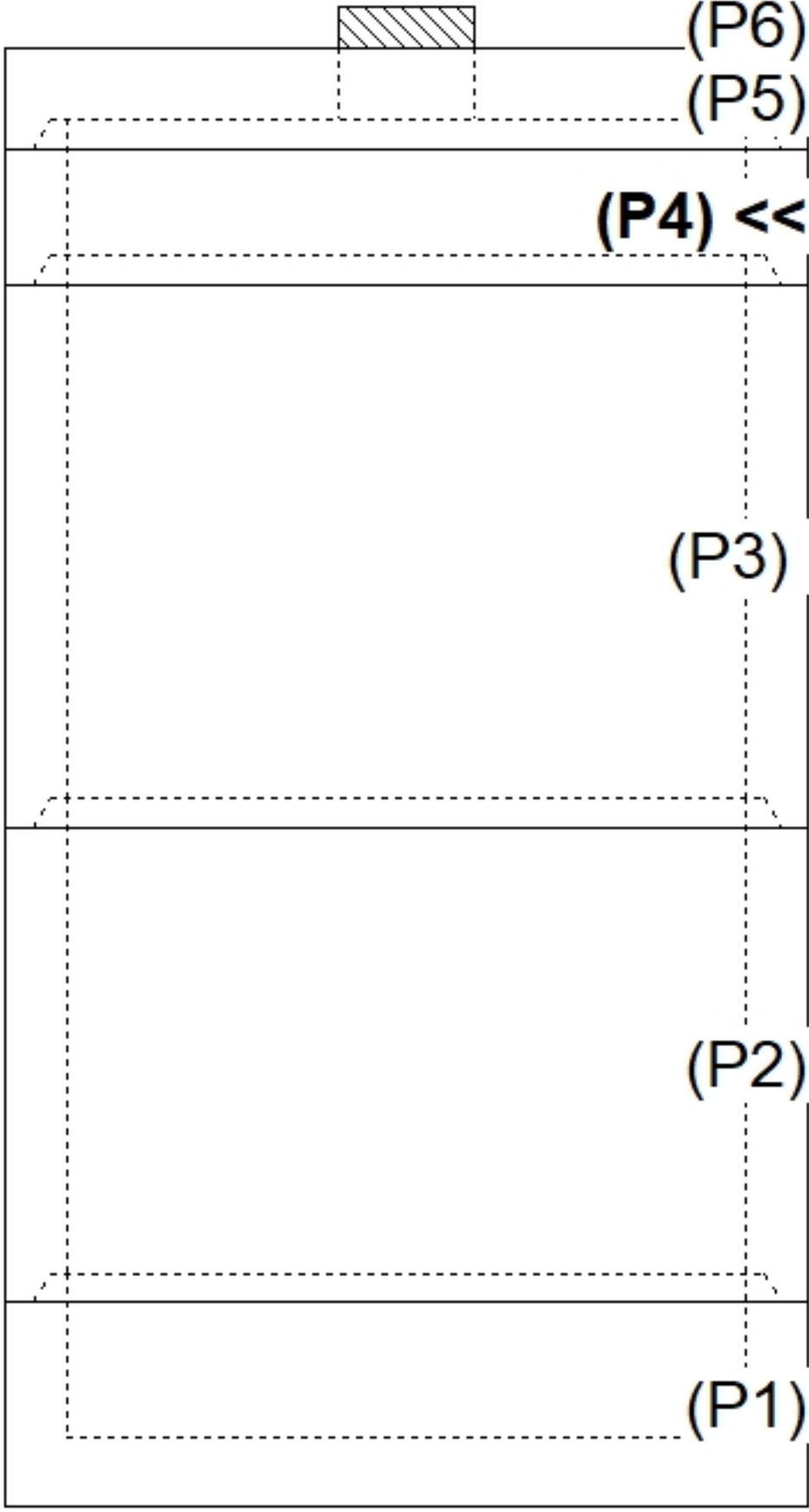
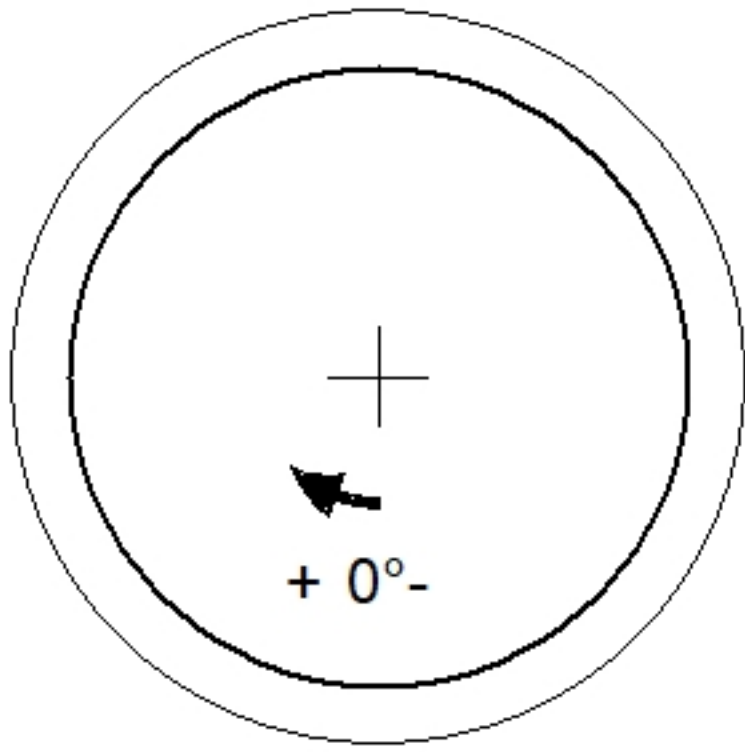
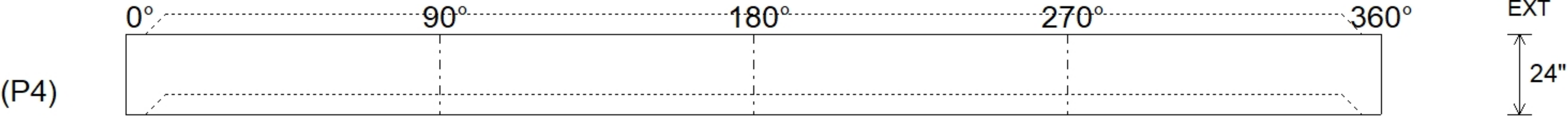


Job Name: 26-3054 ADS Couchville Online Job Location: Nashville, TN Contractor: ADS Advanced Drainage Systems, Inc.					Plant: Beaver Dam 7/23/2026 12:30:36 PM		Tech: S. Felletter PC: T. Ryan						
Structure ID: WQU1													
P4			MH120RS24			MH RISER T/G							
P6) 24" - CASTING HEIGHT - 7" P5) 120" - MH FLAT LID w/24in CON Hole F/G - 18" P4) 120" - MH RISER T/G - 24" P3) 120" - MH RISER T/G - 96" P2) 120" - MH RISER T/G - 84" P1) 120" - MH BASE T/n - 24" 1) ASSEMBLY REQUIRED - BRACKETS ONLY 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) CASTING - HOE MC-375 F/C Storm 4) 120" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) Hole - 34						0 lb 16678 lb 9117 lb 34772 lb 31909 lb 25064 lb 0 lb 0 lb 0 lb 271 lb 0 lb 0 lb 0 lb ----- 117811 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE MC-375 F/C "STORM"). 4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE. 5. ASSEMBLY REQUIRED - BRACKETS ONLY. . REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .36) - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.					
Rim: 545.95' Rim to Invert: 7.64' Slack: 0.68" Sump: 162" Step Position: 0°													
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (┘)	Offset			
Invert 1													
Invert 2													
Invert 3													
Invert 4													
Invert 5													
Invert 6													
Invert 7													
Invert 8													
RIGHT-SIDE UP VIEW (int. dimensions)													
													
			INSIDE WALL DIMENSIONS										
													
Coating (Int): Coating (Ext):				Seam Up: Tongue Seam Dn: Groove		Wall Thickness: 11" Floor Height: 0"		Height (Int): 24" Height (Ext): 24"		Weight (Net): 9117 lb Volume (Net): 2.33cu.yd			

Job Name: 26-3091 907597 Ives Field Rec Enhance
Job Location: Shelby Twp, MI
Contractor: Contech Engineering Solutions

Plant: Beaver Dam

7/20/2026 9:18:10 AM

Tech: S. Felletter

PC: C. Goff



Structure ID: 10-CS-3

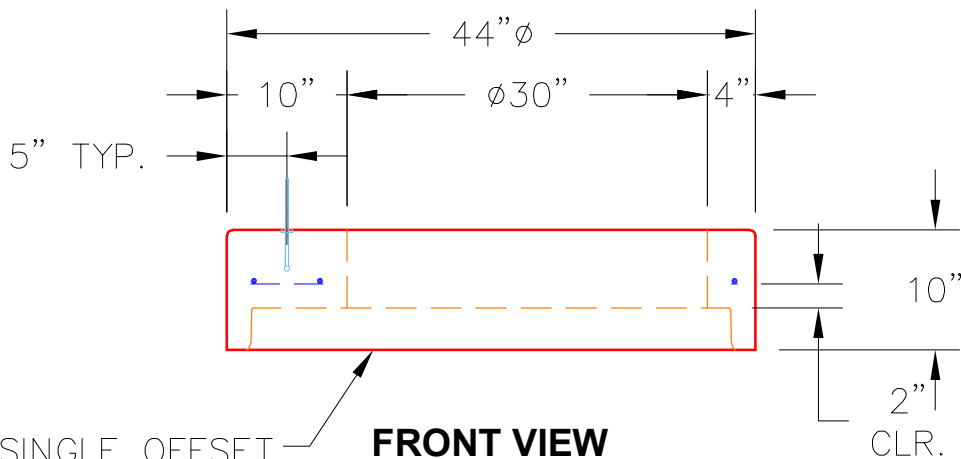
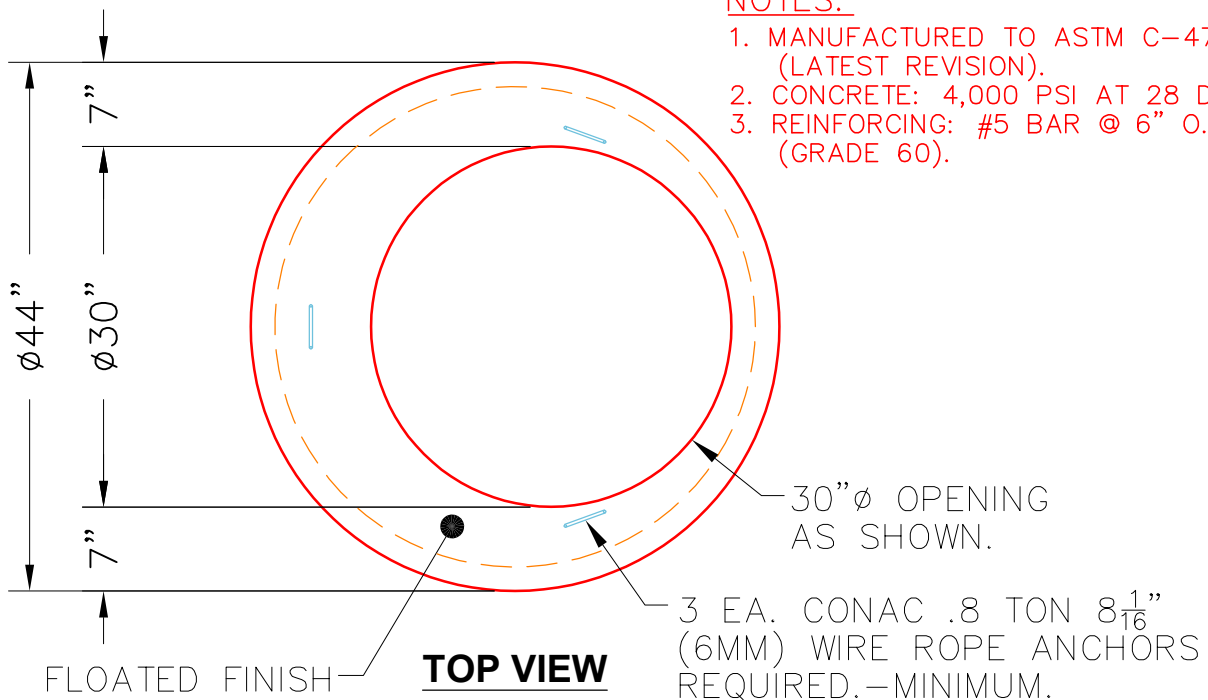
P3 MH036LD10-30ECC

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

- P4) 30" - CASTING HEIGHT - 4"
P3) 36" - MH FLAT LID w/30in ECC Hole F/G - 10"
P2) 36" - MH RISER T/G - 72"
P1) 36" - MH BASE T/n - 12"
1) ASSEMBLY REQUIRED
1) CVSTENCILING
2) 36" - Conseal CS-102 1.00"
2) Hole - 16

0 lb
683 lb
2898 lb
1272 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 4852 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



Coating (Int):
Coating (Ext):

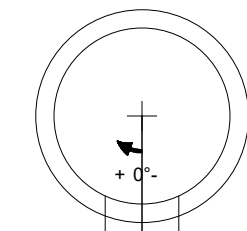
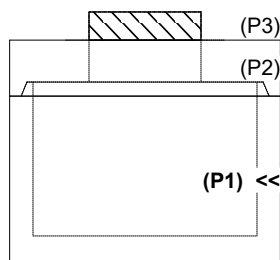
Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 4"

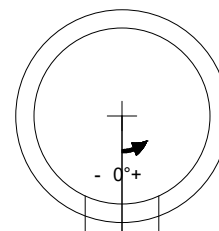
Height (Ext): 10"

Weight (Net): 683 lb
Volume (Net): 0.17cu.yd

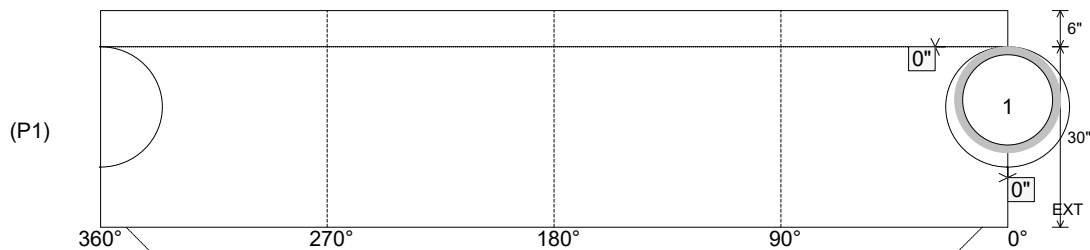
Weight (Net): 4192 lb
Volume (Net): 1.07cu.yd

[illegible]

Invert: 1
Degree: 0°
Horz: 0"
Hole: 20"
Up(_): 0"



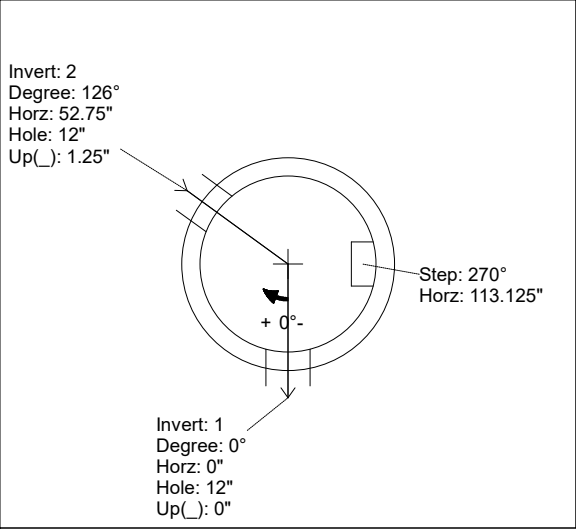
Invert: 1
Degree: 0°
Horz: 0"
Hole: 20"
Up(_): 0"



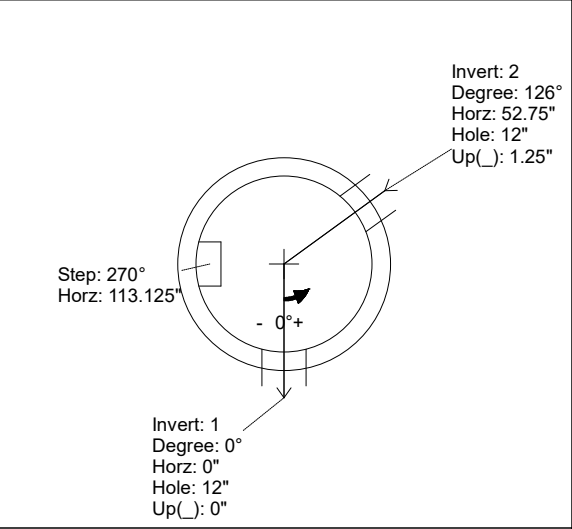
Weight (Net): 3291 lb
Volume (Net): 0.84cu.yd

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100 5/29/2026 3:21:14 PM		Tech: Jared - F PC: J Jarvis				
Structure ID: MH-12											
P1 MH048BA30		MH BASE T/n									
P3) 24" - CASTING HEIGHT - 7" P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12" P1) 48" - MH BASE T/n - 30" 1) Chimney Seal - Cretex Chimney Seal 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-375-WT F/C Sanitary 1) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 12-06 NYLO 2) MH Step ML-10-TDS-NCR - 10" Structure Total: 6628 lb						0 lb 1561 lb 3330 lb 10 lb 1440 lb 0 lb 0 lb 271 lb 0 lb 16 lb 0 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING SUPPLIED BY I-CAST (HOE MC-375-WT F/C SANITARY). 4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB = H20 LOADING. - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.			
Rim: 447.35' Rim to Invert: 3.95' Slack: 1.4" Sump: 3" Step Position: 270°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	443.4'	0°	0"	6" DI	6.875"	PSX 12-06 NYLO	12"	12.129"	0"	0"	
Invert 2	443.5'	126°	63.75"	6" DI	6.875"	PSX 12-06 NYLO	12"	12.129"	1.25"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

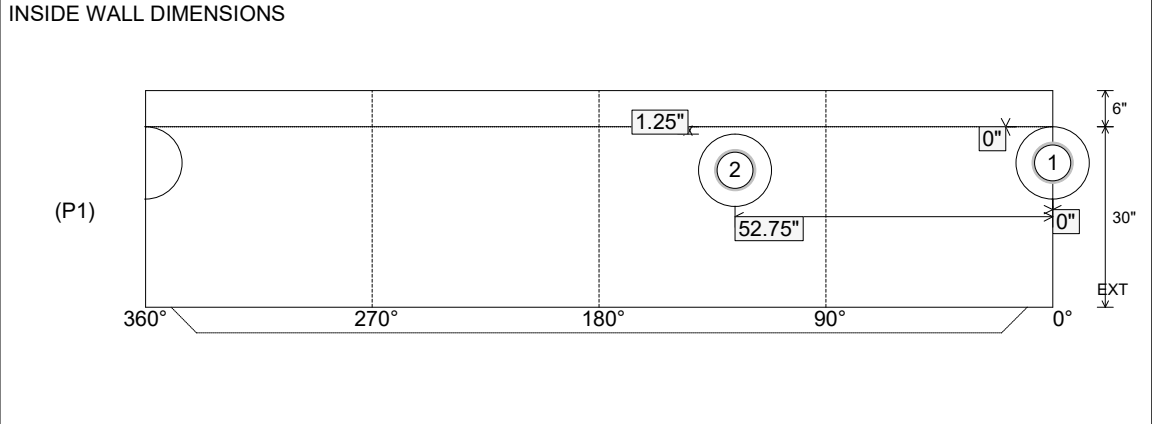
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



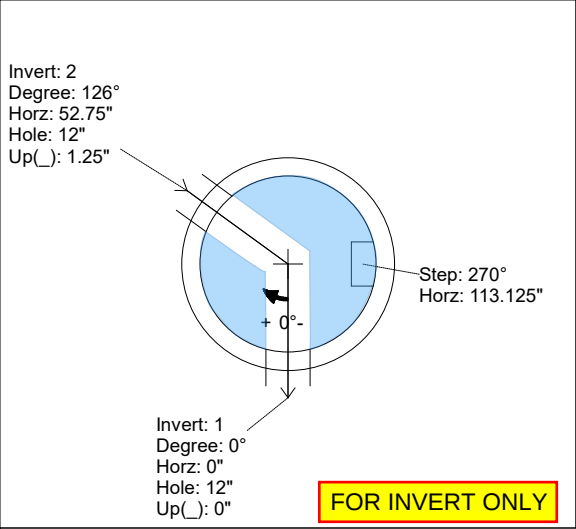
INSIDE WALL DIMENSIONS



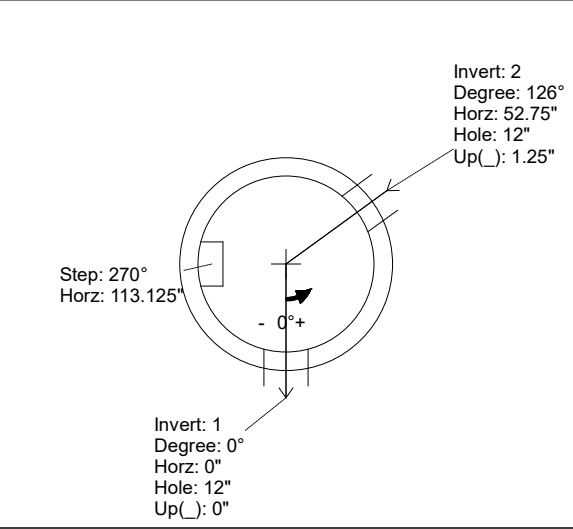
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3330 lb Volume (Net): 0.85cu.yd
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Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100 5/29/2026 3:21:14 PM		Tech: Jared - F PC: J Jarvis						
Structure ID: MH-12													
P1		MH048BA30		MH BASE T/n									
P3) 24" - CASTING HEIGHT - 7" P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12" P1) 48" - MH BASE T/n - 30" 1) Chimney Seal - Cretex Chimney Seal 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-375-WT F/C Sanitary 1) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 12-06 NYLO 2) MH Step ML-10-TDS-NCR - 10"						0 lb 1561 lb 3330 lb 10 lb 1440 lb 0 lb 0 lb 271 lb 0 lb 16 lb 0 lb ----- Structure Total: 6628 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING SUPPLIED BY I-CAST (HOE MC-375-WT F/C SANITARY). 4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB = H20 LOADING. - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.					
Rim: 447.35' Rim to Invert: 3.95' Slack: 1.4" Sump: 3" Step Position: 270°													
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset			
Invert 1	443.4'	0°	0"	6" DI	6.875"	PSX 12-06 NYLO	12"	12.129"	0"	0"			
Invert 2	443.5'	126°	63.75"	6" DI	6.875"	PSX 12-06 NYLO	12"	12.129"	1.25"	0"			
Invert 3													
Invert 4													
Invert 5													
Invert 6													
Invert 7													
Invert 8													

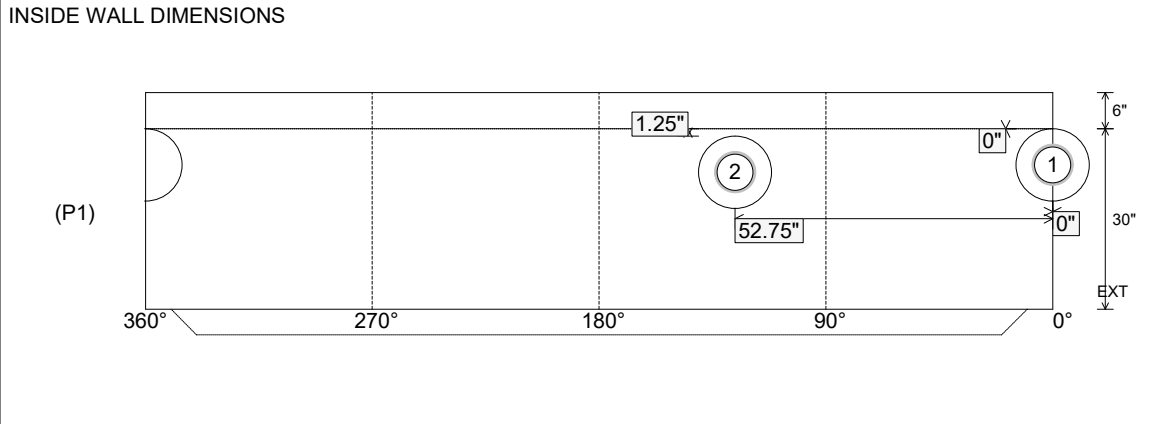
RIGHT-SIDE UP VIEW (int. dimensions)



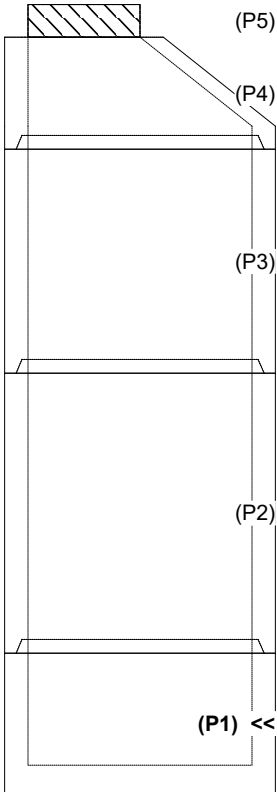
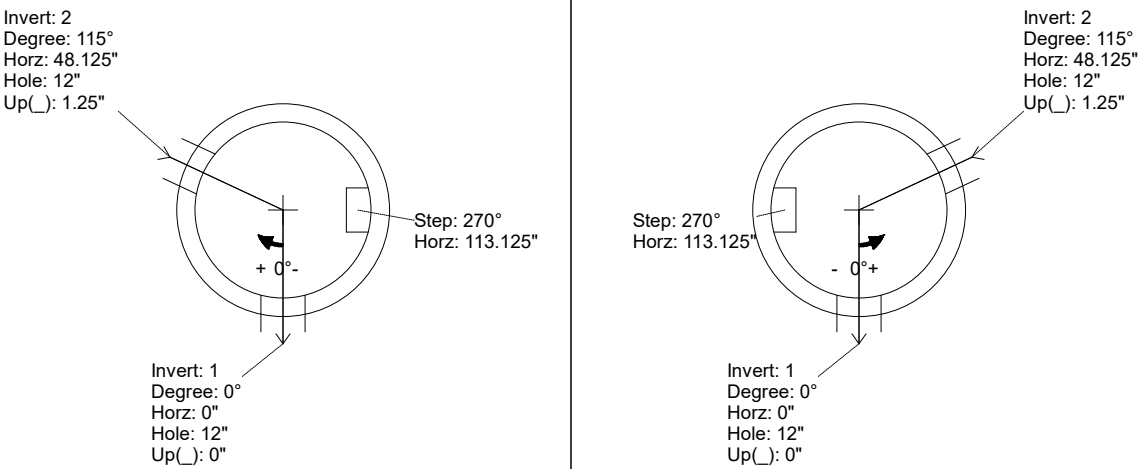
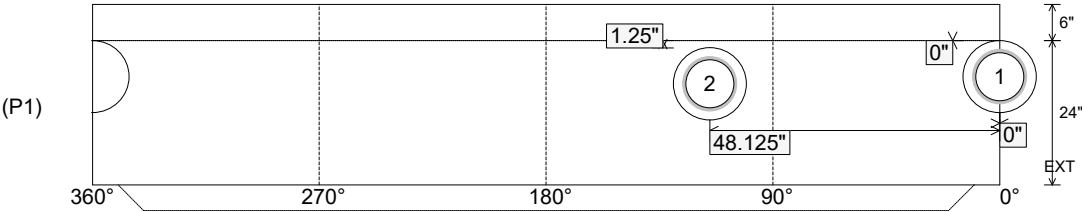
UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3330 lb Volume (Net): 0.85cu.yd
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Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100 5/29/2026 3:21:12 PM		Tech: Jared - F PC: J Jarvis						
Structure ID: MH-9													
P1 MH048BA24		MH BASE T/n											
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC CONE w/ 24" HOLE F/G - 24" P3) 48" - MH RISER T/G - 48" P2) 48" - MH RISER T/G - 60" P1) 48" - MH BASE T/n - 24" 1) Chimney Seal - Cretex Chimney Seal 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-375 F/C Sanitary 3) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 12M NYLO 12) MH Step ML-10-TDS-NCR - 10"						0 lb 1550 lb 3353 lb 4192 lb 2911 lb 10 lb 1440 lb 0 lb 0 lb 271 lb 0 lb 16 lb 0 lb ----- Structure Total: 13743 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING SUPPLIED BY I-CAST (HOE MC-375 F/C SANITARY). 4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST. . 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: 450.5'		Rim to Invert: 13.5'		Slack: 1"		Sump: 2"		Step Position: 270°					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset			
Invert 1	437'	0°	0"	8" DI	9"	PSX 12M NYLO	12"	12.129"	0"	0"			
Invert 2	437.1'	115°	58.25"	8" DI	9"	PSX 12M NYLO	12"	12.129"	1.25"	0"			
Invert 3													
Invert 4													
Invert 5													
Invert 6													
Invert 7													
Invert 8													
RIGHT-SIDE UP VIEW (int. dimensions)  UPSIDE-DOWN VIEW (int. dimensions)  INSIDE WALL DIMENSIONS 													
Coating (Int): Coating (Ext):			Seam Up: Tongue Seam Dn: n/a		Wall Thickness: 5" Floor Height: 6"		Height (Int): 24" Height (Ext): 30"		Weight (Net): 2911 lb Volume (Net): 0.74cu.yd				

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100 5/29/2026 3:21:12 PM		Tech: Jared - F PC: J Jarvis					
Structure ID: MH-9												
P1 MH048BA24			MH BASE T/n									
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC CONE w/ 24" HOLE F/G - 24" P3) 48" - MH RISER T/G - 48" P2) 48" - MH RISER T/G - 60" P1) 48" - MH BASE T/n - 24" 1) Chimney Seal - Cretex Chimney Seal 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-375 F/C Sanitary 3) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 12M NYLO 12) MH Step ML-10-TDS-NCR - 10"						0 lb 1550 lb 3353 lb 4192 lb 2911 lb 10 lb 1440 lb 0 lb 0 lb 271 lb 0 lb 16 lb 0 lb ----- Structure Total: 13743 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING SUPPLIED BY I-CAST (HOE MC-375 F/C SANITARY). 4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST. . 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: 450.5' Rim to Invert: 13.5' Slack: 1" Sump: 2" Step Position: 270°												
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset		
Invert 1	437'	0°	0"	8" DI	9"	PSX 12M NYLO	12"	12.129"	0"	0"		
Invert 2	437.1'	115°	58.25"	8" DI	9"	PSX 12M 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: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100		Tech: Jared - F			
					5/29/2026 3:21:12 PM		PC: J Jarvis			
Structure ID: MH-8										
P1 MH048BA24			MH BASE T/n							
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE F/G - 30" P2) 48" - MH RISER T/G - 36" P1) 48" - MH BASE T/n - 24" 1) Chimney Seal - Cretex Chimney Seal 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-375-WT F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 12M NYLO 7) MH Step ML-10-TDS-NCR - 10"					0 lb 2050 lb 2515 lb 2911 lb 10 lb 1440 lb 0 lb 0 lb 271 lb 0 lb 16 lb 0 lb ----- Structure Total: 9213 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING SUPPLIED BY I-CAST (HOE MC-375-WT F/C SANITARY). 4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST. . 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: 445.33' Rim to Invert: 7.93' Slack: 0.16" Sump: 2" Step Position: 270°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	437.4'	0°	0"	8" DI	9"	PSX 12M NYLO	12"	12.129"	0"	0"
Invert 2	437.5'	131°	66.25"	8" DI	9"	PSX 12M 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)

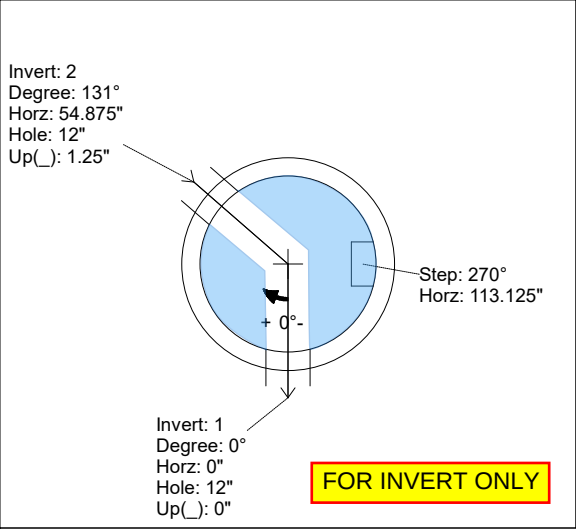
UPSIDE-DOWN VIEW (int. dimensions)

INSIDE WALL DIMENSIONS

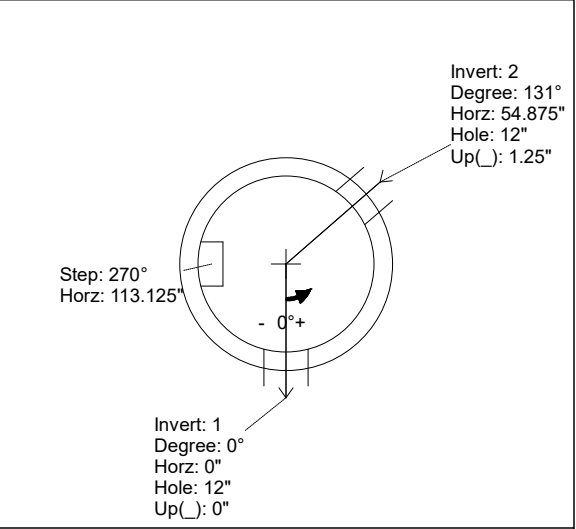
Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 24"	Weight (Net): 2911 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 30"	Volume (Net): 0.74cu.yd

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion Job Location: Shepherdsville, KY Contractor: Pace Contracting, LLC					Plant: 100 5/29/2026 3:21:12 PM		Tech: Jared - F PC: J Jarvis						
Structure ID: MH-8													
P1 MH048BA24		MH BASE T/n											
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE F/G - 30" P2) 48" - MH RISER T/G - 36" P1) 48" - MH BASE T/n - 24" 1) Chimney Seal - Cretex Chimney Seal 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-375-WT F/C Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 12M NYLO 7) MH Step ML-10-TDS-NCR - 10"						0 lb 2050 lb 2515 lb 2911 lb 10 lb 1440 lb 0 lb 0 lb 0 lb 271 lb 0 lb 16 lb 0 lb ----- Structure Total: 9213 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING SUPPLIED BY I-CAST (HOE MC-375-WT F/C SANITARY). 4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST. 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: 445.33'		Rim to Invert: 7.93'		Slack: 0.16"		Sump: 2"		Step Position: 270°					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset			
Invert 1	437.4'	0°	0"	8" DI	9"	PSX 12M NYLO	12"	12.129"	0"	0"			
Invert 2	437.5'	131°	66.25"	8" DI	9"	PSX 12M NYLO	12"	12.129"	1.25"	0"			
Invert 3													
Invert 4													
Invert 5													
Invert 6													
Invert 7													
Invert 8													

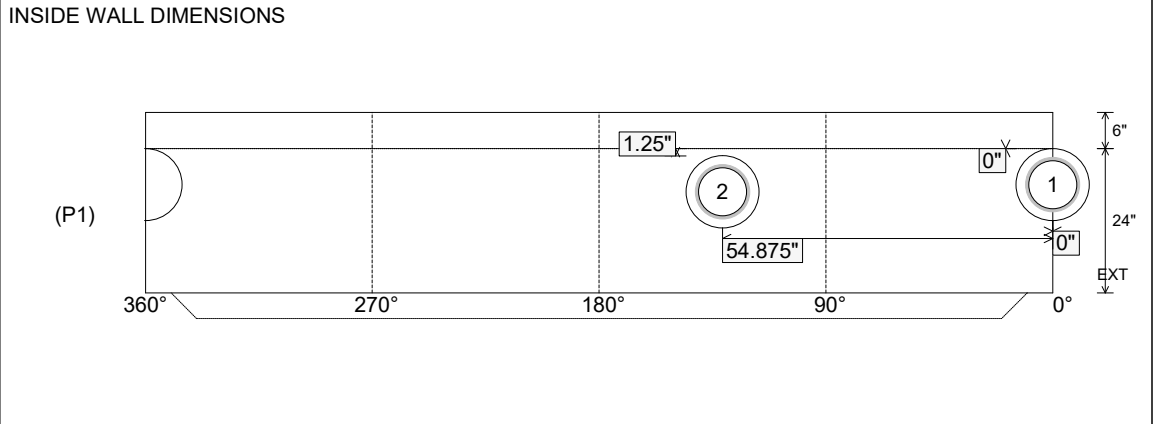
RIGHT-SIDE UP VIEW (int. dimensions)



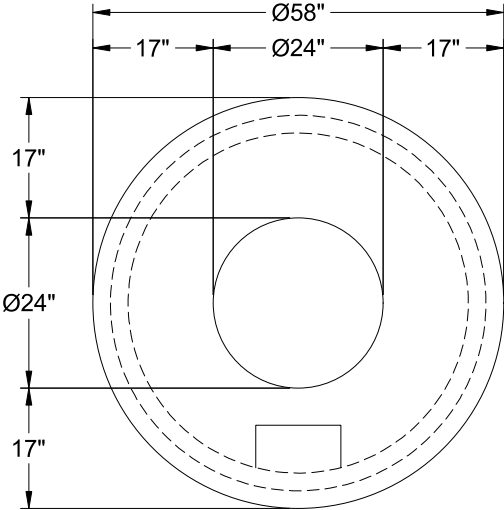
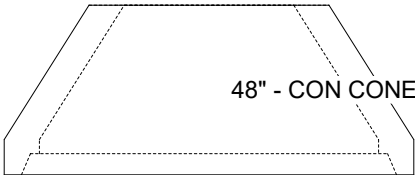
UPSIDE-DOWN VIEW (int. dimensions)



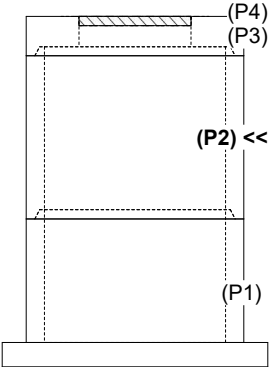
INSIDE WALL DIMENSIONS



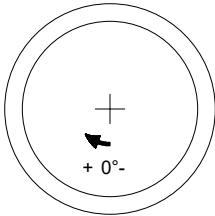
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2911 lb Volume (Net): 0.74cu.yd
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Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting		Plant: 100 3/27/2026 11:40:59 AM	Tech: J. Horsley - A PC: Celina Goff	
Structure ID: 2301567				
P4 MH048CCN24		CON CONE w/24" HOLE F/G		
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 24" P3) 48" - MH RISER T/G - 36" P2) 60" - MH Transition Slab 48" Hole T/G - 15" P1) 60" - MH BASE Custom Ht T/n - 65" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1235 10) MH Step ML-10-TDS-NCR - 10"		0 lb 2252 lb 2515 lb 2204 lb 8164 lb 2692 lb 0 lb 0 lb 2 lb 0 lb ----- 17829 lb Structure Total:	<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. 7" CASTING SUPPLIED BY OTHERS	
				
 48" - CON CONE w/24" HOLE F/G - 24" - (P4)				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 24"	Weight (Net): 2252 lb Volume (Net): 0.57cu.yd

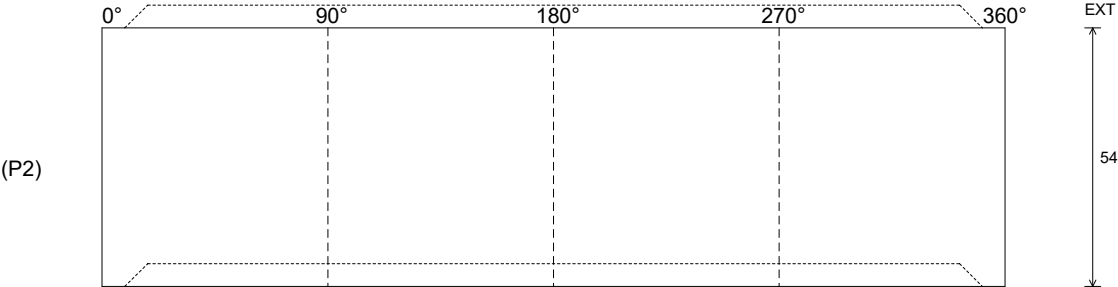
Job Name: 26-1394 - TMMI Ryder Lift Station Job Location: Princeton, IN Contractor: Koberstein Contracting, Inc.					Plant: 100 7/16/2026 2:28:41 PM		Tech: Jared - A PC: A. Chambers				
Structure ID: 5 MV (2)											
P2 MH060RS54			MH RISER T/G								
P4) 37" x 36" - HATCH (CAST FLUSH) - 3" P3) 60" - MH FLAT TOP w/37"x36" Hatch F/G - 13" P2) 60" - MH RISER T/G - 54" P1) 60" - MH BASE w/FLANGE (08F/08EF) T/n - 41" 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) This Structure Includes a Cast-in Item - 37" x 36" Hatch (Supplied by Others) 1) SECONDARY POUR - Extended Base Flange 2) 60" - Conseal CS-102 1.00" (Double) 3) PSX - 8QRS-S NYLO						0 lb 2305 lb 5637 lb 8287 lb 0 lb 0 lb 0 lb 0 lb 0 lb 20 lb ----- Structure Total: 16249 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. NO STEPS 5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AT 0°, 90°, 180°, & 270°, MIN. 18" FROM TOP OF WALLS			
Rim: 464.81' Rim to Invert: 8.76' Slack: 0.48" Sump: 3.36" 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: 6" Floor Height: 0"	Height (Int): 54" Height (Ext): 54"	Weight (Net): 5637 lb Volume (Net): 1.44cu.yd
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Job Name: 25-3241P2 - Buck Hills Subdivision
Job Location: Lawrenceburg, KY 40342
Contractor: Edmonson Plumbing & Heating Supply

Plant: 100

7/24/2026 12:44:48 PM

Tech: Jared - A

PC: C. Goff



Structure ID: MH 1

P2 MH060LD13

MH FLAT TOP w/ 24" ECC Hole

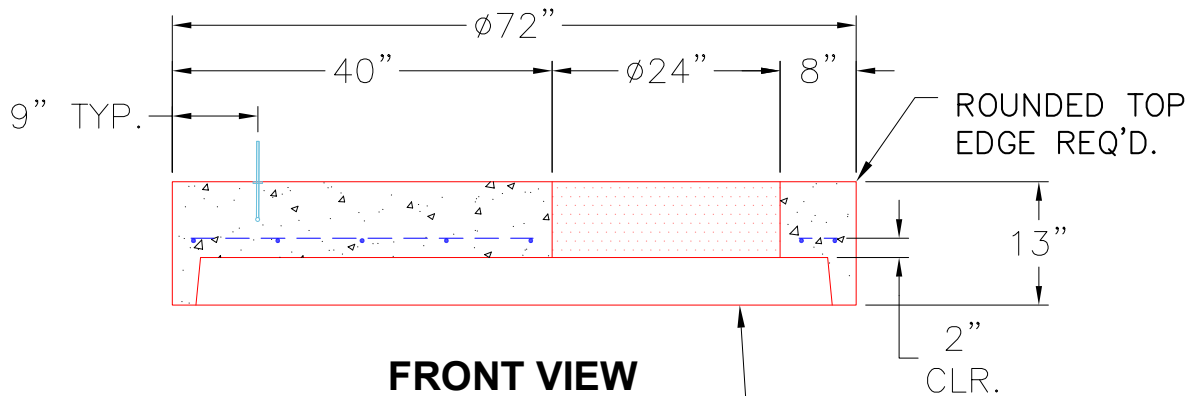
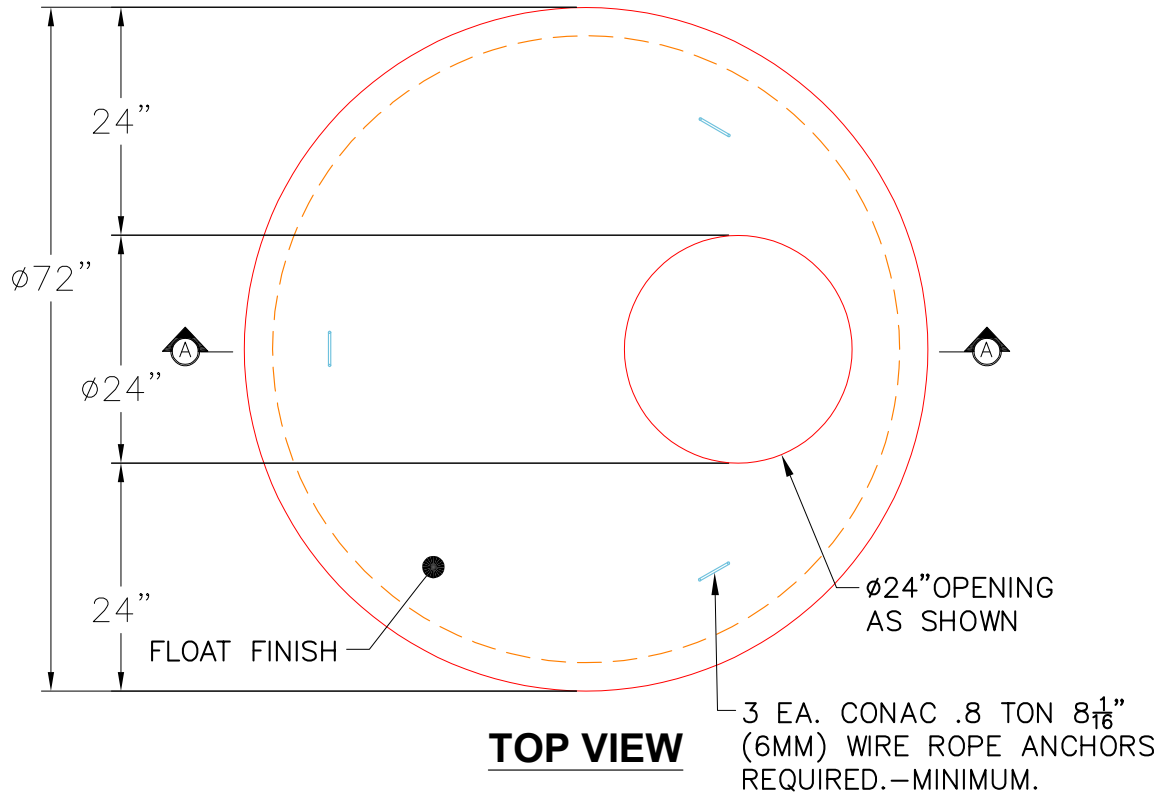
P3) 24" - CASTING HEIGHT - 7"
P2) 60" - MH FLAT TOP w/ 24" ECC Hole - 13"
P1) 60" - MH BASE - 60"
1) CASTING - HOE MC-420 F/C Storm
1) 60" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
2) Hole - 40

Structure Total:

0 lb
2869 lb
7633 lb
340 lb
0 lb
0 lb
0 lb
10842 lb

Structure Notes:

1. HOE MC-420 F/C STORM PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. 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.



NOTES:

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

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

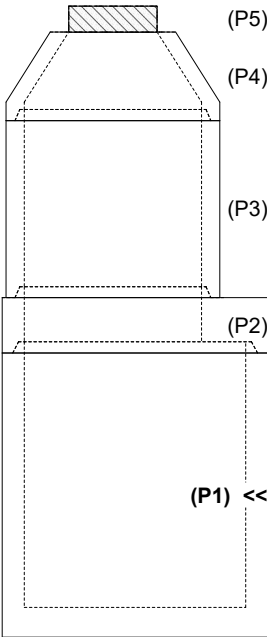
Wall Thickness: 6"

Height (Ext): 13"

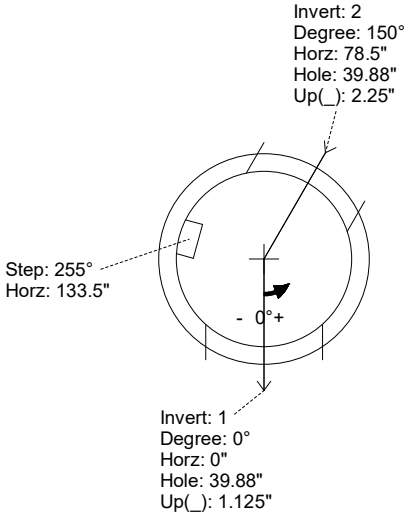
Weight (Net): 2869 lb
Volume (Net): 0.73cu.yd

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting					Plant: 100 3/20/2026 1:21:37 PM		Tech: J. Horsley - A PC: Celina Goff				
Structure ID: 2301554											
P1 MH060BAVF		MH BASE Custom Ht T/n									
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 24" P3) 48" - MH RISER T/G - 48" P2) 60" - MH Transition Slab 48" Hole T/G - 15" P1) 60" - MH BASE Custom Ht T/n - 69" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1235 12) MH Step ML-10-TDS-NCR - 10"					0 lb 2252 lb 3353 lb 2204 lb 8582 lb 2692 lb 0 lb 0 lb 2 lb 0 lb ----- 19085 lb Structure Total:		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - DOUBLE MAT - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. STEPS AT 255 DEGREES 6. 7" CASTING SUPPLIED BY OTHERS				
Rim: 752.75' Rim to Invert: 13.51' Slack: 2.12" Sump: 3" Step Position: 255°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	739.24'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"	
Invert 2	739.34'	150°	94.25"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

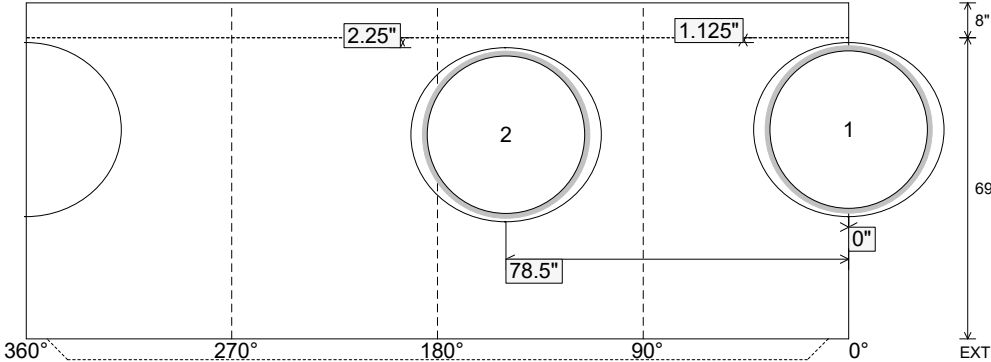
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



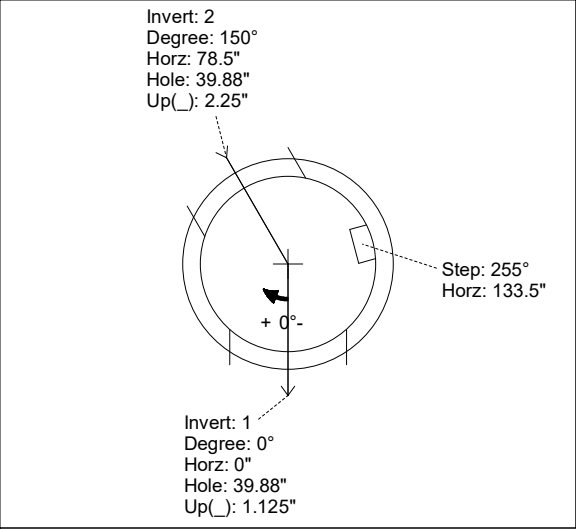
INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 69" Height (Ext): 77"	Weight (Net): 8582 lb Volume (Net): 2.19cu.yd
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Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting				Plant: 100 3/20/2026 1:21:37 PM		Tech: J. Horsley - A PC: Celina Goff				
Structure ID: 2301554										
P1 MH060BAVF				MH BASE Custom Ht T/n						
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 24" P3) 48" - MH RISER T/G - 48" P2) 60" - MH Transition Slab 48" Hole T/G - 15" P1) 60" - MH BASE Custom Ht T/n - 69" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1235 12) MH Step ML-10-TDS-NCR - 10"				0 lb 2252 lb 3353 lb 2204 lb 8582 lb 2692 lb 0 lb 0 lb 2 lb 0 lb ----- 19085 lb Structure Total:		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - DOUBLE MAT - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. STEPS AT 255 DEGREES 6. 7" CASTING SUPPLIED BY OTHERS				
Rim: 752.75' Rim to Invert: 13.51' Slack: 2.12" Sump: 3" Step Position: 255°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	739.24'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"
Invert 2	739.34'	150°	94.25"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

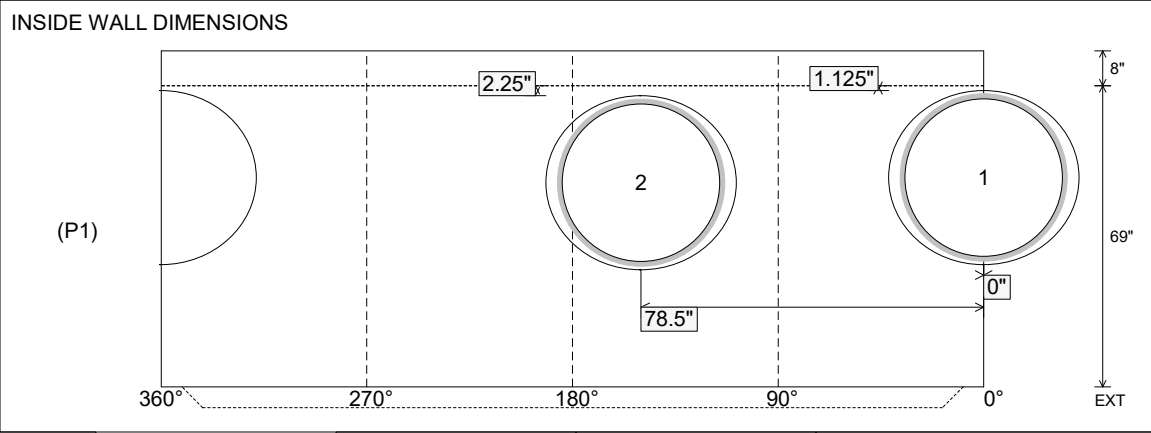
RIGHT-SIDE UP VIEW (int. dimensions)



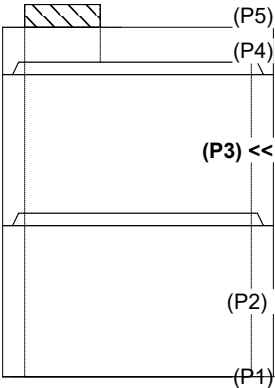
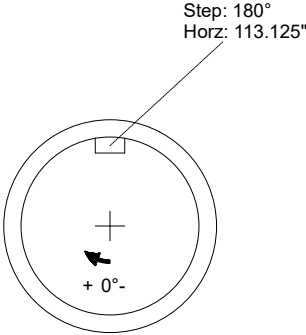
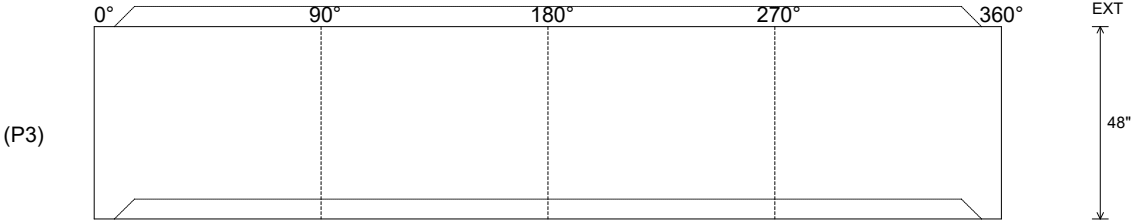
UPSIDE-DOWN VIEW (int. dimensions)

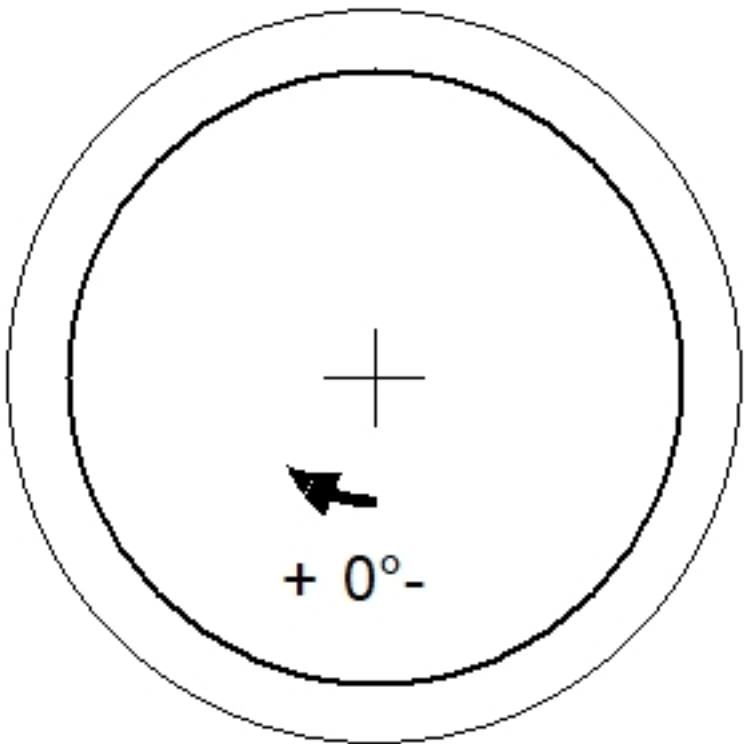
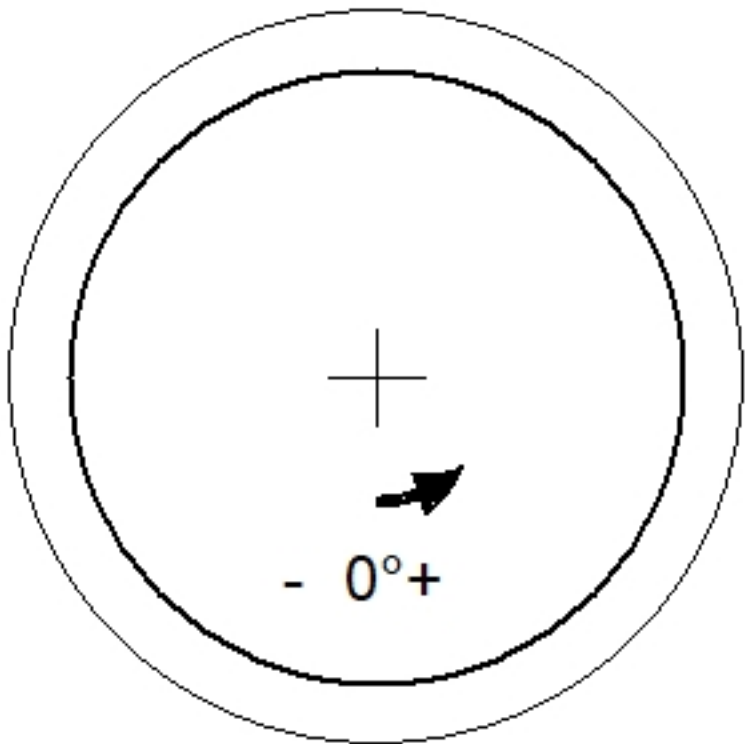
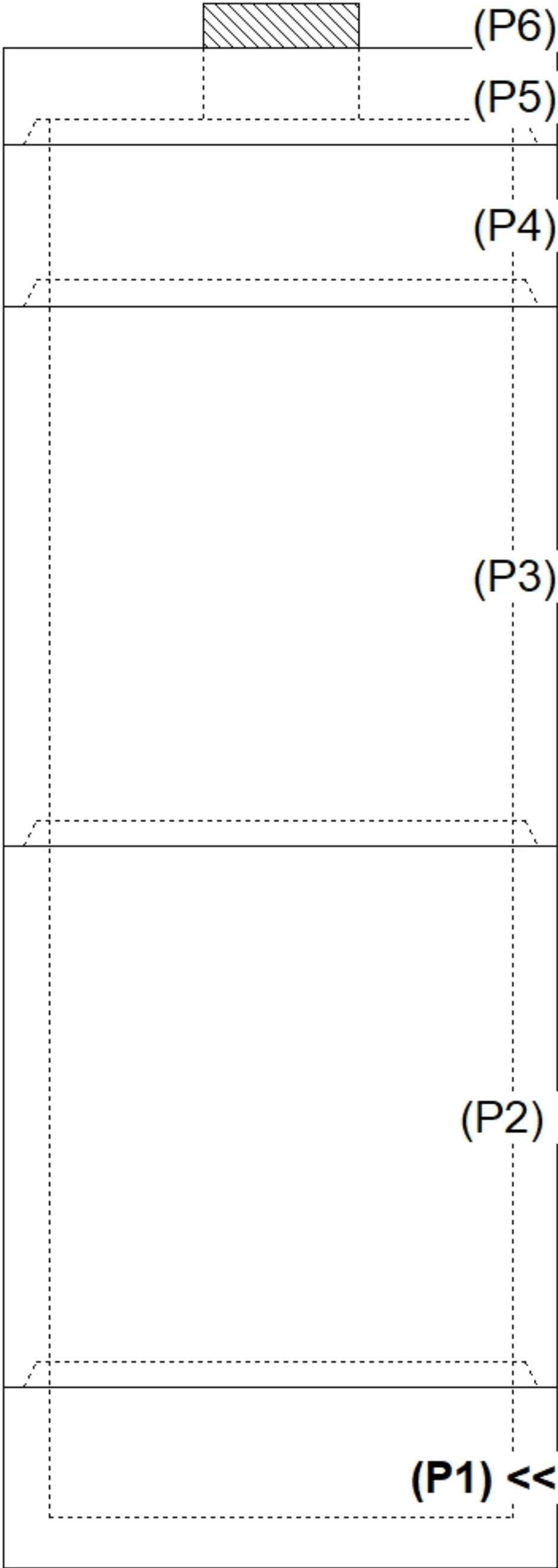
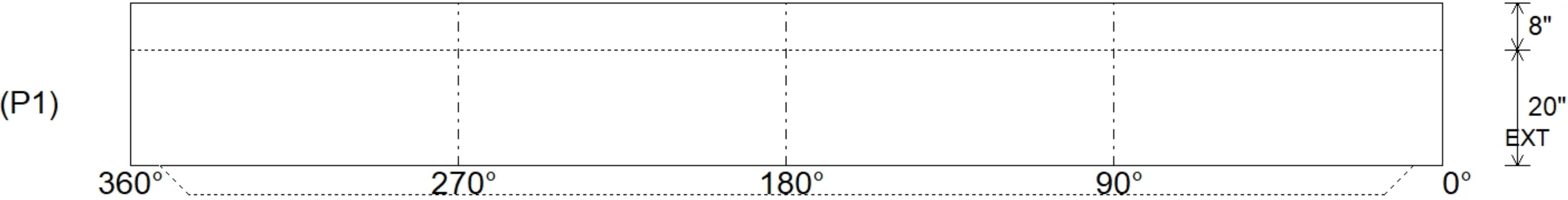
INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 69" Height (Ext): 77"	Weight (Net): 8582 lb Volume (Net): 2.19cu.yd
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Job Name: 26-1466 - Lower Mill Creek HWDW Protection Job Location: Cincinnati, OH Contractor: Sunesis Construction					Plant: 100 7/22/2026 12:40:08 PM		Tech: Jared - F PC: E. Bradley				
Structure ID: CS0 422 RISER											
P3 MH072RS48			MH RISER T/G								
P5) 24" - CASTING HEIGHT - 7.25" P4) 72" - MH FLAT LID w/24in ECC Hole F/G - 15" P3) 72" - MH RISER T/G - 48" P2) 72" - MH RISER T/F - 48" P1) 72" - P.I.P. BY OTHERS - BTM SLAB F/n - 0" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) Hole - 0						0 lb 5098 lb 6997 lb 6997 lb 0 lb 0 lb 0 lb 0 lb 0 lb 19093 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO INVERT CHANNEL. 4. CASTING SUPPLIED BY OTHERS. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .12) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.			
Rim: 501.5' Rim to Invert: 10' Slack: 1.75" Sump: 0" Step Position: 180°											
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: 7" Floor Height: 0"		Height (Int): 48" Height (Ext): 48"		Weight (Net): 6997 lb Volume (Net): 1.79cu.yd		

Job Name: 26-3054 ADS Couchville Online Job Location: Nashville, TN Contractor: ADS Advanced Drainage Systems, Inc.					Plant: Beaver Dam 7/23/2026 12:29:28 PM		Tech: S. Felletter PC: T. Ryan						
Structure ID: WQU3													
P1		MH072BAVF		MH BASE Custom Ht T/n									
P6) 24" - CASTING HEIGHT - 7" P5) 72" - MH FLAT LID w/24" CC Hole F/G - 15" P4) 72" - MH RISER Custom Ht T/G - 25" P3) 72" - MH RISER T/G - 84" P2) 72" - MH RISER SPECIAL T/G - 84" P1) 72" - MH BASE Custom Ht T/n - 20" 1) ASSEMBLY REQUIRED 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) CASTING - HOE MC-375 F/C Storm 4) 72" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 2) Hole - 26						0 lb 5097 lb 3645 lb 12246 lb 11610 lb 6815 lb 0 lb 0 lb 0 lb 271 lb 0 lb 0 lb 0 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE MC-375 F/C "STORM"). 4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE. . REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .18) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.					
Rim: 561.01' Rim to Invert: 12.87' Slack: 0.44" Sump: 81" Step Position: 0°						Structure Total: 39683 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)  UPSIDE-DOWN VIEW (int. dimenions)   INSIDE WALL DIMENSIONS 													
Coating (Int): Coating (Ext):			Seam Up: Tongue Seam Dn: n/a		Wall Thickness: 7" Floor Height: 8"		Height (Int): 20" Height (Ext): 28"		Weight (Net): 6815 lb Volume (Net): 1.74cu.yd				

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

Plant: 100

6/2/2026 7:33:02 PM

Tech: Jared - F

PC: J Jarvis



Structure ID: SCUM W.W.

P5 MH072LD15S

MH FLAT TOP w/30"x60" Hatch F/G

- P6) 30" x 60" - CASTING HEIGHT - 0"
P5) 72" - MH FLAT TOP w/30"x60" Hatch F/G - 15"
P4) 72" - MH RISER Custom Ht T/G - 62"
P3) 72" - MH RISER T/G - 84"
P2) 72" - MH RISER T/G - 84"
P1) 72" - MH BASE EF Cust. Ht. 12"F (8"EF =102"OD) T/n - 72"
1) JOINT WRAP - 12" WD x 084" MH MAC WRAP
1) HATCH (Alum.) - HALLIDAY W1S 30"x60"
4) 72" - Conseal CS-231 1.00" (Double)
2) Z-Lok - C107-6
1) PSX - 8QRS-S NYLO
1) PSX - 12M NYLO
2) PSX - 12-06 NYLO

0 lb
4044 lb
8896 lb
12112 lb
12179 lb
18724 lb
0 lb
102 lb
0 lb
2 lb
6 lb
8 lb
16 lb

Structure Total: 56090 lb

Structure Notes:

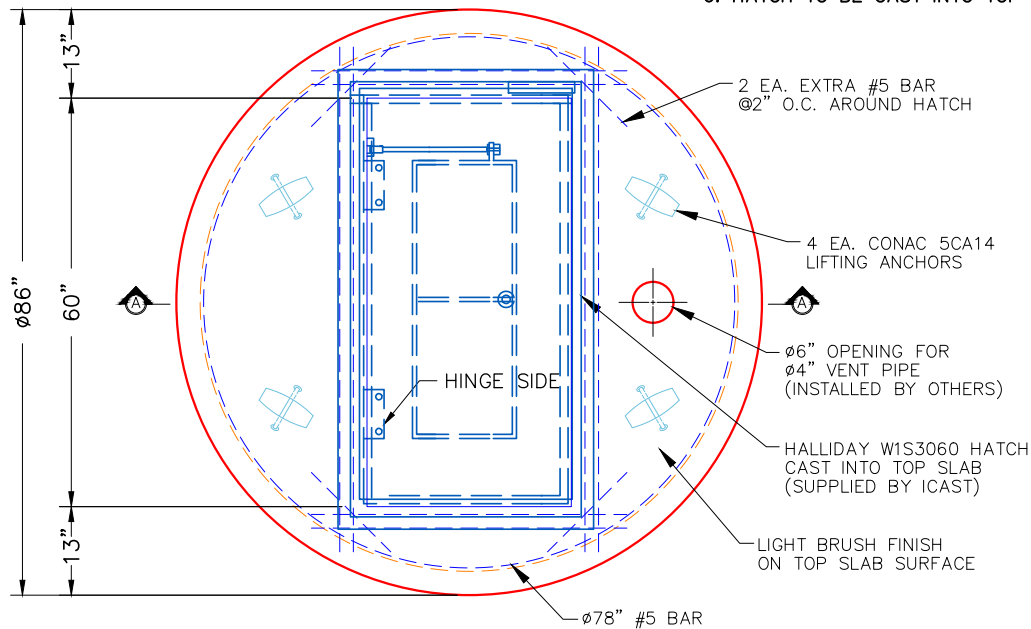
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. HATCH SUPPLIED BY I-CAST (HALLIDAY W1S 30"x60").

REINFORCING PER ASTM A615 (GRADE 60).

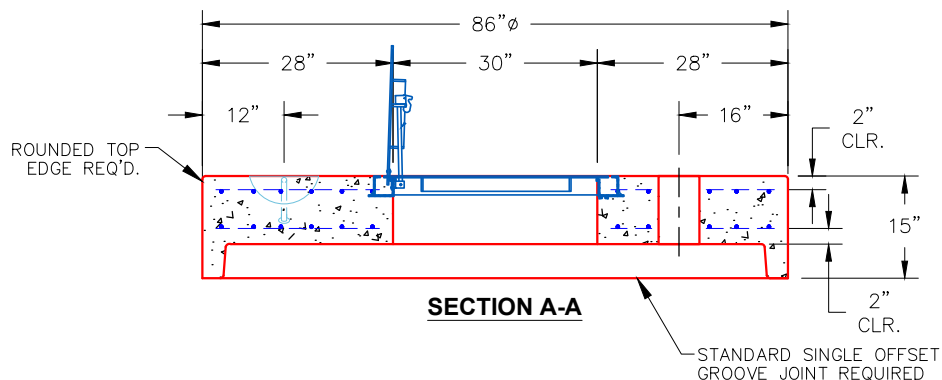
- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. (DOUBLE MAT)
- RISER/WALLS (As .12)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W. (DOUBLE MAT)

NOTES:

1. PER ASTM C-478 LATEST REVISION
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCEMENT:
TOP LAYER - #5 BAR @ 6" C.C.E.W.
BTM LAYER - #5 BAR @ 6" C.C.E.W.
PER ASTM A615 (GRADE 60).
4. JOINT SEALANT - 1" CS-231-DOUBLE
5. HATCH: W1S 30"x60" HATCH IS PROVIDED BY ICAST.
6. HATCH TO BE CAST INTO TOP SLAB.



PLAN VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 7"

Height (Ext): 15"

Weight (Net): 4044 lb
Volume (Net): 1.03cu.yd

Job Name: 26-1466 - Lower Mill Creek HWDW Protection
Job Location: Cincinnati, OH
Contractor: Sunesis Construction

Plant: 100

7/23/2026 10:26:32 AM

Tech: Jared - F
PC: E. Bradley



Structure ID: 210-16 ST-MH

P2 MH084TS17-48ECC

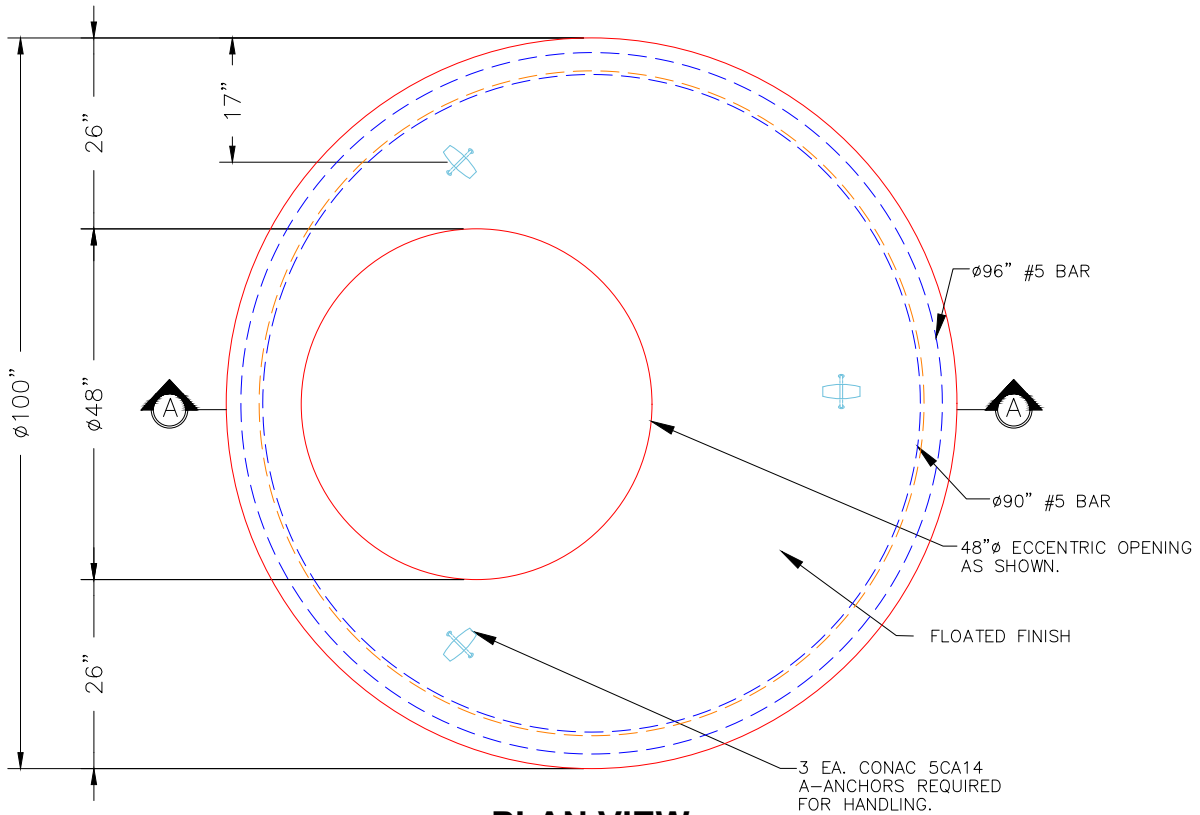
MH Trans. Slab - 48" Hole ECC T/G

P6) 24" - CASTING HEIGHT - 7.25"
P5) 48" - CON CONE w/24" HOLE F/G - 36"
P4) 48" - MH RISER T/G - 72"
P3) 48" - MH RISER T/G - 72"
P2) 84" - MH Trans. Slab - 48" Hole ECC T/G - 17"
P1) 84" - MH BASE Custom Ht T/n - 82"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL - FULL HEIGHT
1) 84" - Hamilton Kent MH Gasket
3) 48" - Hamilton Kent MH Gasket
2) Hole - 62
18) MH Step ML-10-TDS-NCR - 10"

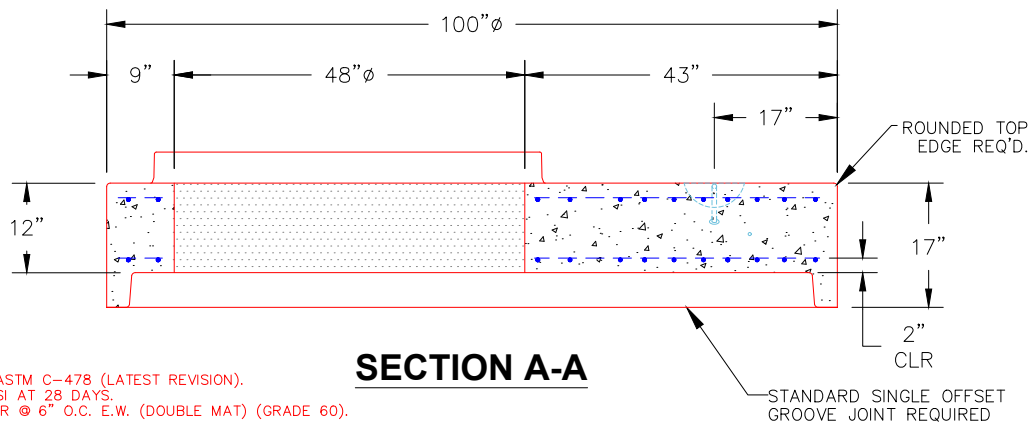
0 lb
2252 lb
5030 lb
5030 lb
5869 lb
16716 lb
0 lb
0 lb
0 lb
1440 lb
0 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 36337 lb

Structure Notes:
1. PER CINCINNATI MSD / ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING SUPPLIED BY OTHERS.

REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB = H20 LOADING
- RISER/WALLS (As .18)
- TRANS SLAB #5 BARS AT 6" C.C.E.W. (DBL MAT)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.



PLAN VIEW



SECTION A-A

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. (DOUBLE MAT) (GRADE 60).

Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 8"

Height (Ext): 17"

Weight (Net): 5869 lb
Volume (Net): 1.5cu.yd

Job Name: 25-3187 - Carter Caves WTP Upgrades Ph 3
Job Location: Olive Hill, KY
Contractor: Walker Principles

Plant: 100

7/6/2026 11:03:34 AM

Tech: J. Horsley

PC: E. Bradley



Structure ID: RAS/WAS WW

P4 MH096RSVF

MH RISER Custom Ht

P5) 96" - MH FLAT TOP w/36"x54" Hatch - 17"

P4) 96" - MH RISER Custom Ht - 88"

P3) 96" - MH RISER - 96"

P2) 96" - MH RISER - 96"

P1) 96" - MH SEPARATE BASE-T EXT. 14" (142" OD) - 12"

4) JOINT WRAP - 12" WD x 0.96" MAC WRAP

1) HATCH (Alum.) - HALLIDAY W1S 36"x54"

4) 96" - Con Seal CS-231 1.00" (Double)

1) A-Lok - 0150

2) Quik-Lok - QL-04-C

5) A-Lok - 0225

8969 lb

21734 lb

23881 lb

23881 lb

19580 lb

0 lb

107 lb

0 lb

1 lb

2 lb

5 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,500 PSI AT 28 DAYS.

3. NO STEPS / NO INVERT CHANNEL.

4. HATCH BY ICAST (HALLIDAY W1S 36"x54")

REINFORCING PER ASTM A615 (GRADE 60).

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

- RISER/WALLS (As .24)

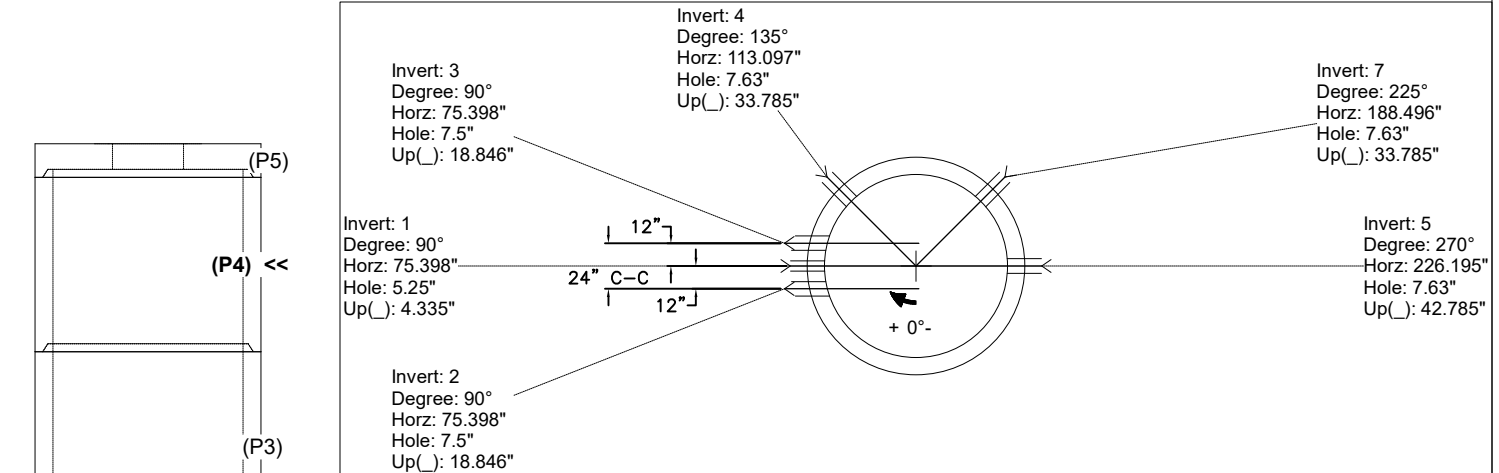
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Structure Total: 98160 lb

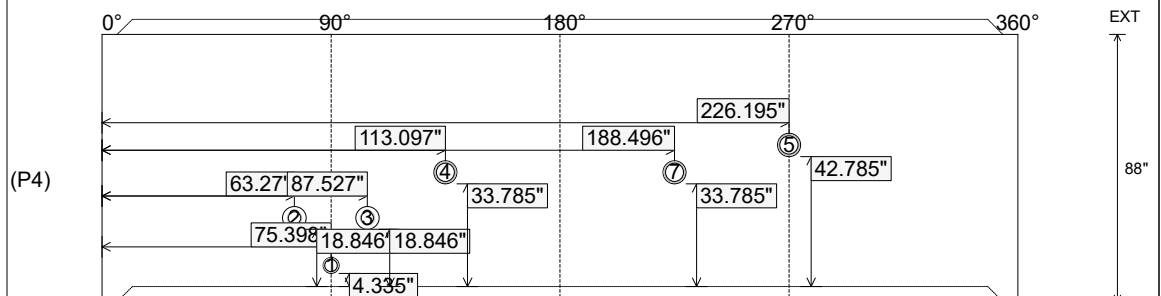
Rim: 890.5' Rim to Invert: 18.4' Slack: 0.6" Sump: 76.8" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	882.53'	90°	89.535"	4" DI	4.75"	A-Lok 0150	5.25"	5.253"	4.335"	0"
Invert 2	883.833'	90°	77.445"	4" DI	4.75"	Quik-Lok QL-04-C	7.5"	7.756"	18.846"	-12"
Invert 3	883.833'	90°	101.626"	4" DI	4.75"	Quik-Lok QL-04-C	7.5"	7.756"	18.846"	12"
Invert 4	885'	135°	134.303"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	33.785"	0"
Invert 5	885.75'	270°	268.606"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	42.785"	0"
Invert 6										
Invert 7	885'	225°	223.838"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	33.785"	0"
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): 88"
Height (Ext): 88"

Weight (Net): 21734 lb
Volume (Net): 5.55cu.yd

Job Name: 26-2254 - Wilder Box Culvert
Job Location: Wilder, KY
Contractor: Eaton Asphalt

Plant: 100
7/6/2026 1:23:14 PM

Tech: Jared - A
PC: E. Bradley

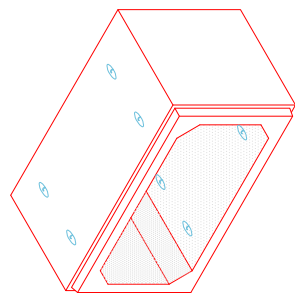
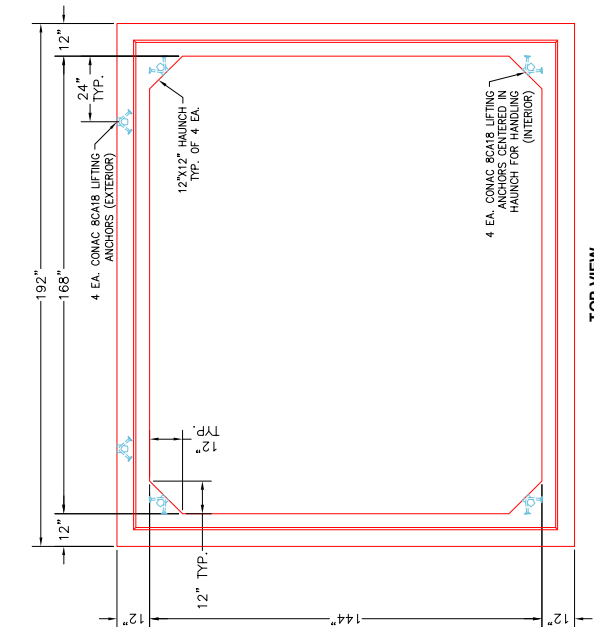


Structure ID: Box Culvert

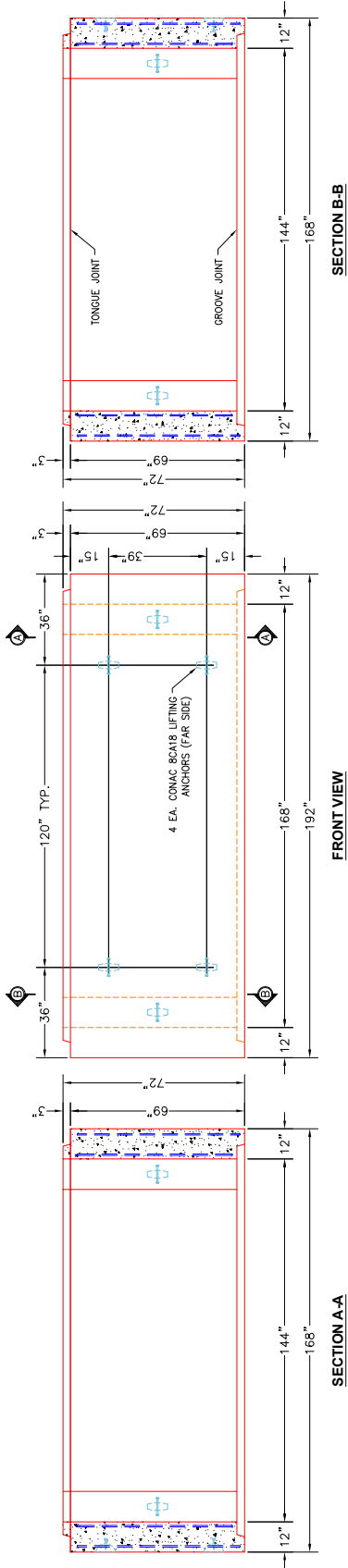
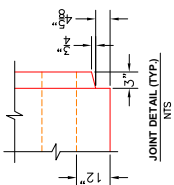
P8 BC168144-12W12T12F-12H

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

- NOTES:
- 1. BOX CULVERT IS DESIGNED PER ATTACHED PE STAMPED DRAWINGS & CALCULATIONS.
 - 2. LOAD REQUIREMENTS PER KY-HL93 (KY TABLE 1)
 - 3. COVER DEPTH = 15' - 0"
 - 4. CONCRETE: 5,000 PSI AT 28 DAYS.
 - 5. REINFORCING: AS SHOWN BY MATT CHILDS ENGINEERING.
 - 6. BOX CULVERT TO BE SEALED WITH CS-102 ROLL BUTYL MASTIC & CS-212 12" WRAP. (SUPPLIED BY ICAST).
 - 7. WEIGHT: 48,363 LBS.

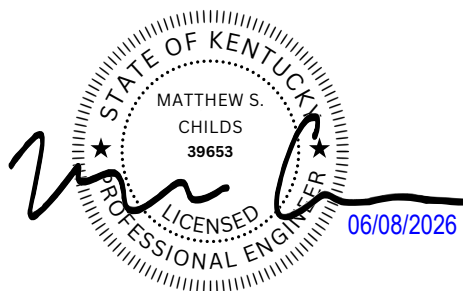


COMPONENT ISOMETRIC VIEW



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 12" Floor Height: 0"	Height (Int): 69" Height (Ext): 69"	Weight (Net): 48363 lb Volume (Net): 12.35cu.yd
----------------------------------	------------------------------------	---	--	--

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



MATT CHILDS ENGINEERING, PLLC

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

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

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

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

Physical Dimensions

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

Material Properties

Concrete	
Strength, f _c :	5.000 ksi
Density:	0.150 kcf
Elasticity, E _c :	3834 ksi
Type:	Normal wt
Steel	
Yield, f _y :	65 ksi
Allow Stress:	39 ksi
Elasticity, E _s :	29000 ksi
Soil	
Density:	0.120 kcf
Exposure Factor	
Class 2 Exposure	
Reinforcement Covers	
Ext. Cover Top Slab:	1"
Ext. Cover Bottom Slab	1"
Ext. Cover Walls	1"
Int. Cover Walls	1"
Int. Cover Top Slab	1"
Int. Cover Bottom Slab	1"

Controlling Ratings

Inventory Rating: 5.85
Operating Rating: 7.59

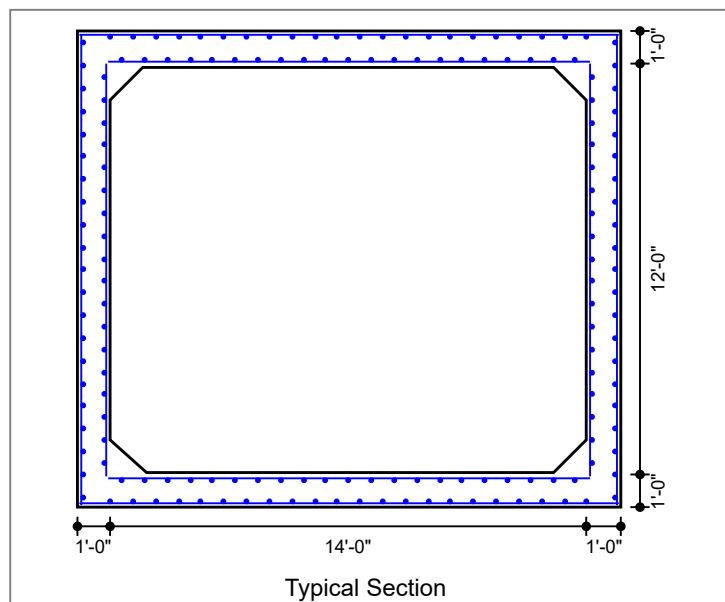
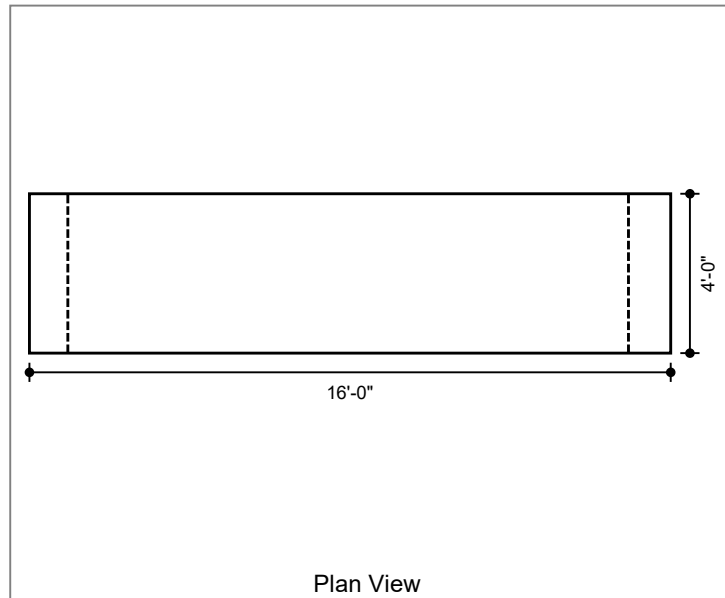
Loads

Live Load	
Vehicle Names:	HL-93
Traffic Direction:	Parallel
Eq. Height of Soil:	2.00 ft (Calc'd)
Dead Load	
Future Wearing Surface:	0.000 klf
Additional Dead Load:	0.000 klf
Concentrated Loads:	none

Lateral Soil Loads

Eq. Fluid Press. Max:	60.00 pcf
Eq. Fluid Press. Min:	30.00 pcf

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



MATT CHILDS ENGINEERING, PLLC

Sht ____ of ____

By:MBJ

Ck: _____

6/5/2026 4:35:09 PM

p. 2 of 2

Project : City of Wilder

Task : 14x12 15' Fill

Client: ICast

Job No. :

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

Concrete Summary

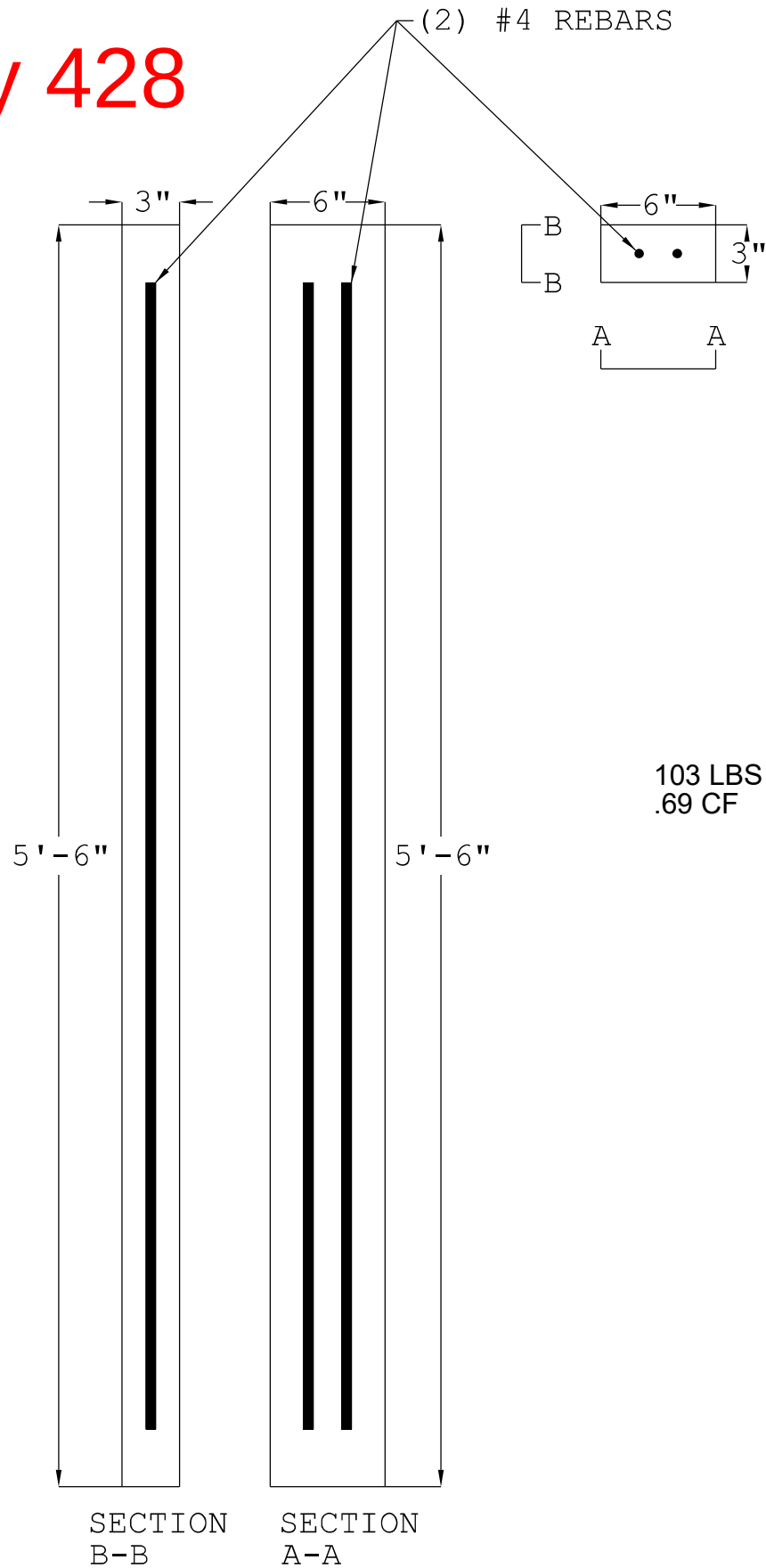
Volume of Concrete: 2.148 cy/ft Total Volume of Concrete: 8.593 cy

Reinforcing Steel Bar Schedule (lb)

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

ALCOA CONCRETE LOGS

Quantity 428



Job Name: 26-2475 - Triple Steel La Vergne
Job Location: La Vergne, TN
Contractor: Hayes Pipe Supply

Plant: 100
7/27/2026 2:57:57 PM

Tech: Jared - A
PC: Erica Bradley



Structure ID: QL2 ST-OCS

P1 BX4848-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

P2) 48" x 48" - CASTING HEIGHT - 0"
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 18"
1) 48" x 48" - Conseal CS-102 1.00"
1) Hole - 16
1) Orifice - 1"

Structure Total: 5312 lb

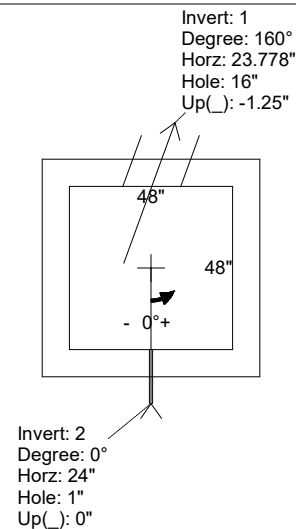
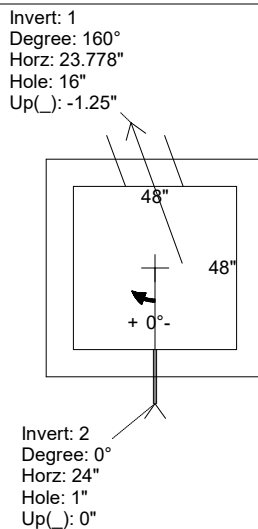
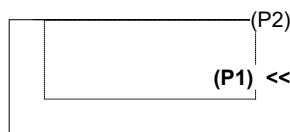
Structure Notes:
1. TRASHRACKS LFS-4848-P SQ. FLUSH MOUNT GRATE PROVIDED BY OTHERS.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. NO INVERT CHANNEL.
5. REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .12) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 600' Rim to Invert: 1.5' Slack: 0" Sump: 0" Step Position:

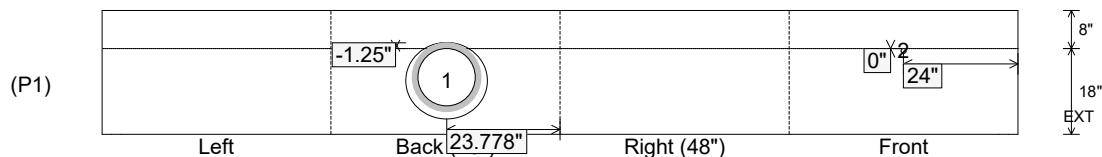
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	598.5'	160°	28.866"	12" HDPE	14.5"	Hole 16	16"	17.027"	-1.25"	8"
Invert 2	598.5'	0°	32"	1" Orifice	1"	Orifice 1"	1"	1"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



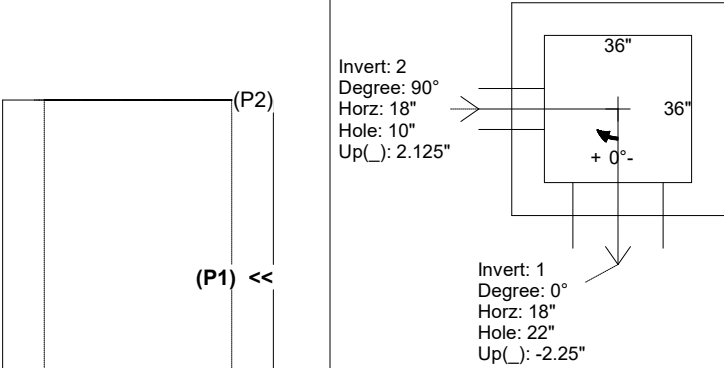
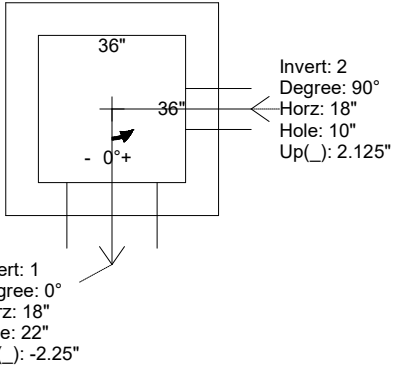
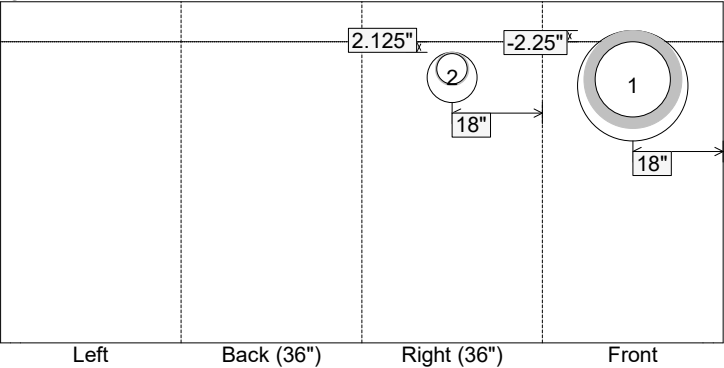
Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

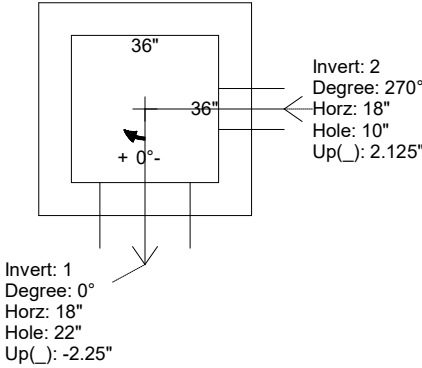
Height (Int): 18"
Height (Ext): 26"

Weight (Net): 5312 lb
Volume (Net): 1.36cu.yd

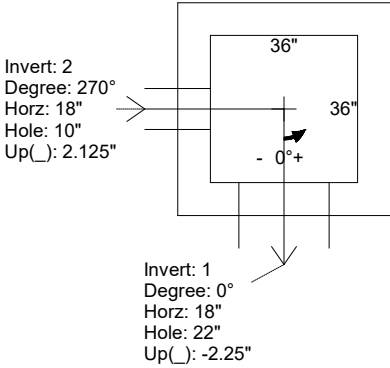
Job Name: 26-1185 - Wells Fargo Smyrna Job Location: Smyrna, TN 37167 Contractor: Hayes Pipe Supply					Plant: 100 7/21/2026 3:56:01 PM		Tech: Jared - F PC: E. Bradley					
Structure ID: A13-7 ST-OCS												
P1		BX3636-08BA60		BOX BASE 8inW, 8inF F/n								
P2) 36" x 36" - CASTING HEIGHT - 0" P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 60" 1) 36" x 36" - Conseal CS-102 1.00" 1) Hole - 22" 1) Hole - 10"					0 lb 8596 lb 0 lb 0 lb 0 lb ----- Structure Total: 8596 lb		Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETE = 4,500 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING SUPPLIED BY OTHERS. 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: 588.15'					Rim to Invert: 5.05'		Slack: 0.598"		Sump: 0"		Step Position:	
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	583.1'	0°	26"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-2.25"	0"		
Invert 2	583.3'	90°	26"	6" PVC SCH40	6.625"	Hole 10	10"	10"	2.125"	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: Flat Seam Dn: n/a		Wall Thickness: 8" Floor Height: 8"		Height (Int): 60" Height (Ext): 68"		Weight (Net): 8596 lb Volume (Net): 2.2cu.yd			

Job Name: 26-1185 - Wells Fargo Smyrna Job Location: Smyrna, TN 37167 Contractor: Hayes Pipe Supply					Plant: 100 7/21/2026 3:56:00 PM		Tech: Jared - F PC: E. Bradley				
Structure ID: A11-6 ST-OCS											
P1 BX3636-08BAVF		BOX BASE 8inW, 8inF, Variable Ht F/n									
P2) 36" x 36" - CASTING HEIGHT - 0" P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 51" 1) 36" x 36" - Conseal CS-102 1.00" 1) Hole - 22" 1) Hole - 10"					0 lb 7533 lb 0 lb 0 lb 0 lb ----- Structure Total: 7533 lb		Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETE = 4,500 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING SUPPLIED BY OTHERS. 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: 588.5' Rim to Invert: 4.25' Slack: -0.002" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	584.25'	0°	26"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-2.25"	0"	
Invert 2	584.45'	270°	26"	6" PVC SCH40	6.625"	Hole 10	10"	10"	2.125"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

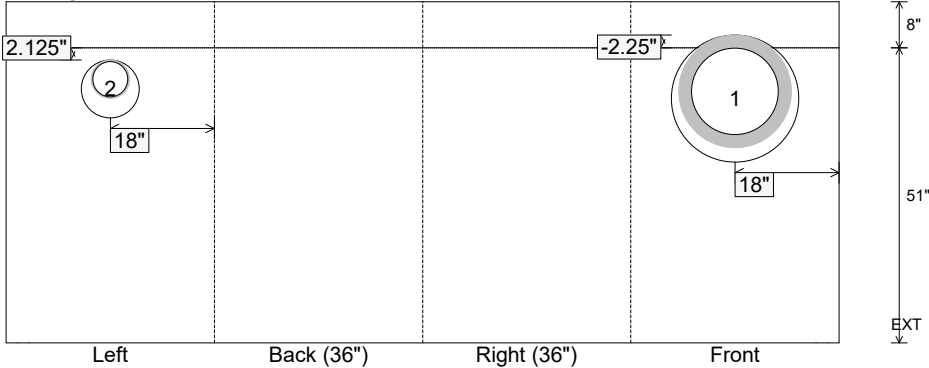
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 51" Height (Ext): 59"	Weight (Net): 7533 lb Volume (Net): 1.92cu.yd
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Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320)

Job Location: Independence, KY

Contractor: Eaton Asphalt

Plant: 100

6/4/2026 4:51:14 PM

Tech: Jared - A

PC: J. Jarvis



Structure ID: 586

P1 BX2436-08BVF

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

P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"

P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 33"

1) CASTING - HOE KY-206 F/C (KY TY1)

1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast)

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

1) Hole - 24

2) Hole - 20

2) Hole - 8

3400 lb

5270 lb

4114 lb

206 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 12990 lb

Structure Notes:

** KYTC STATE PROJECT **

1. PER KYTC CBI TY A / ASTM C-913 SPECS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. NO STORM INVERT

5. NO STEPS

6. KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST - FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP

7. INVERT 4 OFFSET 14" FROM CENTER OF WALL

Rim: 905.05'

Rim to Invert: 5.09'

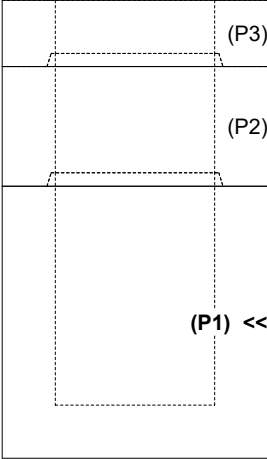
Slack: 0.08"

Sump: 0"

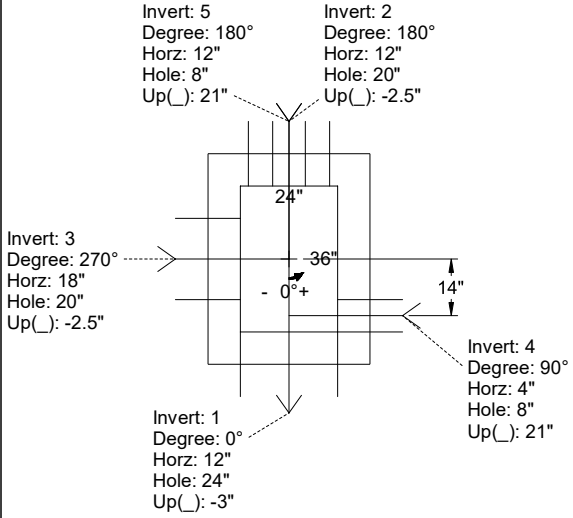
Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	899.96'	0°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"
Invert 2	899.96'	180°	20"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"
Invert 3	899.96'	270°	26"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"
Invert 4	901.88'	90°	12"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	-14"
Invert 5	901.88'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"
Invert 6										
Invert 7										
Invert 8										

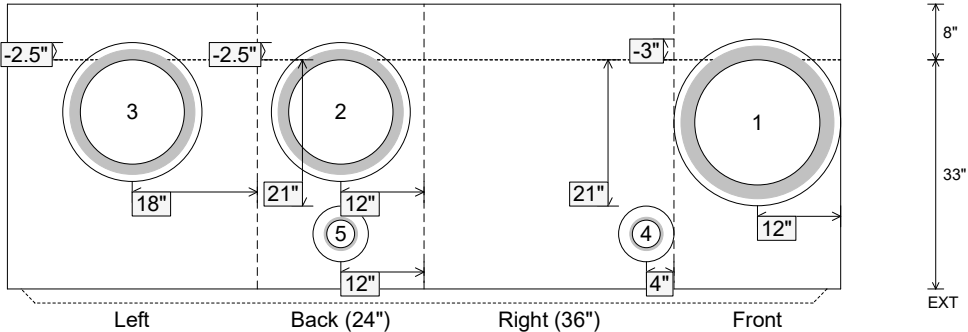
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 33"

Height (Ext): 41"

Weight (Net): 4114 lb

Volume (Net): 1.05cu.yd

Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320)

Job Location: Independence, KY

Contractor: Eaton Asphalt

Plant: 100

6/4/2026 4:52:33 PM

Tech: Jared - A

PC: J. Jarvis



Structure ID: 578

P1BX2436-08BVF

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

P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"

P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 33"

1) CASTING - HOE KY-206 F/C (KY TY1)

1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast)

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

1) Hole - 24

2) Hole - 8

3400 lb

5270 lb

4392 lb

206 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 13268 lb

Structure Notes:

** KYTC STATE PROJECT **

1. PER KYTC CBI TY A / ASTM C-913 SPECS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. NO STORM INVERT

5. NO STEPS

6. KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST - FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP

Rim: 873.19'

Rim to Invert: 5.09'

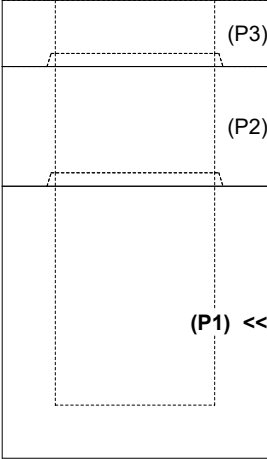
Slack: 0.08"

Sump: 0"

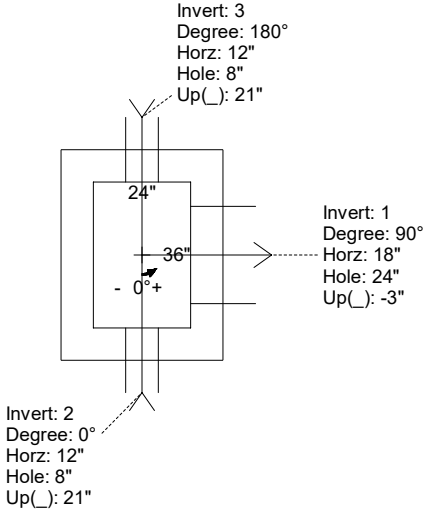
Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	868.1'	90°	26"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"
Invert 2	870.02'	0°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"
Invert 3	870.02'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

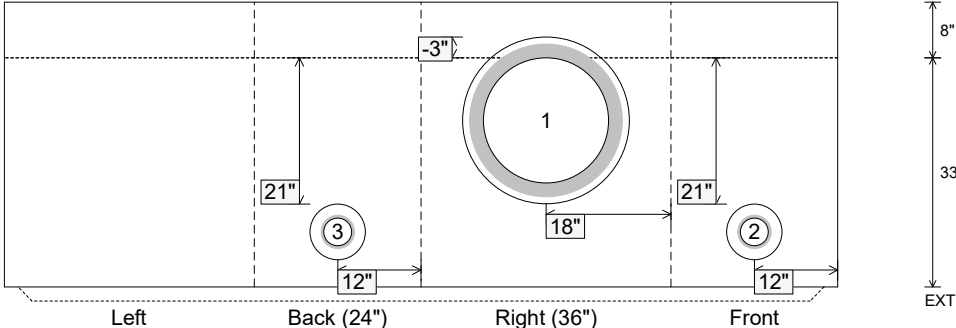
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

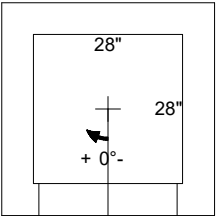
Height (Int): 33"

Height (Ext): 41"

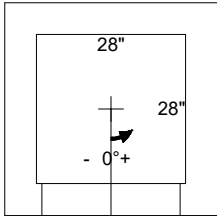
Weight (Net): 4392 lb

Volume (Net): 1.12cu.yd

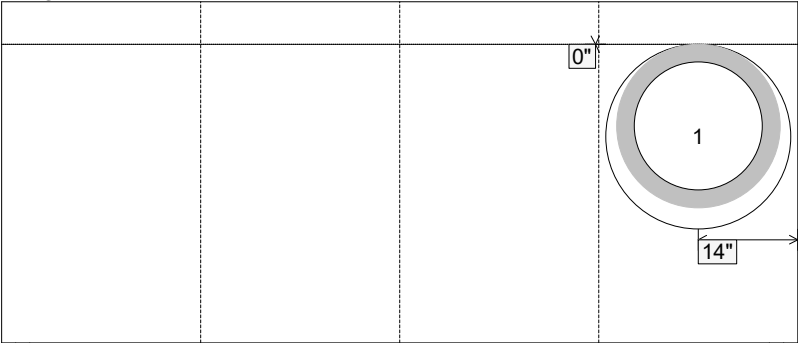
Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC					Plant: Beaver Dam 6/9/2026 10:37:18 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R32											
P1 BX2828-06BA42			BOX BASE 6inW, 6inF F/n								
P2) 28" x 28" - CASTING HEIGHT - 5" P1) 28" x 28" - BOX BASE 6inW, 6inF F/n - 42" 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" 1) Hole - 26"					0 lb 3414 lb 450 lb 250 lb 0 lb 0 lb ----- 4114 lb Structure Total:		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: 581.76' Rim to Invert: 3.78' Slack: 0.86" Sump: 2.5" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	577.98'	0°	20"	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											



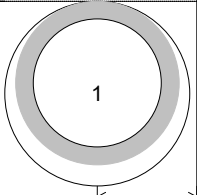
Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"



Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"



Left Back (28") Right (28") Front



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 6"

Height (Int): 42"
Height (Ext): 48"

Weight (Net): 3414 lb
Volume (Net): 0.87cu.yd

Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:37:18 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R32

P1 BX2828-06BA42

BOX BASE 6inW, 6inF F/n

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

P1) 28" x 28" - BOX BASE 6inW, 6inF F/n - 42"

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"

1) Hole - 26

0 lb

3414 lb

450 lb

250 lb

0 lb

0 lb

0 lb

Structure Total: 4114 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: 581.76'

Rim to Invert: 3.78'

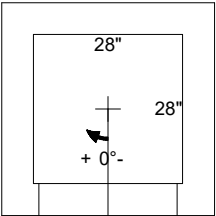
Slack: 0.86"

Sump: 2.5"

Step Position:

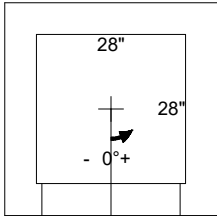
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	577.98'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"

UPSIDE-DOWN VIEW (int. dimenions)



Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"

INSIDE WALL DIMENSIONS

(P1)

Left

Back (28")

Right (28")

Front

1

14"

6"

42"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 6"

Height (Int): 42"
Height (Ext): 48"

Weight (Net): 3414 lb
Volume (Net): 0.87cu.yd

Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:37:15 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R28

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 - 44"

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"

1) Hole - 26

0 lb

3551 lb

450 lb

250 lb

0 lb

0 lb

Structure Total: 4251 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: 579.25'

Rim to Invert: 3.9'

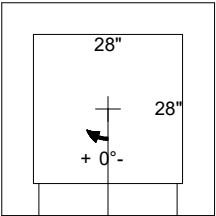
Slack: 0.3"

Sump: 2.5"

Step Position:

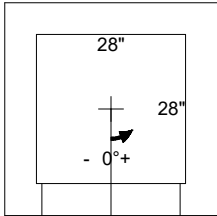
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	575.35'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

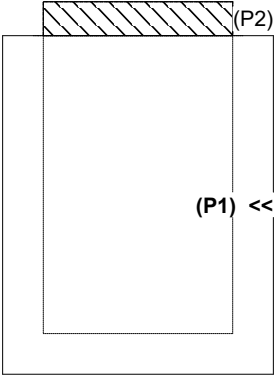


Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"

UPSIDE-DOWN VIEW (int. dimensions)

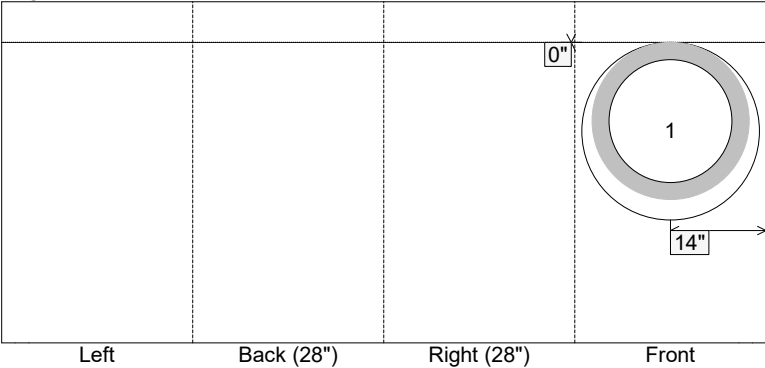


Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"



(P1) << (P2)

INSIDE WALL DIMENSIONS



(P1)

LeftBack (28")Right (28")Front

6"44"14"0"EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 44"

Height (Ext): 50"

Weight (Net): 3551 lb

Volume (Net): 0.91cu.yd

Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:37:15 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R28

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 - 44"

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"

1) Hole - 26

0 lb

3551 lb

450 lb

250 lb

0 lb

0 lb

Structure Total: 4251 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: 579.25'

Rim to Invert: 3.9'

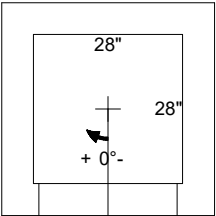
Slack: 0.3"

Sump: 2.5"

Step Position:

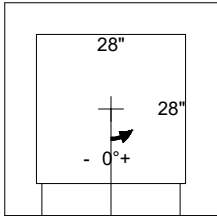
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	575.35'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

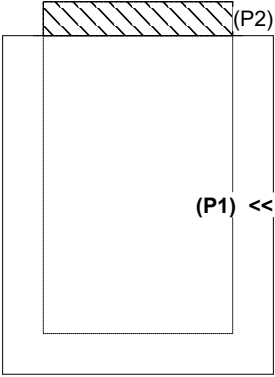


Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"

UPSIDE-DOWN VIEW (int. dimensions)

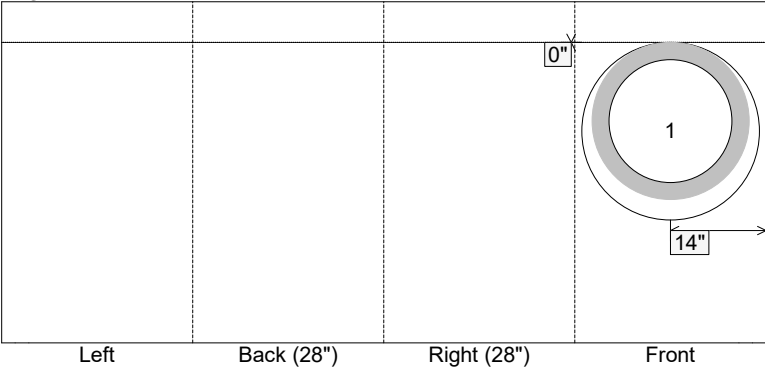


Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"



(P1) << (P2)

INSIDE WALL DIMENSIONS



(P1)

Left Back (28") Right (28") Front

6" 44" 14" 0"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

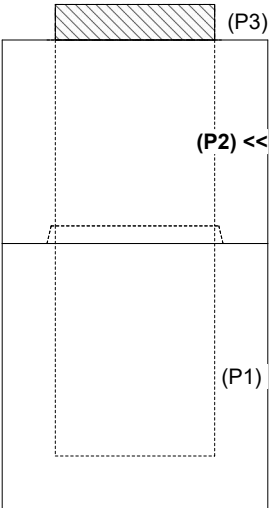
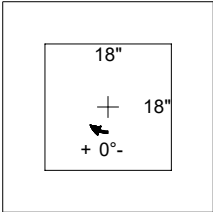
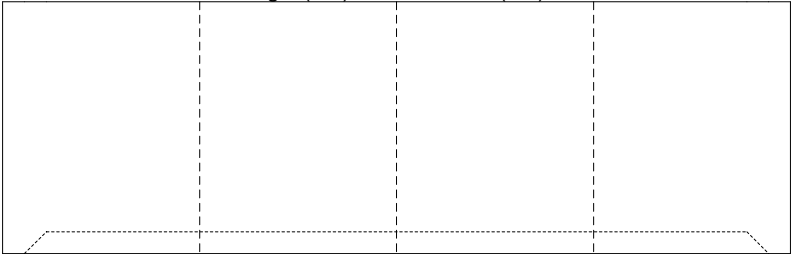
Floor Height: 6"

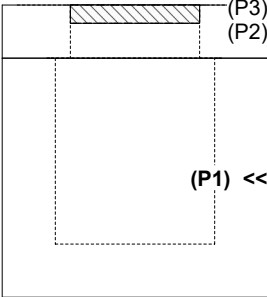
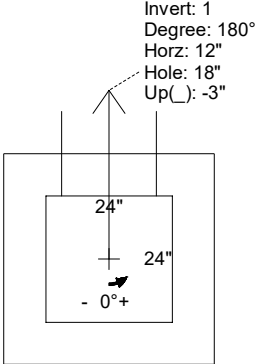
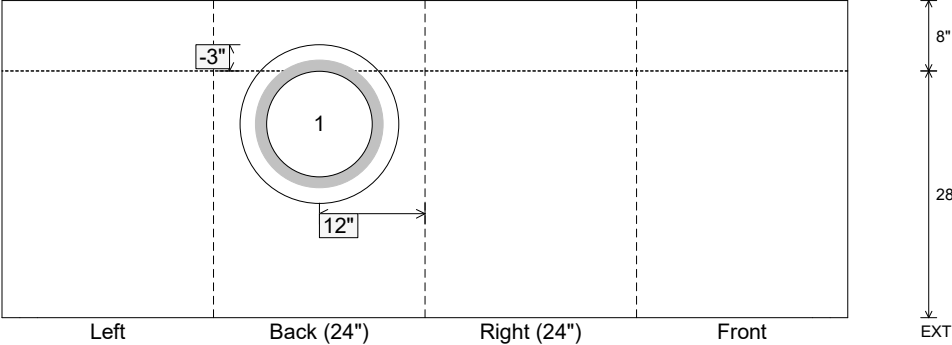
Height (Int): 44"

Height (Ext): 50"

Weight (Net): 3551 lb

Volume (Net): 0.91cu.yd

Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315) Job Location: Indiana, KY Contractor: Louisville Paving and Construction					Plant: 100 6/17/2026 5:41:14 PM		Tech: J. Horsley - A PC: J. Jarvis				
Structure ID: 133											
P2		BX1818-06RVF		BOX RISER 6inW, Variable Ht F/G							
P3) 18" x 18" - CASTING HEIGHT - 4" P2) 18" x 18" - BOX RISER 6inW, Variable Ht F/G - 23" P1) 18" x 18" - BOX BASE 6inW, 6inF T/n - 24" 2) 18" x 18" - Conseal CS-102 1.00" 2) Hole - 18						0 lb 1112 lb 1421 lb 0 lb 0 lb ----- Structure Total: 2533 lb		Structure Notes: 1. PER MSD YARD DRAIN / ASTM C-913 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. HOE 165-A FRAME & GRATE SUPPLIED BY OTHERS			
Rim: 566.5'		Rim to Invert: 4.25'		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											
(P2)		FrontRight (18")Back (18")Left				EXT 23"					
											
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: Groove		Wall Thickness: 6" Floor Height: 0"		Height (Int): 23" Height (Ext): 23"		Weight (Net): 1112 lb Volume (Net): 0.28cu.yd	

Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315) Job Location: Indiana, KY Contractor: Louisville Paving and Construction					Plant: 100 6/12/2026 3:10:00 PM		Tech: J. Horsley - A PC: J. Jarvis				
Structure ID: 61											
P1 BX2424-08BAVF BOX BASE 8inW, 8inF, Variable Ht F/n											
P3) 19.5" - CASTING (cast in) - 2.75" P2) 24" x 24" - CB FLAT TOP 8"W (HOE KY-210) F/F - 8" P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 28" 1) This Structure Includes a Cast-in Item - HOE KY-210 Frame (Supplied By Others) 1) 24" x 24" - Conseal CS-102 1.00" 1) Hole - 18						0 lb 943 lb 3309 lb 0 lb 0 lb 0 lb ----- 0 lb Structure Total: 4252 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. PER KYTC DBI TYPE 14 / ASTM C-913 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. HOE KY-210 FRAME & GRATE SUPPLIED BY OTHERS - FRAME TO BE CAST INTO FLAT LID			
Rim: 550.5' Rim to Invert: 3' Slack: 0" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	547.5'	180°	20"	12" HDPE	14.5"	Hole 18	18"	18"	-3"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions)  UPSIDE-DOWN VIEW (int. dimensions)  INSIDE WALL DIMENSIONS 											
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: n/a		Wall Thickness: 8" Floor Height: 8"		Height (Int): 28" Height (Ext): 36"		Weight (Net): 3309 lb Volume (Net): 0.84cu.yd		



Structure ID: C1-11 HW

P1 HWA8F

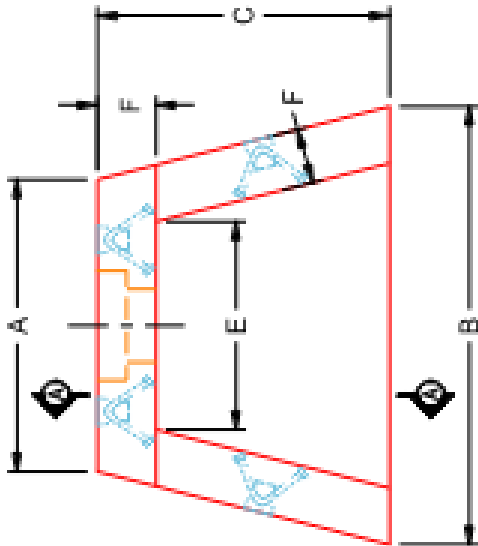
8" - HW AW w/FLAT BOTTOM F/F

DIMENSIONS & QUANTITIES

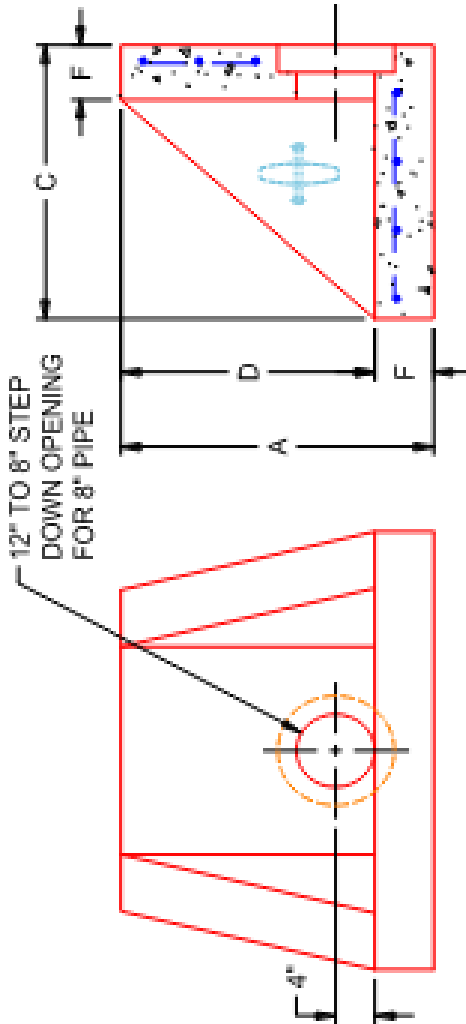
TYPE	PIPE Ø	A	B	C	D	E	F	OPENING SIZE	WEIGHT
AW	8"	2'-0"	4'-0"	2'-6"	2'-2"	2'-0"	6"	12" TO 8" STEP	1,380 LBS

NOTES:

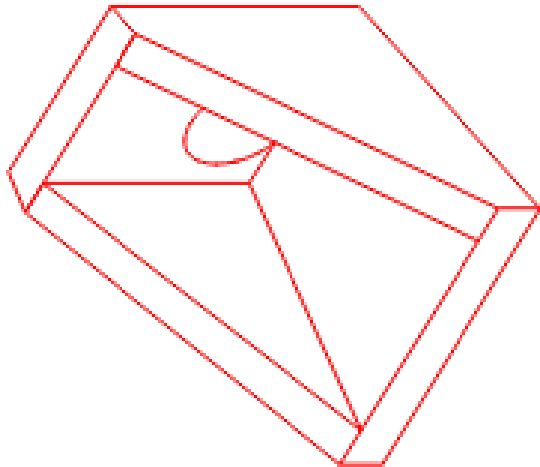
1. CONCRETE: 4500 PSI AT 28 DAYS MINIMUM COMPRESSIVE STRENGTH.
2. REINFORCING: #4 BAR @ 12" C/C E.W. - GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.
4. PIPE AND LIFTING ANCHOR POCKETS TO BE GROUTED WITH NON-SHRINK GROUT AFTER SETTING.



PLAN VIEW



FRONT ELEVATION



ISOMETRIC VIEW

SECTION A-A

REVISION INFORMATION

REV. DATE: NO REVISIONS TO DATE



SUBMITTAL DRAWING: 8" AW HW
CUSTOMER: HAYES PIPE SUPPLY
PROJECT: WELLS FARGO SMYRNA
STRUCTURE: C1-11 HW
QUOTE/SALES ORDER NO: 26-1185
PC: E. BRADLEY
DATE: 04/29/26
SCALE: NTS
PG. 1 of 1

Job Name: 26-2227 - UK Research and Education Center Entrance
Job Location: Princeton, KY
Contractor: J & J Excavating

Plant: Beaver Dam, KY
7/18/2026 11:10:07 AM

Tech: K. Cardwell
PC: E. Bradley

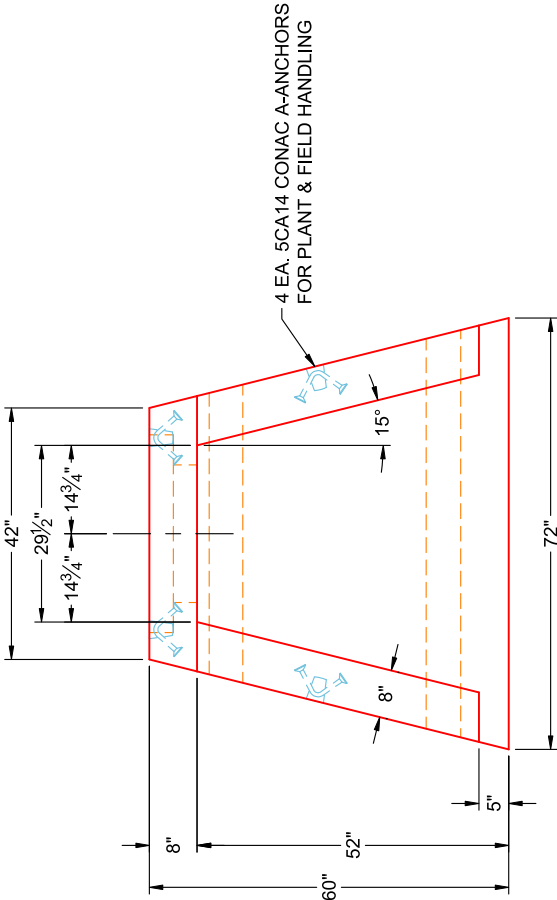


Structure ID: QL1 HW (2)

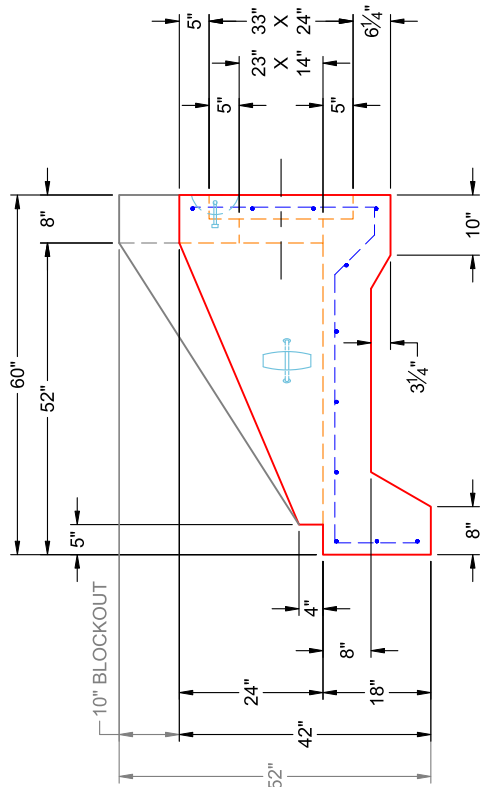
P1 HWPC1423 23" x 14" - SLOPED & FLARED HEADWALL (ELL. RCP) F/F

GENERAL NOTES:

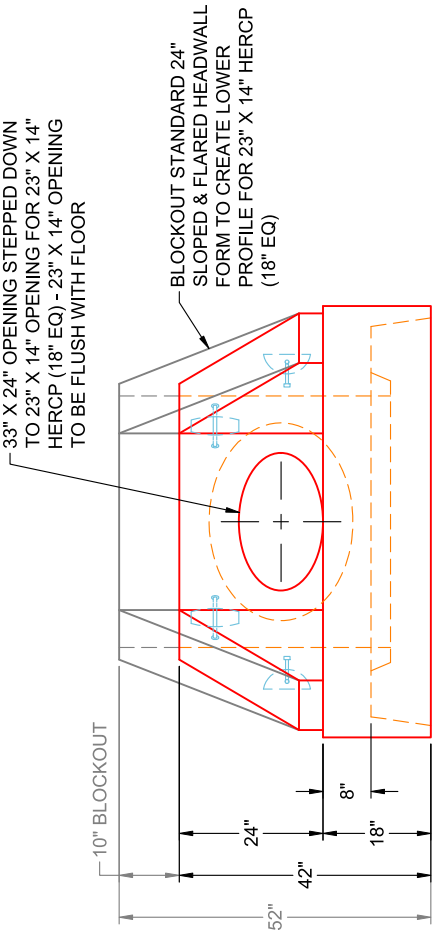
- 1. THIS DRAWING TO BE USED IN CONJUNCTION WITH KYTC STANDARD DRAWING RDH-020-03 & STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION
- 2. CONCRETE: 4,500 PSI AT 28 DAYS
- 3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
- 4. REINFORCING BARS TO BE TACK WELDED OR TIED
- 5. 3/4" CHAMFER REQUIRED ON ALL EXPOSED EDGES
- 6. PIPE & LIFTING ANCHOR POCKETS TO BE GROUTED BY CONTRACTOR
- 7. WEIGHT: 4,215 LBS



TOP VIEW
(RIGHT SIDE UP)



SIDE VIEW
(RIGHT SIDE UP)



FRONT VIEW
(RIGHT SIDE UP)

Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018)
Job Location: Hopkinsville, KY
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

Tech: J. Horsley

6/26/2026 7:44:35 AM

PC: C. Goff



Structure ID: 223

P2 BX036036-08TS024036

CB TRANSITION SLAB 24"X36" HOLE T/F

P4) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
P3) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 30"

1) CASTING - HOE KY-206 F/C (KY TY1)

1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast)

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

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

2) DOGHOUSE INVRTD - 30"x31.75"

1) Hole - 20

1) Hole - 22

3400 lb

5270 lb

1235 lb

3640 lb

206 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 13751 lb

Structure Notes:

** KYTC STATE PROJECT **

STATION: 420+85 RT

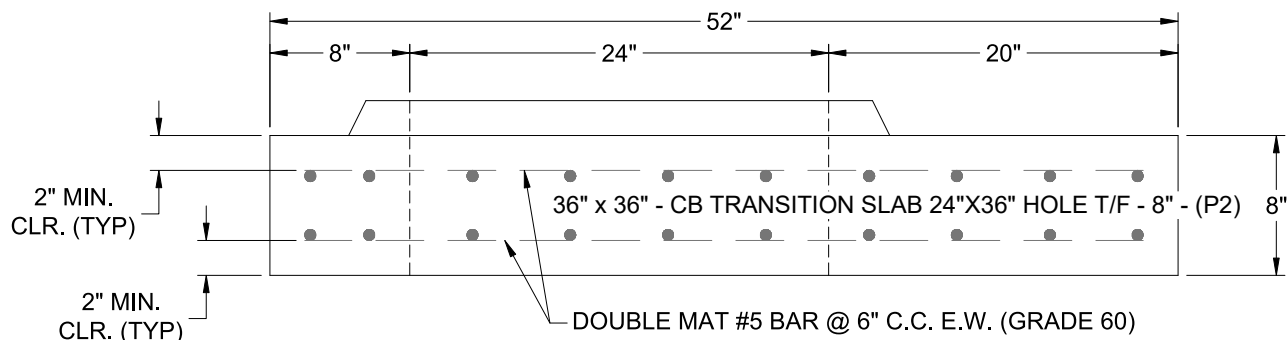
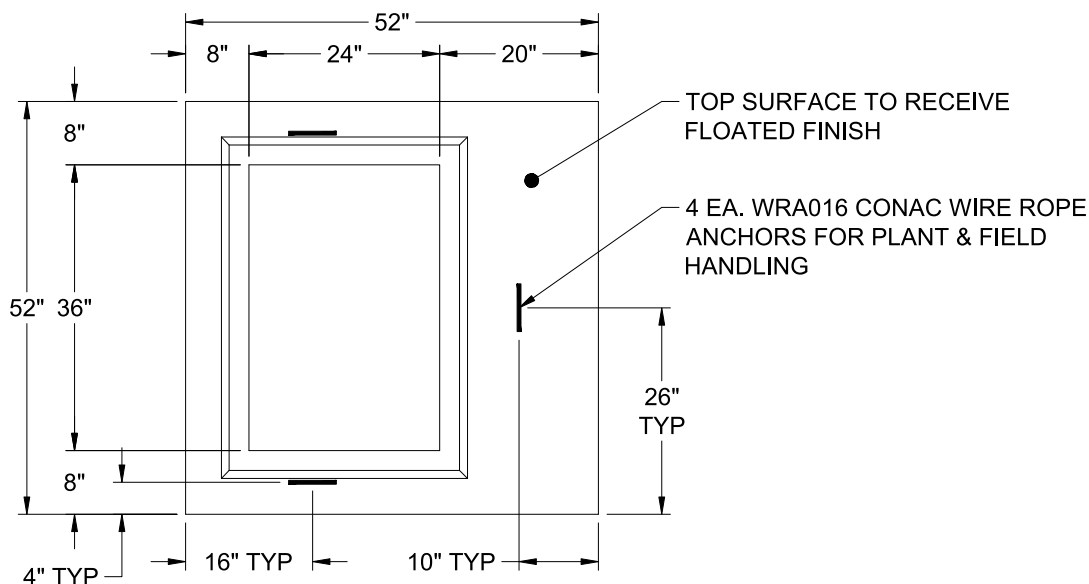
1. PER KYTC CBI TYPE A / ASTM C-913 SPECS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: DOUBLE MAT #5 BAR @ 6" C.C.
E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE
(TYP)

4. LIFTERS: 4 EA. WRA016 CONAC WIRE ROPE
ANCHORS FOR PLANT & FIELD HANDLING

5. TOP SURFACE TO RECEIVE FLOATED FINISH



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1235 lb
Volume (Net): 0.32cu.yd

Job Name: 26-1787 - Kroger Expansion

Job Location: Murray, KY

Contractor: Parker Excavating, LLC.

Plant: 100

7/22/2026 3:26:25 PM

Tech: J. Horsley

PC: J. Jarvis



Structure ID: C7 ST-CI

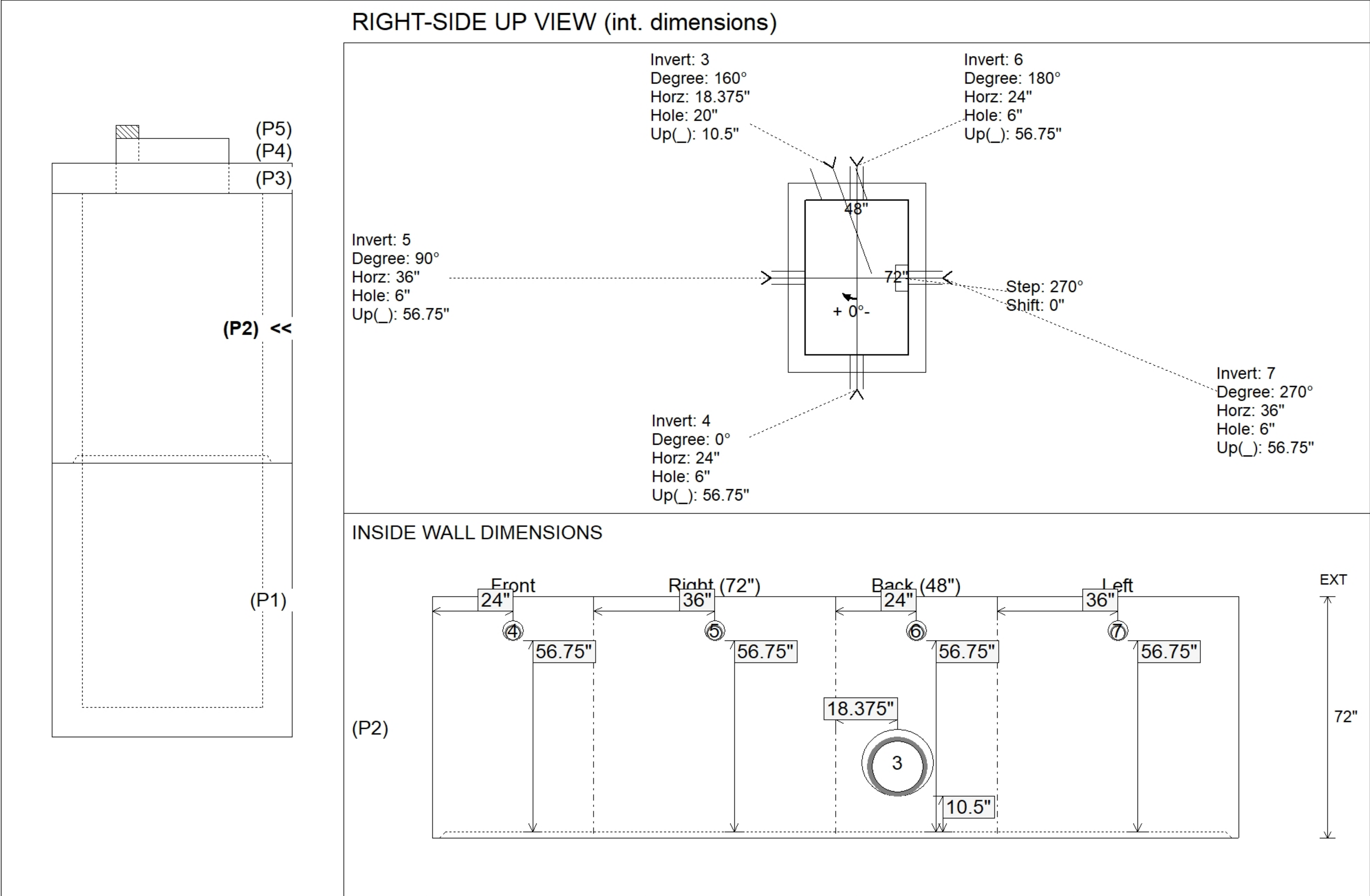
P2 BX4872-08RSVF

BOX RISER 8inW, Variable Ht F/G

P5) 6" x 36" - CASTING - Curb Back/Hood - 3.50"	0 lb	Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (JBS 2064 F/G) . REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .18) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.
P4) 30" x 36" - CASTING - Frame&Grate F/F - 6.50"	0 lb	
P3) 48" x 72" - CB FLAT TOP 8"W w/30"x36" HOLE F/F - 8"	3056 lb	
P2) 48" x 72" - BOX RISER 8inW, Variable Ht F/G - 72"	12846 lb	
P1) 48" x 72" - BOX BASE 8inW, 8inF, Variable Ht T/n - 65"	14037 lb	
1) SECONDARY POUR	0 lb	
1) CASTING - JBS 2064-V SET (F/G/H)	500 lb	
2) 48" x 72" - Conseal CS-102 1.00"	0 lb	
2) Hole - 30	0 lb	
1) Hole - 20	0 lb	
4) Hole - 6	0 lb	
11) MH Step ML-10-TDS-NCR - 10"	0 lb	
	0 lb	
	0 lb	
	0 lb	
Structure Total:	30439 lb	

Rim: 500.38' Rim to Invert: 12.79' Slack: 0.484' Sump: 2.004' Step Position: 180°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3	493.986'	160°	23.375"	15" HP STORM	17.7"	Hole 20	20"	21.284"	10.5"	7"
Invert 4	497.765'	0°	32"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	56.75"	0"
Invert 5	497.765'	90°	44"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	56.75"	0"
Invert 6	497.765'	180°	32"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	56.75"	0"
Invert 7	497.765'	270°	44"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	56.75"	0"
Invert 8										



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 8" Floor Height: 0"	Height (Int): 72" Height (Ext): 72"	Weight (Net): 12846 lb Volume (Net): 3.28cu.yd
----------------------------------	----------------------------------	--	--	---

Job Name: 26-2018 - Hancock County Middle School Addition
 Job Location: Lewisport, KY
 Contractor: Mechanical Consultants Inc

Plant: 100

7/24/2026 1:22:31 PM

Tech: Jared - F

PC: T. Lewis



Structure ID: M.V. MV-2

P1 BX072120-08BAVF

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

- P3) 30" x 30" - HATCH (CAST FLUSH) - 3"
 P2) 72" x 120" - CB FLAT TOP 8"W w/30"x30" HATCH F/F - 8"
 P1) 72" x 120" - BOX BASE 8inW, 8inF, Variable Ht F/n - 64"
 1) HATCH (Alum.) - HALLIDAY W1S 30"x30"
 1) 72" x 120" - Con Seal CS-102 1.00" (Double)
 1) 30" x 30" - Con Seal CS-102 1.00" (Double)
 2) Hole - 10
 1) Hole - 4

100 lb
 7430 lb
 25793 lb
 62 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 33385 lb

Structure Total:

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 (HALLIDAY W1S 30"x30")

REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 8" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 8" C.C.E.W.

Rim: 6' Rim to Invert: 4.75' Slack: 0" Sump: 15" Step Position: 270°

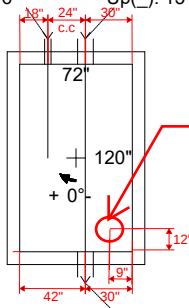
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1.25'	0°	38"	6" WATER PIPE	6.25"	Hole 10	10"	10"	13"	-6"
Invert 2	1.25'	180°	50"	6" WATER PIPE	6.25"	Hole 10	10"	10"	13"	6"
Invert 3	1.42'	180°	26"	2" PIPE	2.25"	Hole 4	4"	4"	16"	-18"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 3
 Degree: 180°
 Horz: 18"
 Hole: 4"
 Up(): 16"

Invert: 2
 Degree: 180°
 Horz: 42"
 Hole: 10"
 Up(): 13"



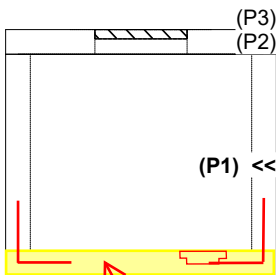
13" Dia. x 4" Deep sump
 pan w/lid cast-in the floor

WEIGHTS

FIRST POUR - 8,034 LBS

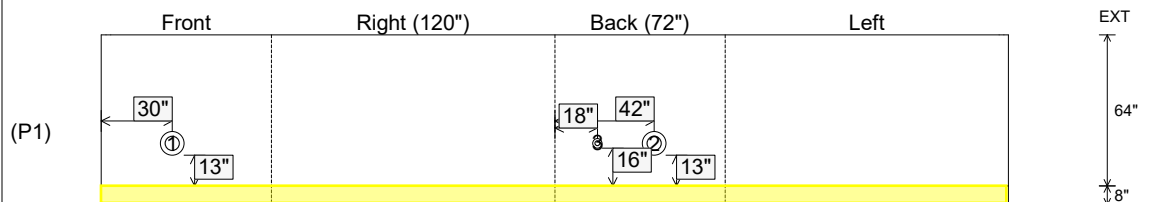
SECOND POUR - 17,759 LBS

TOTAL - 25,793 LBS



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

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 64"
 Height (Ext): 72"

Weight (Net): 25793 lb
 Volume (Net): 6.59cu.yd

Job Name: 26-2018 - Hancock County Middle School Addition
 Job Location: Lewisport, KY
 Contractor: Mechanical Consultants Inc

Plant: 100

7/24/2026 1:22:31 PM

Tech: Jared - F

PC: T. Lewis



Structure ID: M.V. MV-2

P1 BX072120-08BAVF

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

P3) 30" x 30" - HATCH (CAST FLUSH) - 3"
 P2) 72" x 120" - CB FLAT TOP 8"W w/30"x30" HATCH F/F - 8"
 P1) 72" x 120" - BOX BASE 8inW, 8inF, Variable Ht F/n - 64"
 1) HATCH (Alum.) - HALLIDAY W1S 30"x30"
 1) 72" x 120" - Conseal CS-102 1.00" (Double)
 1) 30" x 30" - Conseal CS-102 1.00" (Double)
 2) Hole - 10
 1) Hole - 4

100 lb
 7430 lb
 25793 lb
 62 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 33385 lb

Structure Total:

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 (HALLIDAY W1S 30"x30")

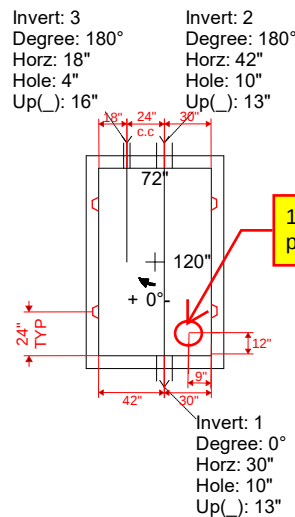
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 8" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 8" C.C.E.W.

Rim: 6' Rim to Invert: 4.75' Slack: 0" Sump: 15" Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1.25'	0°	38"	6" WATER PIPE	6.25"	Hole 10	10"	10"	13"	-6"
Invert 2	1.25'	180°	50"	6" WATER PIPE	6.25"	Hole 10	10"	10"	13"	6"
Invert 3	1.42'	180°	26"	2" PIPE	2.25"	Hole 4	4"	4"	16"	-18"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



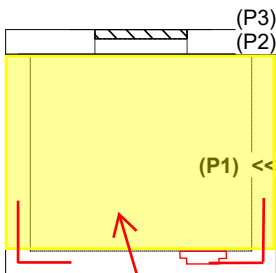
WEIGHTS

FIRST POUR - 8,034 LBS

SECOND POUR - 17,759 LBS

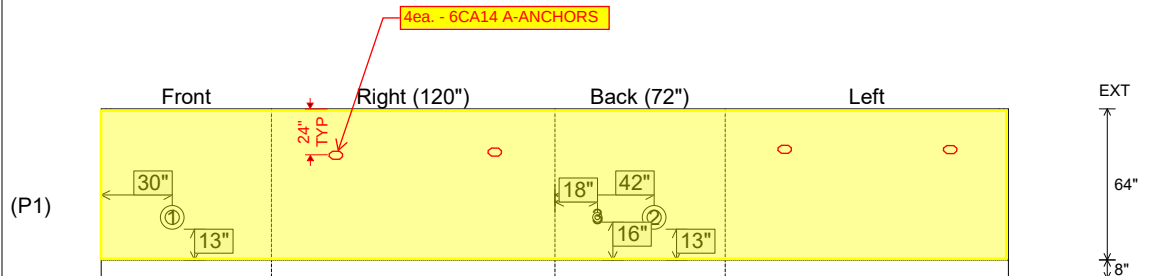
TOTAL - 25,793 LBS

13" Dia. x 4" Deep sump pan w/lid cast-in the floor



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): 64"
 Height (Ext): 72"

Weight (Net): 25793 lb
 Volume (Net): 6.59cu.yd

Job Name: 26-1364 - Ollie Car Wash
Job Location: Owensboro, KY
Contractor: Winwater Hartford KY Co.

Plant: 100

7/20/2026 6:53:34 PM

Tech: Jared - F
PC: A. Chambers



Structure ID: 2000-GT-TANK-3

P2 BX072144-08LD06S

CB FLAT TOP 6"W w/(2) 24" HOLES F/F

- P4) 24" - CASTING HEIGHT - 7"
P3) 24" - GRADE RING F/F - 3"
P2) 60" x 126" - CB FLAT TOP 6"W w/(2) 24" HOLES F/F - 8"
P1) 60" x 126" - BOX BASE 6inW, 6inF, Variable Ht F/n - 72"
1) CASTING - HOE MC-315 F/C Storm
2) 24" - Conseal CS-102 1.00"
2) Hole - 10

Structure Total:

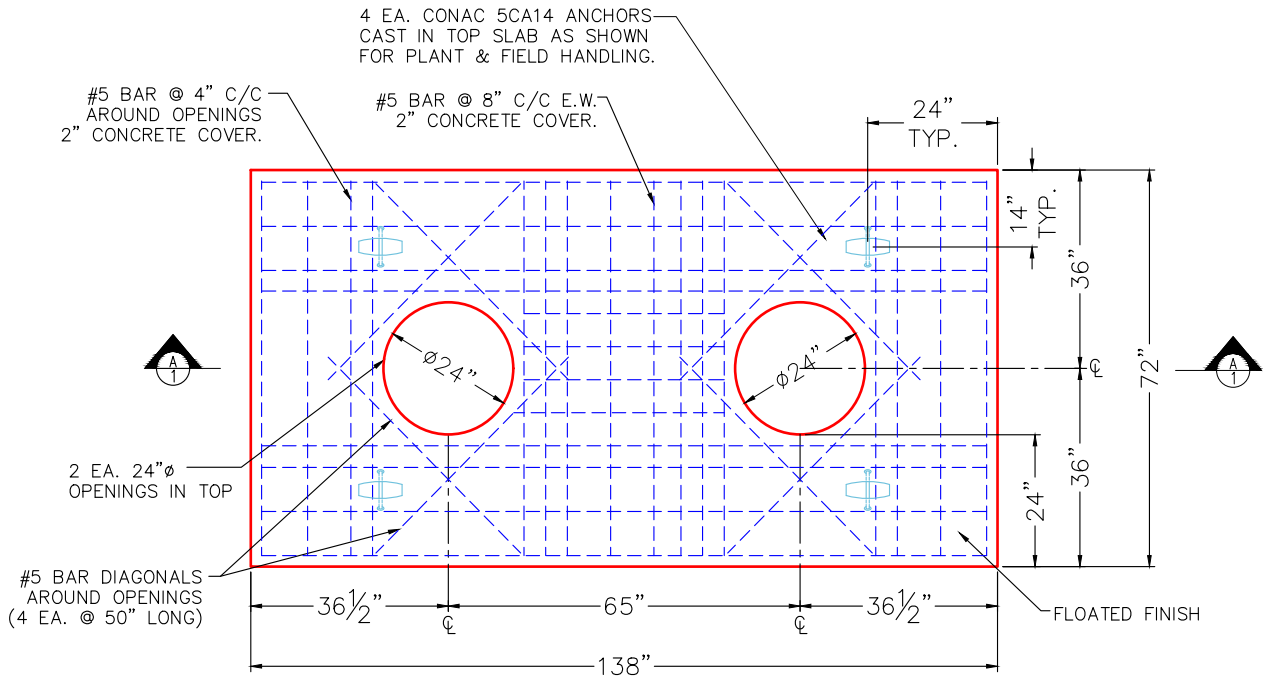
0 lb
202 lb
6064 lb
19278 lb
258 lb
0 lb
0 lb

25803 lb

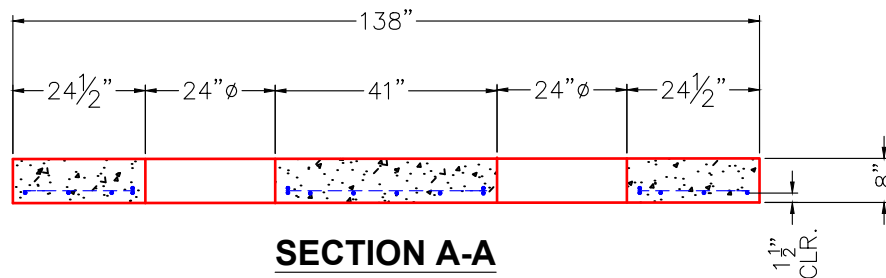
Structure Notes:

1. PER ASTM C-890-13 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. NO STEPS AND NO FLOW CHANNEL.
4. CASTING BY ICAST (HOE MC-315 F/C "STORM")

REINFORCING PER ASTM A615 (GRADE 60)
- TOP SLAB (As .47) #5 BARS AT 8" 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



NOTES:

1. PER ASTM C-890-13 LATEST REVISION.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 8" C/C E.W. (GRADE 60). (H-20 TRAFFIC RATED DESIGN)
4. SEALED WITH 1" CS-102 BUTYL SEALANT
5. TOP SLAB WEIGHT = 6,063 LBS.

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 6"

Height (Ext): 8"

Weight (Net): 6064 lb
Volume (Net): 1.55cu.yd



Weight (Net): 10421 lb
Volume (Net): 2.66cu.yd



Weight (Net): 10421 lb
Volume (Net): 2.66cu.yd

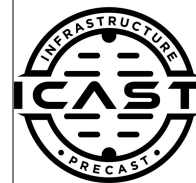
Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018)
Job Location: Hopkinsville, KY
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

Tech: J. Horsley

6/26/2026 7:44:36 AM

PC: C. Goff



Structure ID: 227

P2 BX024030-08LD08-15X27

CB FLAT TOP 8"W w/15"x27" HOLE F/F

P3) 15" x 27" - P.I.P. - BY OTHERS - 8"
P2) 24" x 30" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8"
P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39"
1) CASTING - HOE KY-230-G F/G (GRADE)
1) 24" x 30" - Conseal CS-102 1.00"
1) Hole - 20
2) Hole - 4

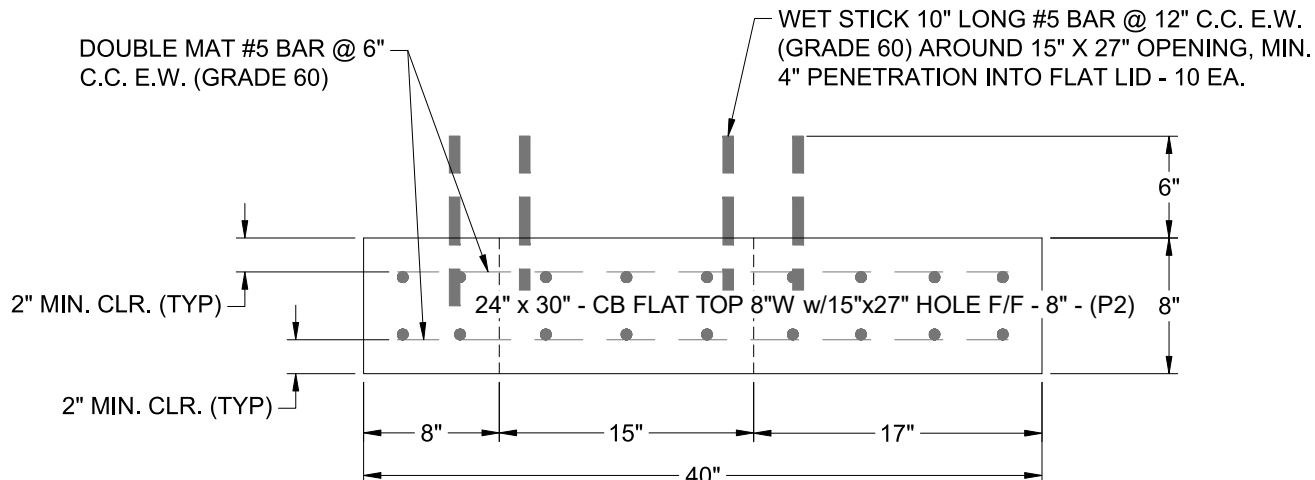
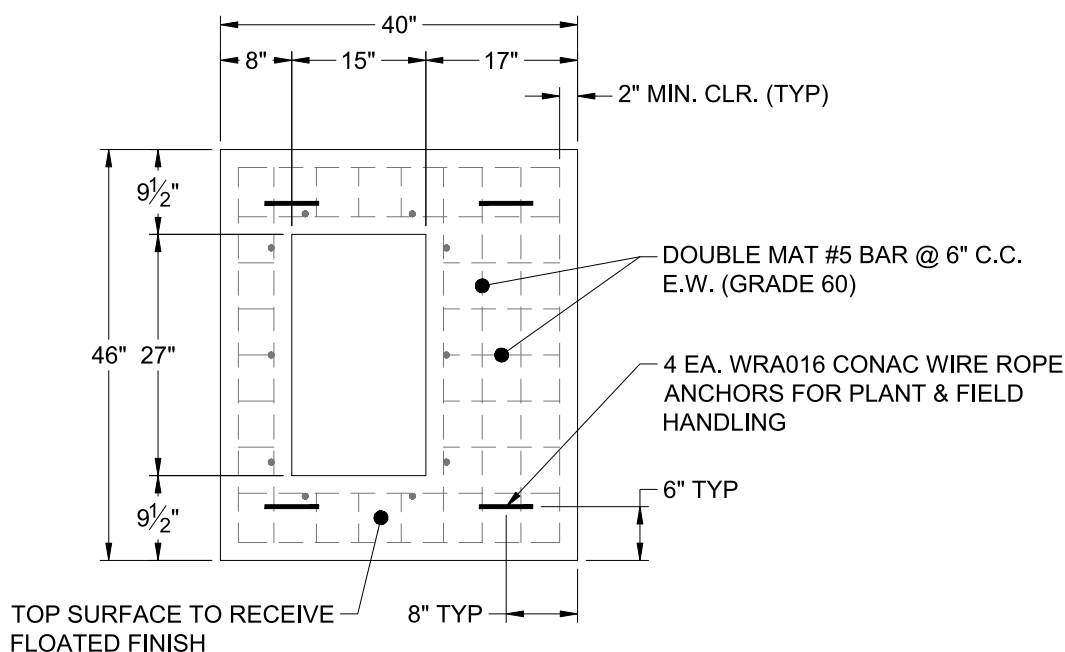
0 lb
963 lb
4673 lb
237 lb
0 lb
0 lb
0 lb
Structure Total: 5873 lb

Structure Notes:

** KYTC STATE PROJECT **

STATION: 421+90 RT

1. PER KYTC DBI TYPE 13G / ASTM C-913 SPECS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: DOUBLE MAT #5 BAR @ 6" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. HOE KY-230G FRAME & GRATE SUPPLIED BY ICAST - POURED IN PLACE BY OTHERS
5. WET STICK #5 BAR @ 12" C.C. E.W. (GRADE 60) 6" OUT TOP OF FLAT LID AROUND 15" X 27" OPENING - 4" MIN. PENETRATION INTO FLAT LID
6. LIFTERS: 4 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
7. TOP SURFACE TO RECEIVE FLOATED FINISH



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 963 lb
Volume (Net): 0.25cu.yd

Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018)
Job Location: Hopkinsville, KY
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

Tech: J. Horsley

6/26/2026 7:44:34 AM

PC: C. Goff



Structure ID: 220

P2 BXLD3636FL-8T8WSP

BX FLAT LID 8inW SPEC. (KY JB-B1) F/F

- P3) 24" - CASTING (cast in) - 4"
P2) 36" x 36" - BX FLAT LID 8inW SPEC. (KY JB-B1) F/F - 8"
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 55"
1) CASTING - HOE KY-460-11 F/G (DBI 11)
1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast)
1) 36" x 36" - Con Seal CS-102 1.00"
2) Hole - 30
1) Hole - 20

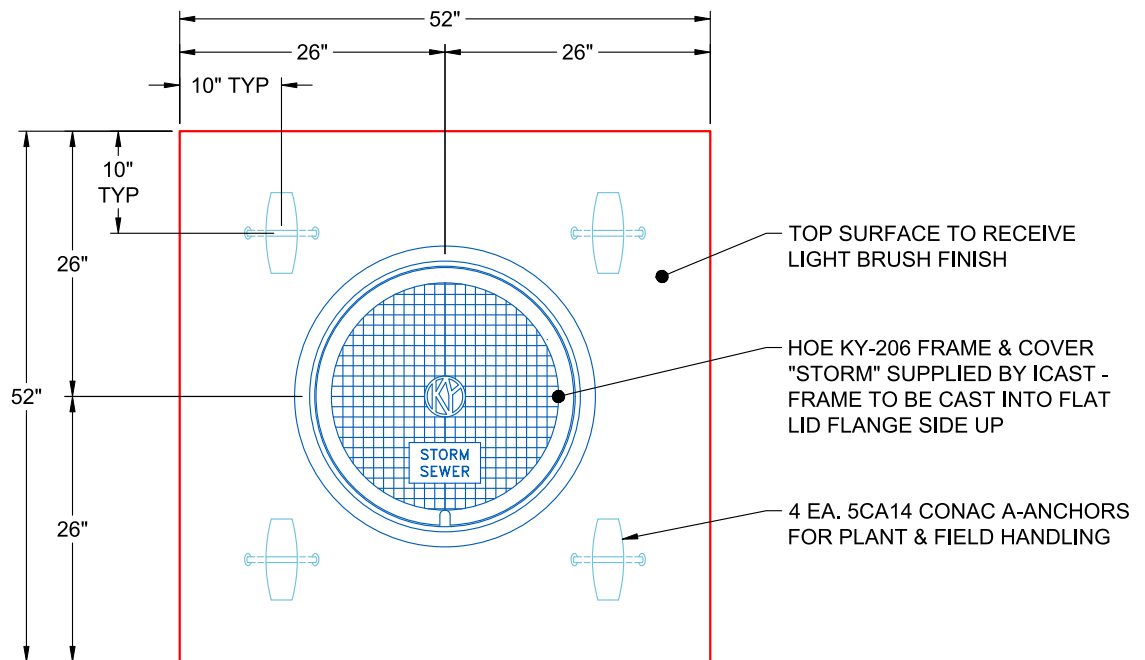
Structure Total: 9244 lb

Structure Notes:

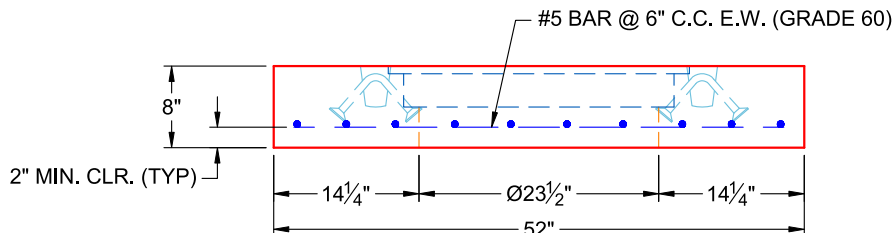
** KYTC STATE PROJECT **

STATION: 419+31 RT

1. PER KYTC JB TYPE B / ASTM C-913 SPECS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 6" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. HOE KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP
5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN
6. TOP SURFACE TO RECEIVE FLOATED FINISH



**PLAN VIEW
(RIGHT SIDE UP)**



**FRONT VIEW
(RIGHT SIDE UP)**

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1670 lb
Volume (Net): 0.43cu.yd

Job Number:

24-4208

Job Name:

KYTC Christian Co. Call 100
(241018)

Structure:

220

Note:

HOE KY-206 Frame Supplied By
iCast To Be Cast Into Flat Lid Flange
Side Up

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

Plant: 100

6/5/2026 9:04:27 AM

Tech: Jared - A

PC: J. Jarvis



Structure ID: 539

P3 BX024030-08LD08-15X27

CB FLAT TOP 8"W w/15"x27" HOLE F/F

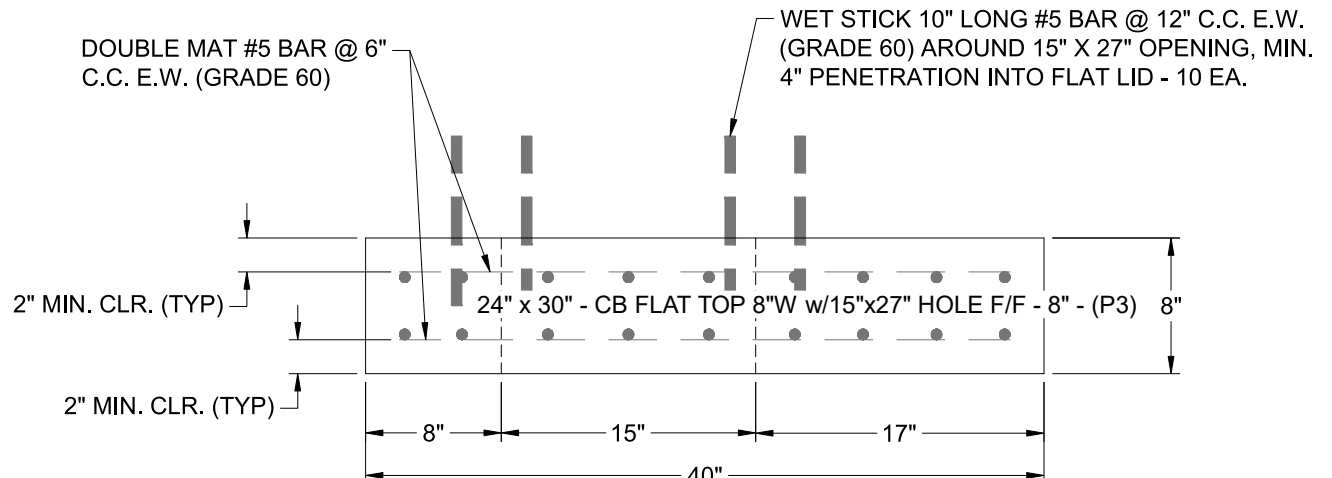
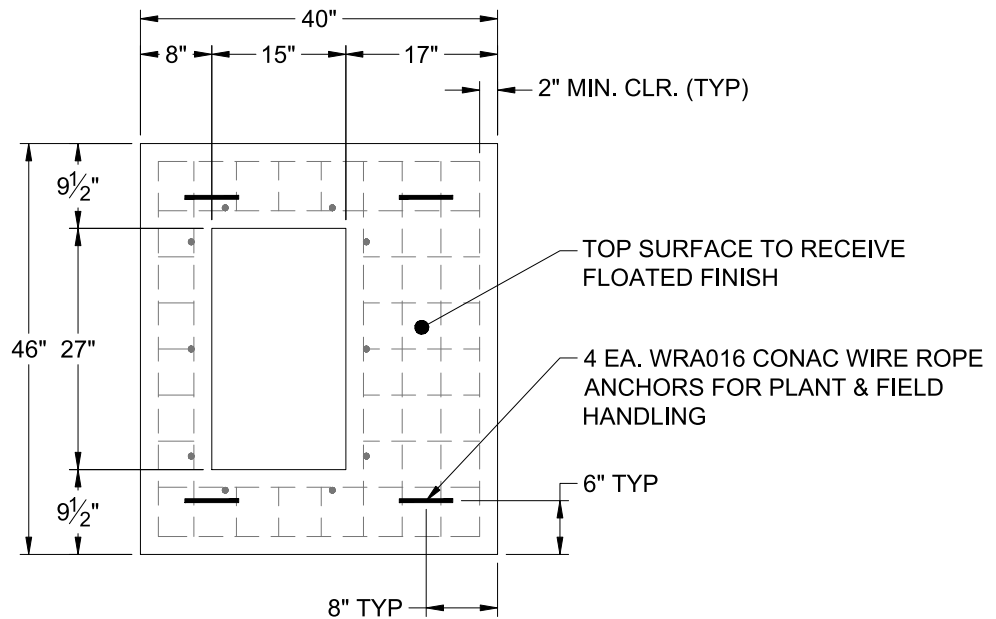
- P4) 15" x 27" - P.I.P. - BY OTHERS - 8"
P3) 24" x 30" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8"
P2) 24" x 30" - BOX RISER 8inW F/G - 24"
P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht T/n - 35"
1) CASTING - HOE KY-230-G F/G (GRADE)
2) 24" x 30" - Conseal CS-102 1.00"
1) 15" x 27" - Conseal CS-102 1.00"
2) Hole - 24
2) Hole - 4

Structure Total: 7432 lb

Structure Notes:

** KYTC STATE PROJECT **

1. PER KYTC DBI 13G / ASTM C-913 SPECS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: DOUBLE MAT #5 BAR @ 6" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. KY-230G FRAME & GRATE SUPPLIED BY ICAST - POURED IN PLACE BY OTHERS
5. WET STICK #5 BAR @ 12" C.C. (GRADE 60) OUT TOP OF FLAT LID AROUND 15" X 27" OPENING FOR FIELD POUR TIE-IN - MIN. 4" PENETRATION INTO FLAT LID
6. LIFTERS: 4 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
7. TOP SURFACE TO RECEIVE FLOATED FINISH



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 963 lb
Volume (Net): 0.25cu.yd