6
CASCADE SEPARATOR

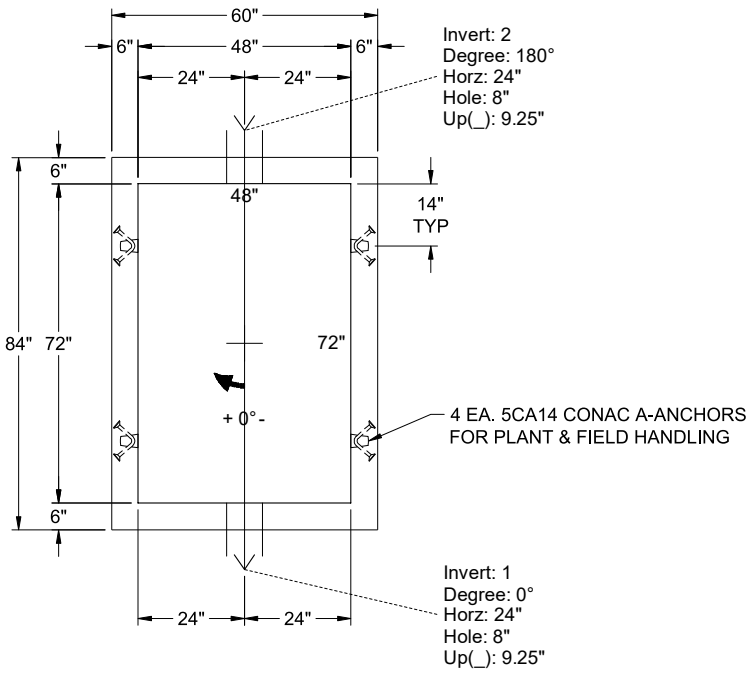
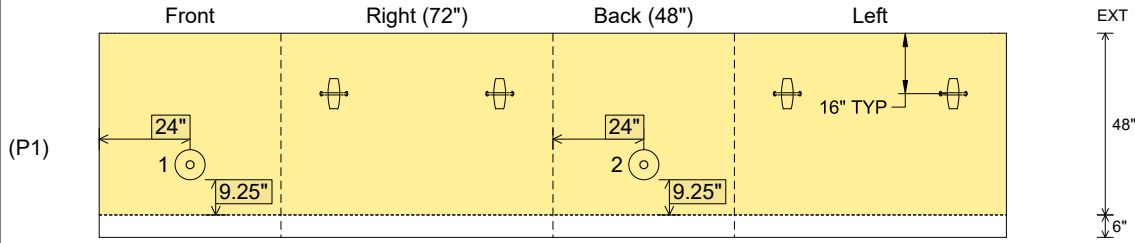
THIRD ANGLE PROJECTION

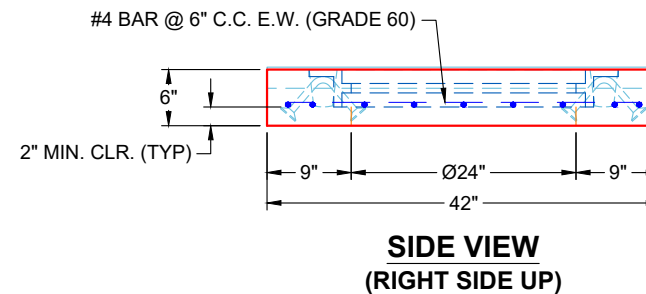
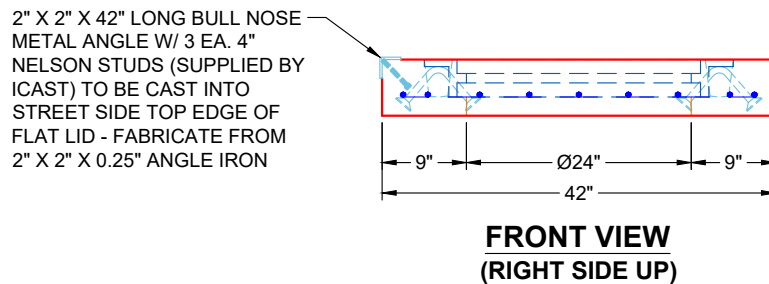
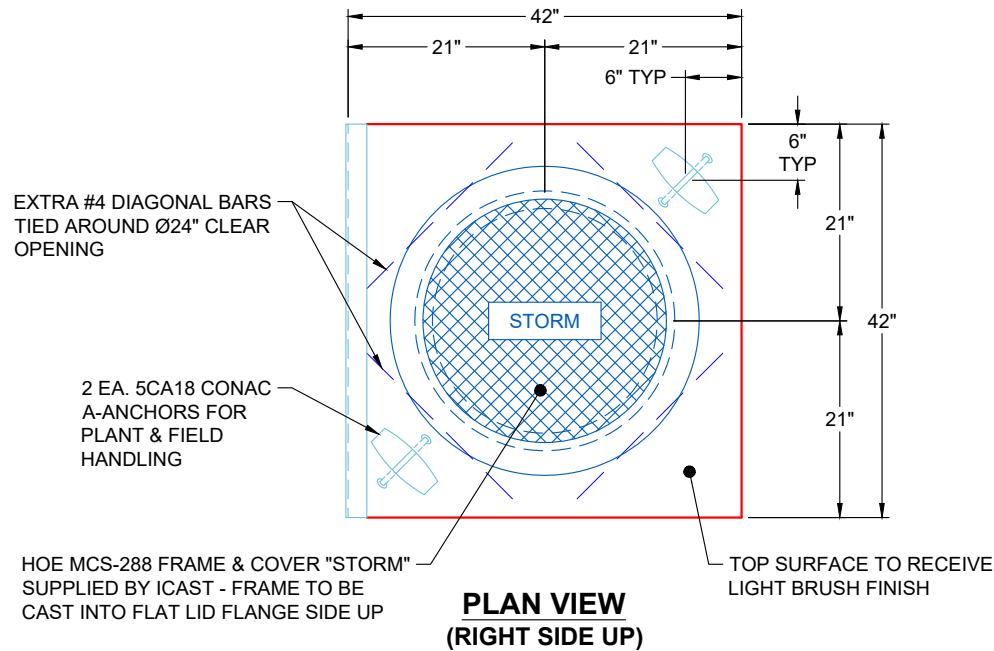
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGLES ± 1 DEGREE
TWO PLACE DECIMAL ± 0.06
THREE PLACE DECIMAL ± 0.030

PART NUMBER: 325-003951		
APPROVED BY: M. BROOKS	DRAWN BY: J. BELL	
APPROVED BY DATE: 2021.10.21	DRAWN BY DATE: 2021.09.15	REV: B
SCALE: N/A	SHEET 1 OF 1	

Job Name: 26-2466 - Second Look Meter Vault Job Location: CPU Contractor: Second Look Lawn & Landscape					Plant: 100 6/22/2026 2:43:51 PM		Tech: J. Horsley PC: T. Lewis				
Structure ID: QL1											
P1		BX4872-06BAVF		BOX BASE 6inW, 6inF, Variable Ht F/n							
P3) 36" x 36" - CASTING (cast in) - 3" P2) 48" x 72" - CB FLAT TOP 6"W w/36"x36" HATCH F/F - 8" P1) 48" x 72" - BOX BASE 6inW, 6inF, Variable Ht F/n - 48" 1) HATCH (Alum.) - HALLIDAY W1S 36"x36" 1) This Structure Includes a Cast-in Item - Halliday W1S 36" x 36" Hatch (Supplied by iCast) 1) SECONDARY POUR 1) 48" x 72" - Conseal CS-102 1.00" 2) PSX - 8QRS-S NYLO					0 lb 2591 lb 8867 lb 78 lb 0 lb 0 lb 0 lb 0 lb 13 lb ----- 11549 lb Structure Total:		Structure Notes: 1. PER ASTM C-913 SPECIFICATIONS 2. CONCRETE: 4,500 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE 4. HALLIDAY W1S 36" X 36" HATCH SUPPLIED BY ICAST - TO BE CAST INTO FLAT LID 5. WET STICK 18" X 24" #5 L-BARS @ 12" C.C. E.W. (GRADE 60) OUT OF FLOOR FOR WALL POUR TIE-IN (24 EA. L-BARS REQUIRED)				
FIRST POUR (FLOOR):		2,538 LBS									
SECOND POUR (WALLS):		6,329 LBS									
Rim: 4.67' Rim to Invert: 3.653' Slack: 0.04" Sump: 12.204" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	1.017'	0°	30"	2" PVC SCH40	2.375"	PSX 8QRS-S NYLO	8"	8"	9.25"	0"	
Invert 2	1.017'	180°	30"	2" PVC SCH40	2.375"	PSX 8QRS-S NYLO	8"	8"	9.25"	0"	
Invert 3											
RIGHT-SIDE UP VIEW (int. dimensions)											
											
INSIDE WALL DIMENSIONS											
											
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: n/a		Wall Thickness: 6" Floor Height: 6"		Height (Int): 48" Height (Ext): 54"		Weight (Net): 8867 lb Volume (Net): 2.26cu.yd	

Job Name: 26-2466 - Second Look Meter Vault Job Location: CPU Contractor: Second Look Lawn & Landscape					Plant: 100 6/22/2026 2:43:51 PM		Tech: J. Horsley PC: T. Lewis				
Structure ID: QL1											
P1 BX4872-06BAVF BOX BASE 6inW, 6inF, Variable Ht F/n											
P3) 36" x 36" - CASTING (cast in) - 3" P2) 48" x 72" - CB FLAT TOP 6"W w/36"x36" HATCH F/F - 8" P1) 48" x 72" - BOX BASE 6inW, 6inF, Variable Ht F/n - 48" 1) HATCH (Alum.) - HALLIDAY W1S 36"x36" 1) This Structure Includes a Cast-in Item - Halliday W1S 36" x 36" Hatch (Supplied by iCast) 1) SECONDARY POUR 1) 48" x 72" - Conseal CS-102 1.00" 2) PSX - 8QRS-S NYLO					0 lb 2591 lb 8867 lb 78 lb 0 lb 0 lb 0 lb 0 lb 13 lb ----- Structure Total: 11549 lb		Structure Notes: - PER ASTM C-913 SPECIFICATIONS - CONCRETE: 4,500 PSI AT 28 DAYS - REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE - HALLIDAY W1S 36" X 36" HATCH SUPPLIED BY ICAST - TO BE CAST INTO FLAT LID - LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN				
FIRST POUR (FLOOR): 2,538 LBS SECOND POUR (WALLS): 6,329 LBS											
Rim: 4.67' Rim to Invert: 3.653' Slack: 0.04" Sump: 12.204" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	1.017'	0°	30"	2" PVC SCH40	2.375"	PSX 8QRS-S NYLO	8"	8"	9.25"	0"	
Invert 2	1.017'	180°	30"	2" PVC SCH40	2.375"	PSX 8QRS-S NYLO	8"	8"	9.25"	0"	
Invert 3											
RIGHT-SIDE UP VIEW (int. dimensions)											
											
INSIDE WALL DIMENSIONS											
											
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: n/a		Wall Thickness: 6" Floor Height: 6"		Height (Int): 48" Height (Ext): 54"		Weight (Net): 8867 lb Volume (Net): 2.26cu.yd	



GENERAL NOTES:

1. MANUFACTURED PER ASTM C-913 LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT: #4 BAR @ 6" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. HOE MCS-288 FRAME & COVER "STORM" SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP
5. WEIGHT: 887 LBS
6. 2" X 2" X 42" LONG BULL NOSE METAL ANGLE W/ 3 EA. 4" NELSON STUDS (SUPPLIED BY ICAST) TO BE CAST INTO STREET SIDE TOP EDGE OF FLAT LID - FABRICATE FROM 2" X 2" X 0.25" ANGLE IRON
7. LIFTERS: 2 EA. 5CA18 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING
8. TOP SURFACE TO RECEIVE LIGHT BRUSH FINISH

PRODUCTION WORK ORDER

PRODUCT I.D.: BX030030-06LD06-S

DESCRIPTION: 42" X 42" X 6" FLAT LID SPECIAL



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED.
- ☐ HOLE LOCATION(S) CORRECT.
- ☐ REINFORCING & SPACING CORRECT.
- ☐ CASTING LOCATION & ORIENTATION CORRECT.
- ☐ EDGES CHAMFERED.
- ☐ SHIPLAP JOINT INSTALLED.

PRODUCT VIEW: RIGHT SIDE UP

CUSTOMER: CONVERGENT WATER TECHNOLOGIES

PLANT: BEAVER DAM, KY

PROJECT: 2787 CONVERGENT PRETX CURB INLET

WEIGHT: 887 LBS

STRUCTURE: QL2

TOP SECTION JOINT: FLAT

ORDER NO: 26-2700

BASE SECTION JOINT: N / A

PE: J.H. ROSS

DRAWING: K. CARDWELL

QC CHECK INITIALS:

DATE: 06/21/26

SCALE: NTS

PG. 1 OF 1

Job Number:

26-2700

Job Name:

2787 Convergent Pretx Curb Inlet

Structure:

QL2

Note:

HOE MCS-288 Frame Supplied By
iCast To Be Cast Into Flat Lid Flange
Side Up

Job Name: 26-1899 - Gateway 65 Industrial Road
Job Location: Franklin, KY
Contractor: RD Sitework LLC

Plant: 100
4/20/2026 1:53:54 PM

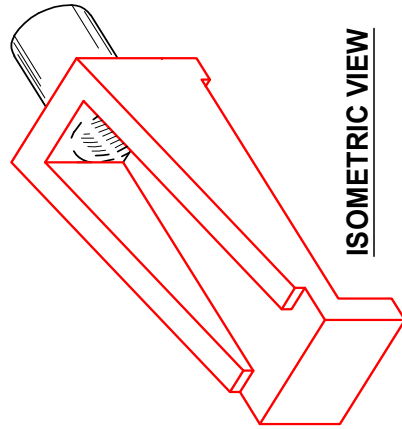
Tech: Jared - F
PC: E. Bardley



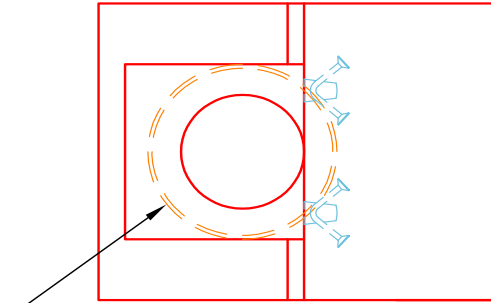
Structure ID: 3 HW

P1 HWSP18

18" - SLOPED & PARALLEL HEADWALL F/F



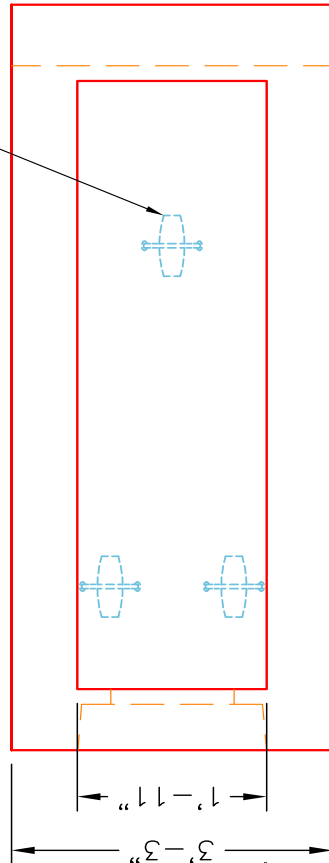
ISOMETRIC VIEW



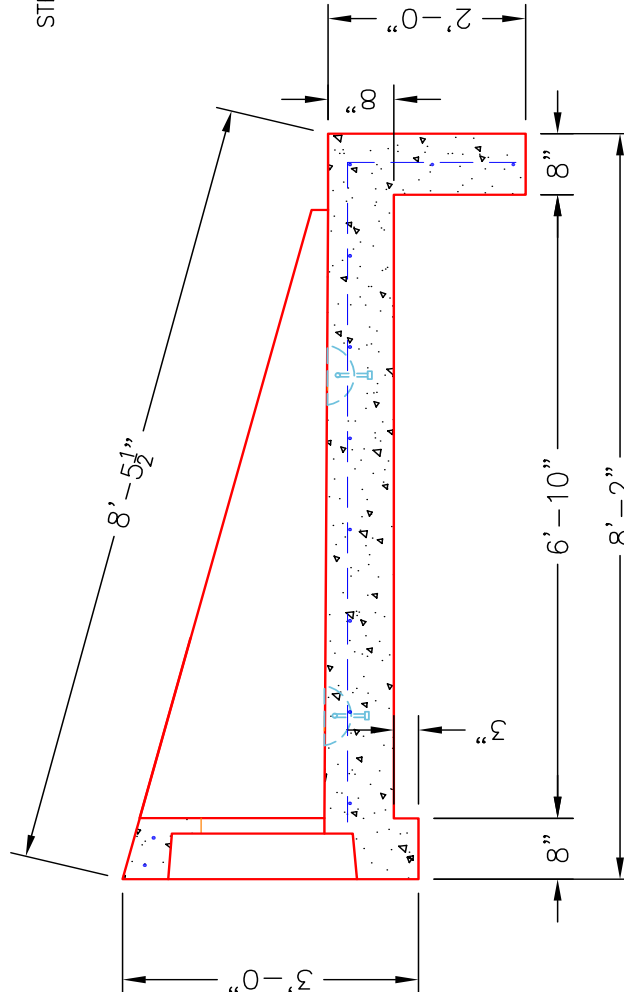
FRONT ELEVATION

STEPPED HOLE FORMER
FOR 18"Ø PIPE
(PIPE O.D. + 3"-4")

"A-ANCHOR" LIFTING SYSTEM
FOR PLANT & FIELD HANDLING.



PLAN VIEW



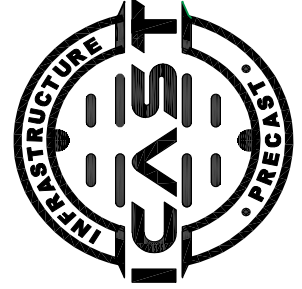
SECTION A-A

NOTES:

1. CONCRETE: KYTC APPROVED.
2. REINFORCING: #4 BAR @ 12" C/C E.W.-GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.
4. PIPE AND LIFTING ANCHOR POCKETS TO BE GROUTED WITH KYTC APPROVED NON-SHRINK GROUT.
5. DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWING RDH-030-03 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. 3/8" CHAMFER ON ALL EXPOSED EDGES.
7. PREFORMED STEPPED HOLE SIZED AS PER O.D. OF PIPE + 3" - 4".

INFRASTRUCTURE PRECAST, INC.

981 WEST 7TH ST., BEAVER DAM, KY. 42320
PHONE: (270) 363-2238, FAX: (270) 298-7424



KYTC 12" - 18" SLOPED & PARALLEL HEADWALLS

DRAWING NO.: KYTC 12"-18" S&P DATE: 01-31-23

REVIEWED BY: J.H. ROSS, PE DRAWN BY: N. RICHARDS

WEB: WWW.ICASTINC.COM SCALE: NTS

Job Name: 26-1456 Double Kwik
Job Location: Whitesburg, KY
Contractor: Rising Sun Development Company

Plant: Beaver Dam
6/17/2026 2:56:33 PM

Tech: S. Felletter
PC: E. Bradley



Structure ID: 88 34-8 DBI10

P2 BX024030-08LD08-16x28

BX FLAT LID 8inW w/16"x28" HOLE F/F

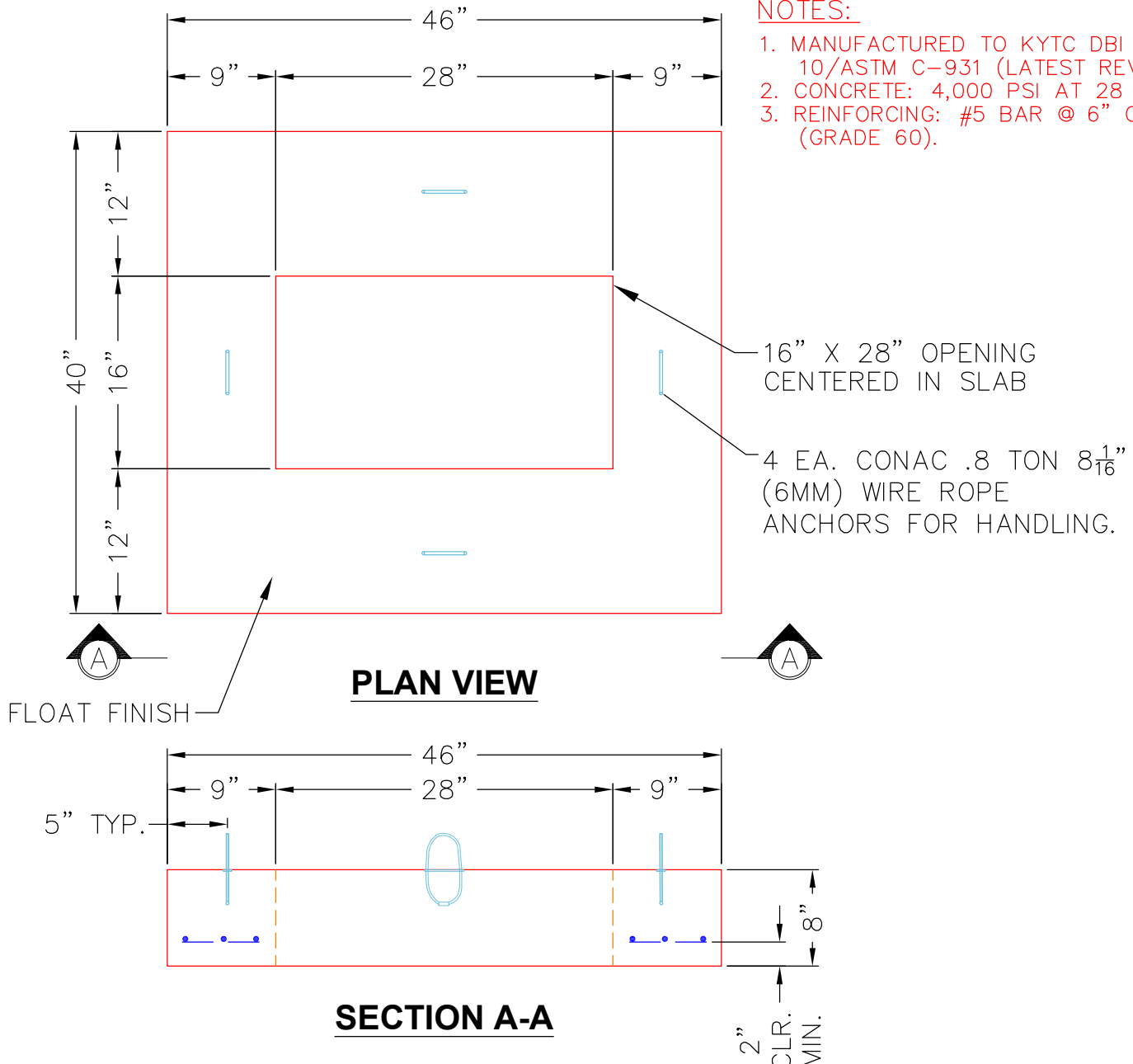
P3) 16" x 28" - CASTING HEIGHT - 5"
P2) 24" x 30" - BX FLAT LID 8inW w/16"x28" HOLE F/F - 8"
P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht F/n - 27"
1) CASTING - HOE KY-550 F/G (DBI TY 10)
1) 24" x 30" - Conseal CS-102 1.00"
2) Hole - 18

0 lb
934 lb
3431 lb
550 lb
0 lb
0 lb

Structure Total: 4915 lb

Structure Notes:
1. KYTC DBI TYPE 10 / ASTM C-913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. NO STEPS.
5. CASTING BY ICAST (HOE KY-550 F/G).

REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (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.



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

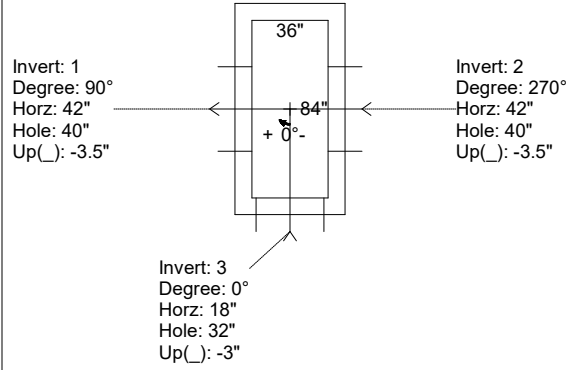
Weight (Net): 934 lb
Volume (Net): 0.24cu.yd

Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC					Plant: 100 6/4/2026 4:34:08 PM		Tech: Jared - F PC: E. Bardley				
Structure ID: 26 ST-DCI											
P1 BX036084-08BAVF BOX BASE 8inW, 8inF, Variable Ht F/n											
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 36" x 84" - CB FLAT TOP 8"W SPEC. (2 - 24x36 HOLES) F/F - 8" P1) 36" x 84" - BOX BASE 8inW, 8inF, Variable Ht F/n - 52" 1) CASTING - HOE 525 DBL SET FLAT GRATE (F/G/H) 1) 36" x 84" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 40 1) Hole - 32						0 lb 2911 lb 10759 lb 442 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 14111 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 BY ICAST (HOE 525 DBL SET FLAT GRATE (F/G/H)). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - WALLS (As .47) #5 BARS AT 8" C.C.E.W. - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.			
Rim: 687.19' Rim to Invert: 5.52' Slack: 0.24" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	681.67'	90°	50"	30" RCP B WALL	37"	Hole 40	40"	40"	-3.5"	0"	
Invert 2	681.67'	270°	50"	30" RCP B WALL	37"	Hole 40	40"	40"	-3.5"	0"	
Invert 3	681.67'	0°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



1ST POUR (FLOOR)
STUB #5 L BARS OUT
TOP FLOOR, SPA AT
12" C/C FOR
CONNECTING WALLS

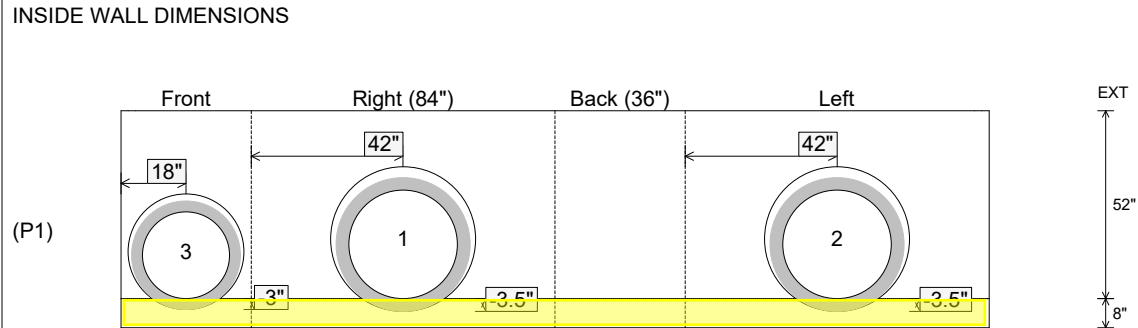
RIGHT-SIDE UP VIEW (int. dimensions)



Upside-Down View (int. dimensions)

1ST POUR (FLOOR) = 3,490 LBS
2ND POUR (WALLS) = 7,269 LBS

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 52" Height (Ext): 60"	Weight (Net): 10759 lb Volume (Net): 2.75cu.yd
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Job Name: 26-1899 - Gateway 65 Industrial Road

Job Location: Franklin, KY

Contractor: RD Sitework LLC

Plant: 100

6/4/2026 4:34:08 PM

Tech: Jared - F

PC: E. Bardley



Structure ID: 26 ST-DCI

P1 BX036084-08BAVF

BOX BASE 8inW, 8inF, Variable Ht F/n

P3) 24" x 36" - CASTING HEIGHT - 6"

P2) 36" x 84" - CB FLAT TOP 8"W SPEC. (2 - 24x36 HOLES) F/F - 8"

P1) 36" x 84" - BOX BASE 8inW, 8inF, Variable Ht F/n - 52"

1) CASTING - HOE 525 DBL SET FLAT GRATE (F/G/H)

1) 36" x 84" - Conseal CS-102 1.00"

1) 24" x 36" - Conseal CS-102 1.00"

2) Hole - 40

1) Hole - 32

0 lb

2911 lb

10759 lb

442 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 14111 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 BY ICAST (HOE 525 DBL SET FLAT GRATE (F/G/H)).

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.

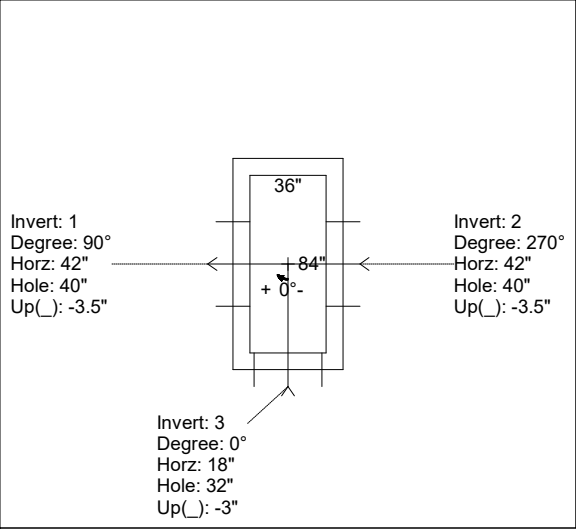
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.

- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 687.19' Rim to Invert: 5.52' Slack: 0.24" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	681.67'	90°	50"	30" RCP B WALL	37"	Hole 40	40"	40"	-3.5"	0"
Invert 2	681.67'	270°	50"	30" RCP B WALL	37"	Hole 40	40"	40"	-3.5"	0"
Invert 3	681.67'	0°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

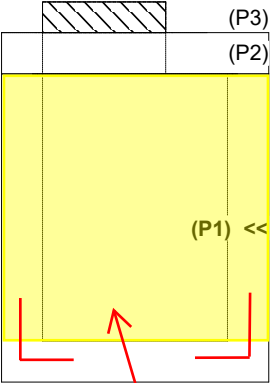
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)

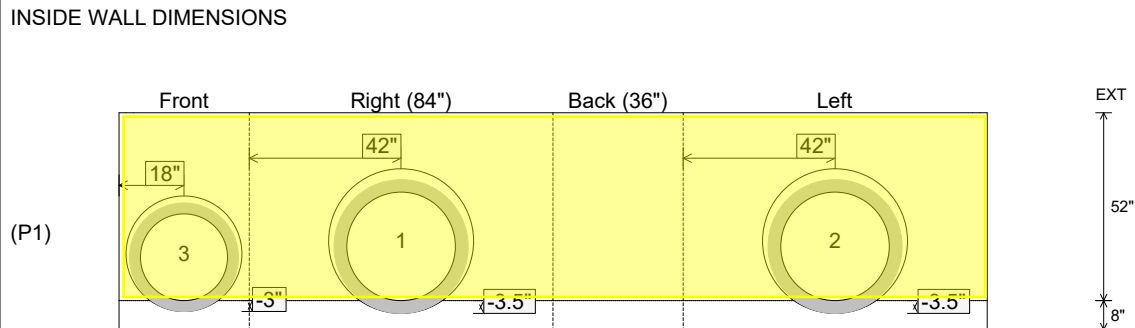
1ST POUR (FLOOR) = 3,490 LBS

2ND POUR (WALLS) = 7,269 LBS



2ND POUR (WALLS)

INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 52"

Height (Ext): 60"

Weight (Net): 10759 lb

Volume (Net): 2.75cu.yd

Job Name: 26-1899 - Gateway 65 Industrial Road
Job Location: Franklin, KY
Contractor: RD Sitework LLC

Plant: 100

6/4/2026 4:39:13 PM

Tech: Jared - F
PC: E. Bardley



Structure ID: 25 ST-DCI

P2 BX036084-08LD08SP

CB FLAT TOP 8"W SPEC. (2 - 24x36 HOLES) F/F

- P3) 24" x 36" - CASTING HEIGHT - 6"
P2) 36" x 84" - CB FLAT TOP 8"W SPEC. (2 - 24x36 HOLES) F/F - 8"
P1) 36" x 84" - BOX BASE 8inW, 8inF, Variable Ht F/n - 58"
1) CASTING - HOE 525 DBL SET FLAT GRATE (F/G/H)
1) 36" x 84" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 46
2) Hole - 22
1) Hole - 40

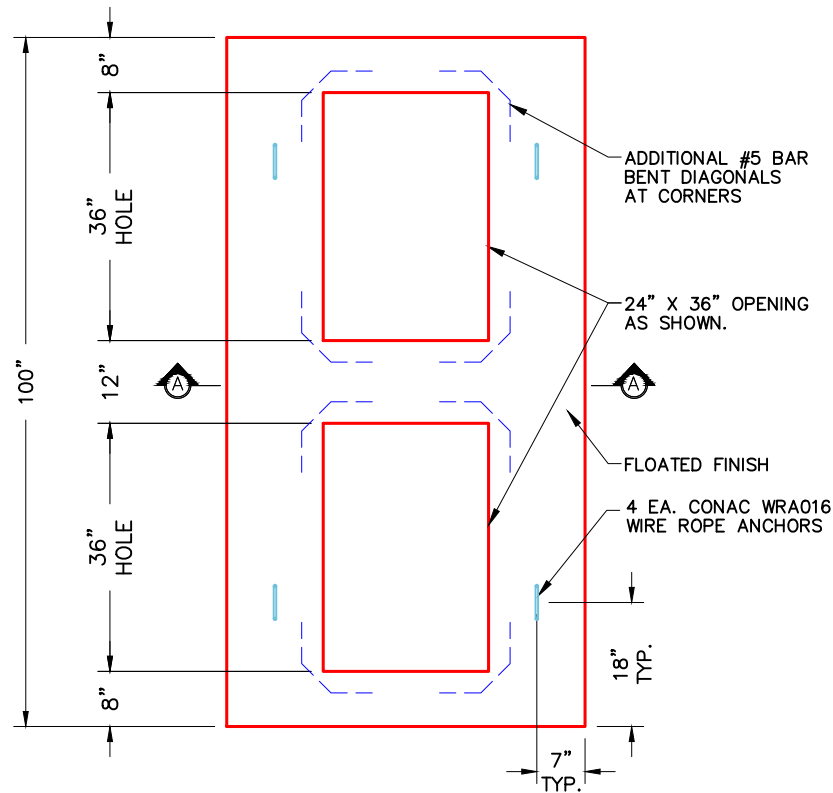
Structure Total:

0 lb
2911 lb
11612 lb
442 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
14964 lb

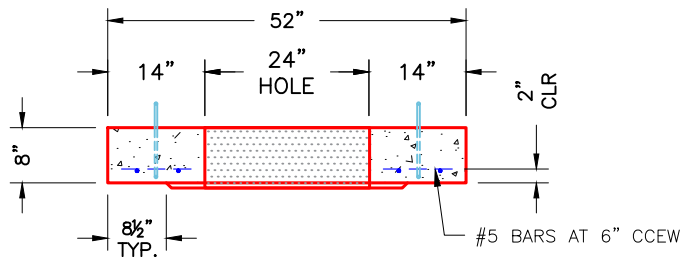
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 525 DBL SET FLAT GRATE (F/G/H)).

REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.



PLAN VIEW



SECTION A-A

NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" O.C. E.W. (GRADE 60).

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

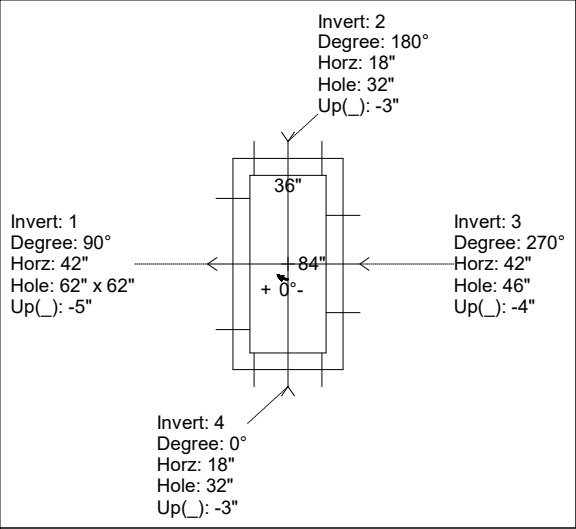
Height (Ext): 8"

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

Weight (Net): 9541 lb
Volume (Net): 2.44cu.yd

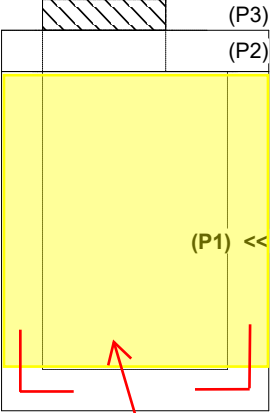
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC				Plant: 100 6/4/2026 4:34:13 PM		Tech: Jared - F PC: E. Bardley					
Structure ID: 38 ST-DCI											
P1 BX036084-08BAVF				BOX BASE 8inW, 8inF, Variable Ht F/n							
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 36" x 84" - CB FLAT TOP 8"W SPEC. (2 - 24x36 HOLES) F/F - 8" P1) 36" x 84" - BOX BASE 8inW, 8inF, Variable Ht F/n - 58" 1) CASTING - HOE 525 DBL SET FLAT GRATE (F/G/H) 1) 36" x 84" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) DOGHOUSE INVRTD - 62"x62" 2) Hole - 32 1) Hole - 46						0 lb 2911 lb 9541 lb 442 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 12893 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 BY ICAST (HOE 525 DBL SET FLAT GRATE (F/G/H)). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - WALLS (As .47) #5 BARS AT 8" C.C.E.W. - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.			
Rim: 693.34'				Rim to Invert: 6'		Slack: 0"		Sump: 0"		Step Position:	
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	687.34'	90°	50"	48" RCP B WALL	58"	DOGHOUSE INVRTD 62"x62"	62" x 62"	62"	-5"	0"	
Invert 2	687.34'	180°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"	
Invert 3	687.34'	270°	50"	36" RCP B WALL	44"	Hole 46	46"	46"	-4"	0"	
Invert 4	687.34'	0°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"	
Invert 5											
Invert 6											
Invert 7											
Invert 8											

RIGHT-SIDE UP VIEW (int. dimenions)



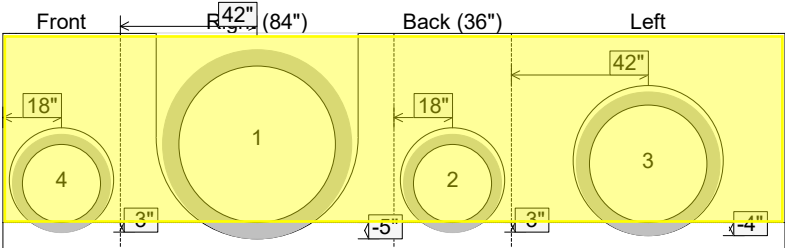
UPSIDE-DOWN VIEW (int. dimenions)

1ST POUR (FLOOR) = 3,490 LBS
2ND POUR (WALLS) = 6,051 LBS



2ND POUR (WALLS)

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 58" Height (Ext): 66"	Weight (Net): 9541 lb Volume (Net): 2.44cu.yd
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