

Job Name: 26-2485 855358 Fuqua Development
Job Location: Nicholasville, KY
Contractor: Contech Engineering Solutions

Plant: Beaver Dam

6/5/2026 8:57:16 AM

Tech: S. Felletter

PC: C. Goff



Structure ID: 20-CS-12

P3 MH144RSVF

MH RISER Custom Ht T/G

- P5) 24" - CASTING HEIGHT - 4"
P4) 144" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18"
P3) 144" - MH RISER Custom Ht T/G - 79"
P2) 144" - MH RISER Custom Ht T/G - 69"
P1) 144" - MH MONOBASE 14F, Custom Ht T/n - 24"
1) ASSEMBLY REQUIRED - BRACKETS ONLY
1) CVSTENCILING
3) 144" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
2) Hole - 48

- 0 lb
23623 lb
38492 lb
37125 lb
39578 lb
0 lb
0 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. 4" CASTING BY OTHERS
4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE
5. ICAST TO INSTALL BRACKETS ONLY
6. CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE

Structure Total:

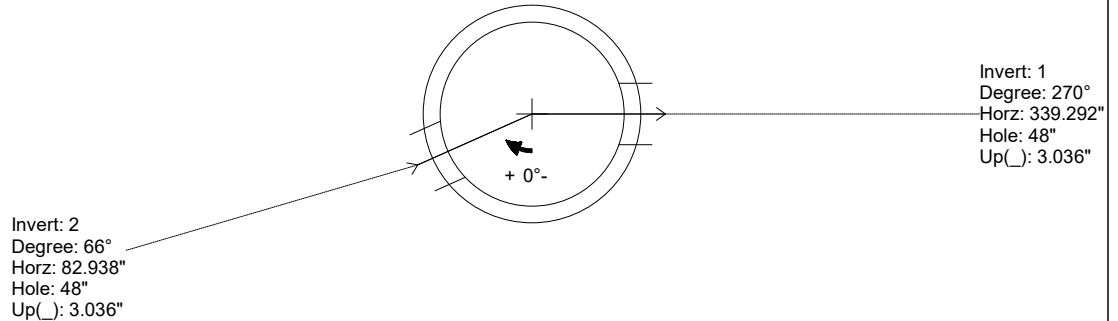
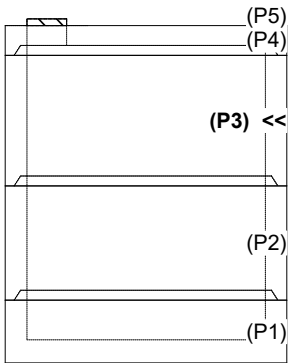
138818 lb

- 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.

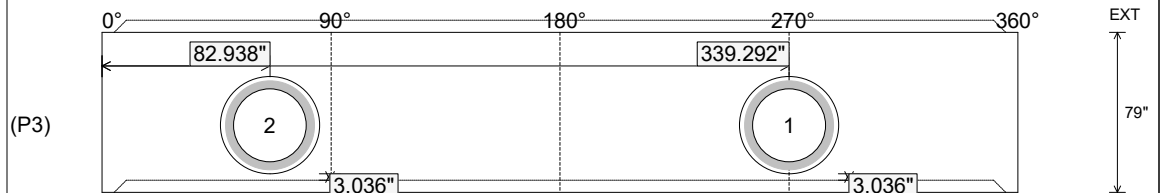
Rim: 1000.5' Rim to Invert: 7.25' Slack: 1.036" Sump: 108.036" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	993.25'	270°	400.553"	36" RCP B WALL	44"	Hole 48	48"	48.937"	3.036"	0"
Invert 2	993.25'	66°	97.913"	36" RCP B WALL	44"	Hole 48	48"	48.937"	3.036"	0"
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

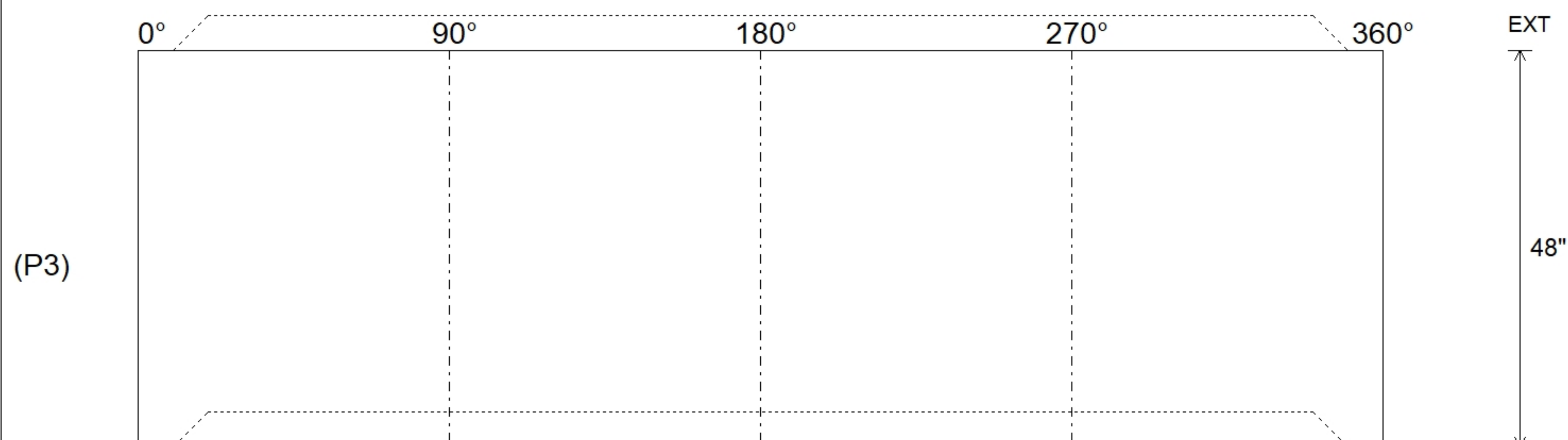
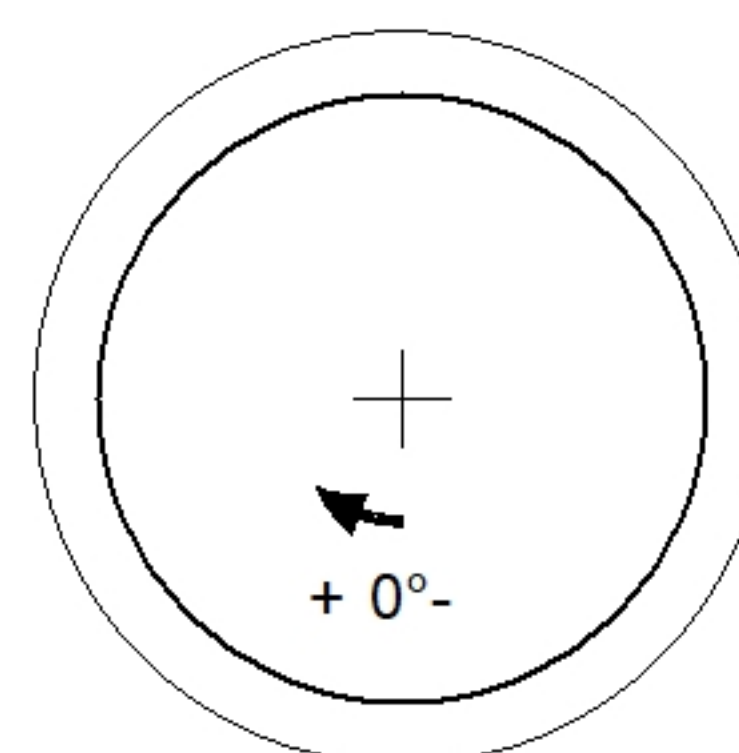
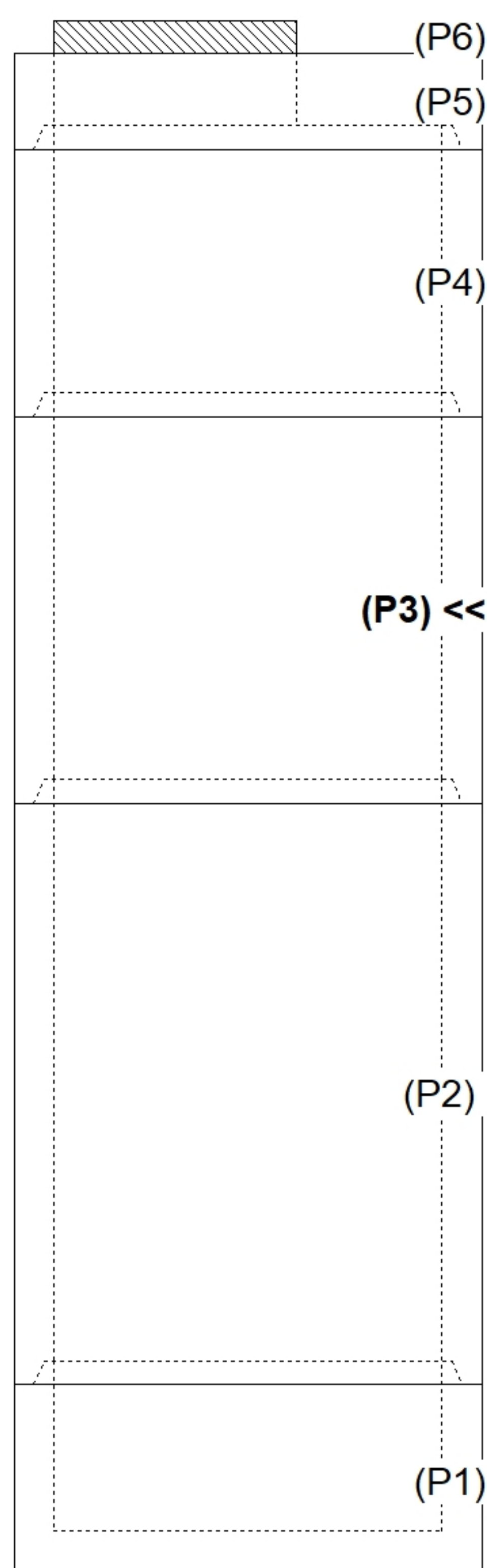
Wall Thickness: 13"
Floor Height: 0"

Height (Int): 79"
Height (Ext): 79"

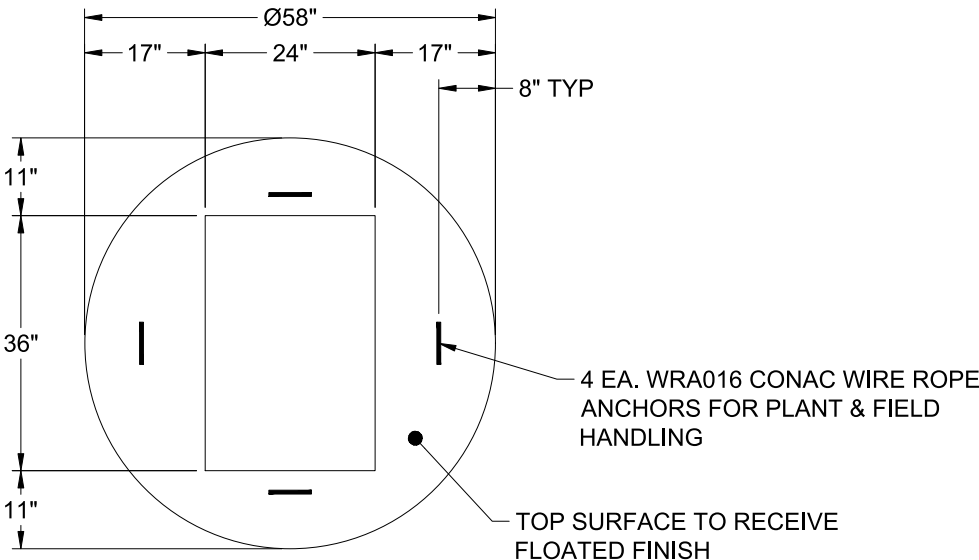
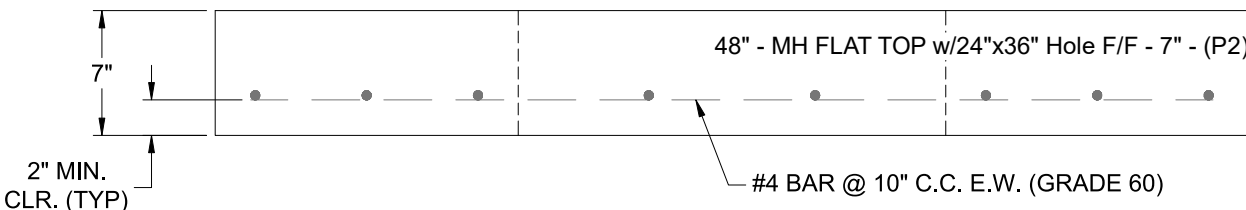
Weight (Net): 38492 lb
Volume (Net): 9.83cu.yd

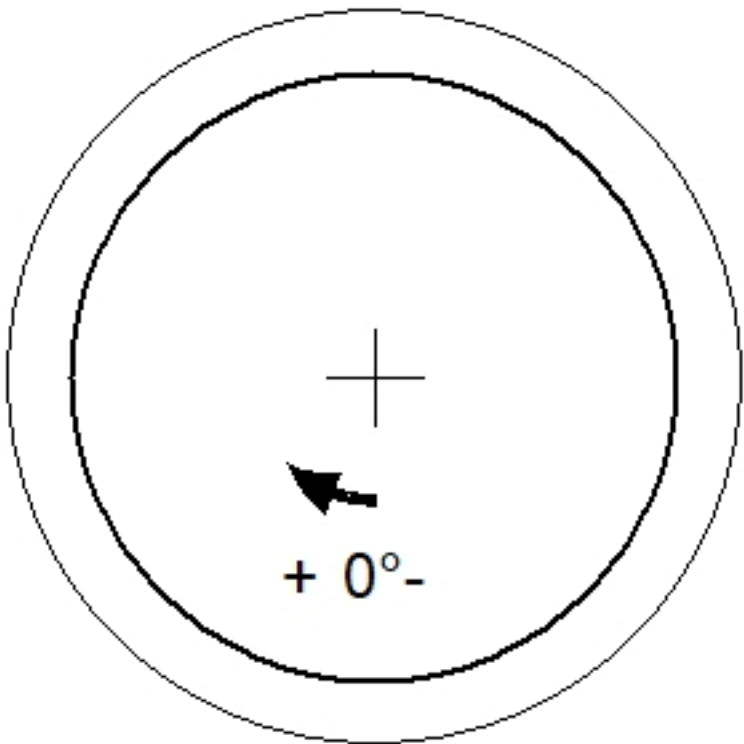
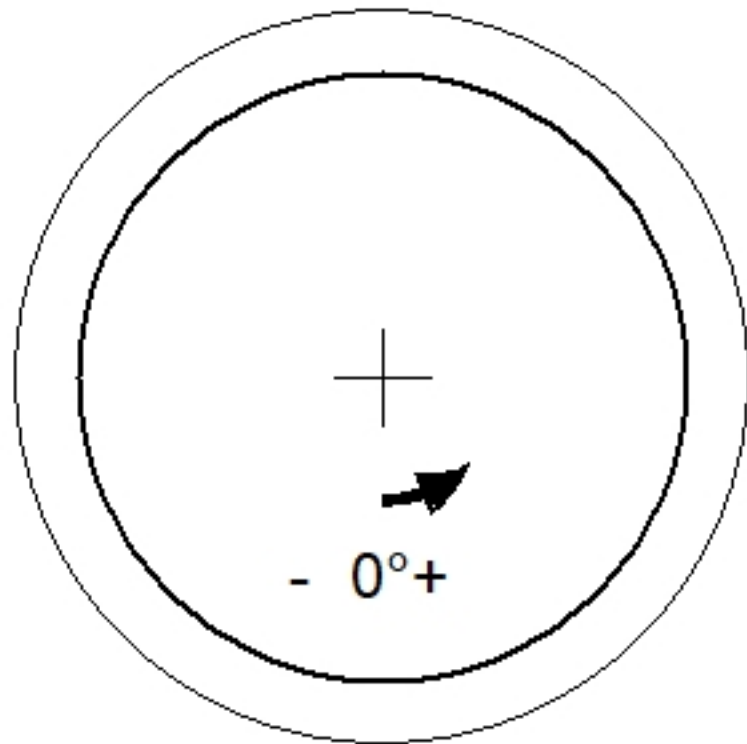
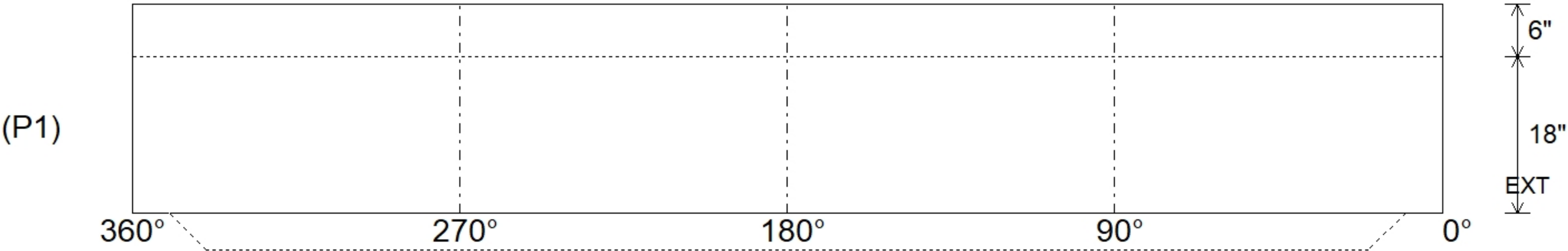


MH RISER T/G

[illegible]

Weight (Net): 3353 lb
Volume (Net): 0.86cu.yd

Job Name: 26-2104 - Jeffersonville High School Parking Lot		Plant: 100	Tech: Jared - A	
Job Location: Jeffersonville, IN		6/27/2026 7:13:18 PM	PC: T. Lewis	
Contractor: Mac Construction & Excavating, Inc.				
Structure ID: 5 ST-CI				
P2 MH048LD07-24X36RECT		MH FLAT TOP w/24"x36" Hole F/F		
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7" P1) 48" - MH BASE F/n - 30" 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 22		0 lb 1044 lb 3151 lb 0 lb 0 lb 0 lb ----- 4195 lb Structure Total:	Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #4 BAR @ 10" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. HOE 525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS 5. LIFTERS: 4 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING 6. TOP SURFACE TO RECEIVE FLOATED FINISH	
				
				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 5"	Height (Ext): 7"	Weight (Net): 1044 lb Volume (Net): 0.27cu.yd

Job Name: 26-2801 900640 QuikTrip No. 0680 Job Location: CPU Contractor: Contech Engineering Solutions					Plant: Beaver Dam 6/25/2026 11:00:28 AM		Tech: S. Felletter PC: C. Goff						
Structure ID: 15-CS-4													
P1			MH048BA18			MH BASE T/n							
P6) 30" - CASTING HEIGHT - 4" P5) 48" - MH FLAT LID w/30in ECC Hole F/G - 12" P4) 48" - MH RISER Custom Ht T/G - 33" P3) 48" - MH RISER T/G - 48" P2) 48" - MH RISER SPECIAL T/G - 72" P1) 48" - MH BASE T/n - 18" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 4) 48" - Conseal CS-102 1.00" 2) PSX - 12-08 NYLO						0 lb 1413 lb 2305 lb 3353 lb 4934 lb 2588 lb 0 lb 0 lb 0 lb 16 lb ----- 14610 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: 610.55' Rim to Invert: 12' Slack: 8" Sump: 51" Step Position:													
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset			
Invert 1													
Invert 2													
Invert 3													
Invert 4													
Invert 5													
Invert 6													
Invert 7													
Invert 8													
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): 18" Height (Ext): 24"		Weight (Net): 2588 lb Volume (Net): 0.66cu.yd			

Job Name: 26-2801 900640 QuikTrip No. 0680 Job Location: CPU Contractor: Contech Engineering Solutions					Plant: Beaver Dam 6/25/2026 11:01:07 AM		Tech: S. Felletter PC: C. Goff					
Structure ID: 15-CS-4												
P2 MH048RS72S			MH RISER SPECIAL T/G									
P6) 30" - CASTING HEIGHT - 4" P5) 48" - MH FLAT LID w/30in ECC Hole F/G - 12" P4) 48" - MH RISER Custom Ht T/G - 33" P3) 48" - MH RISER T/G - 48" P2) 48" - MH RISER SPECIAL T/G - 72" P1) 48" - MH BASE T/n - 18" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 4) 48" - Conseal CS-102 1.00" 2) PSX - 12-08 NYLO						0 lb 1413 lb 2305 lb 3353 lb 4934 lb 2588 lb 0 lb 0 lb 0 lb 16 lb ----- 14610 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: 610.55' Rim to Invert: 12' Slack: 8" Sump: 51" Step Position:												
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	598.55'	270°	136.659"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	26.75"	0"		
Invert 2	598.55'	339°	171.583"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	26.75"	0"		
Invert 3												
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												

RIGHT-SIDE UP VIEW (int. dimensions)

(P6)

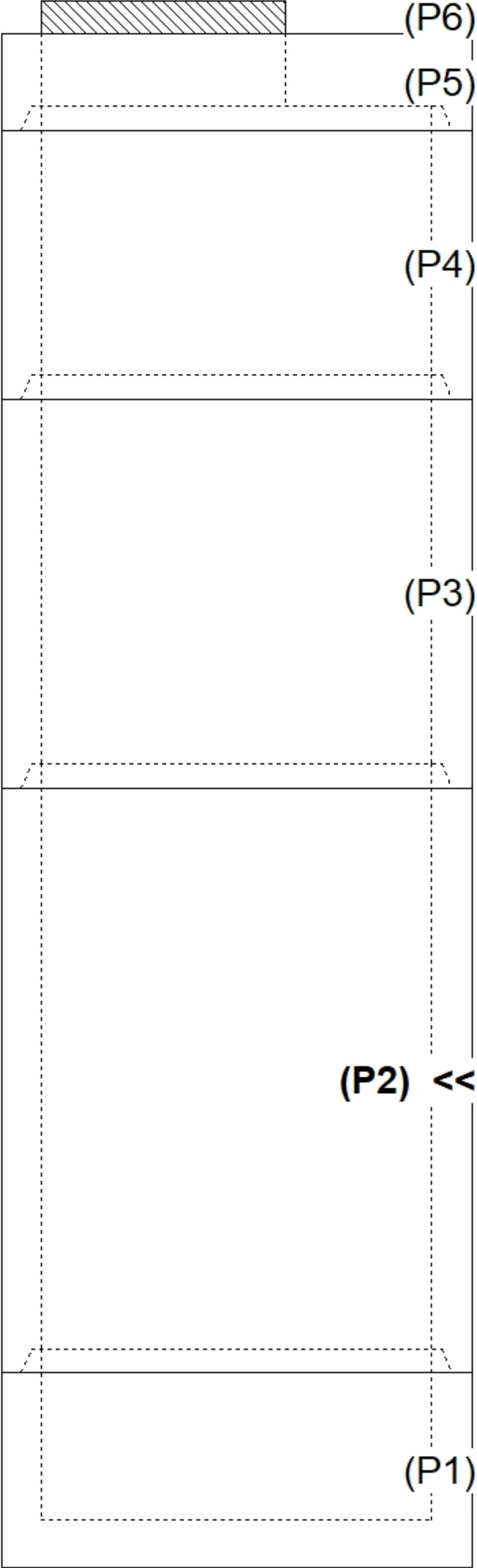
(P5)

(P4)

(P3)

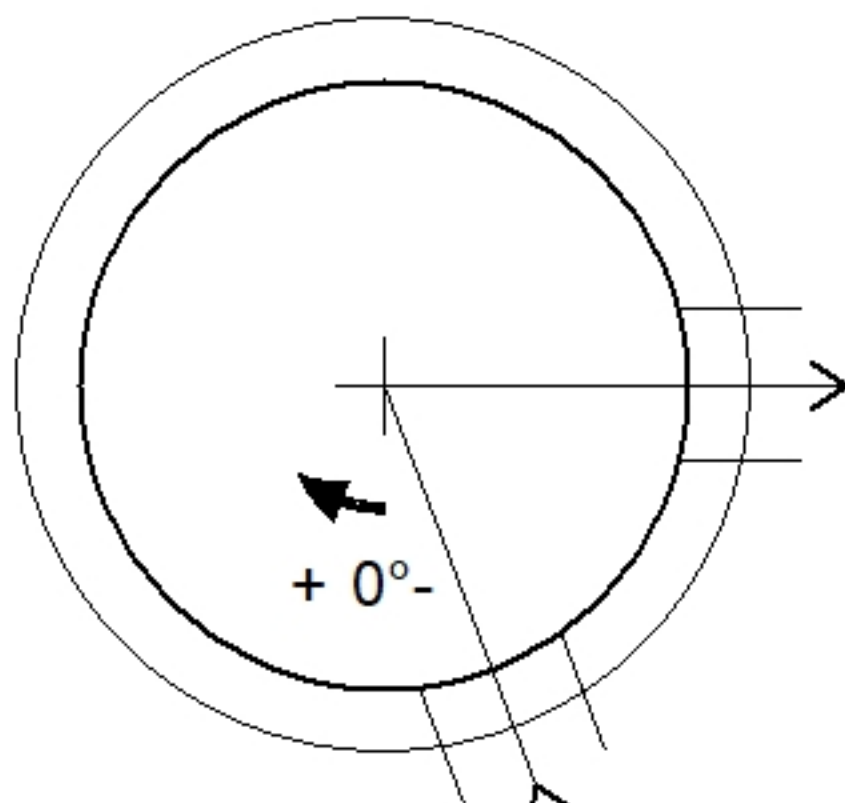
(P2) <<

(P1)



Invert: 1
Degree: 270°
Horz: 113.097"
Hole: 12"
Up(): 26.75"

Invert: 2
Degree: 339°
Horz: 142"
Hole: 12"
Up(): 26.75"



INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

EXT

72"

26.75"

26.75"

113.097"

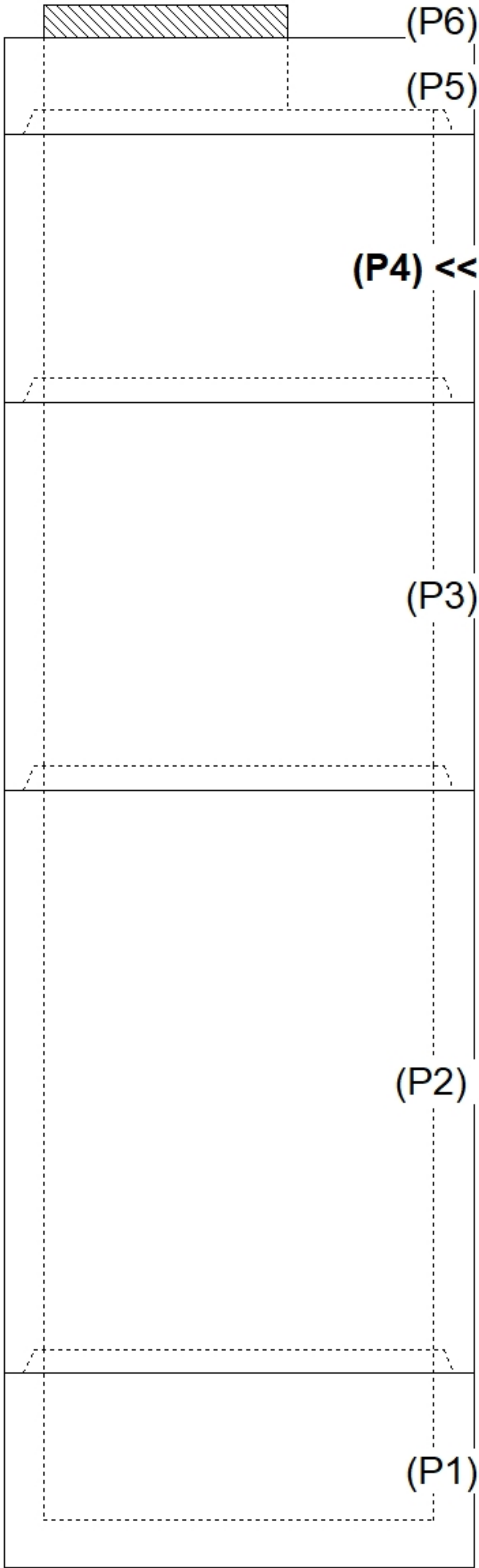
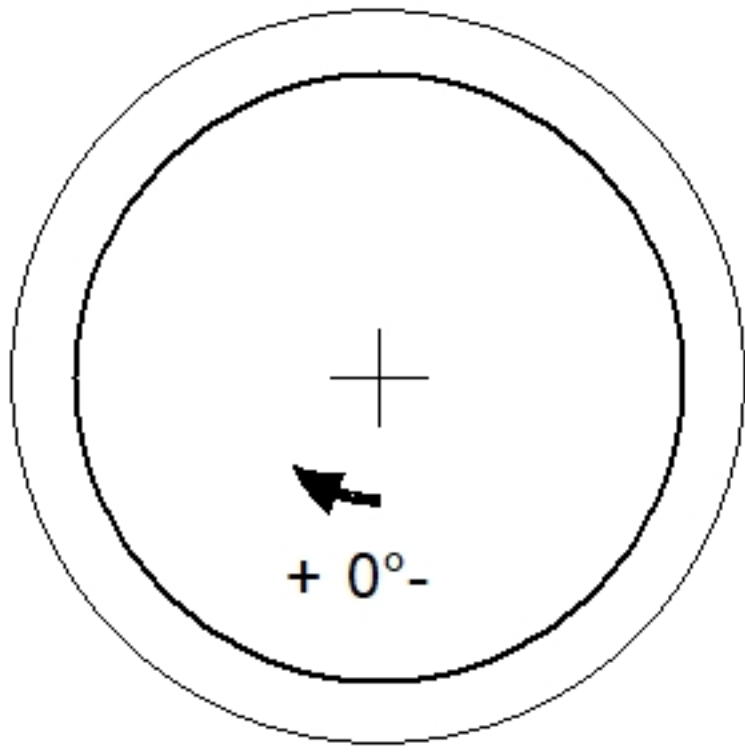
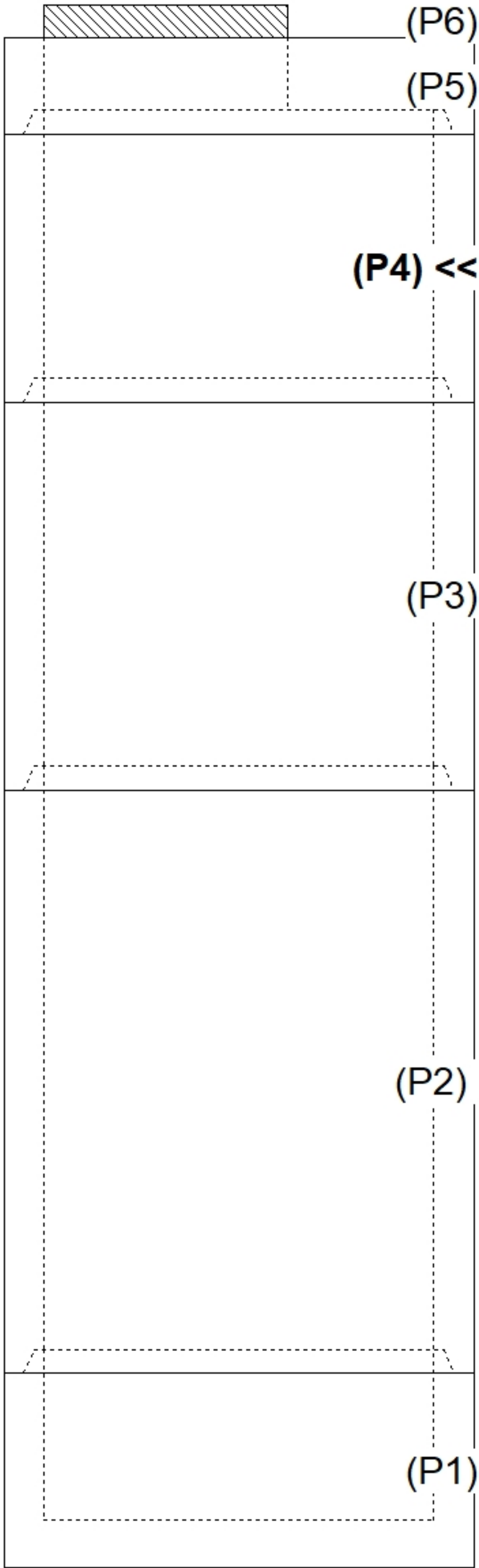
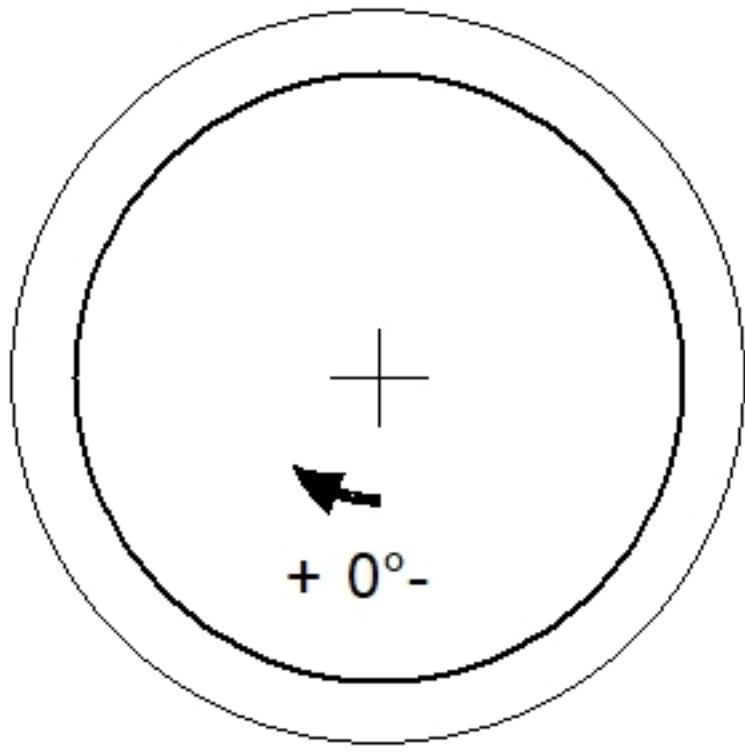
142"

1

2

(P2)

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 72" Height (Ext): 72"	Weight (Net): 4934 lb Volume (Net): 1.26cu.yd
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Job Name: 26-2801 900640 QuikTrip No. 0680 Job Location: CPU Contractor: Contech Engineering Solutions					Plant: Beaver Dam 6/25/2026 11:01:08 AM		Tech: S. Felletter PC: C. Goff						
Structure ID: 15-CS-4													
P4		MH048RSVF		MH RISER Custom Ht T/G									
P6) 30" - CASTING HEIGHT - 4" P5) 48" - MH FLAT LID w/30in ECC Hole F/G - 12" P4) 48" - MH RISER Custom Ht T/G - 33" P3) 48" - MH RISER T/G - 48" P2) 48" - MH RISER SPECIAL T/G - 72" P1) 48" - MH BASE T/n - 18" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 4) 48" - Conseal CS-102 1.00" 2) PSX - 12-08 NYLO						0 lb 1413 lb 2305 lb 3353 lb 4934 lb 2588 lb 0 lb 0 lb 0 lb 16 lb ----- 14610 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: 610.55' Rim to Invert: 12' Slack: 8" Sump: 51" Step Position:													
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset			
Invert 1													
Invert 2													
Invert 3													
Invert 4													
Invert 5													
Invert 6													
Invert 7													
Invert 8													
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): 33" Height (Ext): 33"		Weight (Net): 2305 lb Volume (Net): 0.59cu.yd			

Job Name: 26-2801 900640 QuikTrip No. 0680				Plant: Beaver Dam		Tech: S. Felletter				
Job Location: CPU				6/25/2026 11:01:05 AM		PC: C. Goff				
Contractor: Contech Engineering Solutions										
Structure ID: 10-CS-4										
P2		MH048RS72S			MH RISER SPECIAL T/G					
P5) 30" - CASTING HEIGHT - 4" P4) 48" - MH FLAT LID w/30in ECC Hole F/G - 12" P3) 48" - MH RISER T/G - 30" P2) 48" - MH RISER SPECIAL T/G - 72" P1) 48" - MH BASE T/n - 18" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 3) 48" - Conseal CS-102 1.00" 2) PSX - 12-08 NYLO						0 lb 1413 lb 2096 lb 4934 lb 2588 lb 0 lb 0 lb 0 lb 16 lb ----- Structure Total: 11047 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: 609.6'		Rim to Invert: 7.6'		Slack: 6.2"		Sump: 51"		Step Position:		
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	602'	270°	136.659"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	26.75"	0"
Invert 2	602'	196°	99.205"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	26.75"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

(P5)

(P4)

(P3)

(P2) <<

(P1)

Invert: 2

Degree: 196°

Horz: 82.1"

Hole: 12"

Up(): 26.75"

Invert: 1

Degree: 270°

Horz: 113.097"

Hole: 12"

Up(): 26.75"

0°

90°

180°

270°

360°

82.1"

113.097"

26.75"

26.75"

2

1

EXT

72"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

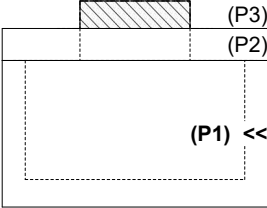
Height (Int): 72"

Height (Ext): 72"

Weight (Net): 4934 lb

Volume (Net): 1.26cu.yd

Job Name: 26-2104 - Jeffersonville High School Parking Lot Job Location: Jeffersonville, IN Contractor: Mac Construction & Excavating, Inc.					Plant: 100 6/27/2026 7:12:37 PM		Tech: Jared - A PC: T. Lewis				
Structure ID: 6 ST-CI											
P1 MH048BAVF		MH BASE Custom Ht F/n									
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7" P1) 48" - MH BASE Custom Ht F/n - 26" 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 18"					0 lb 1044 lb 2929 lb 0 lb 0 lb 0 lb Structure Total: 3973 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. STORM INVERT BY OTHERS 5. NO STEPS 6. HOE 525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS				
Rim: 483.89' Rim to Invert: 3.18' Slack: 1.16" Sump: 2" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	480.71'	0°	0"	12" RCP B WALL	16"	Hole 18	18"	18.451"	0"	0"	
Invert 2	480.71'	175°	88.625"	12" RCP B WALL	16"	Hole 18	18"	18.451"	0"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



RIGHT-SIDE UP VIEW (int. dimensions)

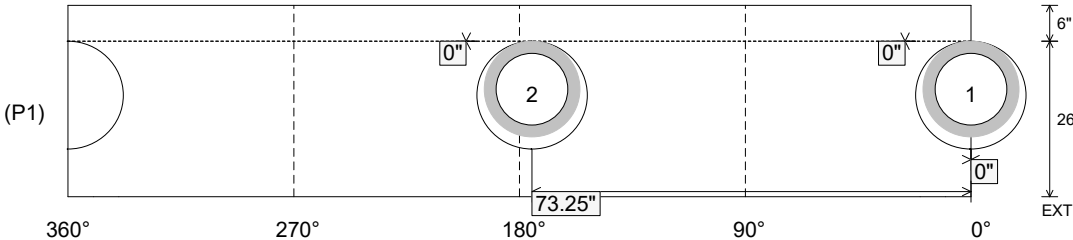
UPSIDE-DOWN VIEW (int. dimensions)

INVERT DATA

Invert: 2
Degree: 175°
Horz: 73.25"
Hole: 18"
Up(): 0"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 18"
Up(): 0"

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 26" Height (Ext): 32"	Weight (Net): 2929 lb Volume (Net): 0.75cu.yd
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Job Name: 26-2104 - Jeffersonville High School Parking Lot Job Location: Jeffersonville, IN Contractor: Mac Construction & Excavating, Inc.					Plant: 100		Tech: Jared - A			
					6/27/2026 7:12:36 PM		PC: T. Lewis			
Structure ID: 7 ST-CI										
P1 MH048BAVF			MH BASE Custom Ht F/n							
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7" P1) 48" - MH BASE Custom Ht F/n - 22" 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 3) Hole - 18"					0 lb 1044 lb 2475 lb 0 lb 0 lb 0 lb _____ 3519 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. STORM INVERT BY OTHERS 5. NO STEPS 6. HOE 525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS			
Rim: 483.85' Rim to Invert: 2.83' Slack: 0.96" Sump: 2" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	481.02'	0°	0"	12" RCP B WALL	16"	Hole 18	18"	18.451"	0"	0"
Invert 2	481.05'	106°	53.625"	12" RCP B WALL	16"	Hole 18	18"	18.451", 11.466"	0.375"	0"
Invert 3	481.05'	246°	124.5"	12" RCP B WALL	16"	Hole 18	18"	18.451"	0.375"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

INSIDE WALL DIMENSIONS

Coating (Int):	Seam Up: Flat	Wall Thickness: 5"	Height (Int): 22"	Weight (Net): 2475 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 28"	Volume (Net): 0.63cu.yd

Job Name: 26-2104 - Jeffersonville High School Parking Lot

Job Location: Jeffersonville, IN

Contractor: Mac Construction & Excavating, Inc.

Plant: 100

6/27/2026 7:12:47 PM

Tech: Jared - A

PC: T. Lewis



Structure ID: 5 ST-CI

P1MH048BA30

MH BASE F/n

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

P2) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7"

P1) 48" - MH BASE F/n - 30"

1) 48" - Conseal CS-102 1.00"

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

1) Hole - 22

0 lb

1044 lb

3151 lb

0 lb

0 lb

0 lb

Structure Total: 4195 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: PER ASTM A615

4. STORM INVERT BY OTHERS

5. NO STEPS

6. HOE 525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS

Rim: 484.07'

Rim to Invert: 3.55'

Slack: 1.85"

Sump: 2.25"

Step Position: 180°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	480.52'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854", 15.213"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

Invert: 1

Degree: 0°

Horz: 0"

Hole: 22"

Up(): 0"

INSIDE WALL DIMENSIONS

(P1)

360°

270°

180°

90°

0°

EXT

6"

30"

0"

0"

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 30"

Height (Ext): 36"

Weight (Net): 3151 lb

Volume (Net): 0.8cu.yd

Job Name: 26-2080 - The Cumberland

Job Location: Bowling Green, KY

Contractor: J & J Concrete & Excavating, LLC

Plant: 100

6/22/2026 6:25:17 PM

Tech: Jared - A

PC: E. Bradley



Structure ID: A2 SS-MH

P2 MH048RS36

MH RISER T/G

P4) 24" - CASTING HEIGHT - 7"

P3) 48" - ECC CONE w/ 24" HOLE F/G - 24"

P2) 48" - MH RISER T/G - 36"

P1) 48" - MH BASE Custom Ht T/n - 31"

2) JOINT WRAP - 12" WD x 048" MAC WRAP

1) 48" - MH INVERT CHANNEL - FULL HEIGHT

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

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

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

3) A-Lok - 0285

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

0 lb

1550 lb

2515 lb

3401 lb

0 lb

1440 lb

271 lb

0 lb

0 lb

0 lb

3 lb

0 lb

Structure Total: 9180 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: PER ASTM A615

4. STEPS AT 0 DEGREES

5. HOE MC-375 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 531.37'

Rim to Invert: 8.2'

Slack: 2.4"

Sump: 2"

Step Position: 0°

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

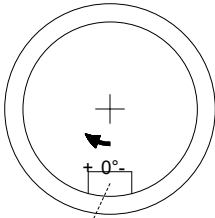
(P4)

(P3)

(P2) <<

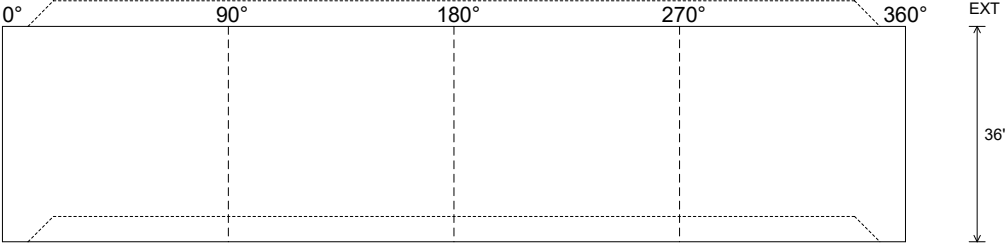
(P1)

RIGHT-SIDE UP VIEW (int. dimensions)



Step: 0°
Horz: 0"

INSIDE WALL DIMENSIONS



(P2)

EXT 36"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 36"

Height (Ext): 36"

Weight (Net): 2515 lb

Volume (Net): 0.64cu.yd

Job Name: 26-1453 Clarksville, TN SPC13A
Job Location: Clarksville, TN
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam

6/23/2026 8:24:29 AM

Tech: J. Coppage

PC: C. Goff



Structure ID: 13A-SS-MH-001

P1 MH048DHVFCDARED

MH DH RISER Custom Ht, w/ConBlock-CDA Red

- P3) 24" - CASTING HEIGHT - 6"
P2) 48" - MH FLAT TOP w/24" Hole ECC w/ConBlock-CDA Red - 12"
P1) 48" - MH DH RISER Custom Ht, w/ConBlock-CDA Red - 36"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
2) DOGHOUSE - 10"x10"
1) Z-Lok - C107-3
3) MH Step ML-10-TDS-NCR - 10"

- 0 lb
1580 lb
2426 lb
0 lb
0 lb
0 lb
0 lb
0 lb
1 lb
0 lb
- Structure Notes:** 1. JBS-1155 SANITARY 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.

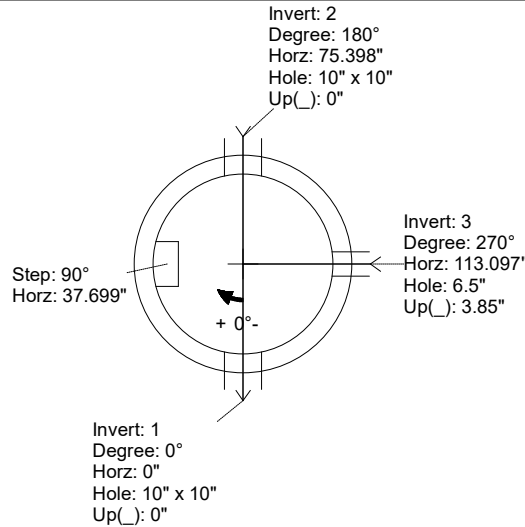
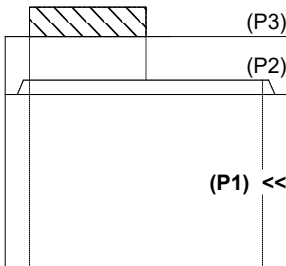
Structure Total: 4007 lb

Rim: 537.34' Rim to Invert: 4.34' Slack: 0.08" Sump: 2" Step Position: 90°

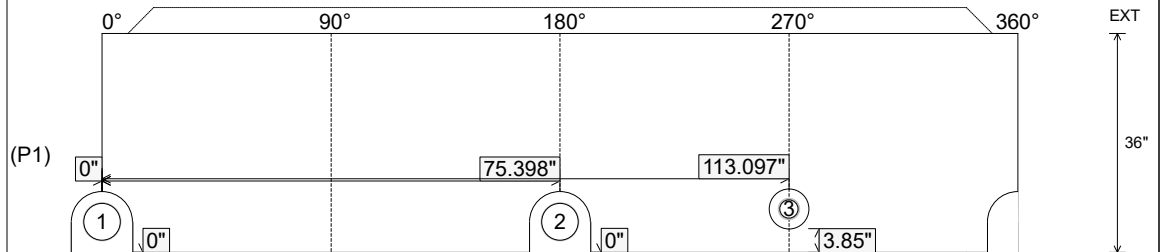
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	533'	0°	0"	6" PVC SDR26	6.25"	DOGHOUSE 10"x10"	10" x 10"	10.074"	0"	0"
Invert 2	533'	180°	91.106"	6" PVC SDR26	6.25"	DOGHOUSE 10"x10"	10" x 10"	10.074"	0"	0"
Invert 3	533.3'	270°	136.659"	3" DI	3.5"	Z-Lok C107-3	6.5"	6.52"	3.85"	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: Flat

Wall Thickness: 5"
Floor Height: 0"

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

Weight (Net): 2426 lb
Volume (Net): 0.62cu.yd

Job Name: 26-1453 Clarksville, TN SPC13A
Job Location: Clarksville, TN
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam

6/23/2026 8:59:38 AM

Tech: J. Coppage

PC: C. Goff



Structure ID: 13A-PS-MH-004

P3 MH048RS36SCDARED

MH RISER w/DROP/ConBlock-CDA Red

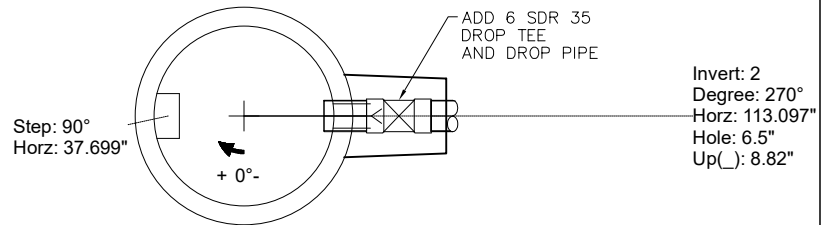
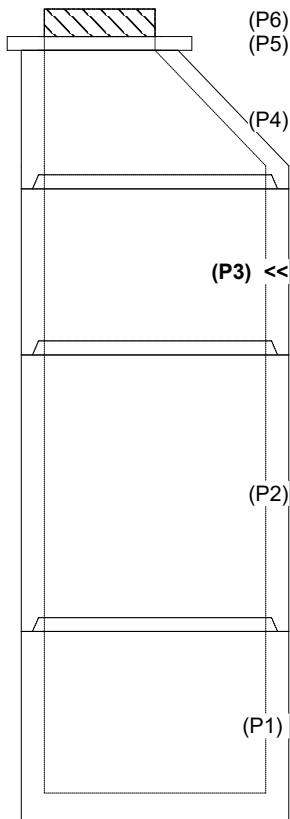
- P6) 24" - CASTING HEIGHT - 6"
P5) 24" - GRADE RING w/ConBlock-CDA Red - 3"
P4) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 30"
P3) 48" - MH RISER w/DROP/ConBlock-CDA Red - 36"
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 60"
P1) 48" - MH BASE w/DROP Cust. Ht/ConBlock-CDA Red - 35"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 60" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
3) 48" - Conseal CS-102 1.00" (Double)
2) 24" - Conseal CS-102 1.00" (Double)
1) A-Lok - 0410
1) Drop Tee - 6" PVC
1) Drop Elbow - 6" PVC
14) MH Step ML-10-TDS-NCR - 10"

- 0 lb
202 lb
1961 lb
2501 lb
4192 lb
3698 lb
0 lb
0 lb
2962 lb
0 lb
0 lb
1 lb
0 lb
0 lb
0 lb
- Structure Notes: 1. JBS-1155 SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
5. BASE AND 60" RISER OF STRUCTURE HAVE BEEN PREVIOUSLY PRODUCED STRUCTURE ID PS-MH-004-5SS-MHD. INVERT 2 OF EXISTING BASE TO BE PLUGGED AS INVERT IS NO LONGER NEEDED.

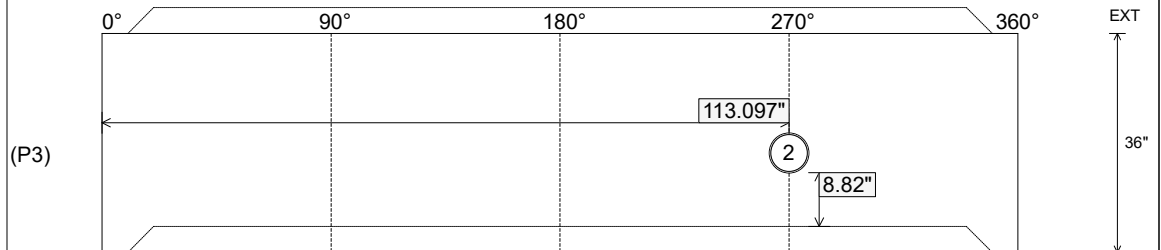
Rim: 542.65' Rim to Invert: 14' Slack: 0" Sump: 2" Step Position: 135'

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2	537.51'	270°	136.659"	6" PVC SDR26	6.25"	Drop Tee 6" PVC	6.5"	6.52"	8.82"	0"
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

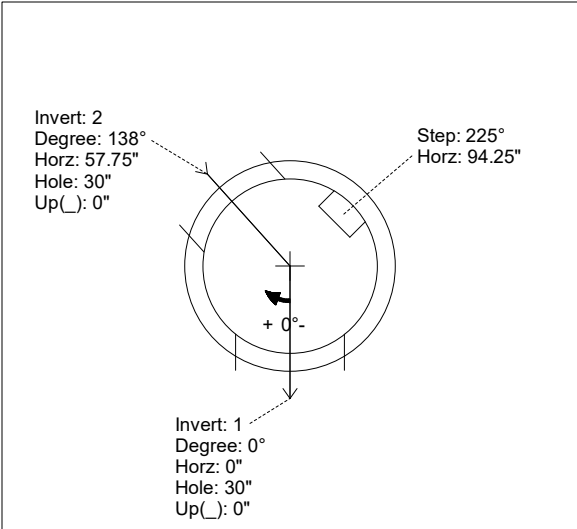
Wall Thickness: 5"
Floor Height: 0"

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

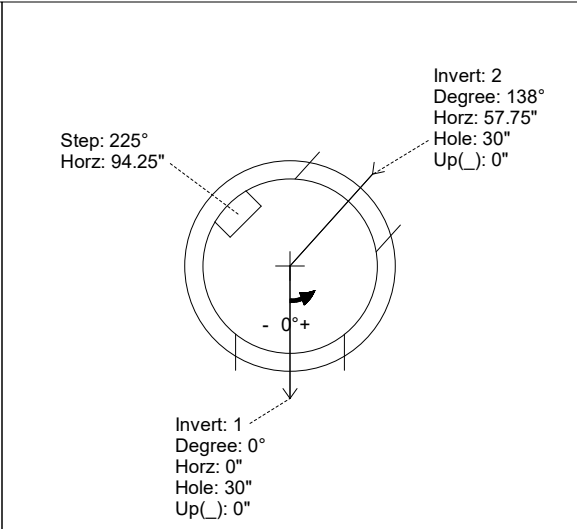
Weight (Net): 2501 lb
Volume (Net): 0.64cu.yd

Job Name: 26-2080 - The Cumberland Job Location: Bowling Green, KY Contractor: J & J Concrete & Excavating, LLC					Plant: 100 6/22/2026 6:23:26 PM		Tech: Jared - A PC: E. Bradley				
Structure ID: C3 ST-CI											
P1 MH048BA36		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 - 36" 1) CASTING - HOE 525 SET (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 30 3) MH Step ML-10-TDS-NCR - 10"						0 lb 1300 lb 3213 lb 442 lb 0 lb 0 lb 0 lb 0 lb 0 lb ----- 4955 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. STEPS AT 225 DEGREES 5. HOE 525 FRAME, FLAT GRATE, & CURB HOOD SUPPLIED BY ICAST			
Rim: 531.24' Rim to Invert: 4.58' Slack: 2.86" Sump: 1.9" Step Position: 225°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	526.66'	0°	0"	24" HDPE	27.8"	Hole 30	30"	32.406"	0"	0"	
Invert 2	526.66'	138°	69.875"	24" HDPE	27.8"	Hole 30	30"	32.406"	0"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

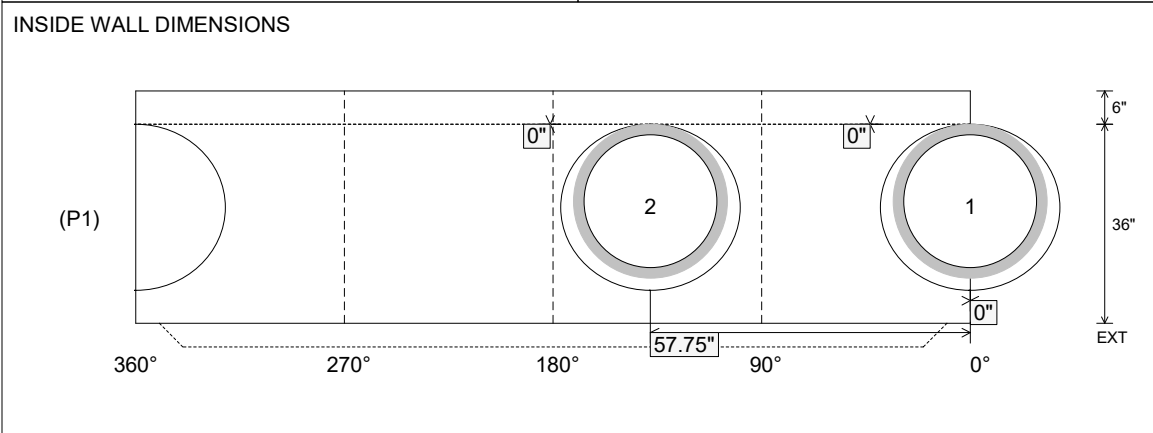
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

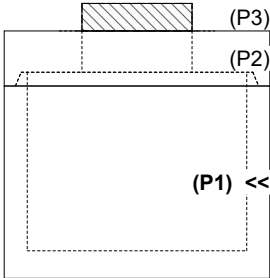
Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

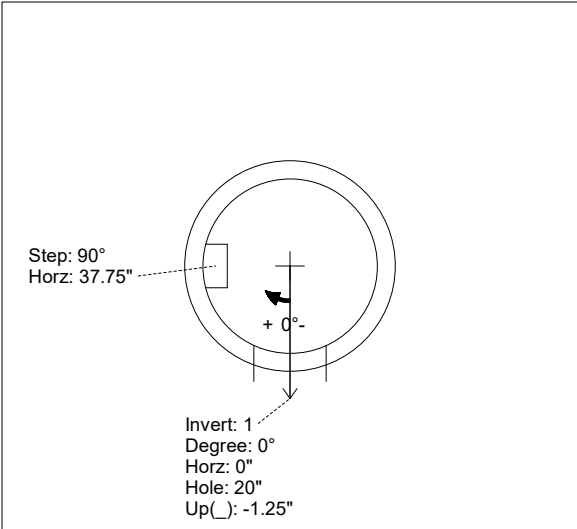
Height (Int): 36"
Height (Ext): 42"

Weight (Net): 3213 lb
Volume (Net): 0.82cu.yd

Job Name: 26-2080 - The Cumberland Job Location: Bowling Green, KY Contractor: J & J Concrete & Excavating, LLC				Plant: 100 6/22/2026 6:23:25 PM		Tech: Jared - A PC: E. Bradley				
Structure ID: B3 ST-CI										
P1 MH048BA36				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 - 36" 1) CASTING - HOE 525 SET (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 20 3) MH Step ML-10-TDS-NCR - 10" Structure Total: 5452 lb						0 lb 1300 lb 3710 lb 442 lb 0 lb 0 lb 0 lb 0 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. STEPS AT 90 DEGREES 5. HOE 525 FRAME, FLAT GRATE, & CURB HOOD SUPPLIED BY ICAST		
Rim: 530.35' Rim to Invert: 4.74' Slack: 2.88" Sump: 0" Step Position: 90°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	525.61'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	-1.25"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



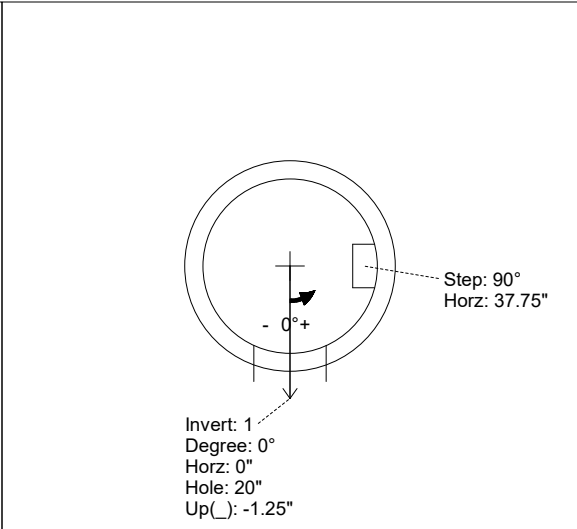
RIGHT-SIDE UP VIEW (int. dimensions)



Step: 90°
Horz: 37.75"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 20"
Up(): -1.25"

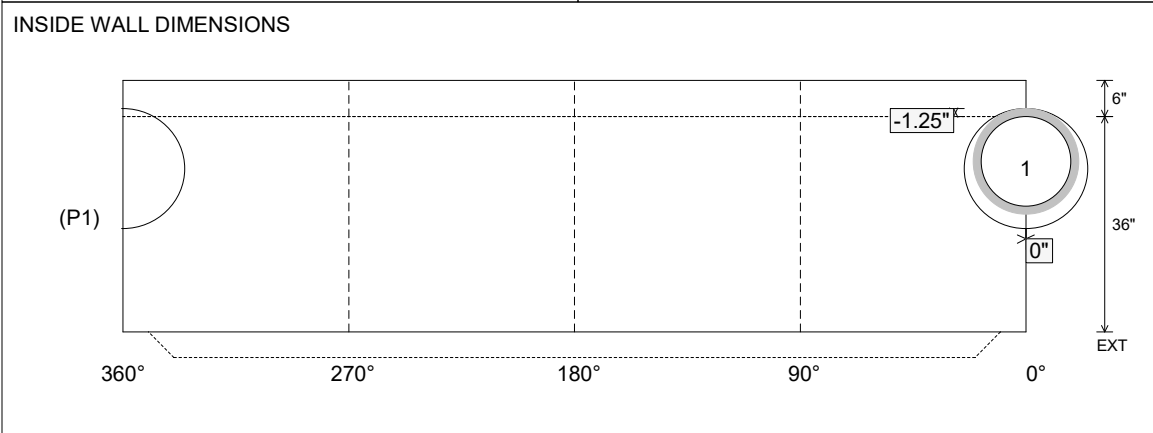
UPSIDE-DOWN VIEW (int. dimensions)



Step: 90°
Horz: 37.75"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 20"
Up(): -1.25"

INSIDE WALL DIMENSIONS



360° 270° 180° 90° 0°

6" 36" 0" -1.25"

EXT

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 36" Height (Ext): 42"	Weight (Net): 3710 lb Volume (Net): 0.95cu.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 10:40:17 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R5B

P2 MH048LD10SP

MH FLAT TOP - TDOT NO 10 (20"x34" Hole) F/F

P3) 20" x 34" - CASTING HEIGHT - 7"
P2) 48" - MH FLAT TOP - TDOT NO 10 (20"x34" Hole) F/F - 10"
P1) 48" - MH BASE Custom Ht F/n - 64"
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT
1) CASTING - JBS 3123 MODIFIED SET
1) 48" - SGL 1"x14.5' Butyl (2x)
1) Hole - 26

Structure Total:

0 lb
1646 lb
5568 lb
1075 lb
250 lb
0 lb
0 lb
8539 lb

Structure Notes:

1. PER TDOT D-CB-10RA / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS-3123 MOD SET).

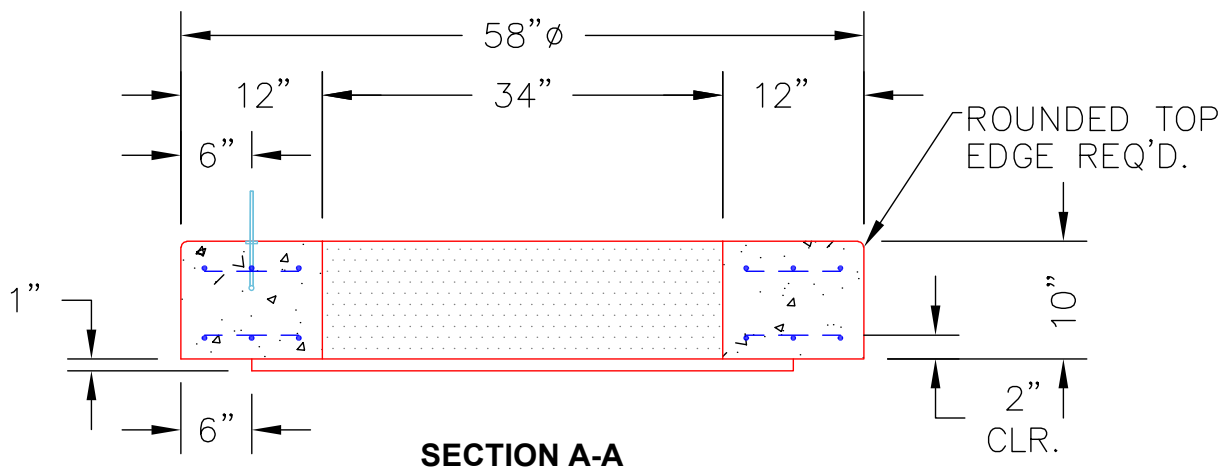
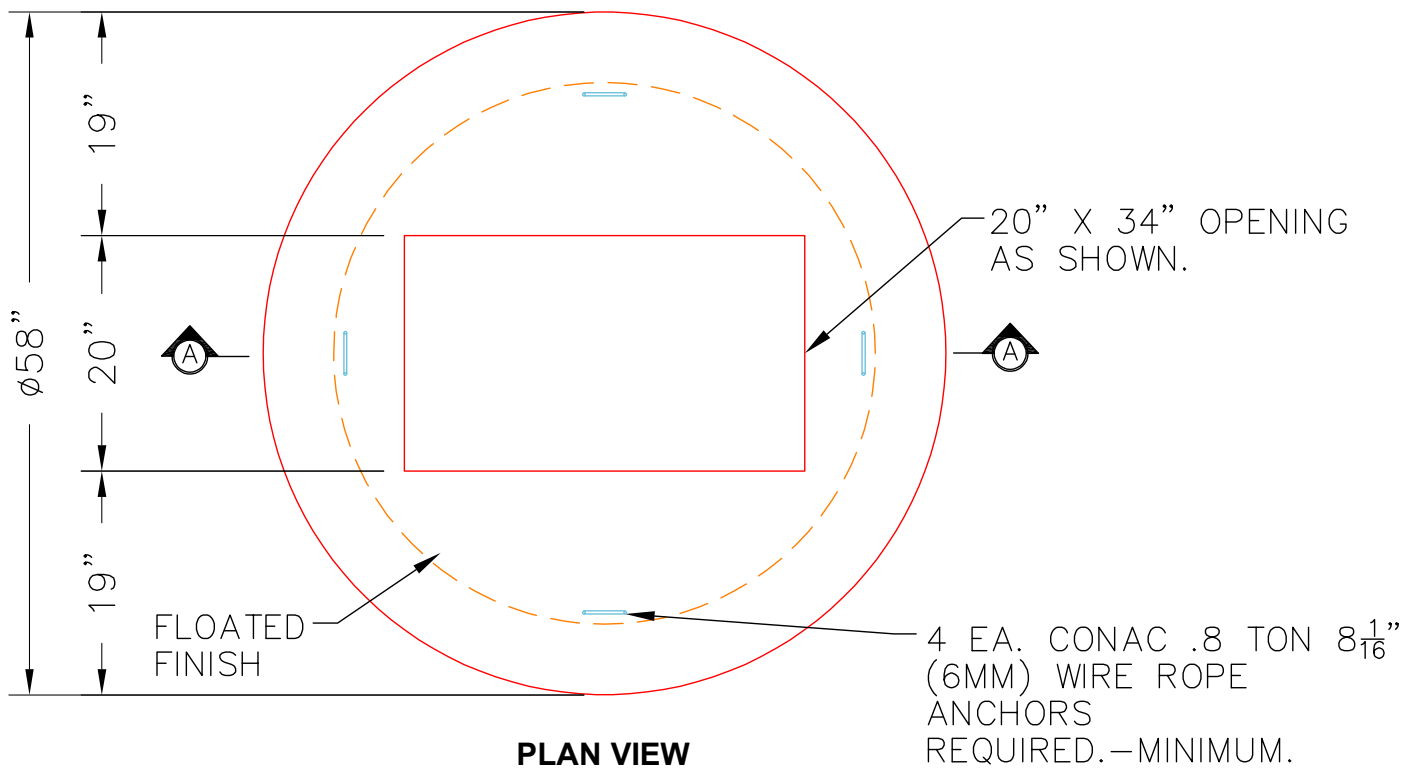
REINFORCING PER ASTM A615 (GRADE 60).

** PER TDOT STD DRAWING D-CB-10RA **

- TOP SLAB - DBL MAT #5 BARS.

- RISER (As .24)

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



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 5"

Height (Ext): 10"

Weight (Net): 1646 lb
Volume (Net): 0.42cu.yd

Job Name: 25-1401 Irwin Landing Ph. 1
Job Location: Murfreesboro, TN
Contractor: Bear Construction LLC

Plant: Beaver Dam
6/9/2026 10:40:16 AM

Tech: S. Felletter
PC: Erica Bradley



Structure ID: R5A

P2 MH048LD10SP

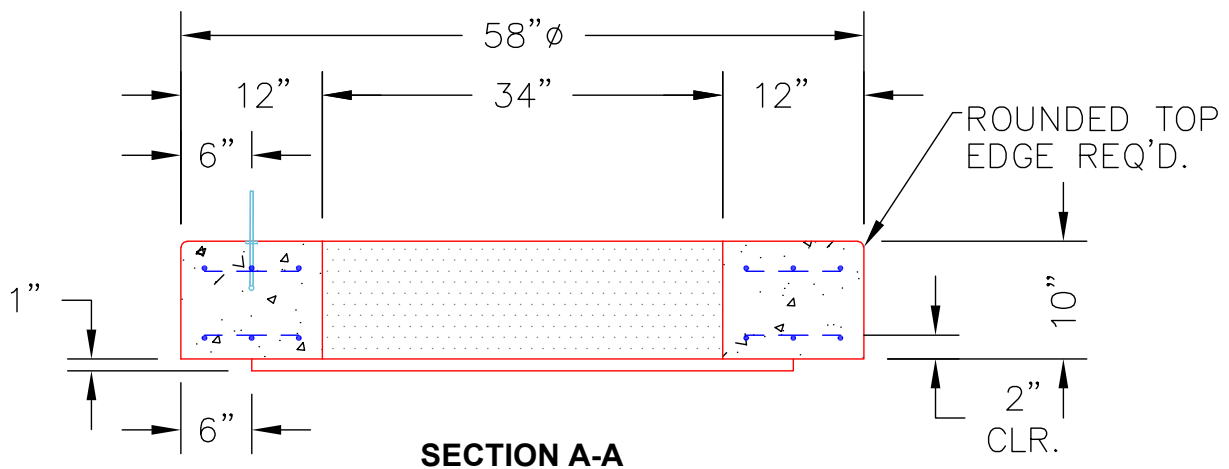
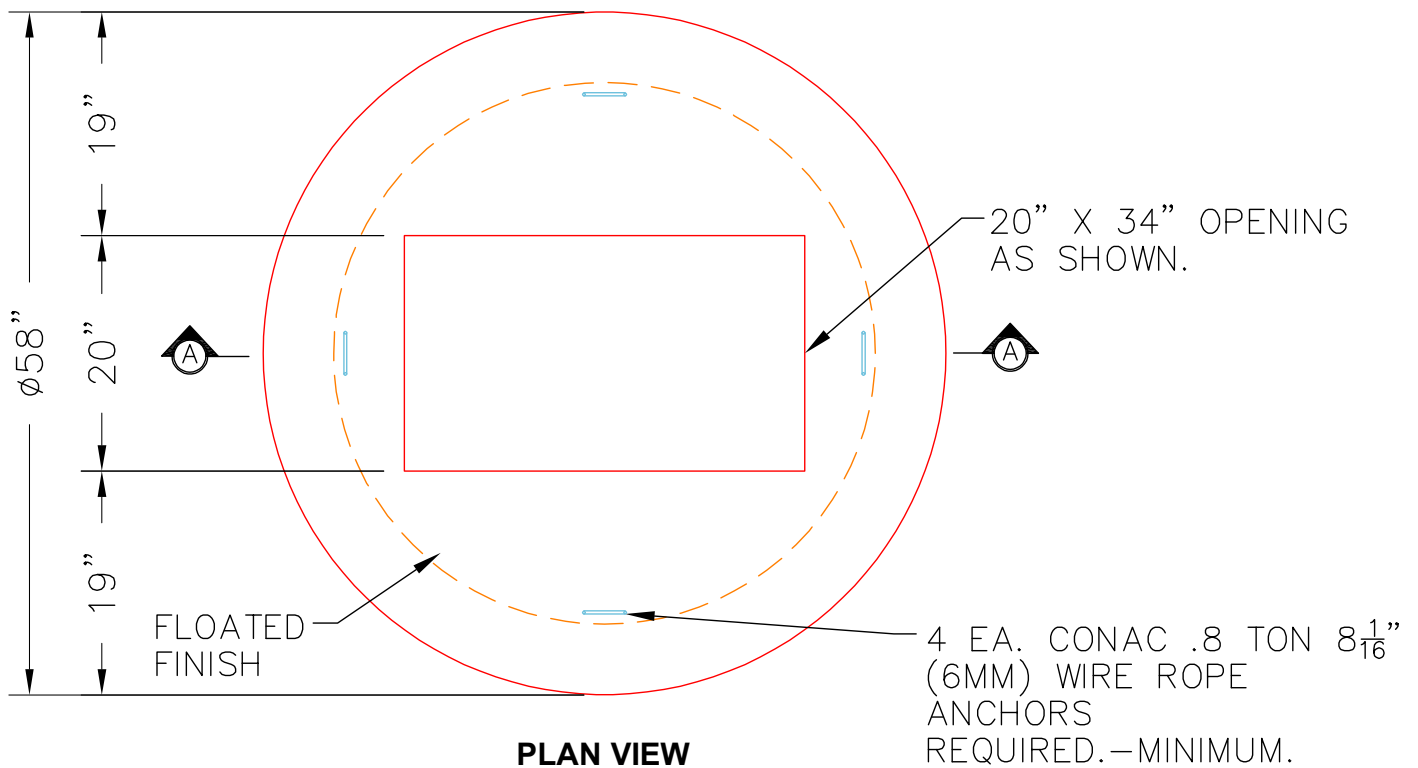
MH FLAT TOP - TDOT NO 10 (20"x34" Hole) F/F

P3) 20" x 34" - CASTING HEIGHT - 7"
P2) 48" - MH FLAT TOP - TDOT NO 10 (20"x34" Hole) F/F - 10"
P1) 48" - MH BASE Custom Ht F/n - 65"
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT
1) CASTING - JBS 3123 MODIFIED SET
1) 48" - SGL 1"x14.5' Butyl (2x)
2) Hole - 26

0 lb
1646 lb
5405 lb
1075 lb
250 lb
0 lb
0 lb

Structure Total: 8376 lb

Structure Notes:
1. PER TDOT D-CB-10RA / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS-3123 MOD SET).
REINFORCING PER ASTM A615 (GRADE 60).
** PER TDOT STD DRAWING D-CB-10RA **
- TOP SLAB - DBL MAT #5 BARS.
- RISER (As .24)
- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 5"

Height (Ext): 10"

Weight (Net): 1646 lb
Volume (Net): 0.42cu.yd

Job Name: 25-1401 Irwin Landing Ph. 1
Job Location: Murfreesboro, TN
Contractor: Bear Construction LLC

Plant: Beaver Dam
6/9/2026 10:40:16 AM

Tech: S. Felletter
PC: Erica Bradley



Structure ID: R2A

P2 MH048LD12-28SQ

MH FLAT TOP w/28"x28" Hole F/G

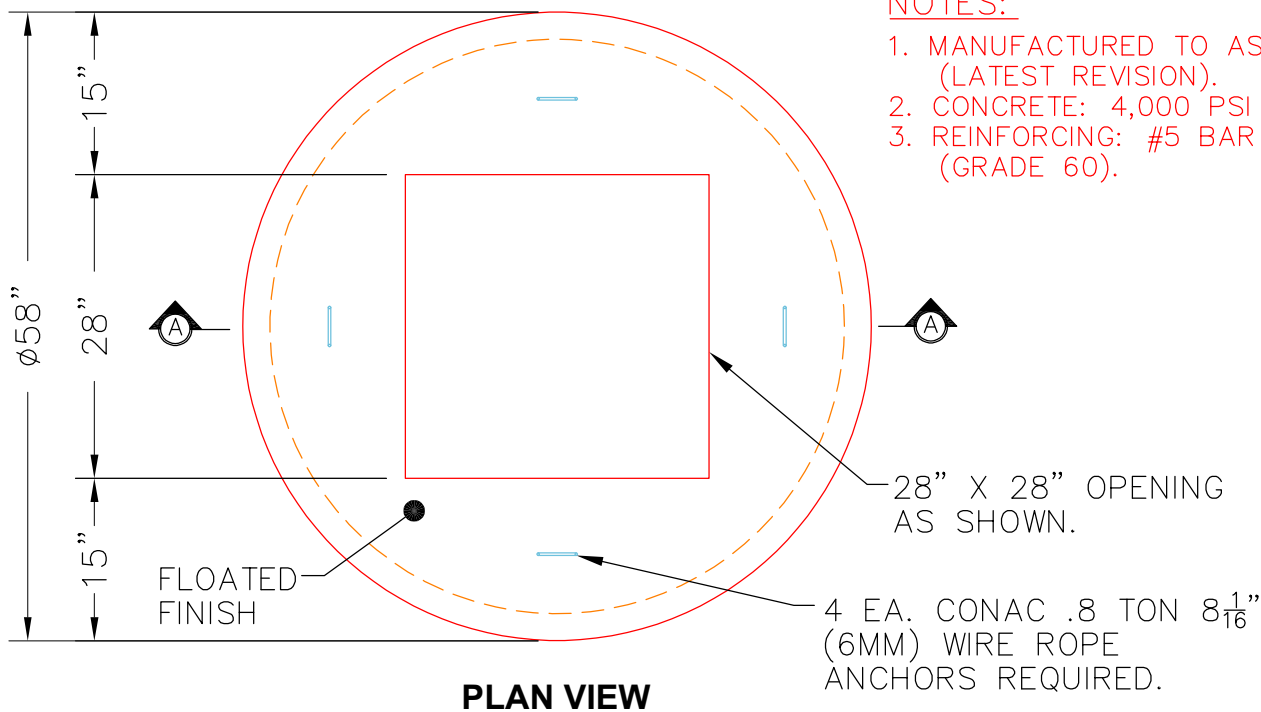
- P3) 28" x 28" - CASTING HEIGHT - 5"
P2) 48" - MH FLAT TOP w/28"x28" Hole F/G - 12"
P1) 48" - MH BASE Custom Ht T/n - 59.5"
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT
1) CASTING - JBS 3104-V SINGLE SET
1) 48" - Conseal CS-102 1.00"
1) 28" x 28" - Conseal CS-102 1.00"
3) Hole - 26
5) MH Step ML-10-TDS-NCR - 10"

0 lb
1368 lb
4787 lb
1075 lb
250 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 7480 lb

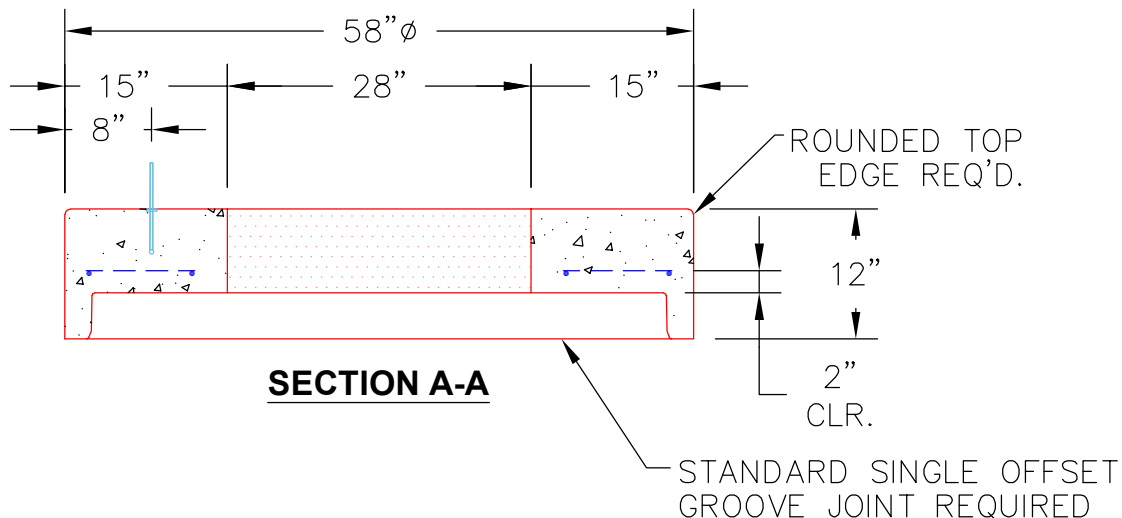
Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (JBS-3104 SINGLE SET).

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.



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).



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1368 lb
Volume (Net): 0.35cu.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 3:10:09 PM		Tech: J. Horsley - A PC: J. Jarvis				
Structure ID: 46											
P1		MH048BAVF		MH BASE Custom Ht T/n							
P3) 24" - CASTING HEIGHT - 4" P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12" P1) 48" - MH BASE Custom Ht T/n - 35" 1) 48" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 2) Hole - 20 1) Hole - 18 3) MH Step ML-10-TDS-NCR - 10"						0 lb 1561 lb 3396 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 4957 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. PER KYTC MANHOLE TYPE A / ASTM C-478 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. NO STORM INVERT 5. STEPS AT 270 DEGREES 6. HOE KY-206 FRAME & COVER "STORM" SUPPLIED BY OTHERS			
Rim: 552.39'		Rim to Invert: 4'		Slack: 0"		Sump: 3"		Step Position: 270°			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	548.39'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	0.5"	0"	
Invert 2	548.39'	90°	45.5"	12" HDPE	14.5"	Hole 18	18"	18.451"	0"	0"	
Invert 3	548.39'	180°	91.125"	15" HDPE	17.6"	Hole 20	20"	20.629"	0.5"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

INVERT DATA

INVERT 3
Degree: 180°
Horz: 75.375"
Hole: 20"
Up(): 0.5"

INVERT 2
Degree: 90°
Horz: 37.75"
Hole: 18"
Up(): 0"

INVERT 1
Degree: 0°
Horz: 0"
Hole: 20"
Up(): 0.5"

Step: 270°
Horz: 113.125"

INSIDE WALL DIMENSIONS

(P1)

360°

270°

180°

90°

0°

0.5"

0"

0.5"

35"

6"

EXT

75.375"

37.75"

0"

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 35" Height (Ext): 41"	Weight (Net): 3396 lb Volume (Net): 0.87cu.yd
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Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315) Job Location: Indiana, KY Contractor: Louisville Paving and Construction					Plant: 100 6/12/2026 3:10:08 PM		Tech: J. Horsley - A PC: J. Jarvis			
Structure ID: 44										
P1 MH048BAVF		MH BASE Custom Ht T/n								
P3) 24" - CASTING HEIGHT - 4" P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12" P1) 48" - MH BASE Custom Ht T/n - 29" 1) 48" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 1) Hole - 20 1) Hole - 18 2) MH Step ML-10-TDS-NCR - 10"					0 lb 1561 lb 3112 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 4673 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. PER KYTC MANHOLE TYPE A / ASTM C-478 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. NO STORM INVERT 5. STEPS AT 270 DEGREES 6. HOE KY-206 FRAME & COVER "STORM" SUPPLIED BY OTHERS			
Rim: 552.65' Rim to Invert: 3.5' Slack: 0" Sump: 3" Step Position: 270°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	549.15'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	0.5"	0"
Invert 2	549.15'	90°	45.5"	12" HDPE	14.5"	Hole 18	18"	18.451"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P3)

(P2)

(P1) <<

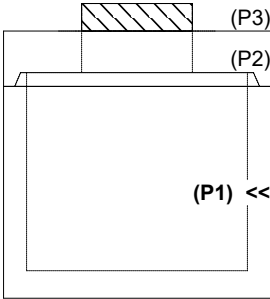
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

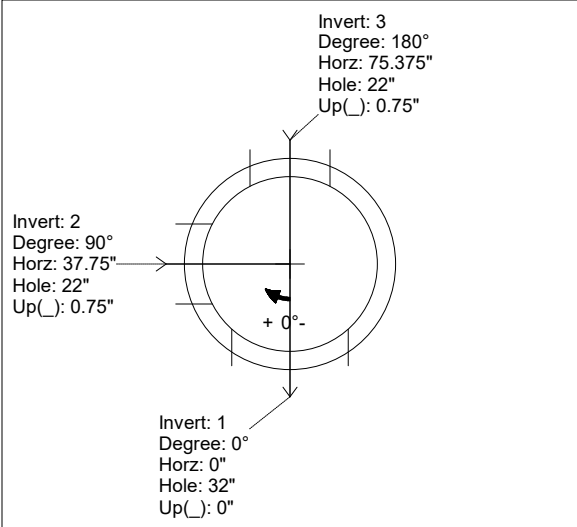
INSIDE WALL DIMENSIONS

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 29" Height (Ext): 35"	Weight (Net): 3112 lb Volume (Net): 0.8cu.yd
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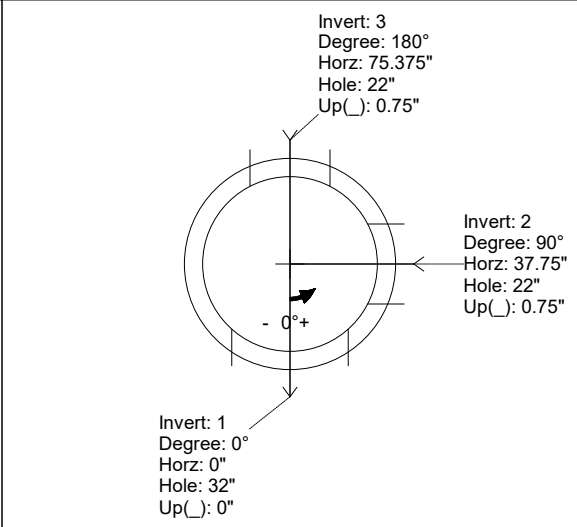
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC					Plant: 100 6/4/2026 4:34:18 PM		Tech: Jared - F PC: E. Bardley				
Structure ID: 47 ST-CI											
P1 MH048BAVF		MH BASE Custom Ht T/n									
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH 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" 1) Hole - 32 2) Hole - 22					0 lb 1300 lb 3432 lb 442 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 5174 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: 695.29' Rim to Invert: 4.66' Slack: 0.92" Sump: 3" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	690.63'	0°	0"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"	
Invert 2	690.63'	90°	45.5"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	0.75"	0"	
Invert 3	690.63'	180°	91.125"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	0.75"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



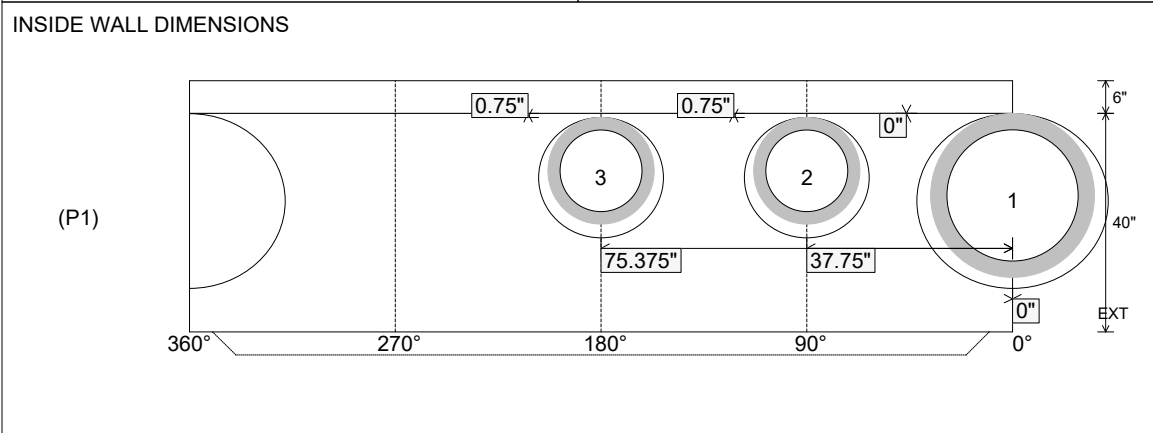
RIGHT-SIDE UP VIEW (int. dimensions)



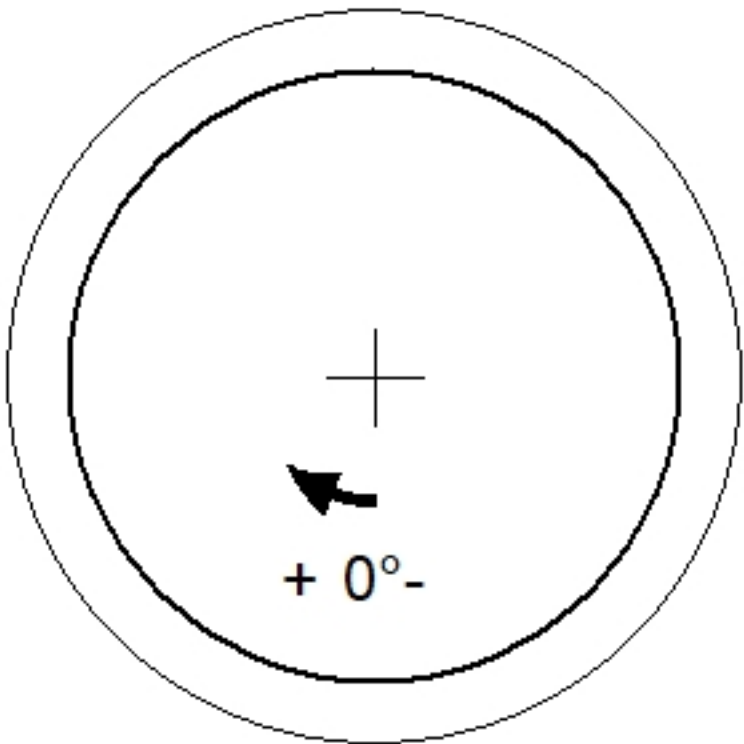
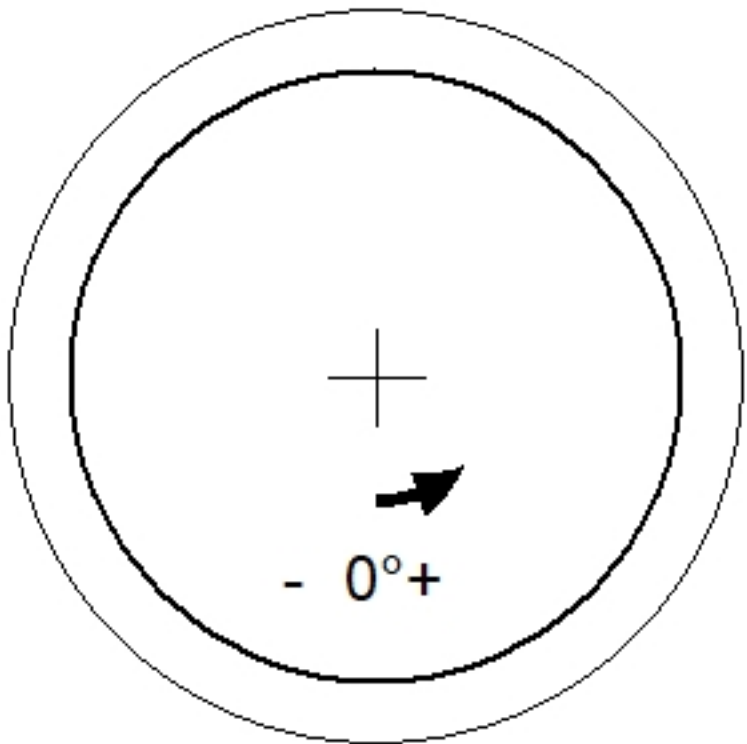
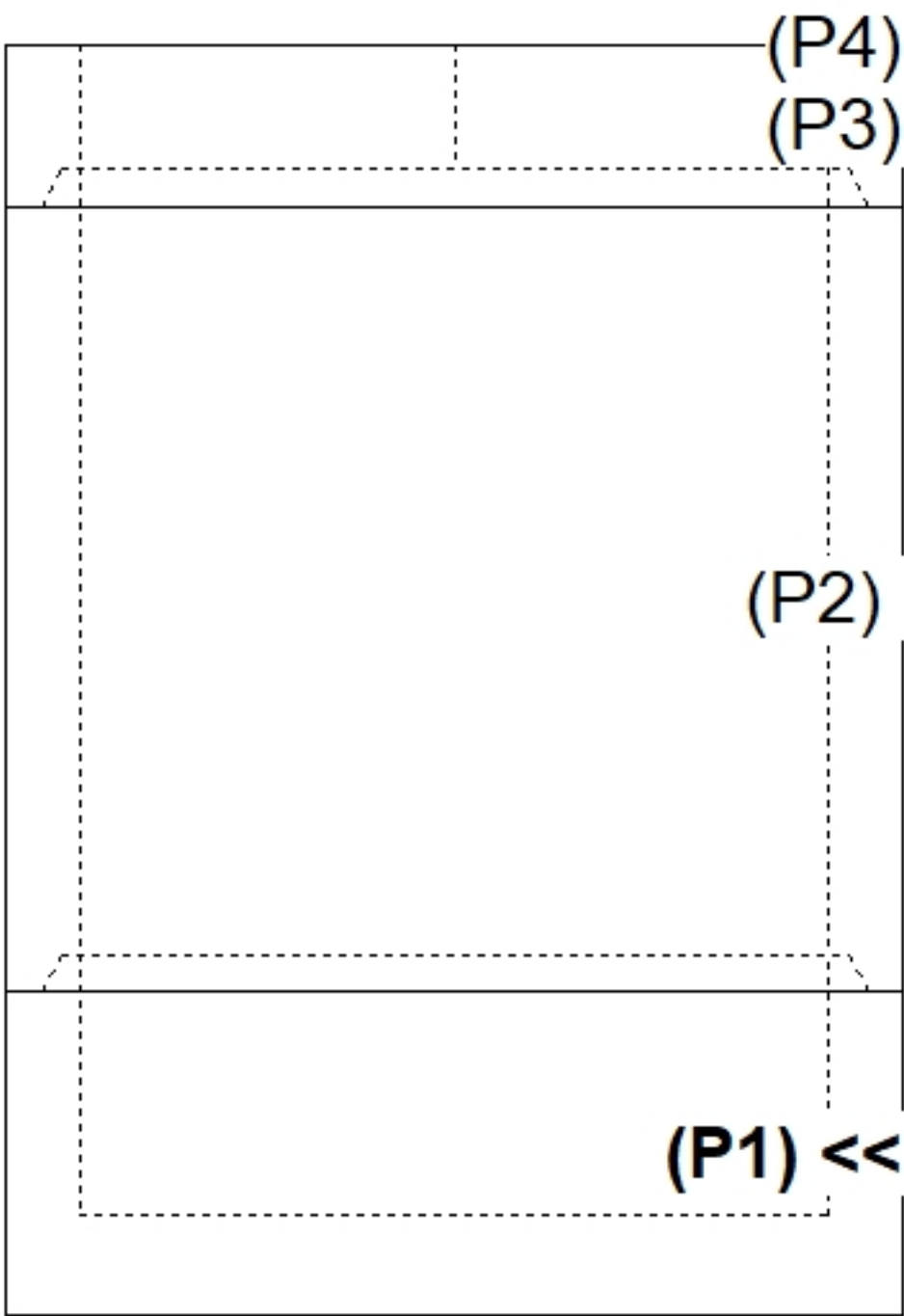
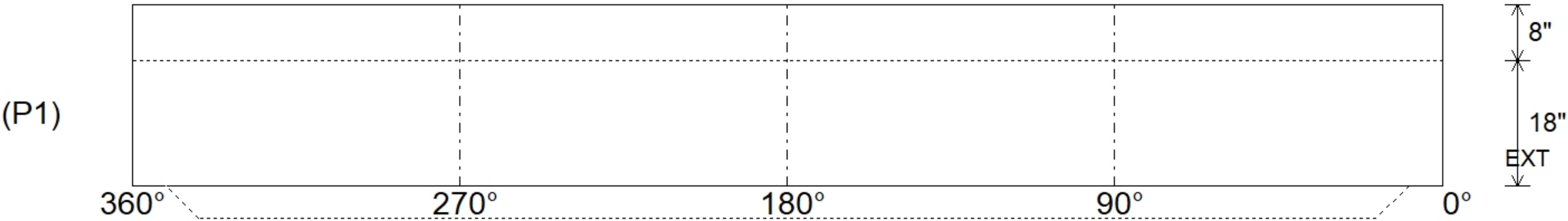
UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 40" Height (Ext): 46"	Weight (Net): 3432 lb Volume (Net): 0.88cu.yd
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Job Name: 26-2800 901652 13635 Telegraph Road Job Location: CPU Contractor: Contech Engineering Solutions					Plant: Beaver Dam 6/24/2026 10:19:00 AM		Tech: S. Felletter PC: C. Goff				
Structure ID: 10-CS-5											
P1		MH060BAVF		MH BASE Custom Ht T/n							
P4) 30" - CASTING HEIGHT - 0" P3) 60" - MH FLAT TOP SPEC. (30" CASTING CAST IN) F/G - 13" P2) 60" - MH RISER Custom Ht T/G - 63" P1) 60" - MH BASE Custom Ht T/n - 18" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 2) 60" - Conseal CS-102 1.00" 2) Hole - 16						0 lb 2589 lb 6372 lb 4612 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 13573 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: 611.63' Rim to Invert: 3.06' Slack: -0.244" Sump: 57.036" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (┘)	Offset	
Invert 1											
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions) UPSIDE-DOWN VIEW (int. dimenions)    INSIDE WALL DIMENSIONS 											

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

Plant: Beaver Dam
6/1/2026 8:24:51 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-21

P2 MH060RSVFS

MH RISER SPECIAL/CUST. HT

- P4) 28" x 34" - CASTING HEIGHT - 7"
P3) 60" - MH FLAT TOP - TDOT NO 12 (28"x34" Hole) - 10"
P2) 60" - MH RISER SPECIAL/CUST. HT - 26"
P1) 60" - MH BASE Custom Ht - 50"
1) CASTING - JBS-3123 MODIFIED SET
2) 60" - Conseal CS-102 1.00"
1) 28" x 34" - Conseal CS-102 1.00"
1) Hole - 40
1) Hole - 39
1) Hole - 6

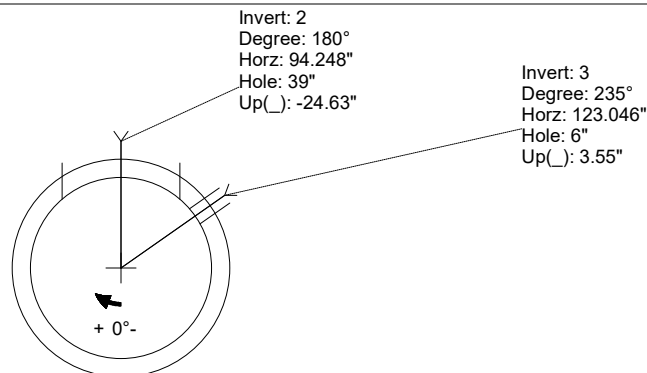
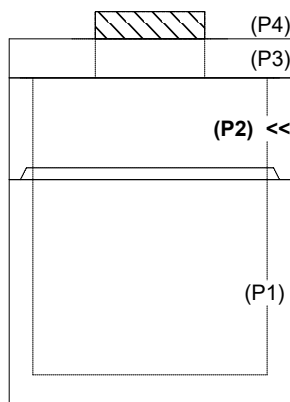
- 0 lb
3417 lb
2385 lb
6941 lb
250 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
- Structure Notes:
1. PER TDOT D-CB-12RB / ASTM C478 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. JBS 3123 MOD SINGLE SET BY ICAST
5. REINFORCING PER ASTM A615 (GRADE 60).
** PER TDOT STD DRAWING D-CB-12RB **
- TOP SLAB - DBL MAT #5 BARS.
- RISER (As .18)
- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Structure Total: 12993 lb

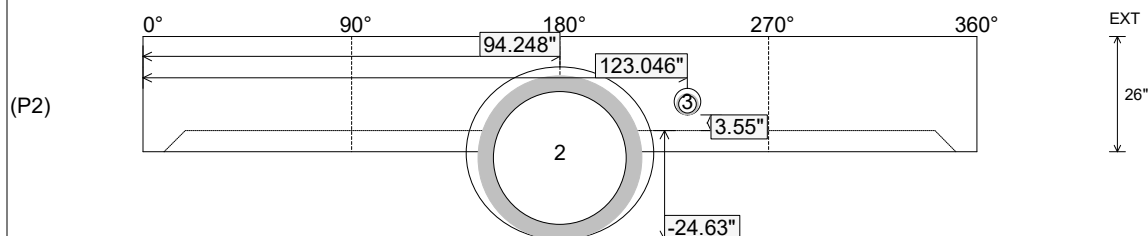
Rim: 792.82' Rim to Invert: 7.51' Slack: 0.62" Sump: 3.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2	787.82'	180°	113.097"	30" RCP B WALL	37"	Hole 39	39"	42.455"	-24.63"	0"
Invert 3	789.91'	235°	147.655"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.01"	3.55"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

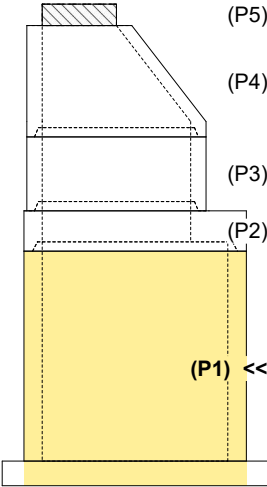
Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 6"
Floor Height: 0"

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

Weight (Net): 2385 lb
Volume (Net): 0.61cu.yd

Job Name: 25-3579 - Lebanon Rd Clarks Run Trunk Sewer Ph 2 Job Location: Danville, KY Contractor: Hubert Excavating & Contracting				Plant: 100 6/7/2026 1:24:51 PM		Tech: J. Horsley PC: C. Goff				
Structure ID: MH A15										
P1 MH060BAEVF		MH BASE w/FLANGE (08F/07EF) w/Coating T/n								
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 36" P3) 48" - MH RISER w/COATING T/G - 24" P2) 60" - MH Trans. Slab - 48" Hole ECC, w/Coating T/G - 13" P1) 60" - MH BASE w/FLANGE (08F/07EF) w/Coating T/n - 68" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 060" MAC WRAP 1) SPECIAL EXTERNAL COATING - Carboline 300M 1) SECONDARY POUR - Extended Flange 2) JOINT WRAP - 12" WD x 048" MAC WRAP 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1040 10) MH Step ML-10-TDS-NCR - 10" 238.97 SqFt) Carboline Bitumastic 300M [EXT]						0 lb 2251 lb 1677 lb 1928 lb 10066 lb 2692 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 2 lb 0 lb 0 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - FLOOR: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. CARBOLINE 300M EXTERIOR COATING REQUIRED 6. STEPS AT 92 DEGREES 7. HOE MC-375 FRAME & COVER "SANITARY" SUPPLIED BY OTHERS		
Rim: 902.48' Rim to Invert: 12.225' Slack: 0.915" Sump: 2.215" Step Position: 92°						Structure Total: 18615 lb				
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	890.255'	0°	0"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0"	0"
Invert 2	890.305'	184°	115.625"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0.625"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



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

RIGHT-SIDE UP VIEW (int. dimensions)

**FIRST POUR (BASE):
8,899 LBS**

**SECOND POUR (EXT. FLANGE):
1,167 LBS**

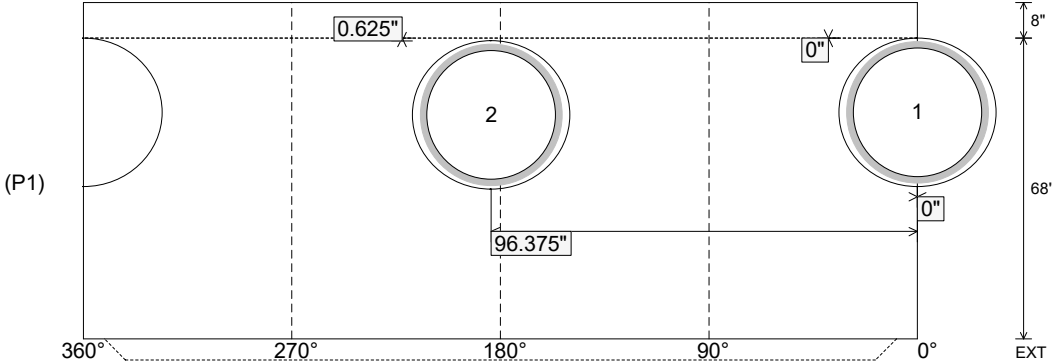
UPSIDE-DOWN VIEW (int. dimenions)

Invert: 2
Degree: 184°
Horz: 96.375"
Hole: 33.5"
Up(): 0.625"

Step: 92°
Horz: 48.125"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 33.5"
Up(): 0"

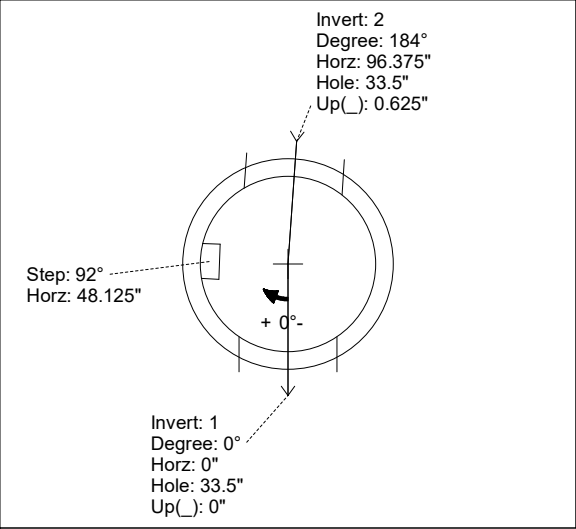
INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext): Carboline Bitumastic 300M	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 68" Height (Ext): 76"	Weight (Net): 10066 lb Volume (Net): 2.57cu.yd
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Job Name: 25-3579 - Lebanon Rd Clarks Run Trunk Sewer Ph 2 Job Location: Danville, KY Contractor: Hubert Excavating & Contracting				Plant: 100 6/7/2026 1:24:51 PM		Tech: J. Horsley PC: C. Goff				
Structure ID: MH A15										
P1 MH060BAEVF				MH BASE w/FLANGE (08F/07EF) w/Coating T/n						
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 36" P3) 48" - MH RISER w/COATING T/G - 24" P2) 60" - MH Trans. Slab - 48" Hole ECC, w/Coating T/G - 13" P1) 60" - MH BASE w/FLANGE (08F/07EF) w/Coating T/n - 68" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 060" MAC WRAP 1) SPECIAL EXTERNAL COATING - Carboline 300M 1) SECONDARY POUR - Extended Flange 2) JOINT WRAP - 12" WD x 048" MAC WRAP 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1040 10) MH Step ML-10-TDS-NCR - 10" 238.97 SqFt Carboline Bitumastic 300M [EXT]				0 lb 2251 lb 1677 lb 1928 lb 10066 lb 2692 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 2 lb 0 lb 0 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - FLOOR: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. CARBOLINE 300M EXTERIOR COATING REQUIRED 6. STEPS AT 92 DEGREES 7. HOE MC-375 FRAME & COVER "SANITARY" SUPPLIED BY OTHERS				
Rim: 902.48' Rim to Invert: 12.225' Slack: 0.915" Sump: 2.215" Step Position: 92°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	890.255'	0°	0"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0"	0"
Invert 2	890.305'	184°	115.625"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0.625"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

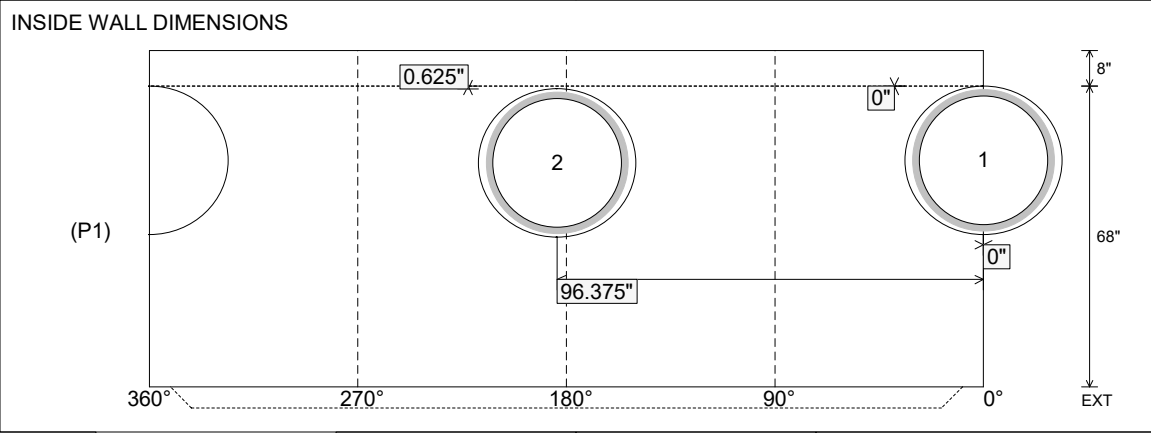
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext): Carboline Bitumastic 300M	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 68" Height (Ext): 76"	Weight (Net): 10066 lb Volume (Net): 2.57cu.yd
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Job Number:

25-3579

Job Name:

Lebanon Rd Clarks Run Trunk Sewer
Ph 2

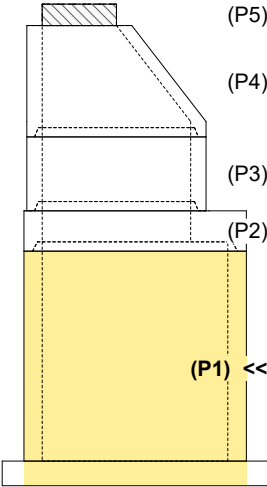
Structure:

MH A15

Note:

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

Job Name: 25-3579 - Lebanon Rd Clarks Run Trunk Sewer Ph 2 Job Location: Danville, KY Contractor: Hubert Excavating & Contracting				Plant: 100 6/7/2026 1:24:51 PM		Tech: J. Horsley PC: C. Goff				
Structure ID: MH A15										
P1		MH060BAEVF		MH BASE w/FLANGE (08F/07EF) w/Coating T/n						
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 36" P3) 48" - MH RISER w/COATING T/G - 24" P2) 60" - MH Trans. Slab - 48" Hole ECC, w/Coating T/G - 13" P1) 60" - MH BASE w/FLANGE (08F/07EF) w/Coating T/n - 68" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 060" MAC WRAP 1) SPECIAL EXTERNAL COATING - Carboline 300M 1) SECONDARY POUR - Extended Flange 2) JOINT WRAP - 12" WD x 048" MAC WRAP 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1040 10) MH Step ML-10-TDS-NCR - 10" 238.97 SqFt) Carboline Bitumastic 300M [EXT]				0 lb 2251 lb 1677 lb 1928 lb 10066 lb 2692 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 2 lb 0 lb 0 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - FLOOR: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. CARBOLINE 300M EXTERIOR COATING REQUIRED 6. STEPS AT 92 DEGREES 7. HOE MC-375 FRAME & COVER "SANITARY" SUPPLIED BY OTHERS				
Rim: 902.48' Rim to Invert: 12.225' Slack: 0.915" Sump: 2.215" Step Position: 92°				Structure Total: 18615 lb						
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	890.255'	0°	0"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0"	0"
Invert 2	890.305'	184°	115.625"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0.625"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



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

RIGHT-SIDE UP VIEW (int. dimensions)

**FIRST POUR (BASE):
8,899 LBS**

**SECOND POUR (EXT. FLANGE):
1,167 LBS**

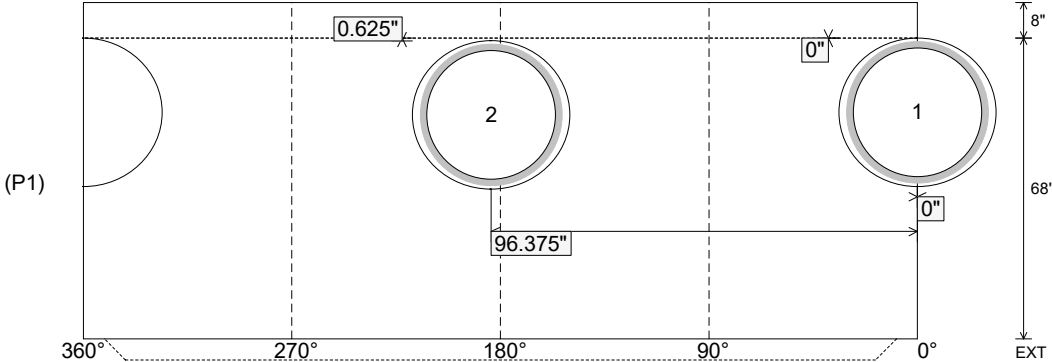
UPSIDE-DOWN VIEW (int. dimenions)

Invert: 2
Degree: 184°
Horz: 96.375"
Hole: 33.5"
Up(): 0.625"

Step: 92°
Horz: 48.125"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 33.5"
Up(): 0"

INSIDE WALL DIMENSIONS



(P1)

360° 270° 180° 90° 0°

EXT

Coating (Int):
Coating (Ext): Carboline Bitumastic 300M

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 8"

Height (Int): 68"
Height (Ext): 76"

Weight (Net): 10066 lb
Volume (Net): 2.57cu.yd

Job Name: 25-3579 - Lebanon Rd Clarks Run Trunk Sewer Ph 2 Job Location: Danville, KY Contractor: Hubert Excavating & Contracting				Plant: 100 6/7/2026 1:24:51 PM		Tech: J. Horsley PC: C. Goff				
Structure ID: MH A15										
P1 MH060BAEVF				MH BASE w/FLANGE (08F/07EF) w/Coating T/n						
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 36" P3) 48" - MH RISER w/COATING T/G - 24" P2) 60" - MH Trans. Slab - 48" Hole ECC, w/Coating T/G - 13" P1) 60" - MH BASE w/FLANGE (08F/07EF) w/Coating T/n - 68" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 060" MAC WRAP 1) SPECIAL EXTERNAL COATING - Carboline 300M 1) SECONDARY POUR - Extended Flange 2) JOINT WRAP - 12" WD x 048" MAC WRAP 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1040 10) MH Step ML-10-TDS-NCR - 10" 238.97 SqFt Carboline Bitumastic 300M [EXT]				0 lb 2251 lb 1677 lb 1928 lb 10066 lb 2692 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb 2 lb 0 lb 0 lb 18615 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - FLOOR: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. CARBOLINE 300M EXTERIOR COATING REQUIRED 6. STEPS AT 92 DEGREES 7. HOE MC-375 FRAME & COVER "SANITARY" SUPPLIED BY OTHERS				
Rim: 902.48' Rim to Invert: 12.225' Slack: 0.915" Sump: 2.215" Step Position: 92°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	890.255'	0°	0"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0"	0"
Invert 2	890.305'	184°	115.625"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0.625"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 184°
Horz: 96.375"
Hole: 33.5"
Up(): 0.625"

Step: 92°
Horz: 48.125"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 33.5"
Up(): 0"

(P5)

(P4)

(P3)

(P2)

(P1) <<

UPSIDE-DOWN VIEW (int. dimensions)

INVERT CHANNEL
DRAWING

INSIDE WALL DIMENSIONS

0.625"

0"

96.375"

0"

8"

68"

360°

270°

180°

90°

0°

EXT

Coating (Int): Coating (Ext): Carboline Bitumastic 300M	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 68" Height (Ext): 76"	Weight (Net): 10066 lb Volume (Net): 2.57cu.yd
--	---------------------------------	--	--	---

Job Number:

25-3579

Job Name:

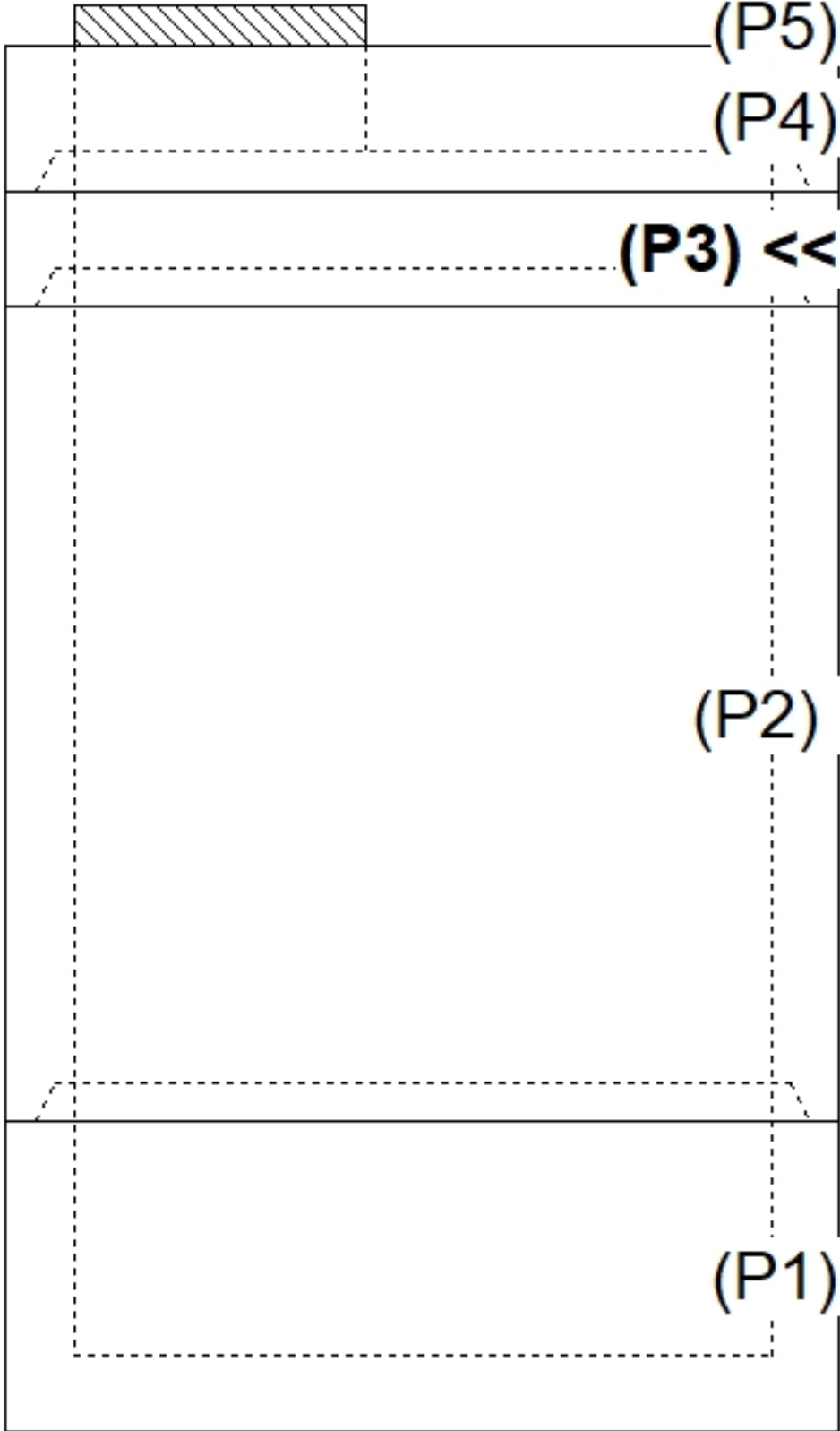
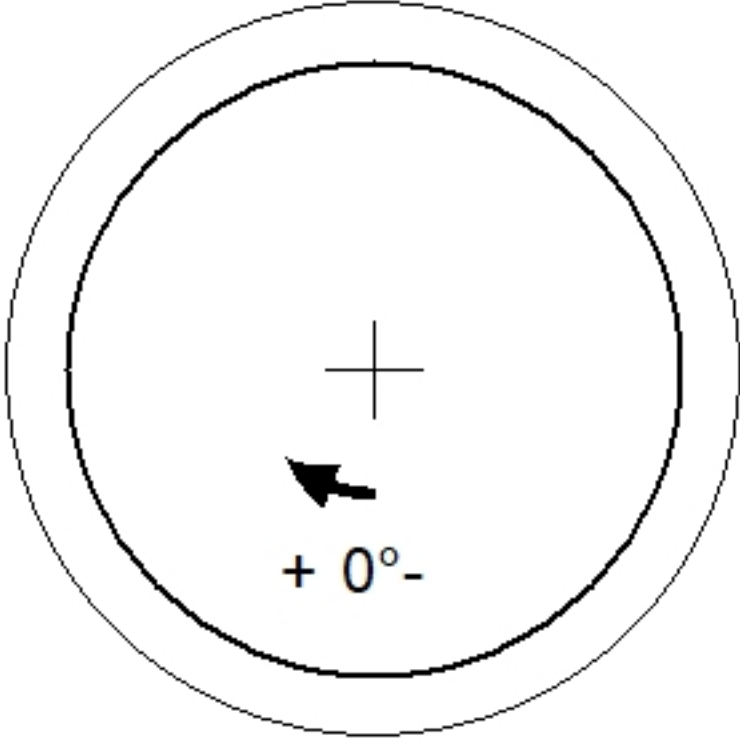
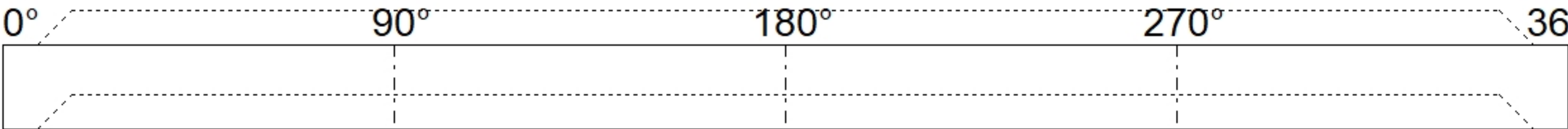
Lebanon Rd Clarks Run Trunk Sewer
Ph 2

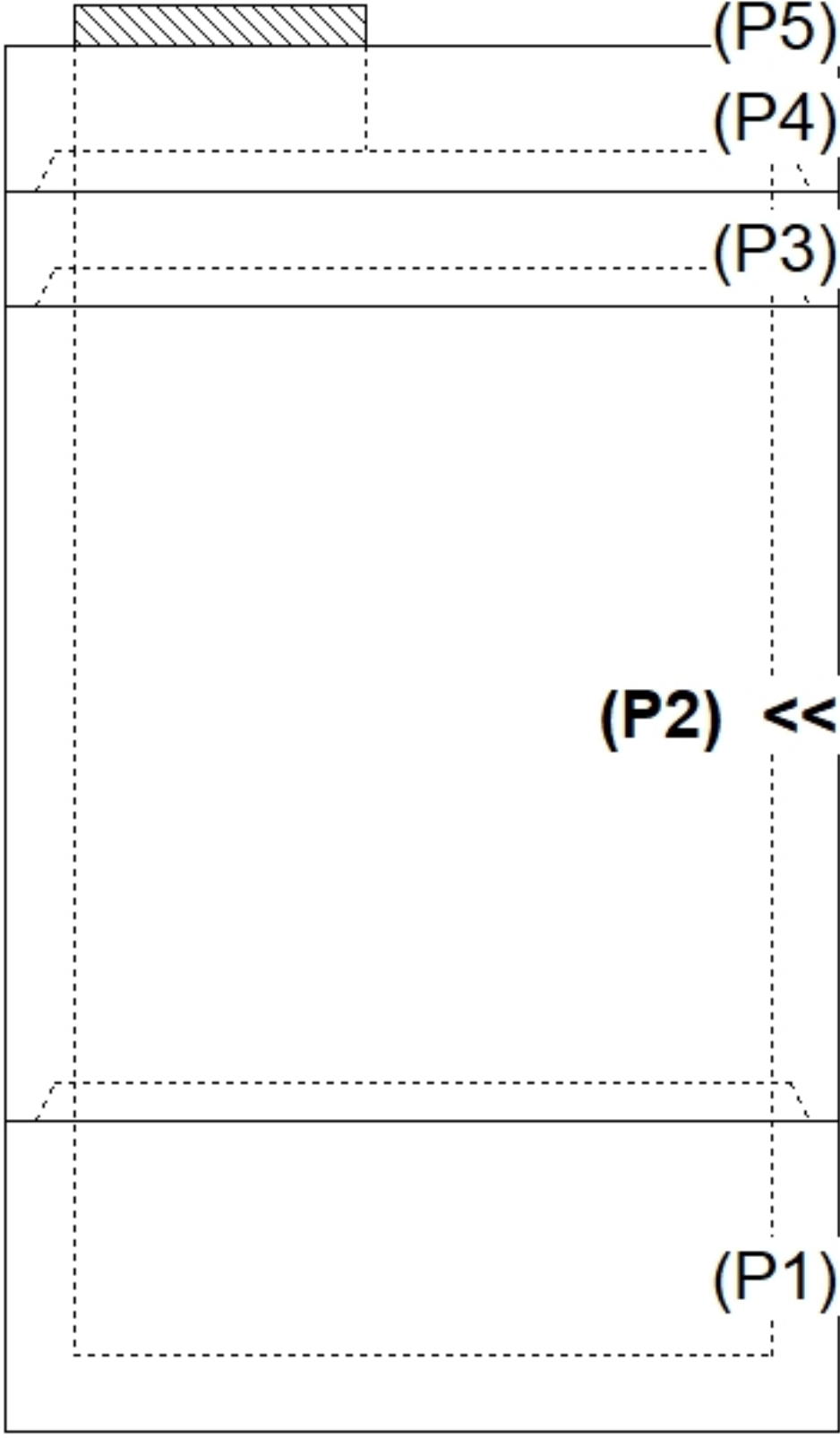
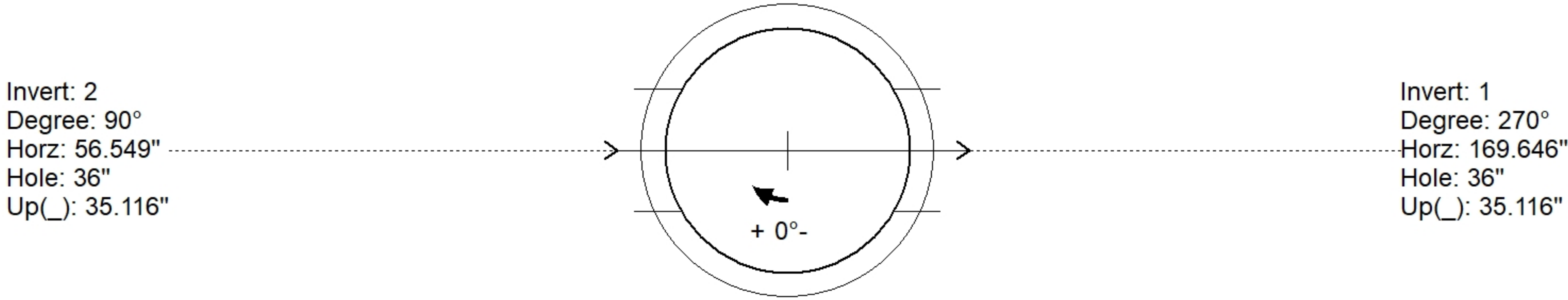
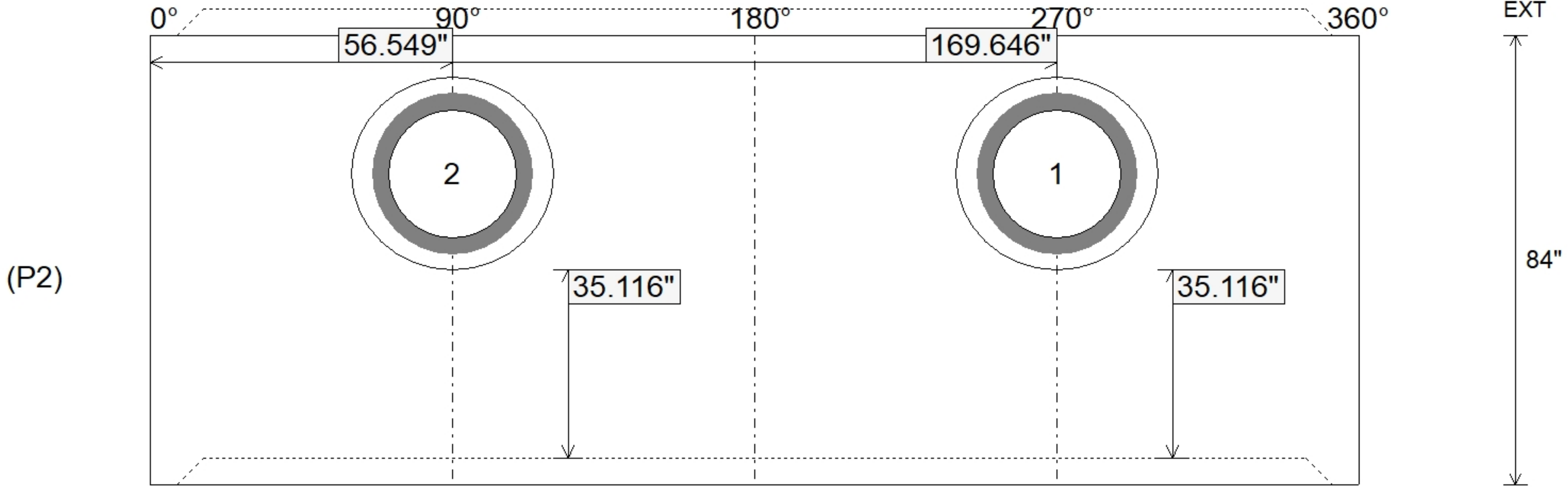
Structure:

MH A15

Note:

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

Job Name: 26-2744 904618 Jeffersonville HS Job Location: Jeffersonville, IN Contractor: Contech Engineering Solutions					Plant: 6/24/2026 2:31:20 PM		Tech: S. Felletter PC: C. Goff				
Structure ID: 10-CS-6											
P3			MH072RS12			MH RISER T/G					
P5) 30" - CASTING HEIGHT - 4" P4) 72" - MH FLAT TOP SPEC. (30" ECC HOLE) F/G - 15" P3) 72" - MH RISER T/G - 12" P2) 72" - MH RISER T/G - 84" P1) 72" - MH BASE T/n - 24" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 3) 72" - Conseal CS-102 1.00" 2) Hole - 36						0 lb 4661 lb 1749 lb 11003 lb 7398 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 24811 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: 483'		Rim to Invert: 6.14'		Slack: 4.796"		Sump: 70.116"		Step Position: 90°			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (┘)	Offset	
Invert 1											
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions)											
											
INSIDE WALL DIMENSIONS											
(P3)										EXT 12"	
Coating (Int): Coating (Ext):				Seam Up: Tongue Seam Dn: Groove		Wall Thickness: 7" Floor Height: 0"		Height (Int): 12" Height (Ext): 12"		Weight (Net): 1749 lb Volume (Net): 0.45cu.yd	

Job Name: 26-2744 904618 Jeffersonville HS Job Location: Jeffersonville, IN Contractor: Contech Engineering Solutions				Plant: 6/24/2026 2:31:18 PM		Tech: S. Felletter PC: C. Goff				
Structure ID: 10-CS-6										
P2			MH072RS84		MH RISER T/G					
P5) 30" - CASTING HEIGHT - 4" P4) 72" - MH FLAT TOP SPEC. (30" ECC HOLE) F/G - 15" P3) 72" - MH RISER T/G - 12" P2) 72" - MH RISER T/G - 84" P1) 72" - MH BASE T/n - 24" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 3) 72" - Conseal CS-102 1.00" 2) Hole - 36					0 lb 4661 lb 1749 lb 11003 lb 7398 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 24811 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: 483' Rim to Invert: 6.14' Slack: 4.796" Sump: 70.116" Step Position: 90°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	476.86'	270°	202.633"	24" RCP B WALL	30"	Hole 36	36"	37.699"	35.116"	0"
Invert 2	476.86'	90°	67.544"	24" RCP B WALL	30"	Hole 36	36"	37.699"	35.116"	0"
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): 84" Height (Ext): 84"		Weight (Net): 11003 lb Volume (Net): 2.81cu.yd	

Job Name: 26-2744 904618 Jeffersonville HS
Job Location: Jeffersonville, IN
Contractor: Contech Engineering Solutions

Plant:
6/24/2026 2:31:04 PM

Tech: S. Felletter
PC: C. Goff



Structure ID: 10-CS-6

P4 MH072LD15-30ECC

MH FLAT TOP SPEC. (30" ECC HOLE) F/G

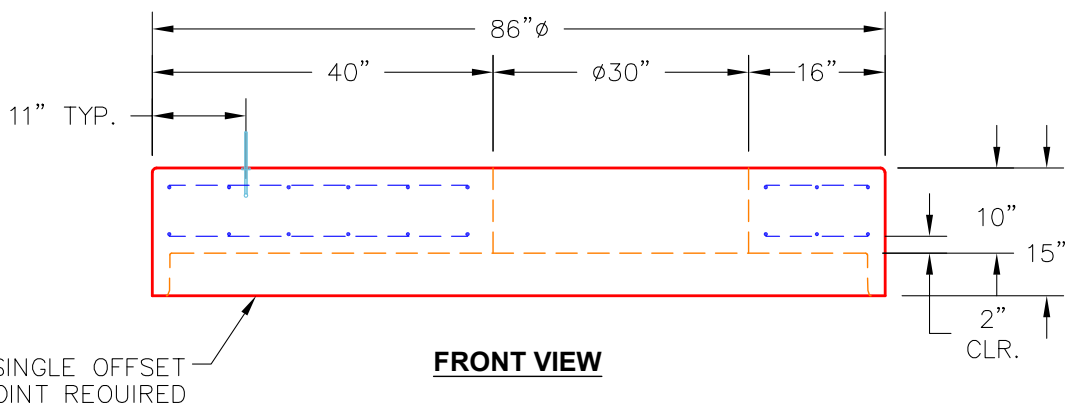
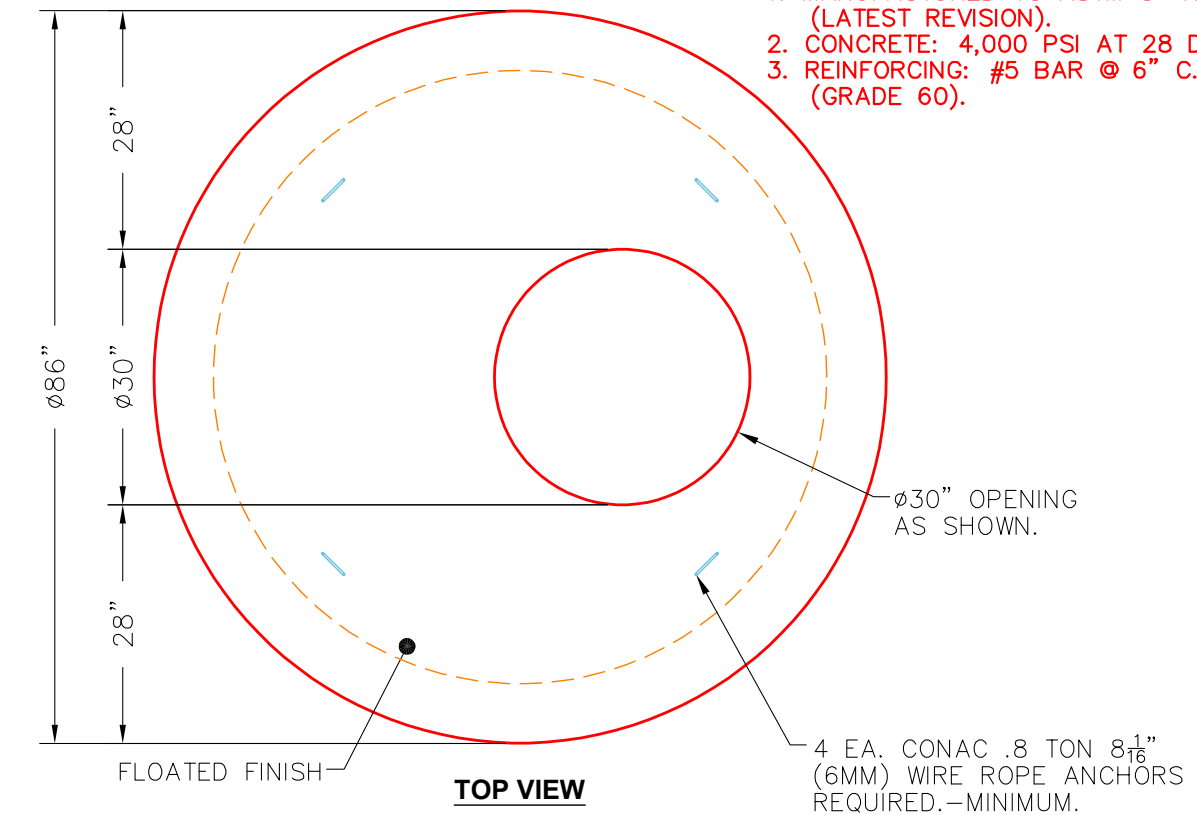
P5) 30" - CASTING HEIGHT - 4"
P4) 72" - MH FLAT TOP SPEC. (30" ECC HOLE) F/G - 15"
P3) 72" - MH RISER T/G - 12"
P2) 72" - MH RISER T/G - 84"
P1) 72" - MH BASE T/n - 24"
1) ASSEMBLY REQUIRED
1) CVSTENCILING
3) 72" - Conseal CS-102 1.00"
2) Hole - 36

0 lb
4661 lb
1749 lb
11003 lb
7398 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 24811 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

NOTES:

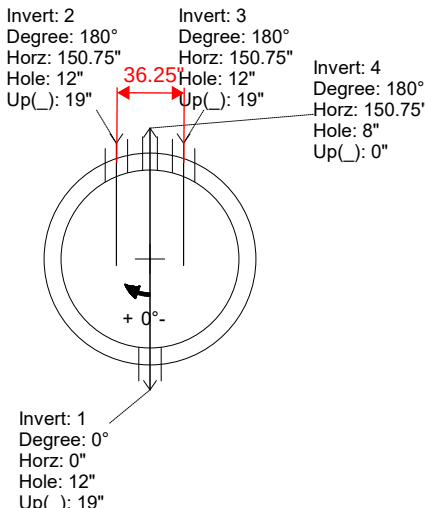
1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" C.C. E.W. (GRADE 60).



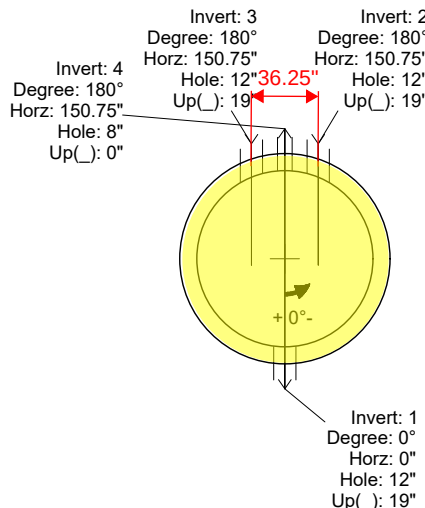
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 7"	Height (Ext): 15"	Weight (Net): 4661 lb Volume (Net): 1.19cu.yd
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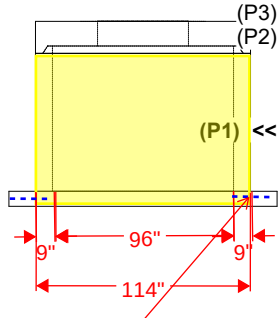
Job Name: 26-1066 - Gunning Pump Station & Force Main Job Location: Bardstown, KY Contractor: Connhurst, LLC					Plant: 100 6/2/2026 10:54:43 AM		Tech: Jared - F PC: E. Bradley			
Structure ID: V V (16)										
P1 MH096BAEVF			MH BASE EF Cust. Ht. 08"F (14"EF =142"OD) T/n							
P3) 48" x 48" - CASTING HEIGHT - 0" P2) 96" - MH FLAT TOP w/48"x48" Hatch F/G - 17" P1) 96" - MH BASE EF Cust. Ht. 08"F (14"EF =142"OD) T/n - 73" 1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 96" - Conseal CS-102 1.00" (Double) 1) 48" x 48" - Conseal CS-102 1.00" (Double) 3) Hole - 12 1) PSX - 8QRS DD					0 lb 8607 lb 28510 lb 0 lb 0 lb 0 lb 0 lb 0 lb 6 lb Structure Total: 37124 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS. 4. HATCH SUPPLIED BY OTHERS. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .18) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.(DOUBLE MAT)			
Rim: 559' Rim to Invert: 7.292' Slack: 0" Sump: 2.496" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	553.25'	0°	0"	8" DI	9"	Hole 12	12"	12.031"	19"	0"
Invert 2	553.25'	180°	160.625"	8" DI	9"	Hole 12	12"	13.019"	19"	-18.125"
Invert 3	553.25'	180°	197.5"	8" DI	9"	Hole 12	12"	13.019"	19"	18.125"
Invert 4	551.708'	180°	179.125"	3" PVC SDR35	3.25"	PSX 8QRS DD	8"	8.009"	0"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



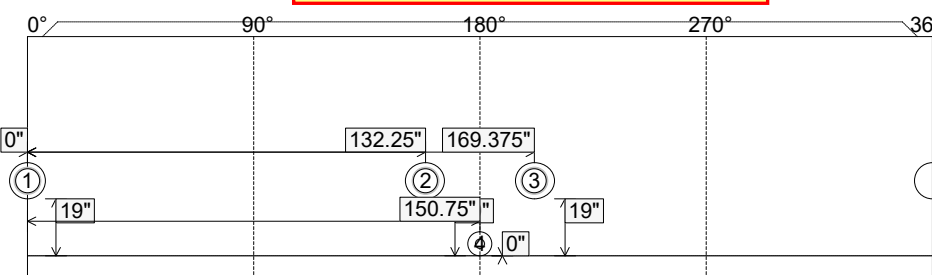
UPSIDE-DOWN VIEW (int. dimensions)





INSIDE WALL DIMENSIONS

1ST POUR (BASE) = 24,730 LBS
2ND POUR (EXTENDED FLANGE) = 3,780 LBS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 9" Floor Height: 8"	Height (Int): 73" Height (Ext): 81"	Weight (Net): 28510 lb Volume (Net): 7.28cu.yd
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Job Name: 26-1066 - Gunning Pump Station & Force Main
Job Location: Bardstown, KY
Contractor: Connhurst, LLC

Plant: 100

6/2/2026 10:54:43 AM

Tech: Jared - F

PC: E. Bradley



Structure ID: V V (16)

P1 MH096BAEVF

MH BASE EF Cust. Ht. 08"F (14"EF =142"OD) T/n

- P3) 48" x 48" - CASTING HEIGHT - 0"
P2) 96" - MH FLAT TOP w/48"x48" Hatch F/G - 17"
P1) 96" - MH BASE EF Cust. Ht. 08"F (14"EF =142"OD) T/n - 73"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 96" - Conseal CS-102 1.00" (Double)
1) 48" x 48" - Conseal CS-102 1.00" (Double)
3) Hole - 12
1) PSX - 8QRS DD

0 lb
8607 lb
28510 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
6 lb

Structure Total: 37124 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS.
4. HATCH SUPPLIED BY OTHERS.

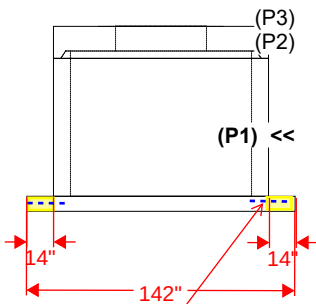
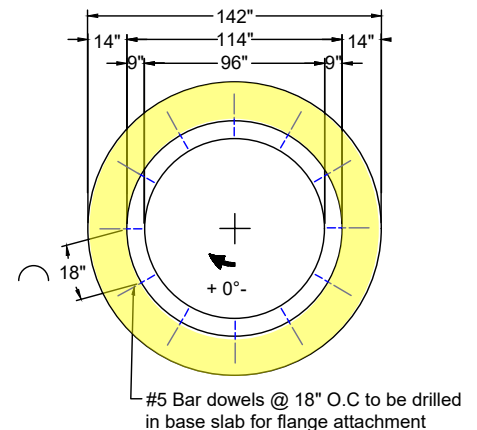
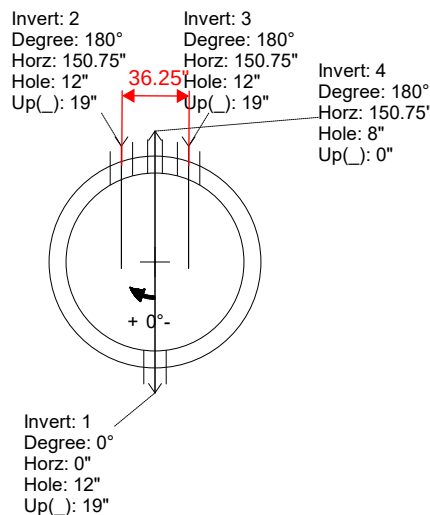
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .18)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.(DOUBLE MAT)

Rim: 559' Rim to Invert: 7.292' Slack: 0" Sump: 2.496" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	553.25'	0°	0"	8" DI	9"	Hole 12	12"	12.031"	19"	0"
Invert 2	553.25'	180°	160.625"	8" DI	9"	Hole 12	12"	13.019"	19"	-18.125"
Invert 3	553.25'	180°	197.5"	8" DI	9"	Hole 12	12"	13.019"	19"	18.125"
Invert 4	551.708'	180°	179.125"	3" PVC SDR35	3.25"	PSX 8QRS DD	8"	8.009"	0"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

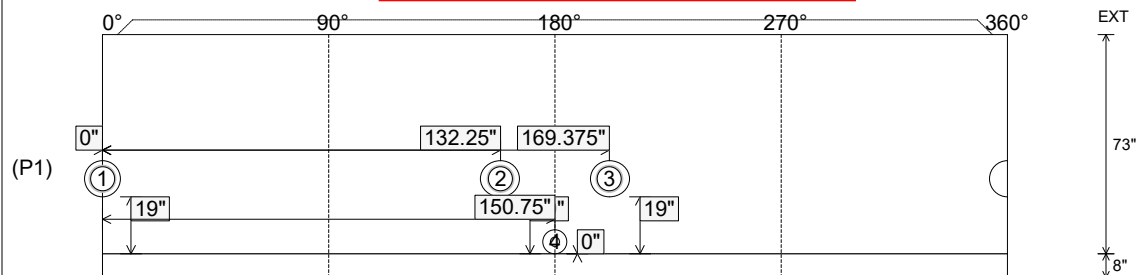
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

1ST POUR (BASE) = 24,730 LBS
2ND POUR (EXTENDED FLANGE) = 3,780 LBS



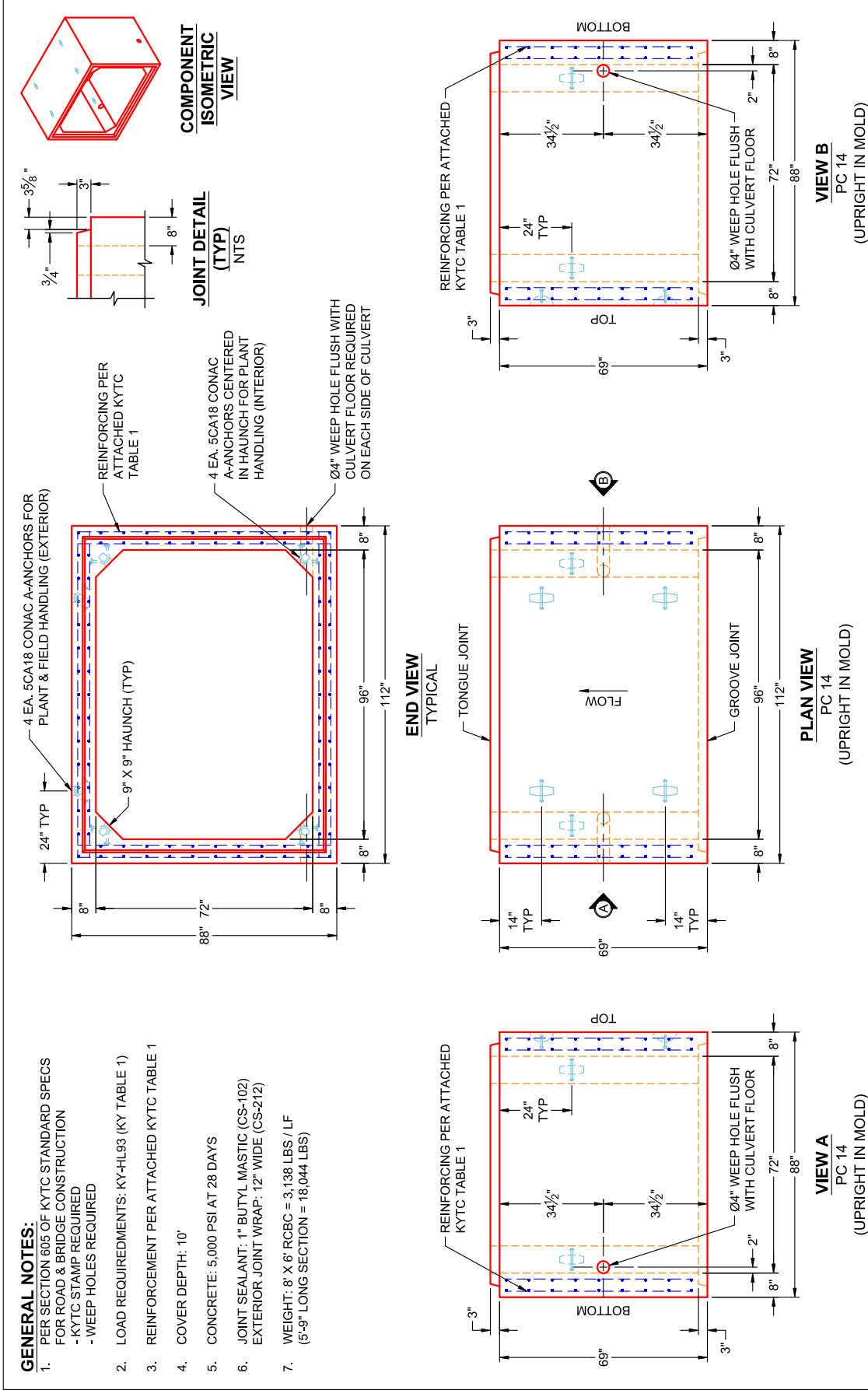
Coating (Int):
Coating (Ext):

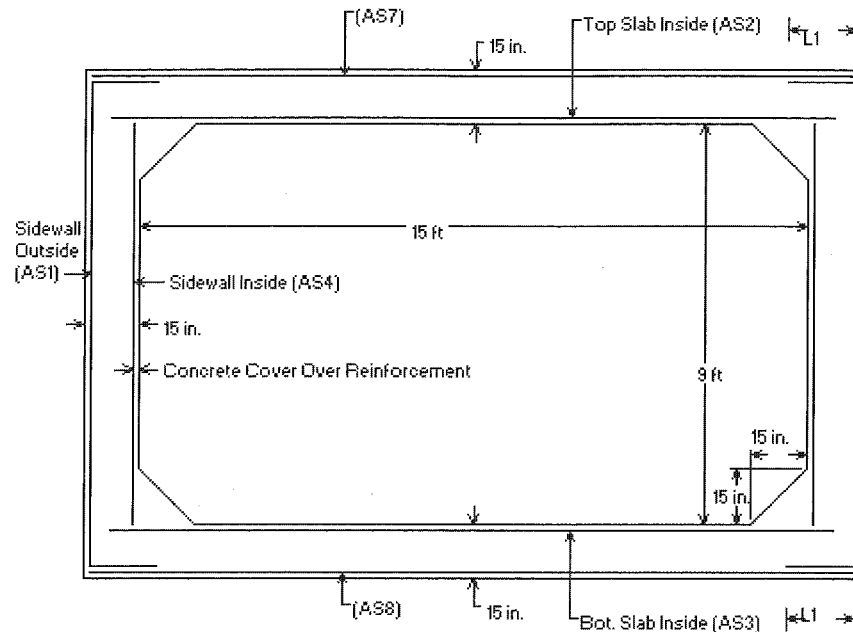
Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 9"
Floor Height: 8"

Height (Int): 73"
Height (Ext): 81"

Weight (Net): 28510 lb
Volume (Net): 7.28cu.yd





- * <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
8x6x8	0<2	0.267	0.536	0.382	0.192	0.192	0.192	0.192	0.192
	2<3	0.266	0.458	0.382	0.192	0.192	0.192	0.192	0.192
	3-5	0.237	0.392	0.359	0.192	0.192	0.192		
	10	0.244	0.365	0.38	0.192	0.192	0.192		
	15	0.321	0.489	0.505	0.192	0.192	0.192		
	20	0.408	0.627	0.644	0.192	0.192	0.192		
	25	0.502	0.774	0.791	0.192	0.192	0.192		
	30	0.602	0.928	0.946	0.192	0.192	0.192		
	35	0.708	1.089	1.108	0.192	0.192	0.192		

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
8x7x8	0<2	0.245	0.557	0.403	0.192	0.192	0.192	0.197	0.192
	2<3	0.243	0.479	0.403	0.192	0.192	0.192	0.192	0.192
	3-5	0.215	0.409	0.378	0.192	0.192	0.192		
	10	0.225	0.378	0.396	0.192	0.192	0.192		
	15	0.295	0.507	0.526	0.192	0.192	0.192		
	20	0.374	0.651	0.671	0.192	0.192	0.192		
	25	0.459	0.804	0.825	0.192	0.192	0.192		
	30	0.549	0.965	0.987	0.192	0.192	0.192		
	35	0.644	1.134	1.157	0.192	0.192	0.192		

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
8x8x8	0<2	0.226	0.575	0.42	0.192	0.192	0.192	0.203	0.192
	2<3	0.224	0.494	0.42	0.192	0.192	0.192	0.192	0.192
	3-5	0.201	0.423	0.393	0.192	0.192	0.192		
	10	0.211	0.386	0.407	0.192	0.192	0.192		
	15	0.276	0.518	0.54	0.192	0.192	0.192		
	20	0.349	0.665	0.688	0.192	0.192	0.192		
	25	0.427	0.822	0.846	0.192	0.192	0.192		
	30	0.51	0.988	1.013	0.192	0.192	0.192		

Job Name: 26-2104 - Jeffersonville High School Parking Lot

Job Location: Jeffersonville, IN

Contractor: Mac Construction & Excavating, Inc.

Plant: 100

6/27/2026 7:12:39 PM

Tech: Jared - A

PC: T. Lewis



Structure ID: 8 ST-CB

P1 BX24240606VF

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

P2) 24" x 24" - CASTING HEIGHT - 4"

P1) 24" x 24" - BOX BASE 6inW, 6inF, Variable Ht F/n - 26"

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

1) Hole - 18

0 lb

2095 lb

0 lb

0 lb

2095 lb

Structure Total: 2095 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

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. STORM INVERT BY OTHERS

5. HOE-326-BH FRAME & BEEHIVE GRATE SUPPLIED BY OTHERS

Rim: 483.63'

Rim to Invert: 2.47'

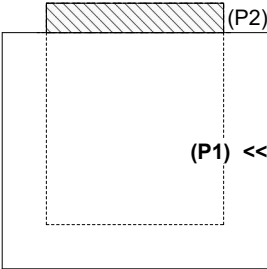
Slack: 1.64"

Sump: 2"

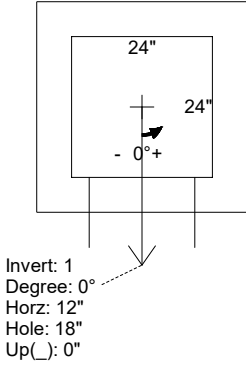
Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	481.16'	0°	18"	12" RCP B WALL	16"	Hole 18	18"	18"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

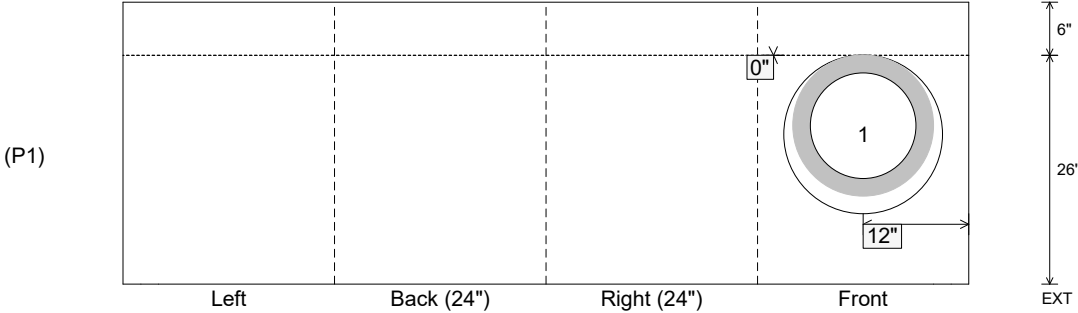
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

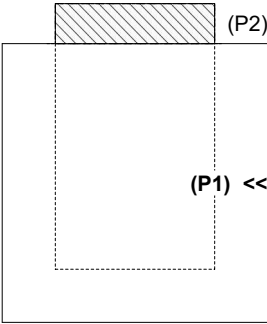
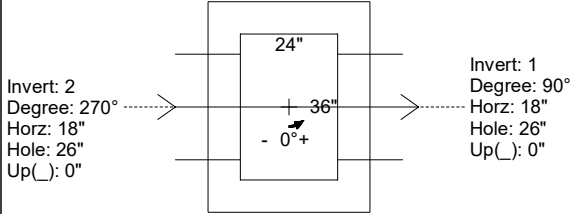
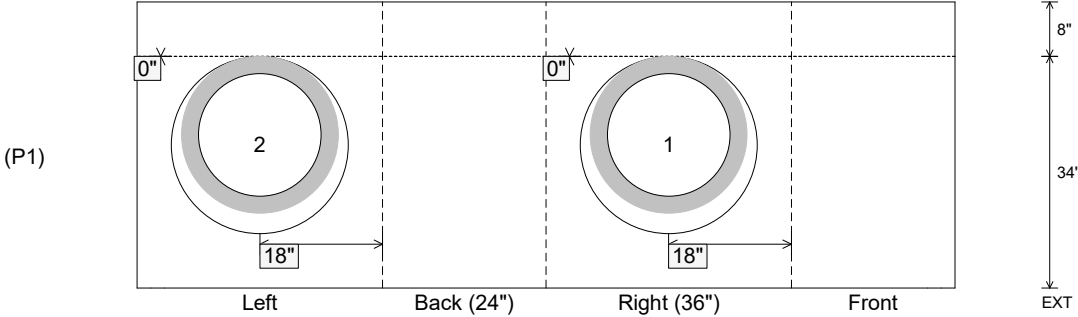
Floor Height: 6"

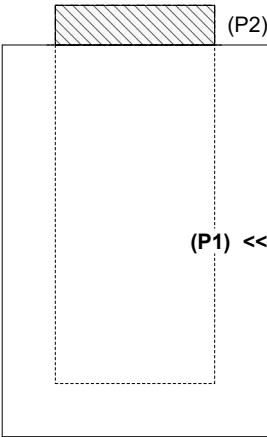
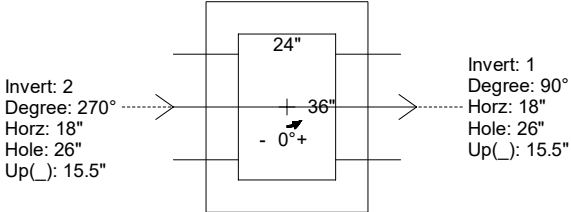
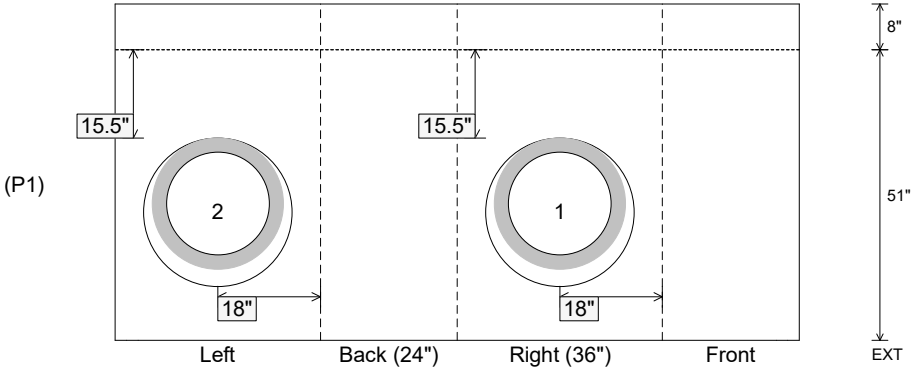
Height (Int): 26"

Height (Ext): 32"

Weight (Net): 2095 lb

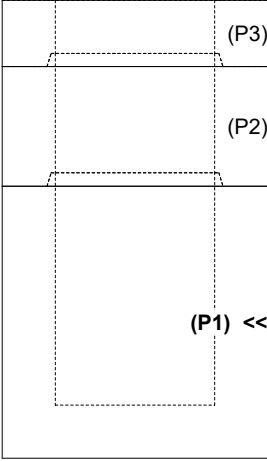
Volume (Net): 0.54cu.yd

Job Name: 26-2104 - Jeffersonville High School Parking Lot Job Location: Jeffersonville, IN Contractor: Mac Construction & Excavating, Inc.					Plant: 100 6/27/2026 7:12:34 PM		Tech: Jared - A PC: T. Lewis				
Structure ID: 2 ST-CI											
P1 BX2436-08BVF		BOX BASE 8inW, 8inF, Variable Ht F/n									
P2) 24" x 36" - CASTING HEIGHT - 6" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 34" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 26					0 lb 4153 lb 0 lb 0 lb ----- 4153 lb Structure Total:		<u>Structure Notes:</u> 1. PER ASTM C-913 SPECIFICATIONS 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. STORM INVERT BY OTHERS 5. HOE 525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS				
Rim: 483.41' Rim to Invert: 3.26' Slack: 1.62" Sump: 2.5" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	480.15'	90°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"	
Invert 2	480.15'	270°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	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): 34" Height (Ext): 42"		Weight (Net): 4153 lb Volume (Net): 1.06cu.yd		

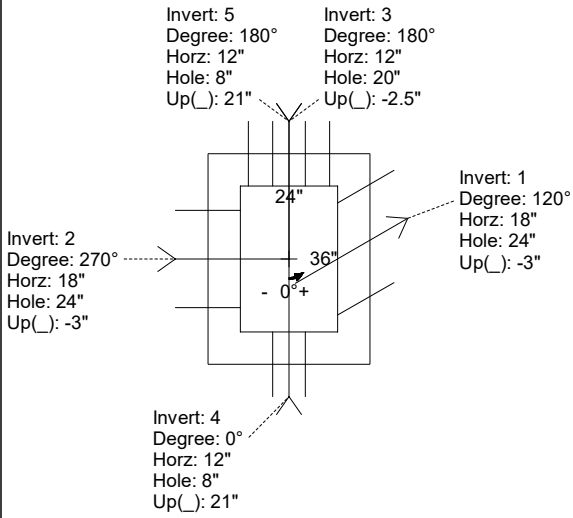
Job Name: 26-2104 - Jeffersonville High School Parking Lot Job Location: Jeffersonville, IN Contractor: Mac Construction & Excavating, Inc.					Plant: 100 6/27/2026 7:12:33 PM		Tech: Jared - A PC: T. Lewis				
Structure ID: 1 ST-CI											
P1 BX2436-08BVF		BOX BASE 8inW, 8inF, Variable Ht F/n									
P2) 24" x 36" - CASTING HEIGHT - 6" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 51" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 26					0 lb 5887 lb 0 lb 0 lb ----- 0 lb Structure Total: 5887 lb		<u>Structure Notes:</u> 1. PER ASTM C-913 SPECIFICATIONS 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. STORM INVERT BY OTHERS 5. HOE 525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS				
Rim: 483.41' Rim to Invert: 3.4' Slack: 1.8" Sump: 18" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	480.01'	90°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	15.5"	0"	
Invert 2	480.01'	270°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	15.5"	0"	
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: Flat Seam Dn: n/a		Wall Thickness: 8" Floor Height: 8"		Height (Int): 51" Height (Ext): 59"		Weight (Net): 5887 lb Volume (Net): 1.5cu.yd		

Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320) Job Location: Independence, KY Contractor: Eaton Asphalt					Plant: 100 6/4/2026 4:51:36 PM		Tech: Jared - A PC: J. Jarvis				
Structure ID: 479											
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" 2) Hole - 24 1) Hole - 20 2) Hole - 8					3400 lb 5270 lb 3831 lb 206 lb 0 lb 0 lb 0 lb 0 lb 0 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: 895.59' Rim to Invert: 5.09' Slack: 0.08" Sump: 0" Step Position:					Structure Total: 12706 lb						
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	890.5'	120°	30.625"	18" ADS N-12	22"	Hole 24	24"	27.713"	-3"	-6"	
Invert 2	890.5'	270°	26"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"	
Invert 3	890.5'	180°	20"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"	
Invert 4	892.42'	0°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"	
Invert 5	892.42'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"	
Invert 6											
Invert 7											
Invert 8											

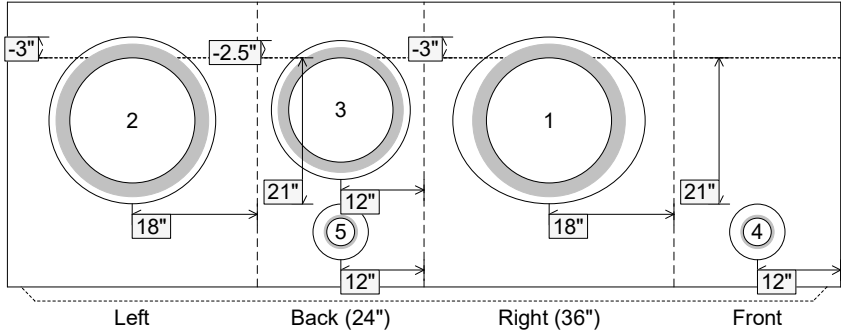
RIGHT-SIDE UP VIEW (int. dimensions)



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): 3831 lb Volume (Net): 0.98cu.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 4:52:36 PM

Tech: Jared - A

PC: J. Jarvis

Structure ID: 483

P1 BX2436-08BVF

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

P3) 24" x 60" - CB INLET KY A 5' TOP LEFT F/G - 10"

P2) 24" x 60" - CB INLET KY A 5' BOTTOM LEFT T/G - 18"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 56"

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 - 20

2) Hole - 8

1895 lb

2670 lb

6832 lb

206 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 11603 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: 890.32' Rim to Invert: 7.07' Slack: 0.84" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	883.25'	270°	26"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"
Invert 2	887.08'	0°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	44"	0"
Invert 3	887.08'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	44"	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): 56"

Height (Ext): 64"

Weight (Net): 6832 lb

Volume (Net): 1.74cu.yd

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

Plant: Beaver Dam
6/1/2026 8:22:51 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-17

P1 BX4848-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

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

- 0 lb
2638 lb
6662 lb
250 lb
0 lb
0 lb
0 lb
0 lb

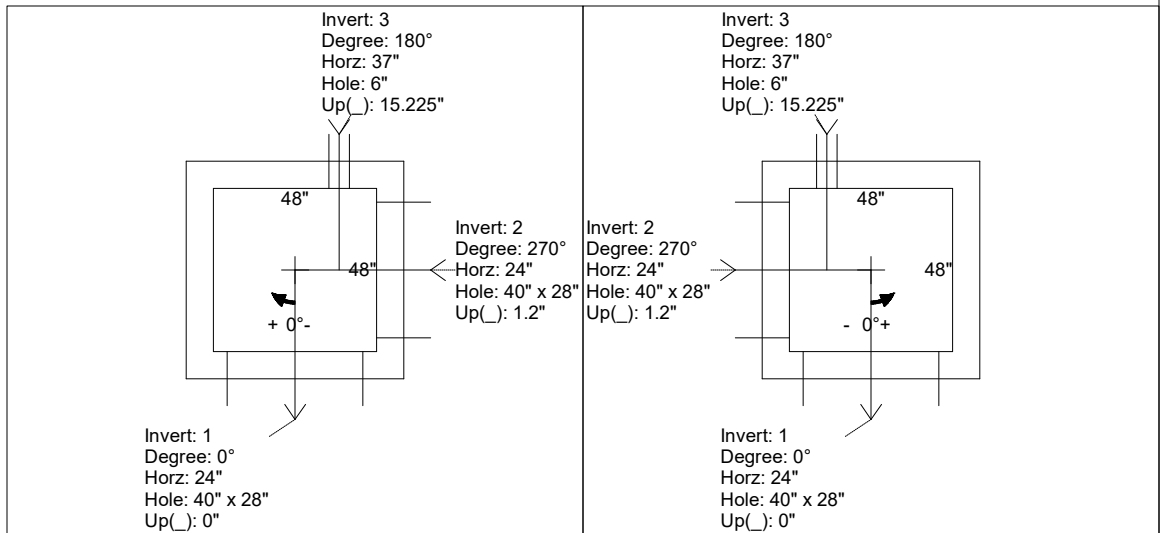
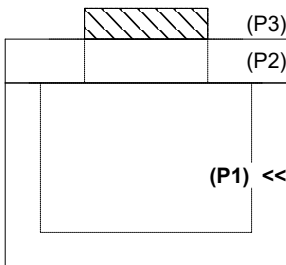
Structure Total: 9550 lb
- Structure Notes:**
1. PER TDOT D-CB-12SB / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. JBS 3123 MOD SINGLE SET BY ICAST
5. REINFORCING PER ASTM A615 (GRADE 60).
** SEE TDOT STD DRAWING D-CB-12SB **
- TOP SLAB - DBL MAT #5 BARS.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 783.27' Rim to Invert: 4' Slack: 0.625" Sump: 3.625" Step Position:

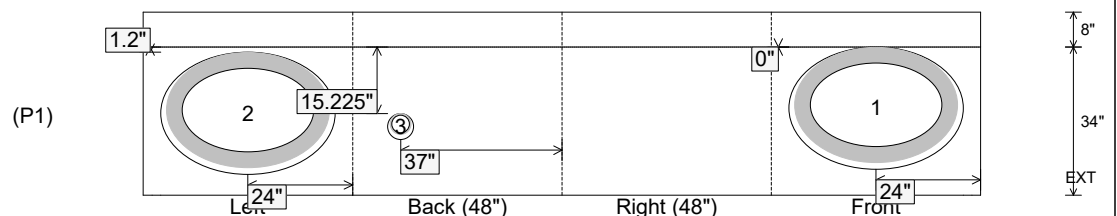
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	779.27'	0°	32"	30" x 19" ELL RCP	37.375" x 26.438"	Hole 40 x 28	40" x 28"	40"	0"	0"
Invert 2	779.37'	270°	32"	30" x 19" ELL RCP	37.375" x 26.438"	Hole 40 x 28	40" x 28"	40"	1.2"	0"
Invert 3	780.27'	180°	45"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	15.225"	13"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 34"
Height (Ext): 42"

Weight (Net): 6662 lb
Volume (Net): 1.7cu.yd

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

Plant: Beaver Dam
6/1/2026 8:24:10 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-1

P2 BX036048-10LD08W-SP

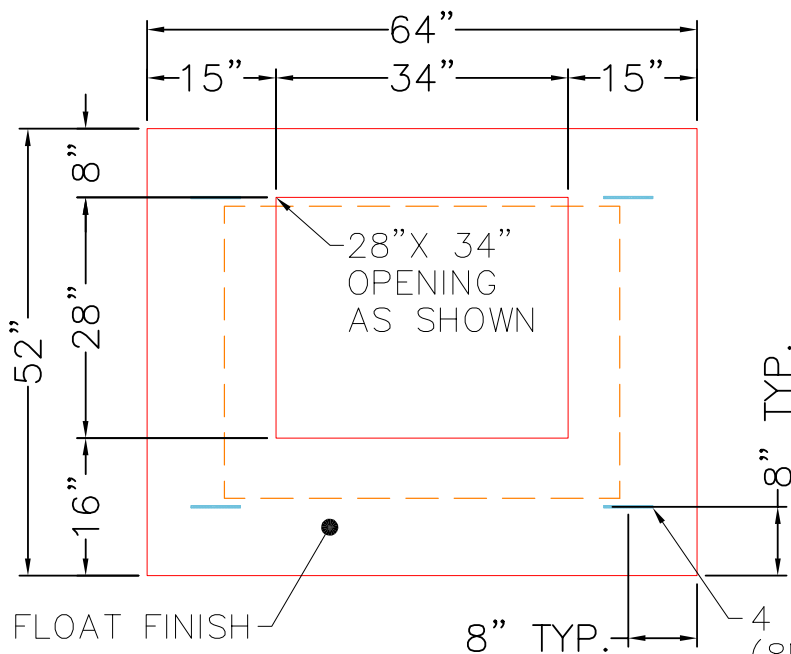
BX FLAT LID 8"W - TDOT 12P (28"x34" Hole)

- P3) 28" x 34" - CASTING HEIGHT - 7"
P2) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) - 10"
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 31"
1) CASTING - JBS-3123 MODIFIED SET
1) 36" x 48" - Conseal CS-102 1.00"
1) 28" x 34" - Conseal CS-102 1.00"
1) Hole - 40 x 28
1) Hole - 25
1) Hole - 6

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

Structure Total:

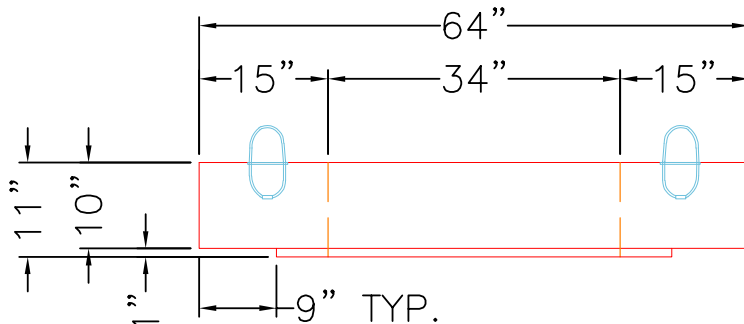
7822 lb



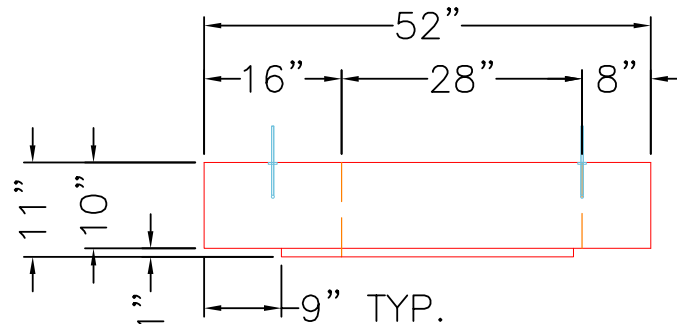
TOP VIEW

GENERAL NOTES:

1. MANUFACTURED TO TDOT D-CB-12 / ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: PER TDOT DRAWING D-CB-12S MODIFIED (GRADE 60).
4. WEIGHT: 2,044 LBS
5. JOINT SEALANT TO BE CONSEAL CS-102, 1".



FRONT VIEW



RIGHT VIEW

Coating (Int):
Coating (Ext):

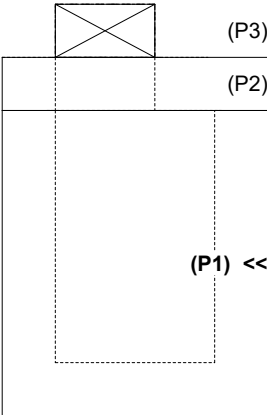
Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 10"

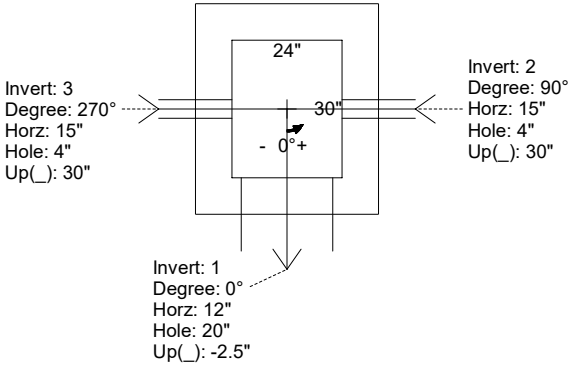
Weight (Net): 2044 lb
Volume (Net): 0.52cu.yd

Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315) Job Location: Indiana, KY Contractor: Louisville Paving and Construction					Plant: 100 6/12/2026 3:09:25 PM		Tech: J. Horsley - A PC: J. Jarvis				
Structure ID: 89											
P1 BX24300808VF BOX BASE 8inW, 8inF, Variable Ht F/n											
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 - 38" 1) 24" x 30" - Conseal CS-102 1.00" 1) 15" x 27" - Conseal CS-102 1.00" 1) Hole - 20 2) Hole - 4 Structure Total: 5542 lb						Structure Notes: ** KYTC STATE PROJECT ** 1. PER KYTC DBI TYPE 13G / 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-230G FRAME & GRATE SUPPLIED BY OTHERS - POURED IN PLACE BY OTHERS					
Rim: 552.23' Rim to Invert: 4.5' Slack: 0" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	547.73'	0°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"	
Invert 2	550.23'	90°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	30"	0"	
Invert 3	550.23'	270°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	30"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



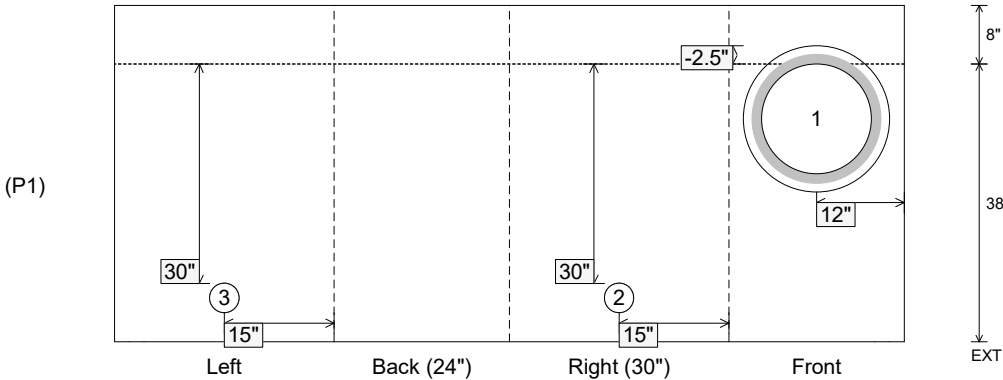
(P3)
(P2)
(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



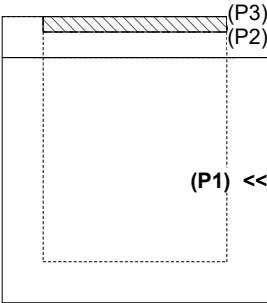
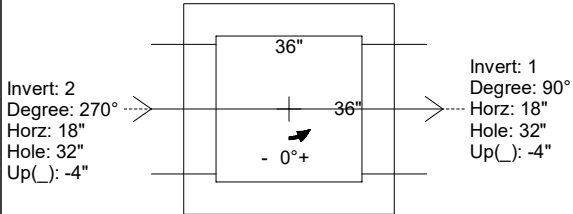
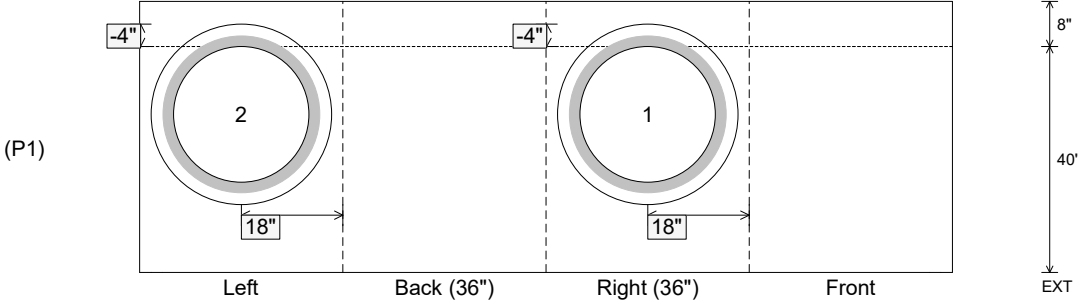
Upside-Down View (int. dimensions)

INSIDE WALL DIMENSIONS



(P1)

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 38" Height (Ext): 46"	Weight (Net): 4579 lb Volume (Net): 1.17cu.yd
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Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315) Job Location: Indiana, KY Contractor: Louisville Paving and Construction					Plant: 100 6/12/2026 3:09:38 PM		Tech: J. Horsley - A PC: J. Jarvis				
Structure ID: 14											
P1 BX3636-08BAVF BOX BASE 8inW, 8inF, Variable Ht F/n											
P3) 36" x 36" - CASTING (cast in) - 3" P2) 36" x 36" - CB FLAT TOP 8"W SPEC. (KY-328 CAST IN) F/F - 8" P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 40" 1) This Structure Includes a Cast-in Item - HOE KY-328 Frame (Supplied by Others) 2) 36" x 36" - Conseal CS-102 1.00" 2) Hole - 32" Structure Total: 6457 lb						Structure Notes: ** KYTC STATE PROJECT ** 1. PER KYTC DBI TYPE 3 / 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-328 FRAME & GRATES SUPPLIED BY OTHERS - FRAME TO BE CAST INTO FLAT LID					
Rim: 562.6' Rim to Invert: 4' Slack: 0" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	558.6'	90°	26"	24" HDPE	27.8"	Hole 32	32"	32"	-4"	0"	
Invert 2	558.6'	270°	26"	24" HDPE	27.8"	Hole 32	32"	32"	-4"	0"	
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: Flat Seam Dn: n/a		Wall Thickness: 8" Floor Height: 8"		Height (Int): 40" Height (Ext): 48"		Weight (Net): 5461 lb Volume (Net): 1.4cu.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 5:01:17 PM

Tech: J. Horsley - A

PC: J. Jarvis



Structure ID: 12

P1 BX18180606VF

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

P2) 18" x 18" - CASTING HEIGHT - 4"

P1) 18" x 18" - BOX BASE 6inW, 6inF, Variable Ht F/n - 23"

1) 18" x 18" - Conseal CS-102 1.00"

1) Hole - 18

0 lb

1469 lb

0 lb

0 lb

1469 lb

Structure Total:

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: 562.6'

Rim to Invert: 2.25'

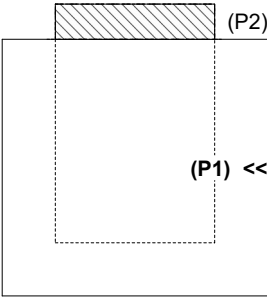
Slack: 0"

Sump: 0"

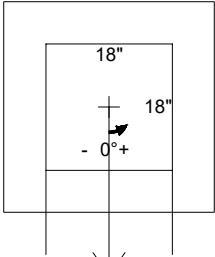
Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	560.35'	0°	15"	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. dimenions)



Invert: 1

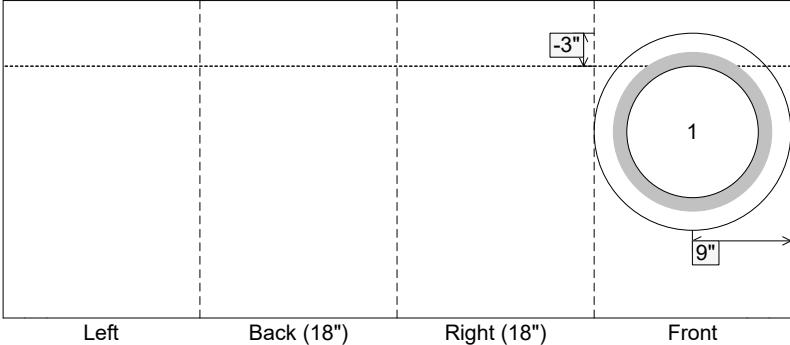
Degree: 0°

Horz: 9"

Hole: 18"

Up(): -3"

INSIDE WALL DIMENSIONS



Left

Back (18")

Right (18")

Front

6"

23"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 23"

Height (Ext): 29"

Weight (Net): 1469 lb

Volume (Net): 0.38cu.yd



Weight (Net): 3397 lb
Volume (Net): 0.87cu.yd

Job Name: 26-2030 - KYTC McCracken Co. Call 111 (ID 264505)

Job Location: Paducah, KY

Contractor: Jim Smith Contracting Co, LLC

Plant: 100

6/12/2026 7:49:37 AM

Tech: J. Horsley

PC: J. Jarvis



Structure ID: 147+09 RT S-8 CBIB

P1 BX2424-08BA30

BOX BASE 8inW, 8inF F/n

P4) 8" x 120" - CB INLET KY B 10' TOP F/G - 9"

P3) 24" x 120" - CB INLET KY B 10' BOTTOM LEFT T/G - 17"

P2) 24" x 24" - FIELD ADJUSTMENT - 2"

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

1) CASTING - HOE KY-345 SET (CBI B)

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

1) Hole - 18

1660 lb

2650 lb

0 lb

3481 lb

290 lb

0 lb

0 lb

Structure Total: 8081 lb

Structure Notes:

** KYTC STATE PROJECT **

1. PER KYTC CBI TYPE B / ASTM C913 SPEC'S.

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

3. CASTING BT ICAST (HOE KY-345 F/G(CBI-B)

.

REINFORCING PER ASTM A615 (GRADE 60).

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

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

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

Rim: 373.02'

Rim to Invert: 4.91'

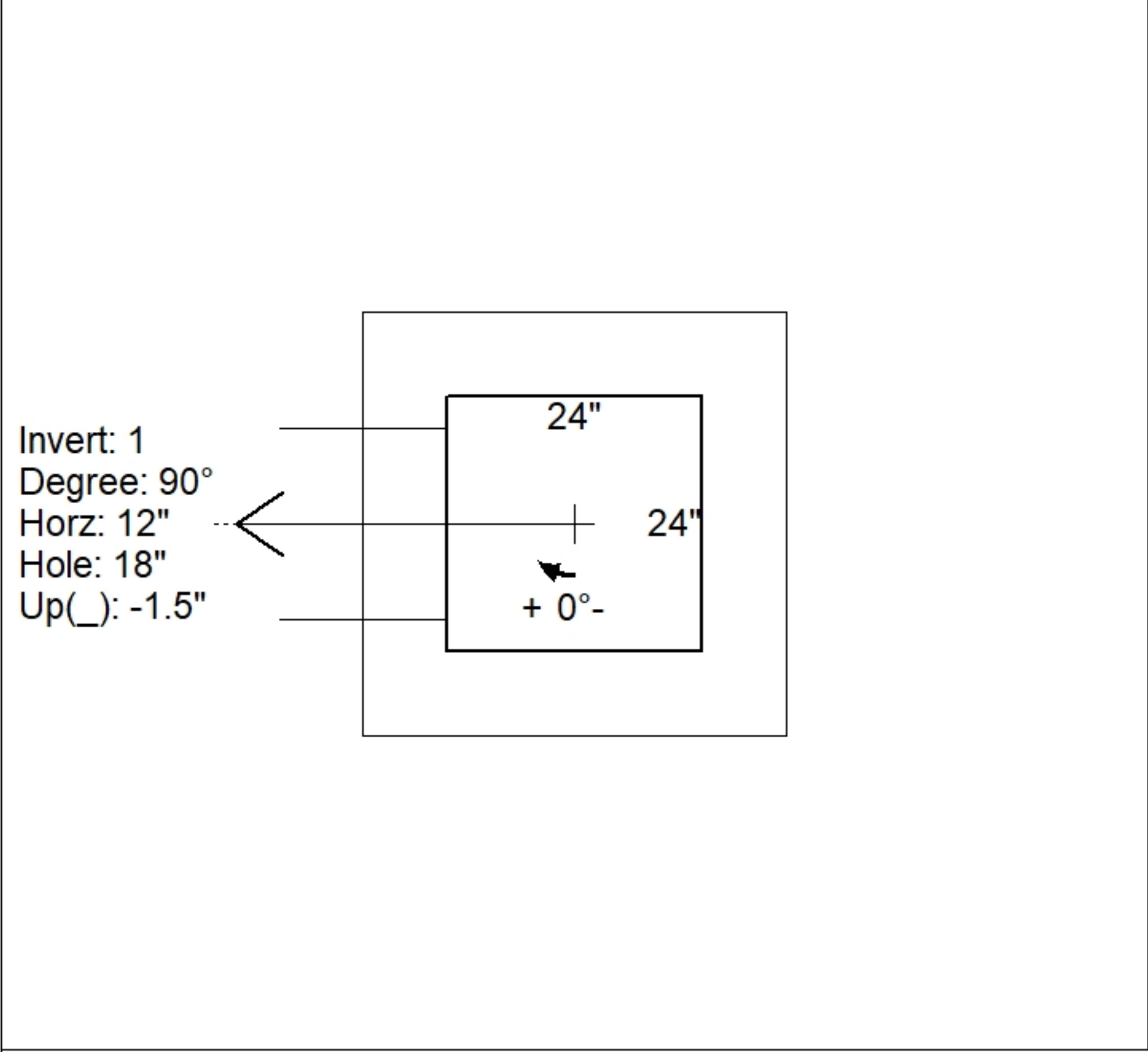
Slack: 0.92"

Sump: 0"

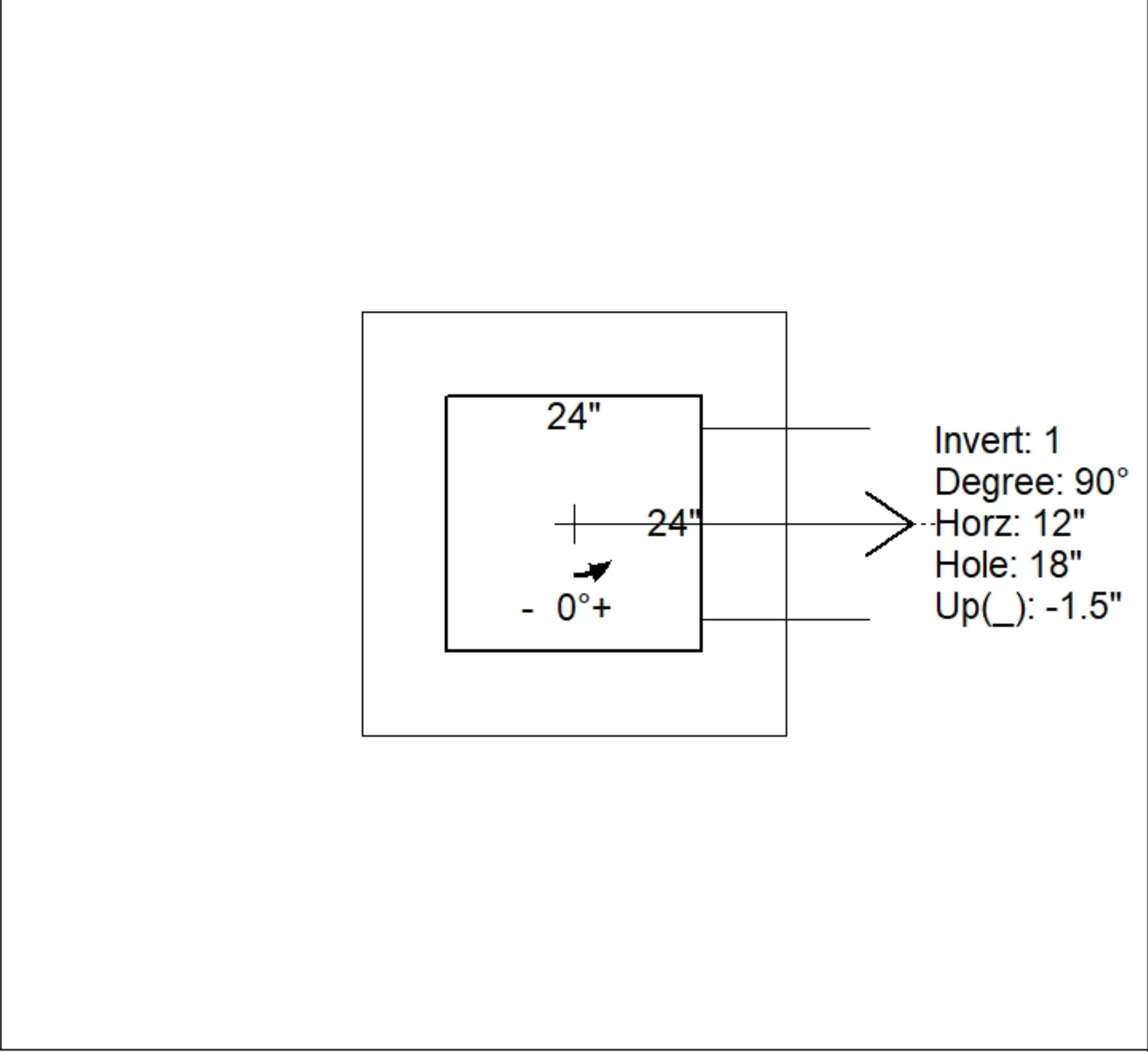
Step Position:

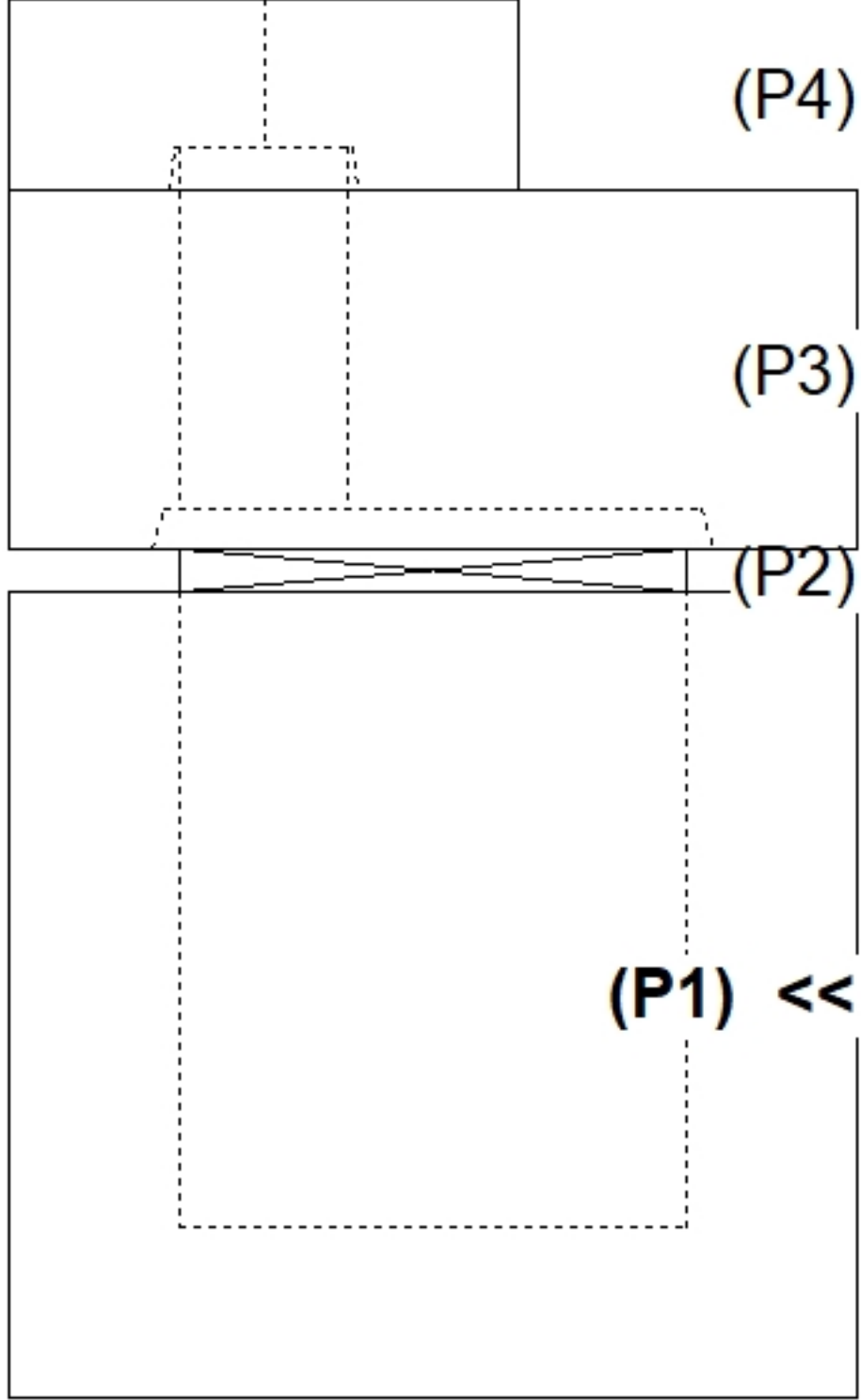
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	368.11'	90°	20"	15" CMP	16"	Hole 18	18"	18"	-1.5"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



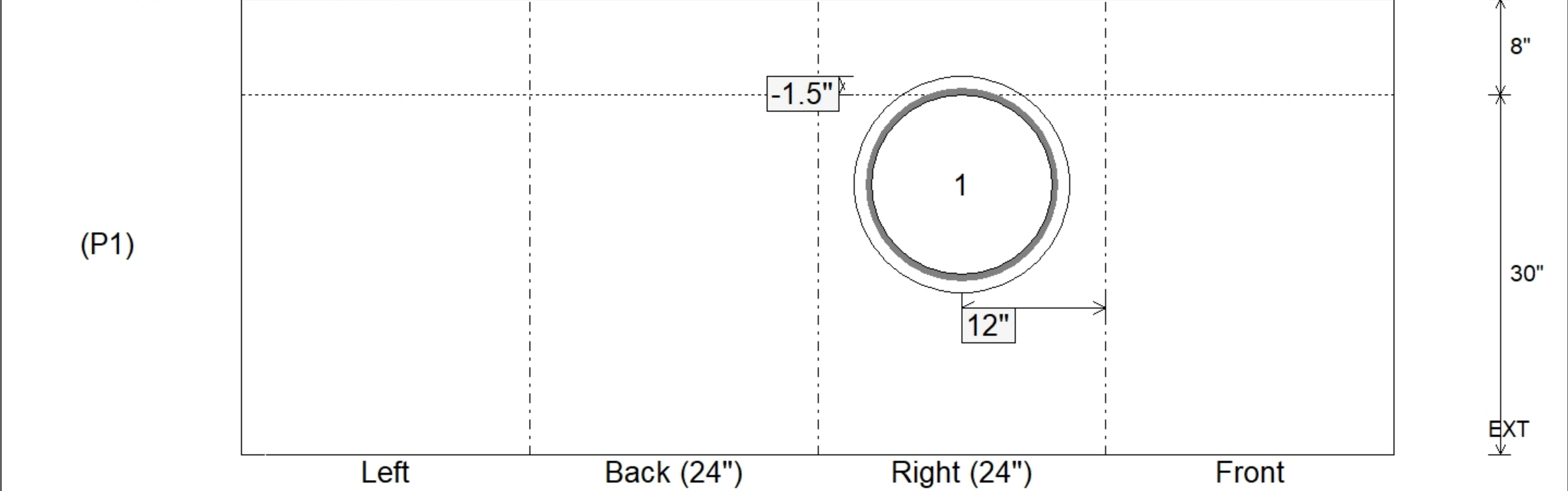
UPSIDE-DOWN VIEW (int. dimenions)





(P1) <<

INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

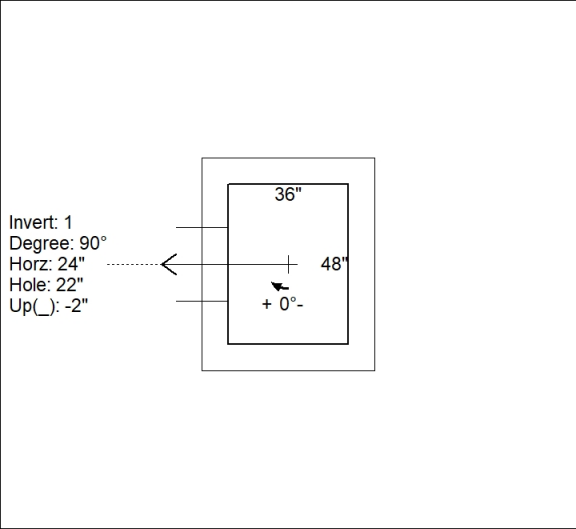
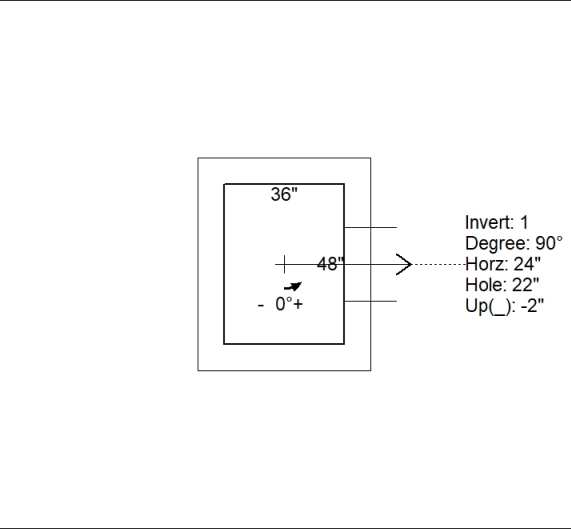
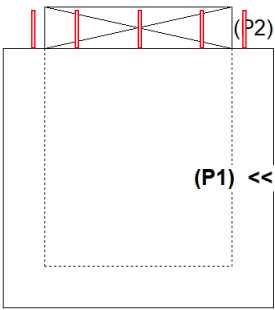
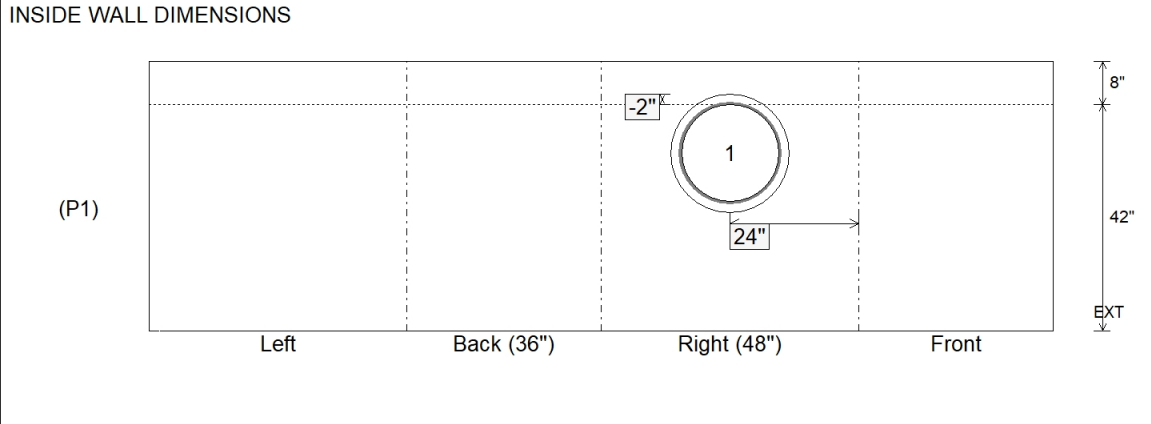
Floor Height: 8"

Height (Int): 30"

Height (Ext): 38"

Weight (Net): 3481 lb

Volume (Net): 0.89cu.yd

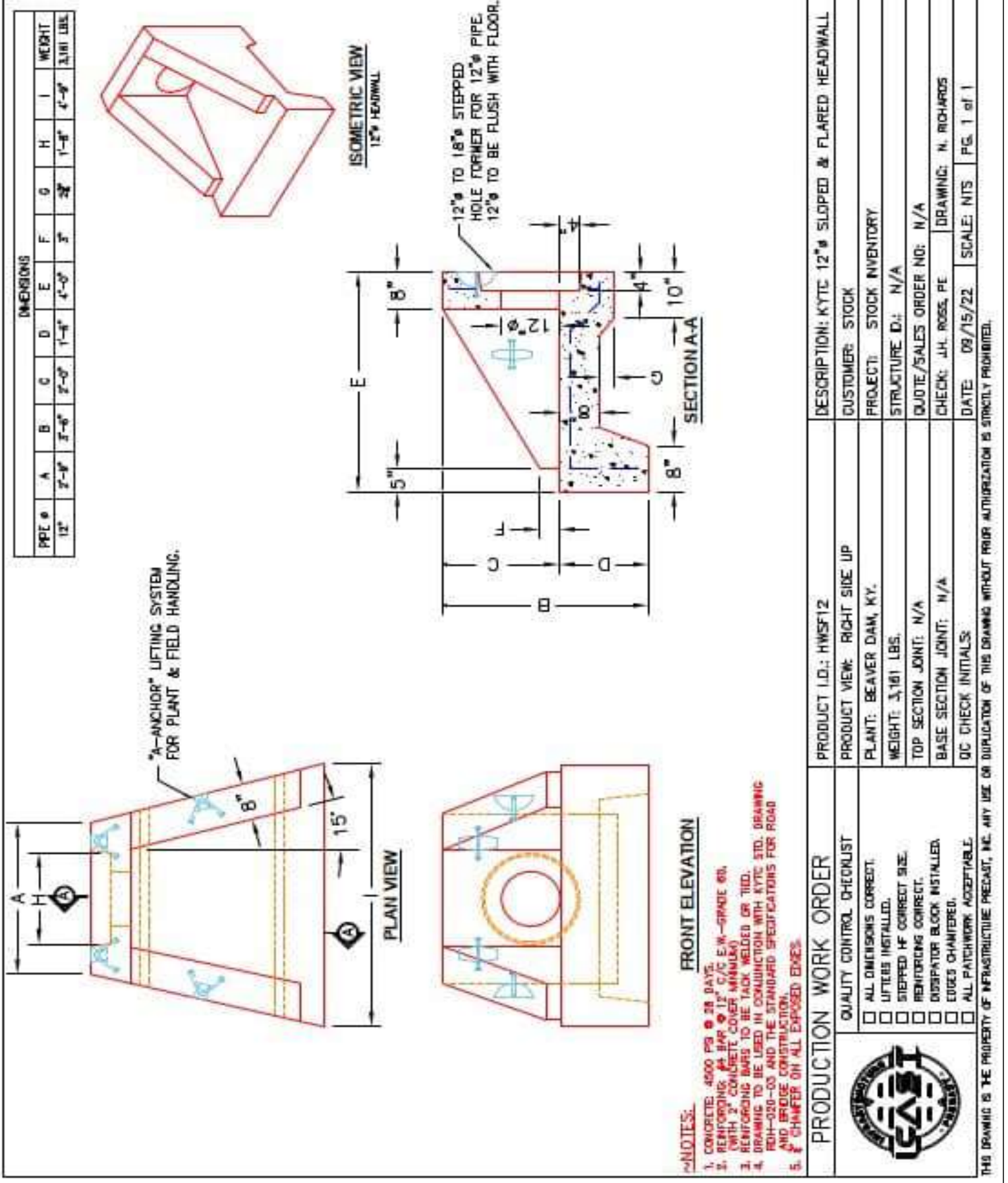
Job Name: 26-2030 - KYTC McCracken Co. Call 111 (ID 264505) Job Location: Paducah, KY Contractor: Jim Smith Contracting Co, LLC					Plant: 100 6/12/2026 7:49:46 AM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: 165+47 S3 DBI5E											
P1		BX3648-08BA42		BOX BASE 8inW, 8inF F/n							
P2) 36" x 48" - P.I.P. - BY OTHERS - 8" P1) 36" x 48" - BOX BASE 8inW, 8inF F/n - 42" 1) CASTING - HOE KY-460 SET (DBI 5E) 1) 36" x 48" - Conseal CS-102 1.00" 1) Hole - 22"					0 lb 7618 lb 460 lb 0 lb 0 lb ----- Structure Total: 8078 lb		Structure Notes: . **KYTC STATE PROJECT** 1. KYTC DBI TYPE 5 / ASTM C913 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE KY-460 (DBI 5E). 4. STUB #5 BARS 20" OUT TOP OF WALLS (SPA@12"C/C) 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: 391.11' Rim to Invert: 4.21' Slack: 0.52" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	386.9'	90°	32"	18" CMP	19"	Hole 22	22"	22"	-2"	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): 42" Height (Ext): 50"		Weight (Net): 7618 lb Volume (Net): 1.95cu.yd		



Structure ID: HW-3 HW

P1 HWSF12

12" - SLOPED & FLARED HEADWALL F/F



Job Name: 26-1453 Clarksville, TN SPC13A
Job Location: Clarksville, TN
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam

6/23/2026 8:57:48 AM

Tech: J. Coppage

PC: C. Goff



Structure ID: 13A-PS-MH-004

P1 MH048BAVF-DCDARED

MH BASE w/DROP Cust. Ht/ConBlock-CDA Red

- P6) 24" - CASTING HEIGHT - 6"
P5) 24" - GRADE RING w/ConBlock-CDA Red - 3"
P4) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 30"
P3) 48" - MH RISER w/DROP/ConBlock-CDA Red - 36"
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 60"
P1) 48" - MH BASE w/DROP Cust. Ht/ConBlock-CDA Red - 35"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 60" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
3) 48" - Conseal CS-102 1.00" (Double)
2) 24" - Conseal CS-102 1.00" (Double)
1) A-Lok - 0410
1) Drop Tee - 6" PVC
1) Drop Elbow - 6" PVC
14) MH Step ML-10-TDS-NCR - 10"

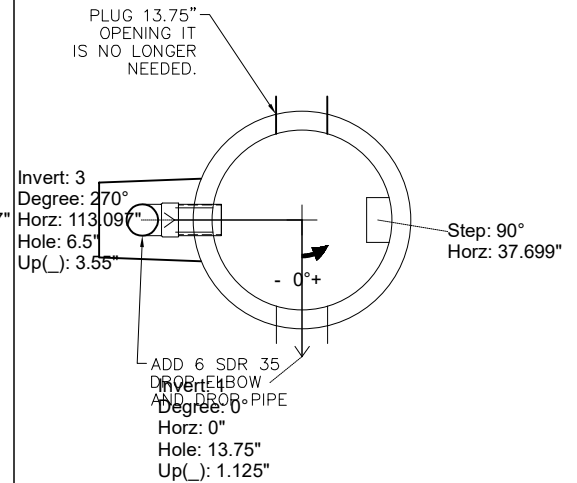
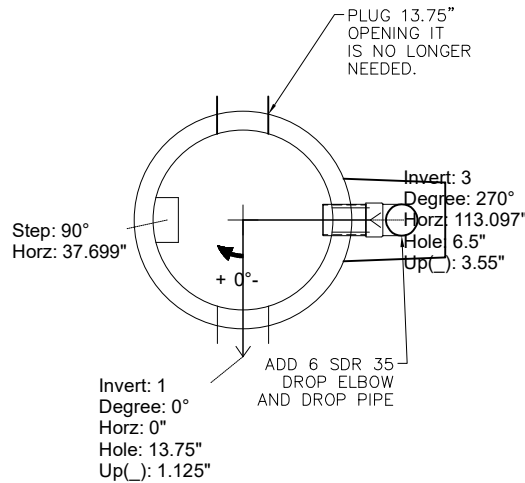
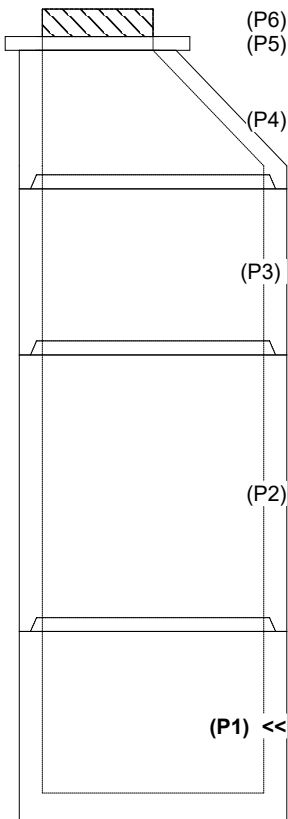
- Structure Notes: 1. JBS-1155 SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
5. BASE AND 60" RISER OF STRUCTURE HAVE BEEN PREVIOUSLY PRODUCED STRUCTURE ID PS-MH-004-5SS-MHD. INVERT 2 OF EXISTING BASE TO BE PLUGGED AS INVERT IS NO LONGER NEEDED.

Rim: 542.65' Rim to Invert: 14' Slack: 0" Sump: 2" Step Position: 135'

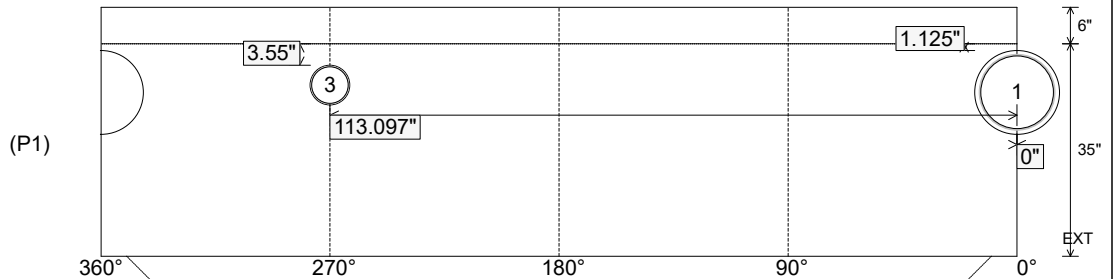
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	528.65'	0°	0"	12" PVC SDR26	12.5"	A-Lok 0410	13.75"	13.945"	1.125"	0"
Invert 2										
Invert 3	528.8'	270°	136.659"	6" PVC SDR26	6.25"	Drop Elbow 6" PVC	6.5"	6.52"	3.55"	0"
Invert 4										
Invert 5										
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): 35"
Height (Ext): 41"

Weight (Net): 3698 lb
Volume (Net): 0.94cu.yd

Job Name: 26-1453 Clarksville, TN SPC13A
Job Location: Clarksville, TN
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam

6/23/2026 8:57:48 AM

Tech: J. Coppage

PC: C. Goff



Structure ID: 13A-PS-MH-004

P1 MH048BAVF-DCDARED

MH BASE w/DROP Cust. Ht/ConBlock-CDA Red

- P6) 24" - CASTING HEIGHT - 6"
P5) 24" - GRADE RING w/ConBlock-CDA Red - 3"
P4) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 30"
P3) 48" - MH RISER w/DROP/ConBlock-CDA Red - 36"
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 60"
P1) 48" - MH BASE w/DROP Cust. Ht/ConBlock-CDA Red - 35"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 60" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
3) 48" - Conseal CS-102 1.00" (Double)
2) 24" - Conseal CS-102 1.00" (Double)
1) A-Lok - 0410
1) Drop Tee - 6" PVC
1) Drop Elbow - 6" PVC
14) MH Step ML-10-TDS-NCR - 10"

**INVERT CHANNEL DRAWING
FULL HEIGHT INVERT**

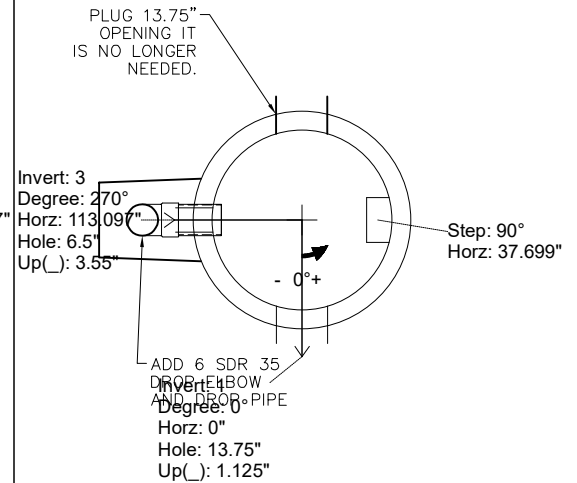
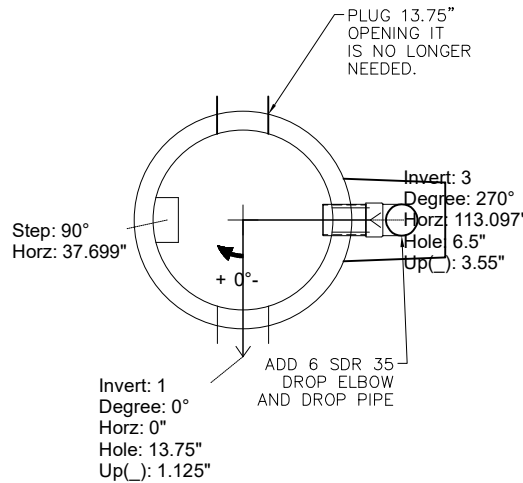
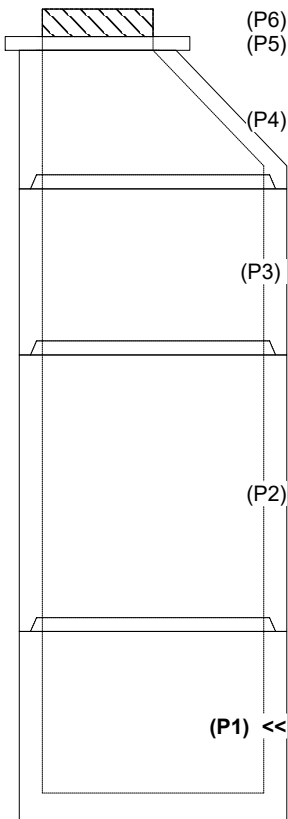
- Structure Notes: 1. JBS-1155 SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
5. BASE AND 60" RISER OF STRUCTURE HAVE BEEN PREVIOUSLY PRODUCED STRUCTURE ID PS-MH-004-5SS-MHD. INVERT 2 OF EXISTING BASE TO BE PLUGGED AS INVERT IS NO LONGER NEEDED.

Rim: 542.65' Rim to Invert: 14' Slack: 0" Sump: 2" Step Position: 135'

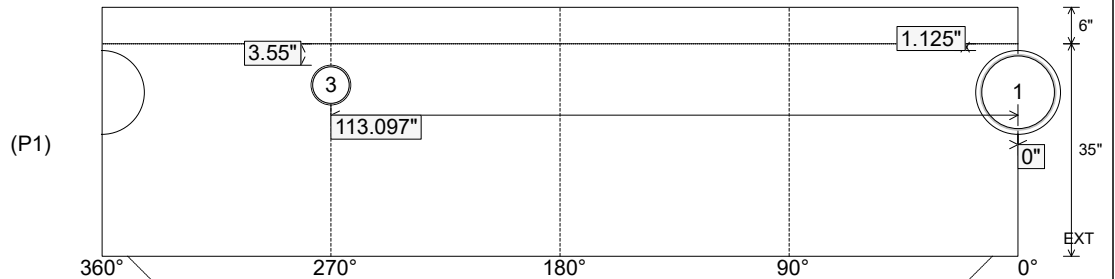
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	528.65'	0°	0"	12" PVC SDR26	12.5"	A-Lok 0410	13.75"	13.945"	1.125"	0"
Invert 2										
Invert 3	528.8'	270°	136.659"	6" PVC SDR26	6.25"	Drop Elbow 6" PVC	6.5"	6.52"	3.55"	0"
Invert 4										
Invert 5										
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"

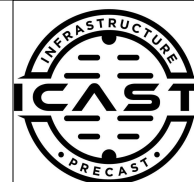
Height (Int): 35"
Height (Ext): 41"

Weight (Net): 3698 lb
Volume (Net): 0.94cu.yd

Job Name: 26-1453 Clarksville, TN SPC13A
Job Location: Clarksville, TN
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam
6/23/2026 9:10:10 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: 13A-PS-MH-002

P1 MH048BAVF-DCDARED

MH BASE w/DROP Cust. Ht/ConBlock-CDA Red

- P6) 24" - CASTING HEIGHT - 6"
P5) 24" - GRADE RING w/ConBlock-CDA Red - 4"
P4) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 24"
P3) 48" - MH RISER w/ConBlock-CDA Red - 48"
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 72"
P1) 48" - MH BASE w/DROP Cust. Ht/ConBlock-CDA Red - 27"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
3) 48" - Conseal CS-102 1.00" (Double)
2) 24" - Conseal CS-102 1.00" (Double)
2) A-Lok - 0410
14) MH Step ML-10-TDS-NCR - 10"

0 lb
270 lb
1738 lb
3353 lb
5030 lb
3090 lb
0 lb
0 lb
1440 lb
0 lb
0 lb
2 lb
0 lb
Structure Total: 14924 lb

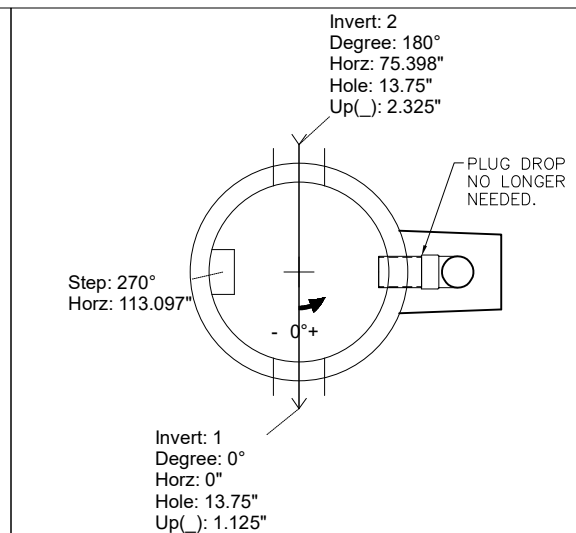
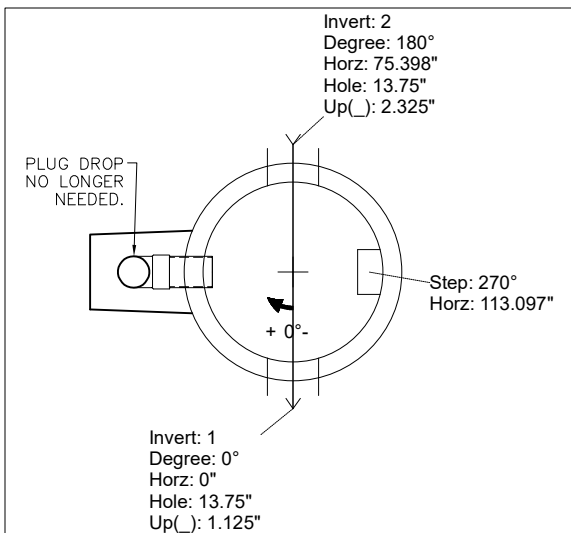
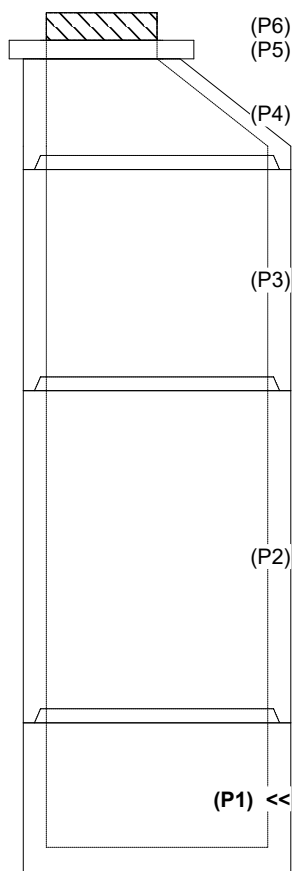
Structure Notes: 1. JBS-1155 SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
5. BASE AND RISERS OF STRUCTURE HAVE BEEN PREVIOUSLY PRODUCED STRUCTURE ID PS-MH-002-3SS-MHD. EXTERNAL DROP NO LONGER NEEDED TO BE PLUGGED. CONE NEEDS TO BE PRODUCED AS PREVIOUS CONE WAS 30".

Rim: 542.44' Rim to Invert: 14.94' Slack: 0.28" Sump: 2" Step Position: 270

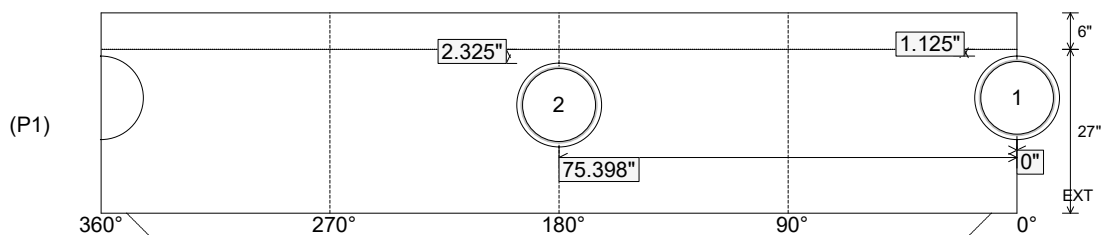
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1	527.5'	0°	0"	12" PVC SDR26	12.5"	A-Lok 0410	13.75"	13.945"	1.125"	0"
Invert 2	527.6'	180°	91.106"	12" PVC SDR26	12.5"	A-Lok 0410	13.75"	13.945"	2.325"	0"
Invert 3										
Invert 4										
Invert 5										
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): 27"
Height (Ext): 33"

Weight (Net): 3090 lb
Volume (Net): 0.79cu.yd

Job Name: 26-1453 Clarksville, TN SPC13A
Job Location: Clarksville, TN
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam

6/23/2026 9:10:10 AM

Tech: J. Coppage

PC: C. Goff



Structure ID: 13A-PS-MH-002

P1 MH048BAVF-DCDARED

MH BASE w/DROP Cust. Ht/ConBlock-CDA Red

- P6) 24" - CASTING HEIGHT - 6"
P5) 24" - GRADE RING w/ConBlock-CDA Red - 4"
P4) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 24"
P3) 48" - MH RISER w/ConBlock-CDA Red - 48"
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 72"
P1) 48" - MH BASE w/DROP Cust. Ht/ConBlock-CDA Red - 27"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
3) 48" - Conseal CS-102 1.00" (Double)
2) 24" - Conseal CS-102 1.00" (Double)
2) A-Lok - 0410
14) MH Step ML-10-TDS-NCR - 10"

INVERT CHANNEL DRAWING
FULL HEIGHT INVERT

Structure Total:

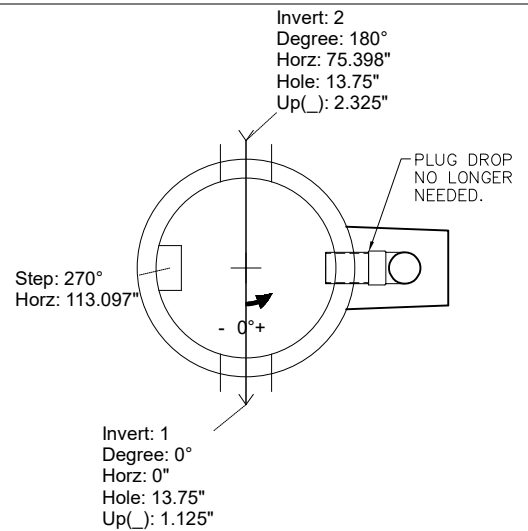
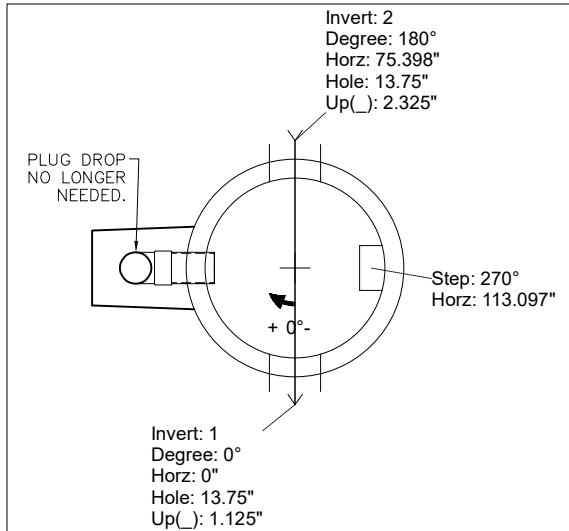
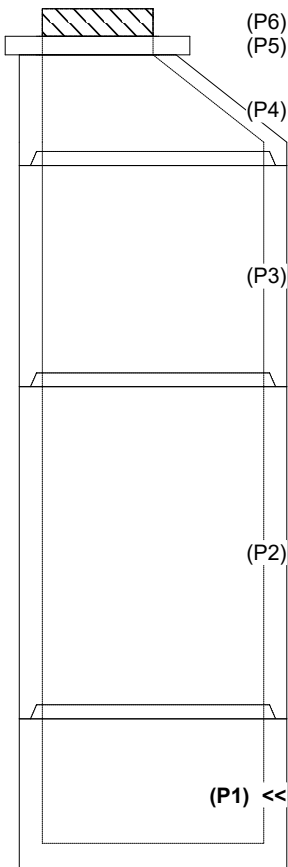
- 0 lb
270 lb
1738 lb
3353 lb
5030 lb
3090 lb
0 lb
0 lb
1440 lb
0 lb
0 lb
2 lb
0 lb
LONGER
NEEDED TO BE PLUGGED. CONE NEEDS TO BE PRODUCED AS PREVIOUS CONE WAS 30".
- Structure Notes: 1. JBS-1155 SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
5. BASE AND RISERS OF STRUCTURE HAVE BEEN PREVIOUSLY PRODUCED STRUCTURE ID PS-MH-002-3SS-MHD. EXTERNAL DROP NO LONGER

Rim: 542.44' Rim to Invert: 14.94' Slack: 0.28" Sump: 2" Step Position: 270

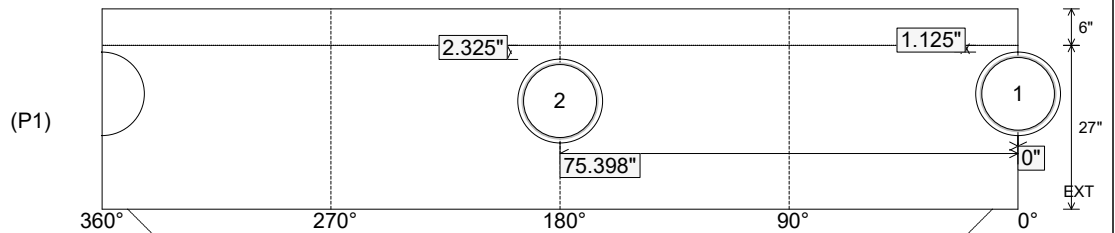
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	527.5'	0°	0"	12" PVC SDR26	12.5"	A-Lok 0410	13.75"	13.945"	1.125"	0"
Invert 2	527.6'	180°	91.106"	12" PVC SDR26	12.5"	A-Lok 0410	13.75"	13.945"	2.325"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



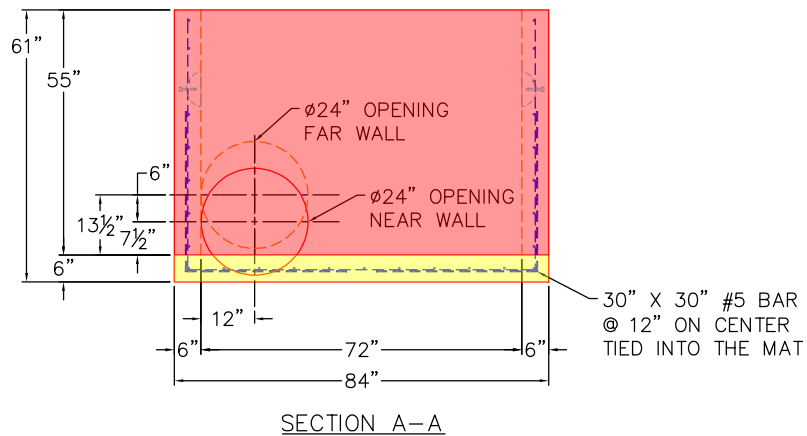
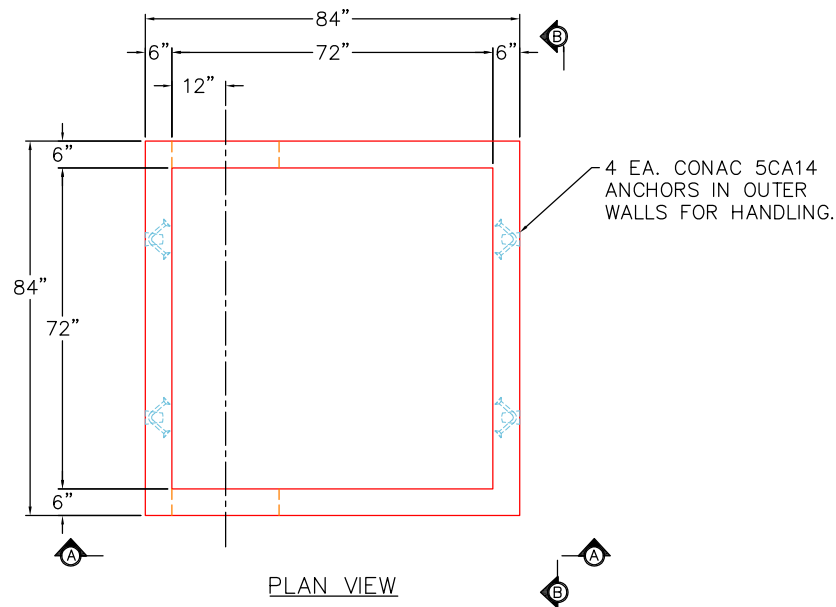
Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

Height (Int): 27"
Height (Ext): 33"

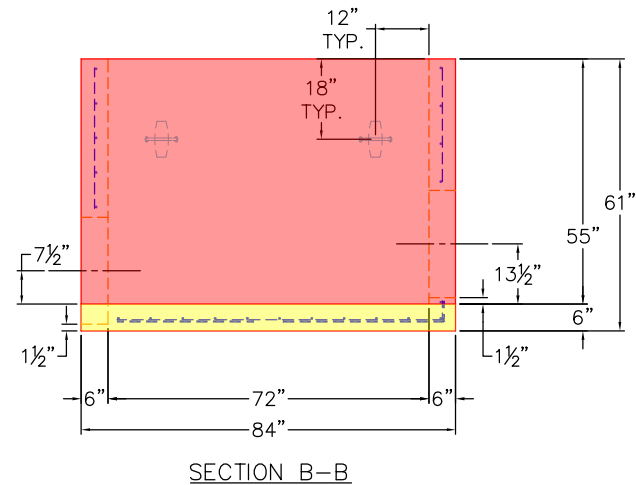
Weight (Net): 3090 lb
Volume (Net): 0.79cu.yd



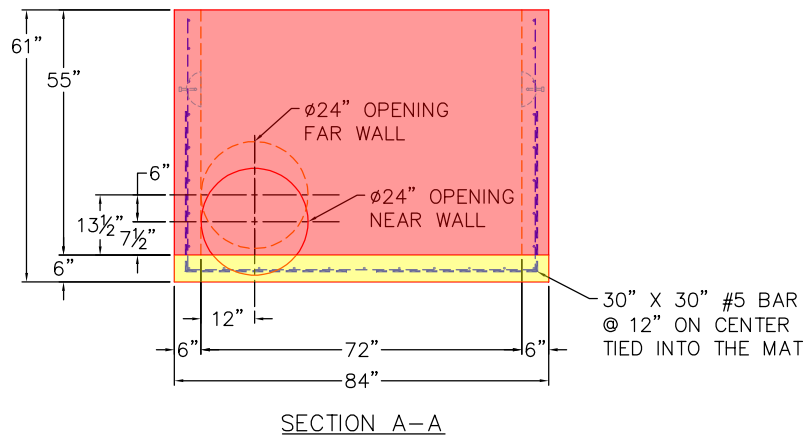
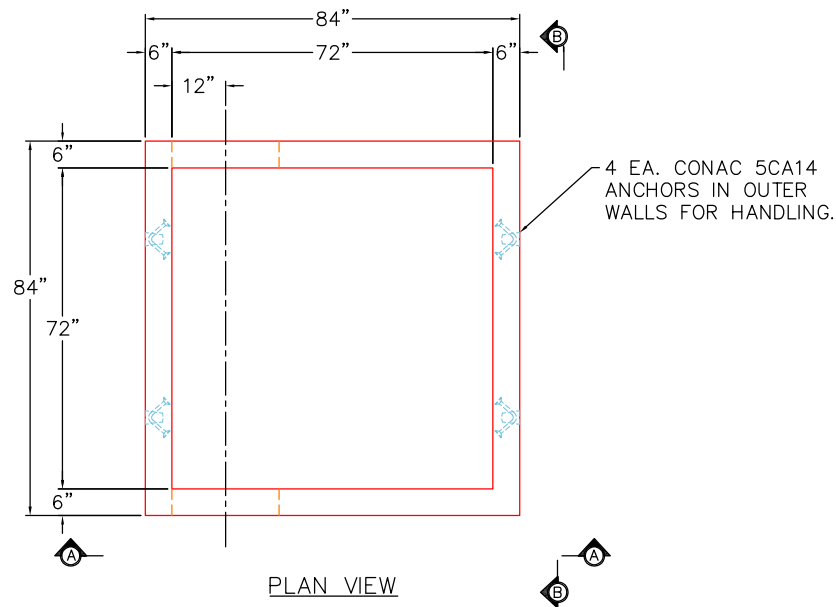
GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS. CONCRETE.
3. REINFORCING: PER ASTM A615 (GRADE 60).
- WALLS/FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
4. WEIGHTS: TOTAL = 11,737 LBS
FIRST POUR = 3,523 LBS
SECOND POUR = 8,214 LBS
5. VAULT JOINT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST)
6. STRUCTURE TO HAVE INTERNALS INSTALLED BY ICAST.
7. INLET & OUTLET PIPE OPENINGS TO BE STENCILED ONTO THE OUTSIDE OF THE PRODUCT.
8. LIFT ANCHORS TO BE PLACED ON THE OUTSIDE OF THE STRUCTURE

FIRST POUR DRAWING



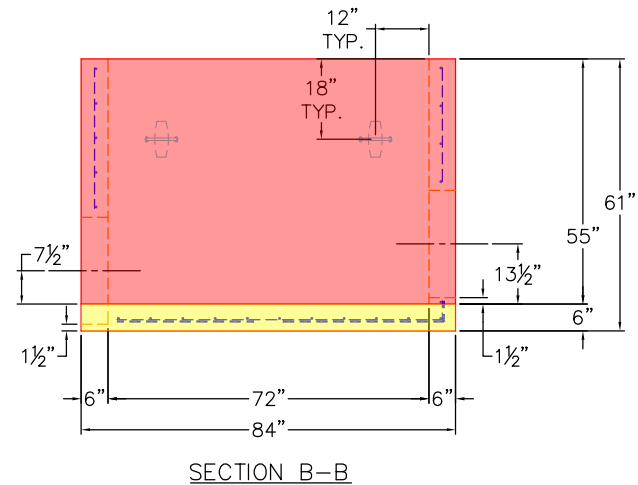
PRODUCTION WORK ORDER		PRODUCT I.D.: BX072072-08BA-VH	DESCRIPTION: 72" X 72" X 55" TALL VAULT BASE	
	QUALITY CONTROL CHECKLIST ☐ ALL DIMENSIONS CORRECT. ☐ LIFTERS INSTALLED. ☐ OPENING CORRECT LOCATION. ☐ REINFORCING CORRECT. ☐ SURFACE QUALITY ACCEPTABLE. ☐ EDGES CHAMFERED. ☐ ALL PATCHWORK ACCEPTABLE.	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: CONTECH ENGINEERING SOLUTIONS	
		PLANT: BEAVER DAM, KY.	PROJECT: 868959 COOK OUT	
		WEIGHT: 11,737 LBS.	STRUCTURE: 10-KFPD0606	
		TOP SECTION JOINT: N/A	ORDER NO: 26-2789	
		BASE SECTION JOINT: N/A	PC: C. GOFF	DRAWING: S. FELLETER
		QC CHECK INITIALS:	DATE: 06/25/26	SCALE: NTS PG. 1 of 1



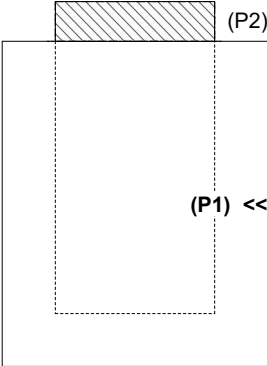
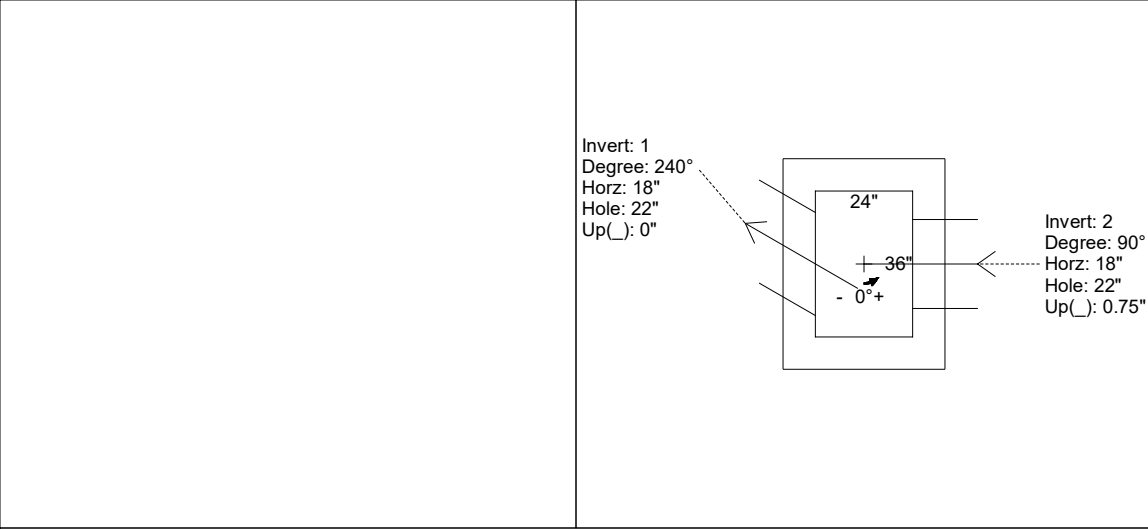
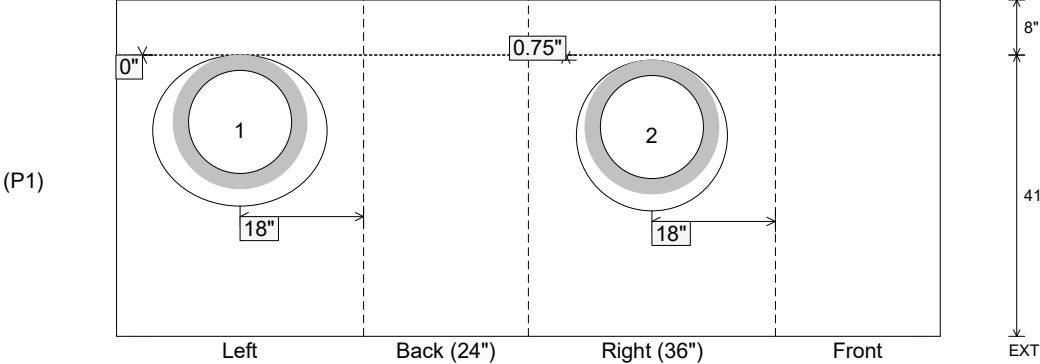
SECOND POUR DRAWING

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS. CONCRETE.
3. REINFORCING: PER ASTM A615 (GRADE 60).
- WALLS/FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
4. WEIGHTS: TOTAL = 11,737 LBS
FIRST POUR = 3,523 LBS
SECOND POUR = 8,214 LBS
5. VAULT JOINT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST)
6. STRUCTURE TO HAVE INTERNALS INSTALLED BY ICAST.
7. INLET & OUTLET PIPE OPENINGS TO BE STENCILED ONTO THE OUTSIDE OF THE PRODUCT.
8. LIFT ANCHORS TO BE PLACED ON THE OUTSIDE OF THE STRUCTURE



PRODUCTION WORK ORDER		PRODUCT I.D.: BX072072-08BA-VH	DESCRIPTION: 72" X 72" X 55" TALL VAULT BASE	
	QUALITY CONTROL CHECKLIST ☐ ALL DIMENSIONS CORRECT. ☐ LIFTERS INSTALLED. ☐ OPENING CORRECT LOCATION. ☐ REINFORCING CORRECT. ☐ SURFACE QUALITY ACCEPTABLE. ☐ EDGES CHAMFERED. ☐ ALL PATCHWORK ACCEPTABLE.	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: CONTECH ENGINEERING SOLUTIONS	
		PLANT: BEAVER DAM, KY.	PROJECT: 868959 COOK OUT	
		WEIGHT: 11,737 LBS.	STRUCTURE: 10-KFPD0606	
		TOP SECTION JOINT: N/A	ORDER NO: 26-2789	
		BASE SECTION JOINT: N/A	PC: C. GOFF	DRAWING: S. FELLETER
		QC CHECK INITIALS:	DATE: 06/25/26	SCALE: NTS PG. 1 of 1

Job Name: 26-2104 - Jeffersonville High School Parking Lot Job Location: Jeffersonville, IN Contractor: Mac Construction & Excavating, Inc.					Plant: 100 6/27/2026 7:12:38 PM		Tech: Jared - A PC: T. Lewis				
Structure ID: 11 ST-CI											
P1 BX2436-08BVF		BOX BASE 8inW, 8inF, Variable Ht F/n									
P2) 24" x 36" - CASTING HEIGHT - 6" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 41" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 22					0 lb 5030 lb 0 lb 0 lb ----- 0 lb Structure Total: 5030 lb		<u>Structure Notes:</u> 1. PER ASTM C-913 SPECIFICATIONS 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. STORM INVERT BY OTHERS 5. HOE 525 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS				
Rim: 483.74' Rim to Invert: 3.84' Slack: 1.33' Sump: 2.25" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	479.9'	240°	21.375"	15" RCP B WALL	19.5"	Hole 22	22"	25.403"	0"	6"	
Invert 2	479.96'	90°	26"	15" RCP B WALL	19.5"	Hole 22	22"	22"	0.75"	0"	
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: Flat Seam Dn: n/a		Wall Thickness: 8" Floor Height: 8"		Height (Int): 41" Height (Ext): 49"		Weight (Net): 5030 lb Volume (Net): 1.28cu.yd		

Job Name: 26-2080 - The Cumberland

Job Location: Bowling Green, KY

Contractor: J & J Concrete & Excavating, LLC

Plant: 100

6/22/2026 6:23:23 PM

Tech: Jared - A

PC: E. Bradley



Structure ID: A3 ST-CI

P1 BX2436-08BVF

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

P2) 24" x 36" - CASTING HEIGHT - 6"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 45"

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

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

2) Hole - 24

0 lb

5381 lb

442 lb

0 lb

0 lb

Structure Total: 5823 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

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 525 FRAME, FLAT GRATE, & CURB HOOD SUPPLIED BY ICAST

Rim: 531.38'

Rim to Invert: 4.44'

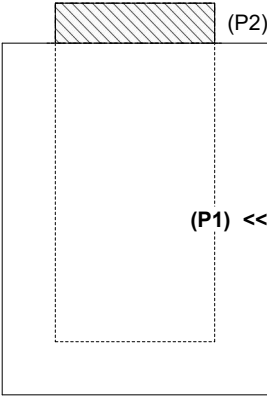
Slack: 2.28"

Sump: 0"

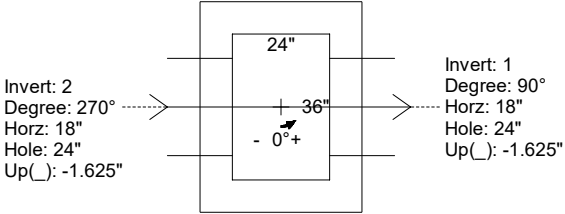
Step Position: 180°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	526.94'	90°	26"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 2	526.94'	270°	26"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

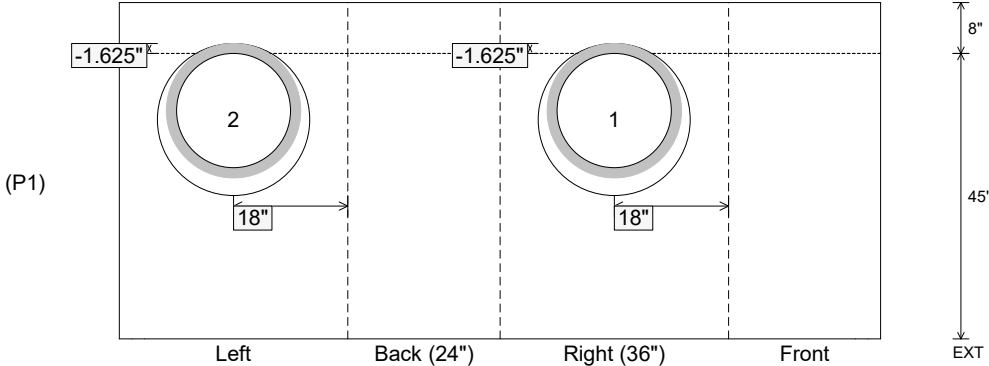
RIGHT-SIDE UP VIEW (int. dimensions)



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): 45"

Height (Ext): 53"

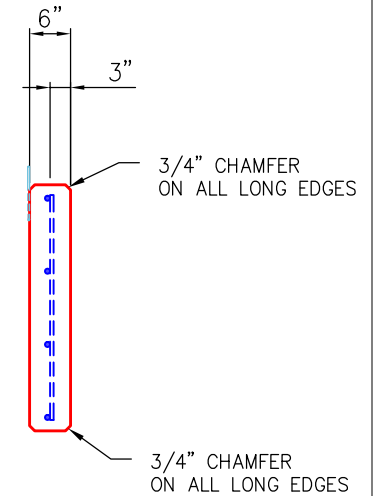
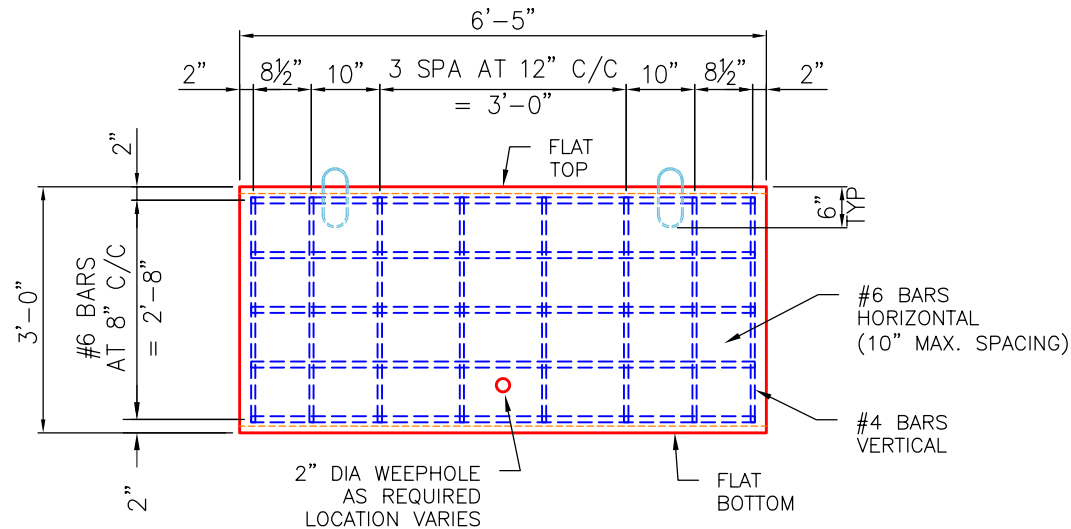
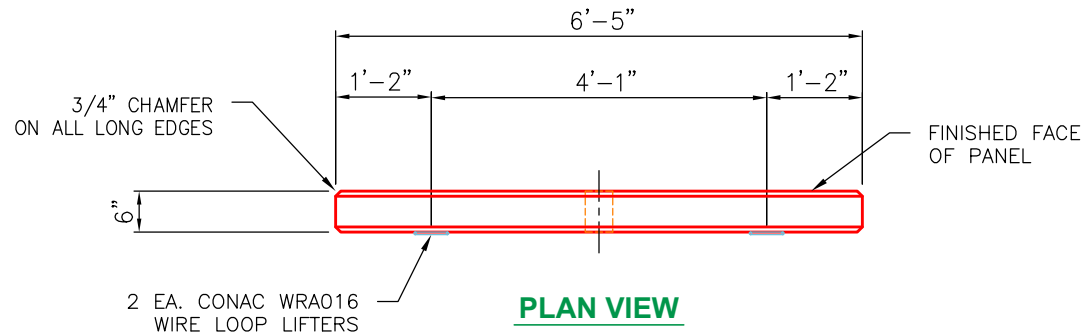
Weight (Net): 5381 lb

Volume (Net): 1.37cu.yd



Weight (Net): 5655 lb
Volume (Net): 1.44cu.yd

Job Name: 26-1333 - Mitchell Hill Road Project Job Location: Louisville, KY 40118 Contractor: Hall Contracting of Kentucky Inc					Plant: 100 6/16/2026 1:22:02 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: WALL P1-P2											
P1 CUSTOM WALL				WALL PANEL 6" THICK F/F							
P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P2) 77" x 6" - WALL PANEL 6" THICK F/F - 2.00' HT x 6.42' LONG P1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG 1) Hole - 2						1398 lb 932 lb 1398 lb ----- 0 lb Structure Total: 3727 lb		Structure Notes: . 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETER = 4,000 PSI AT 28" DAYS. 3. SMOOTH FORM FINISH ON THE FRONT SURFACE. 4. 3/4" CHAMFER ON ALL LONG EDGES. REINFORCING PER ASTM A615 (GRADE 60). -VERTICAL BARS = #4 BARS AT 12" C/C -HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)			
Rim: 702'		Rim to Invert: 2'		Slack: 0"		Sump: 72"		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											
(P3) (P2) (P1) << 6" RIGHT-SIDE UP VIEW (int. dimensions) Note: See attached typical drawing for reinforcing and lifting details. UPSIDE-DOWN VIEW (int. dimenions) INSIDE WALL DIMENSIONS 6'-5" (77") 36" (P1) Coating (Int): Coating (Ext): Seam Up: Flat Seam Dn: Flat Wall Thickness: 0" Floor Height: 0" Height (Int): 36" Height (Ext): 36" Weight (Net): 1398 lb Volume (Net): 0.36cu.yd											



GENERAL NOTES:

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

SIDE VIEW

END VIEW

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

Plant: 100

6/16/2026 1:23:17 PM

Tech:	J. Horsley
PC:	J. Jarvis

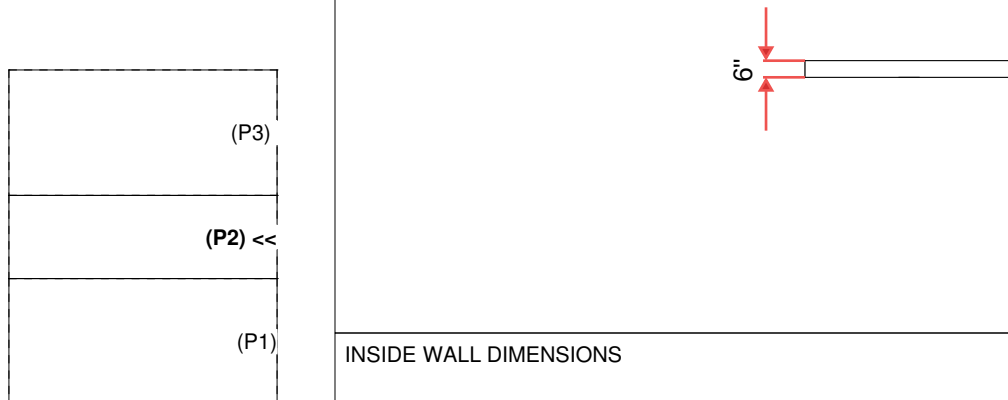


WALL PANEL 6" THICK F/F

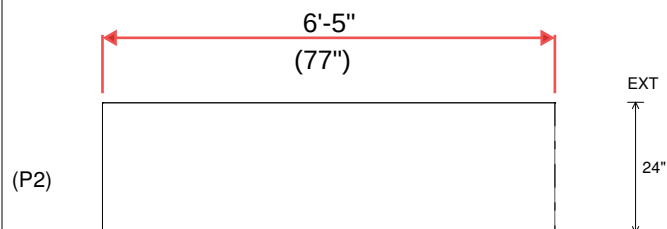
$$\begin{array}{r} 1398 \text{ lb} \\ 932 \text{ lb} \\ 1398 \text{ lb} \\ 0 \text{ lb} \\ \hline 3727 \text{ lb} \end{array}$$

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28" DAYS.
3. SMOOTH FORM FINISH ON THE FRONT SURFACE.
4. 3/4" CHAMFER ON ALL LONG EDGES.

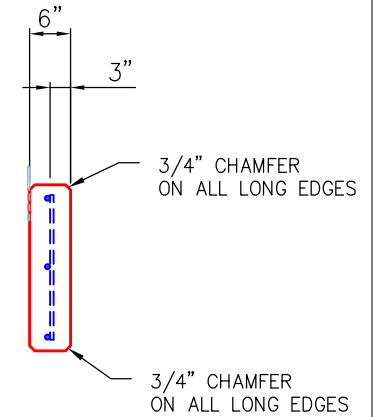
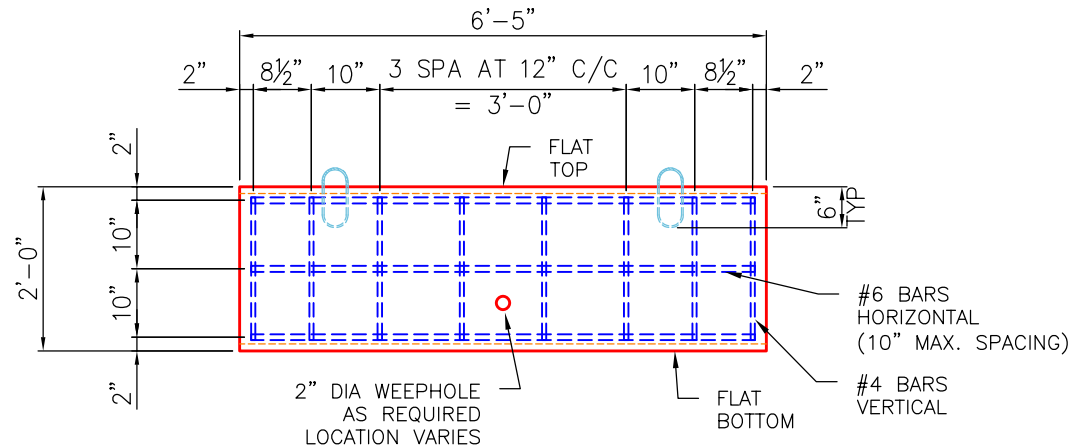
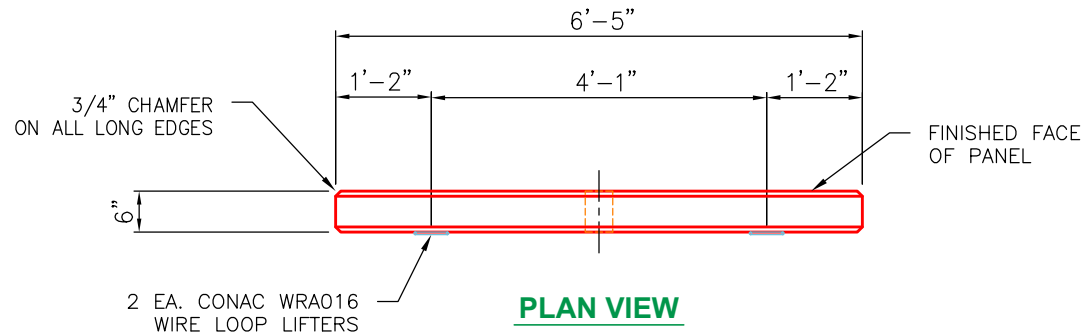
REINFORCING PER ASTM A615 (GRADE 60).
-VERTICAL BARS = #4 BARS AT 12" C/C
-HORIZONTAL BARS = #6 BARS EQUALLY SPACED
(10" MAX.)

[illegible]

Note:
See attached typical drawing
for reinforcing and lifting details.



Weight (Net): 932 lb
Volume (Net): 0.24cu.yd



SIDE VIEW

END VIEW

GENERAL NOTES:

1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 914 LBS
6. 21 REQUIRED.

REVISION INFORMATION				SUBMITTAL DESCRIPTION: WALL PANEL 6.50' LG x 6" THK.	
REV. 	DATE:	NO REVISIONS TO DATE		CUSTOMER: HALL CONTRACTING OF KY INC.	
				PROJECT: MITCHELL HILL ROAD PROJECT	
				STRUCTURE ID.: WALL PANEL 6" THK (78" LG x 24" HT)	
				SALES ORDER NO: 26-1333	
				CHECK: B. SMITH	DRAWN BY: J. HORSLEY
				DATE: 04/20/26	SCALE: NTS PG. 1 of 1

Job Name: 26-1333 - Mitchell Hill Road Project

Job Location: Louisville, KY 40118

Contractor: Hall Contracting of Kentucky Inc

Plant: 100

6/16/2026 1:23:17 PM

Tech: J. Horsley

PC: J. Jarvis



Structure ID: WALL P1-P2

P3 CUSTOM WALL

WALL PANEL 6" THICK F/F

P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG

P2) 77" x 6" - WALL PANEL 6" THICK F/F - 2.00' HT x 6.42' LONG

P1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG

1) Hole - 2

1398 lb

932 lb

1398 lb

0 lb

Structure Total: 3727 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

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

3. SMOOTH FORM FINISH ON THE FRONT SURFACE.

4. 3/4" CHAMFER ON ALL LONG EDGES.

REINFORCING PER ASTM A615 (GRADE 60).

-VERTICAL BARS = #4 BARS AT 12" C/C

-HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)

Rim: 702'

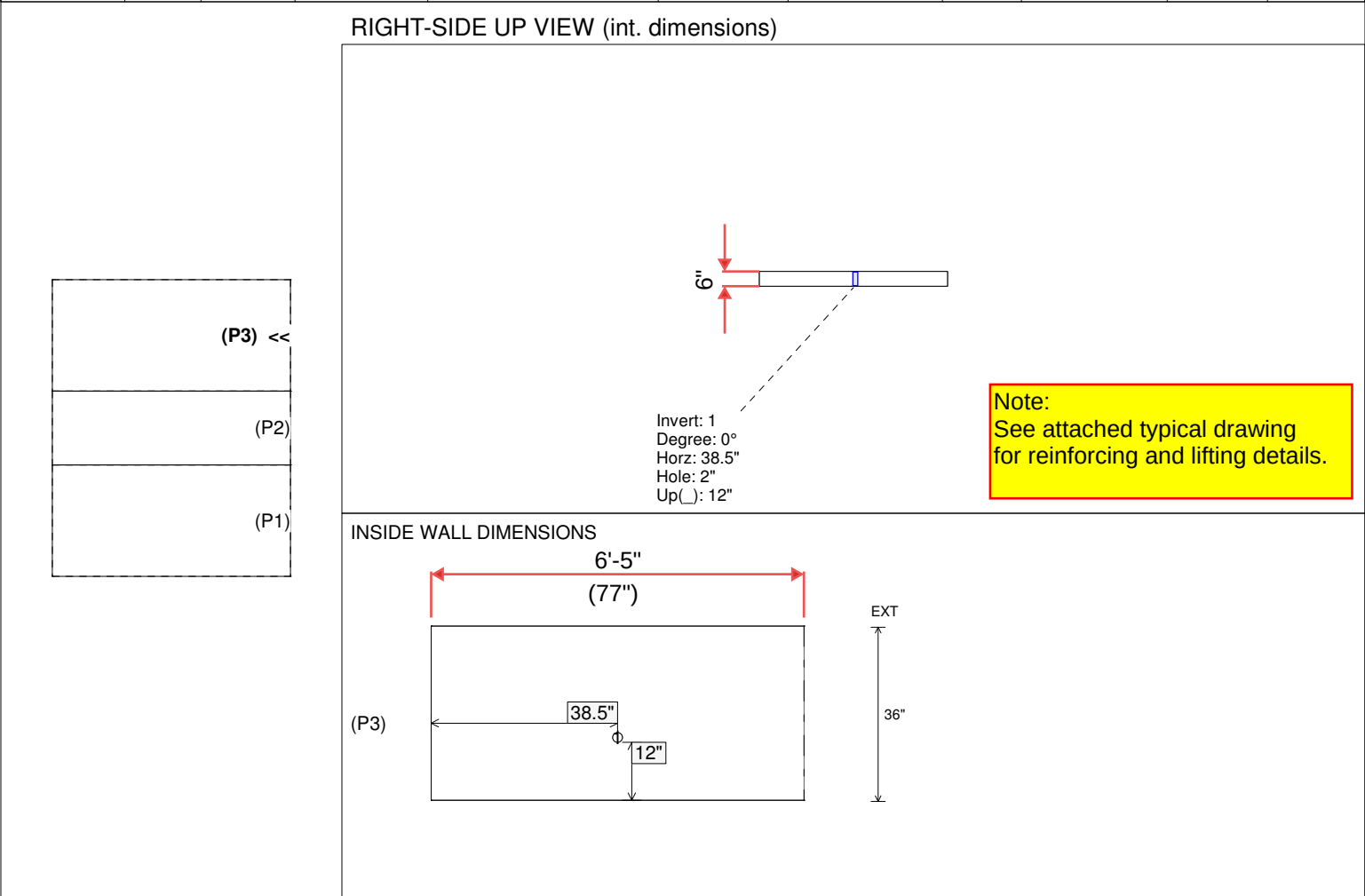
Rim to Invert: 2'

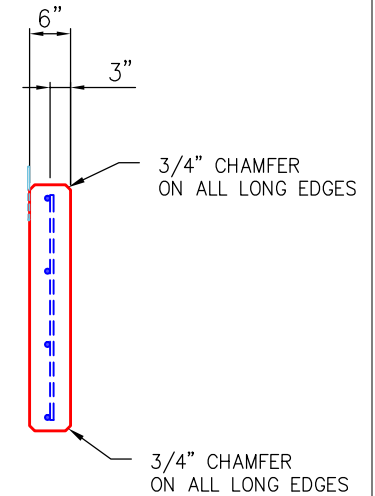
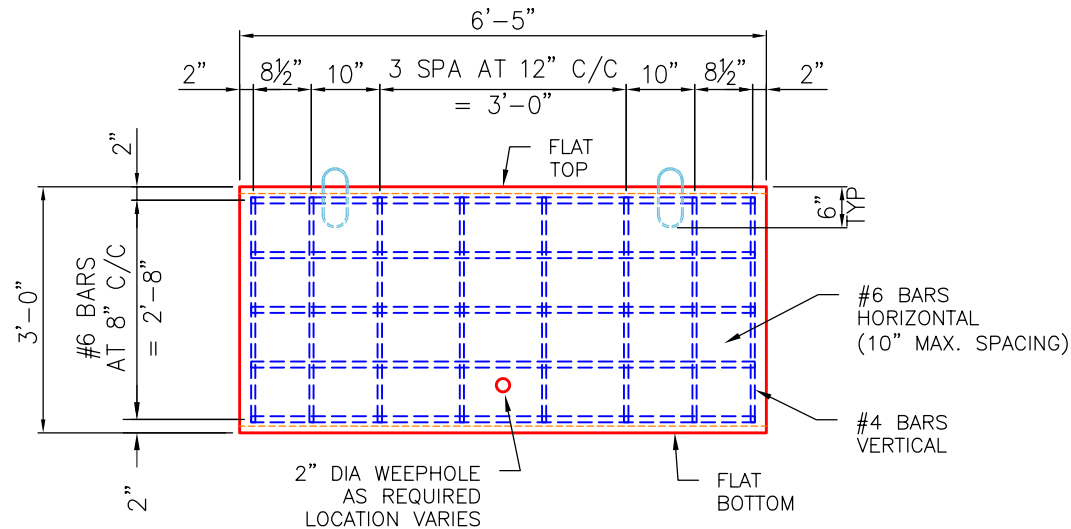
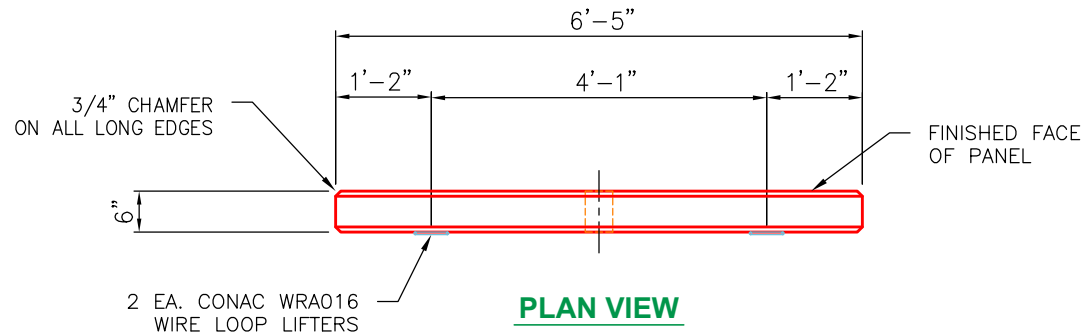
Slack: 0"

Sump: 72"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	700'	0°	38.5"	2" WEEP HOLE	2"	Hole 2	2"	2"	12"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										





GENERAL NOTES:

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

SIDE VIEW

END VIEW

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

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

Plant: Beaver Dam
6/1/2026 8:24:14 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: CB-17

P2 BX048048-10LD08W-SP

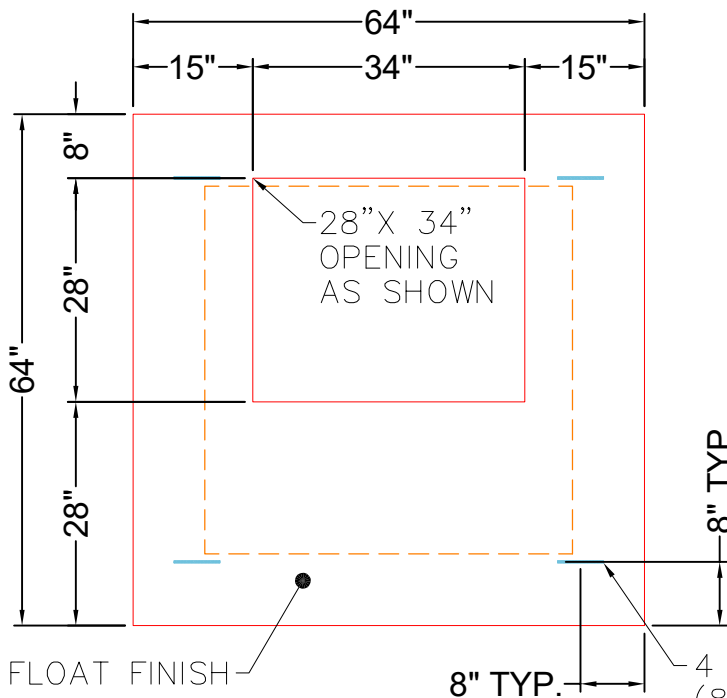
BX FLAT LID 8"W - TDOT 12SB (28"x34" Hole)

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

- 0 lb
2638 lb
6662 lb
250 lb
0 lb
0 lb
0 lb
0 lb

9550 lb
- Structure Notes:
1. PER TDOT D-CB-12SB / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. JBS 3123 MOD SINGLE SET BY ICAST
5. REINFORCING PER ASTM A615 (GRADE 60).
** SEE TDOT STD DRAWING D-CB-12SB **
- TOP SLAB - DBL MAT #5 BARS.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Structure Total:

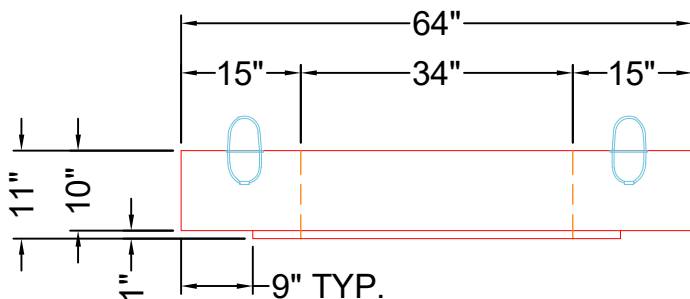


TOP VIEW

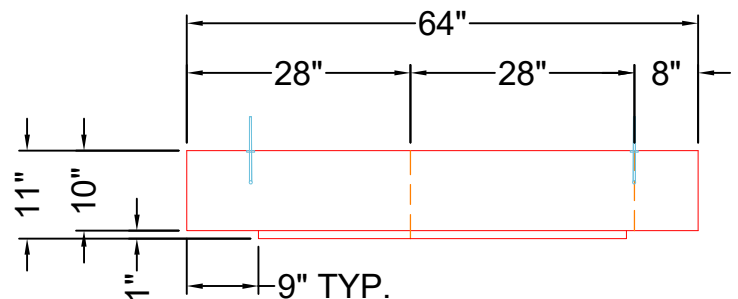
GENERAL NOTES:

1. MANUFACTURED TO TDOT D-CB-12SB
ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: PER TDOT DRAWING D-CB-12SB
(GRADE 60).
4. WEIGHT: 2,683 LBS
5. JOINT SEALANT TO BE CONSEAL CS-102, 1".

4 EA. CONAC WRA016
(8MM) WIRE ANCHORS
REQUIRED MINIMUM.



FRONT VIEW



RIGHT VIEW

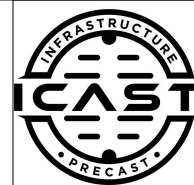
Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 10"

Weight (Net): 2638 lb
Volume (Net): 0.67cu.yd



Weight (Net): 5657 lb
Volume (Net): 1.44cu.yd

Job Name: 25-1401 Irwin Landing Ph. 1
Job Location: Murfreesboro, TN
Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:40:16 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R5

P3 BX048048-10LD08W-SP

BX FLAT LID 8"W - TDOT 10SB (20"x34" Hole) F/F

- P4) 20" x 34" - CASTING HEIGHT - 7"
P3) 48" x 48" - BX FLAT LID 8"W - TDOT 10SB (20"x34" Hole) F/F - 10"
P2) 48" x 48" - BOX RISER 8inW, Variable Ht F/G - 50"
P1) 48" x 48" - BOX BASE 8inW, 8inF T/n - 60"
1) 48" x 48" - STORM INVERT CHANNEL (FLAT) - 4" THK
1) CASTING - JBS 3123 MODIFIED SET
2) 48" x 48" - Conseal CS-102 1.00"
2) Hole - 46
1) Hole - 26

Structure Total:

0 lb
2866 lb
7519 lb
9184 lb
450 lb
250 lb
0 lb
0 lb
0 lb
20269 lb

Structure Notes:

1. PER TDOT D-CB-10SB / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (JBS-3123 MOD SET).

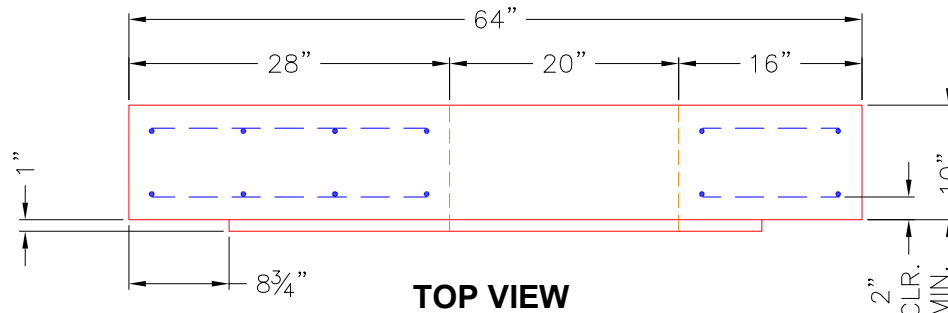
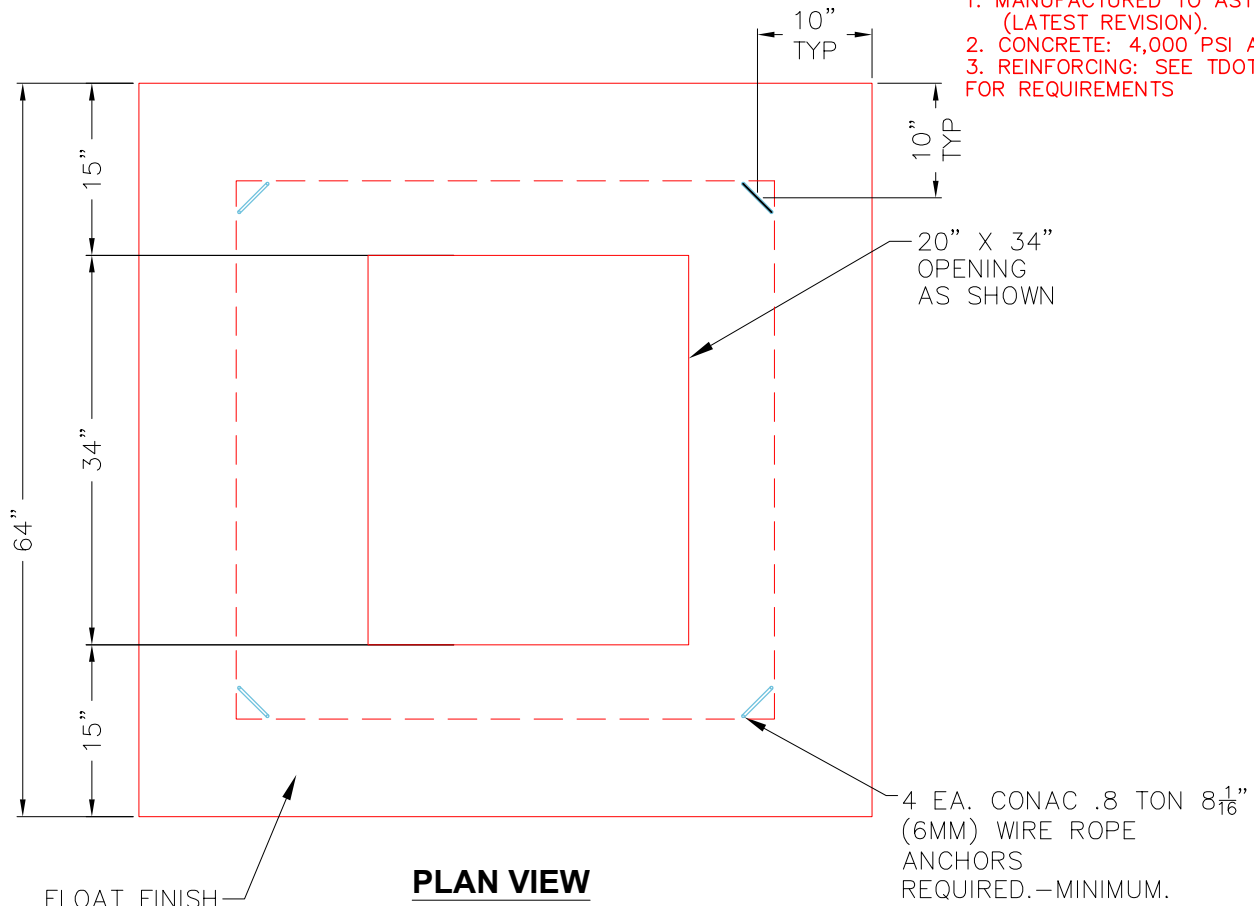
REINFORCING PER ASTM A615 (GRADE 60).

** SEE TDOT STD DRAWING D-CB-10SB **

- TOP SLAB - DBL MAT #5 BARS.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: SEE TDOT D-CB-10SB FOR REQUIREMENTS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 10"

Weight (Net): 2866 lb
Volume (Net): 0.73cu.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 3:12:16 PM

Tech: J. Horsley - A

PC: J. Jarvis



Structure ID: 89

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 - 38"
1) 24" x 30" - Conseal CS-102 1.00"
1) 15" x 27" - Conseal CS-102 1.00"
1) Hole - 20
2) Hole - 4

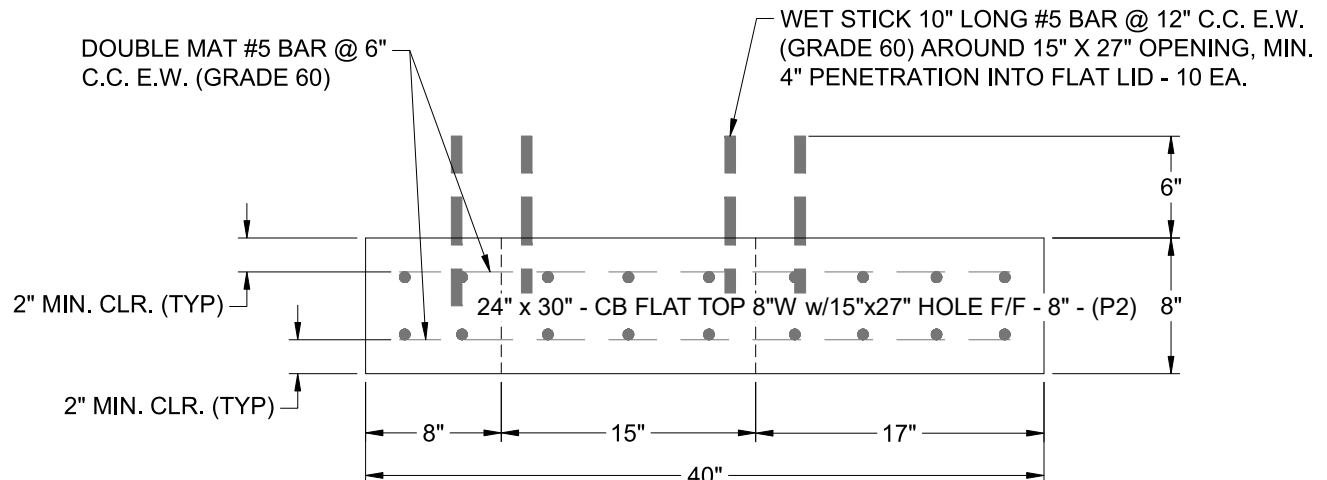
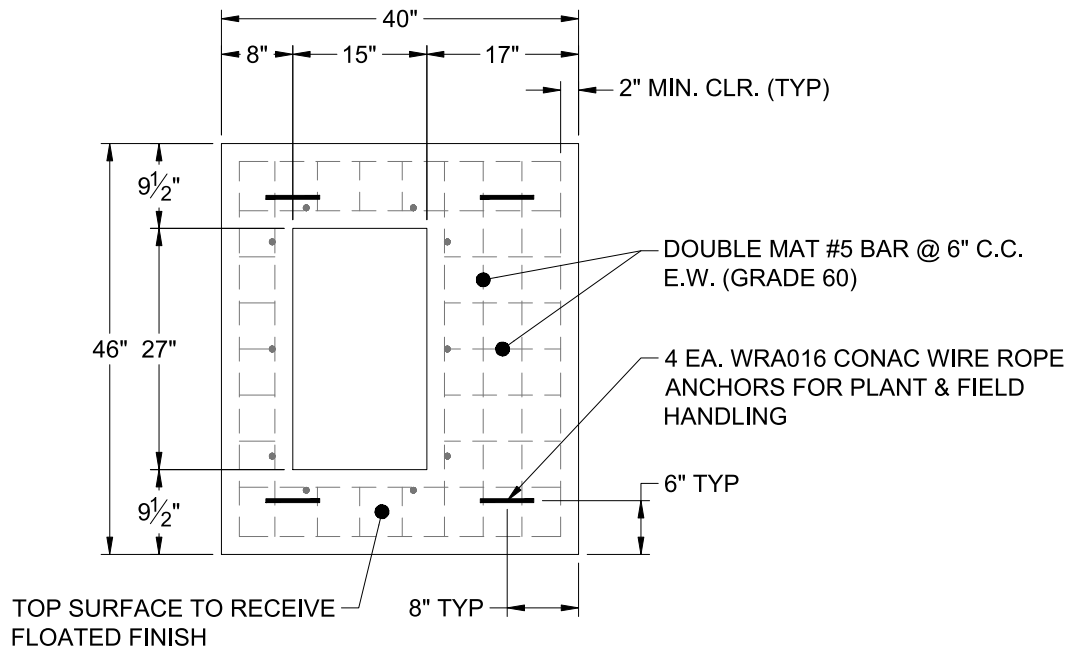
0 lb
963 lb
4579 lb
0 lb
0 lb
0 lb

0 lb
Structure Total: 5542 lb

Structure Notes:

** KYTC STATE PROJECT **

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 OTHERS - POURED IN PLACE BY OTHERS
5. WET STICK #5 BAR @ 12" C.C. (GRADE 60) 6" OUT TOP OF FLAT LID AROUND 15" X 27" OPENING FOR FIELD POUR TIE-IN - 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 Number:

25-2952

Job Name:

KYTC Jefferson Co Call 106
(251315)

Structure:

20

Note:

HOE KY-210 Frame Supplied By
Others To Be Cast Into Flat Lid

Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315)
Job Location: Indiana, KY
Contractor: Louisville Paving and Construction

Plant: 100

6/12/2026 3:12:19 PM

Tech: J. Horsley - A

PC: J. Jarvis



Structure ID: 16

P2 BX036036-08LD08S

CB FLAT TOP 8"W SPEC. (KY-328 CAST IN) F/F

- P3) 36" x 36" - CASTING (cast in) - 3"
P2) 36" x 36" - CB FLAT TOP 8"W SPEC. (KY-328 CAST IN) F/F - 8"
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 43"
1) This Structure Includes a Cast-in Item - HOE KY-328 Frame (Supplied By Others)
2) 36" x 36" - Conseal CS-102 1.00"
2) Hole - 32

Structure Total:

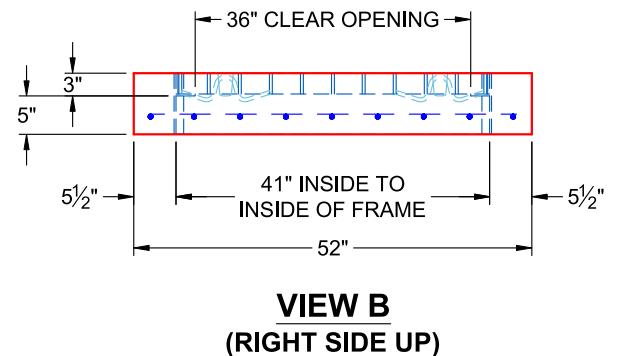
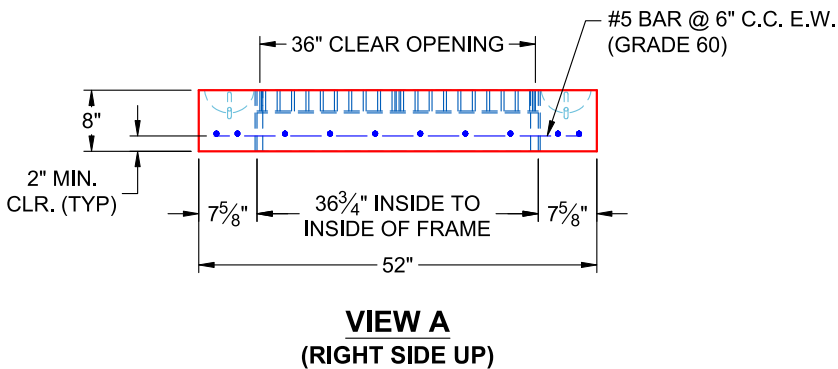
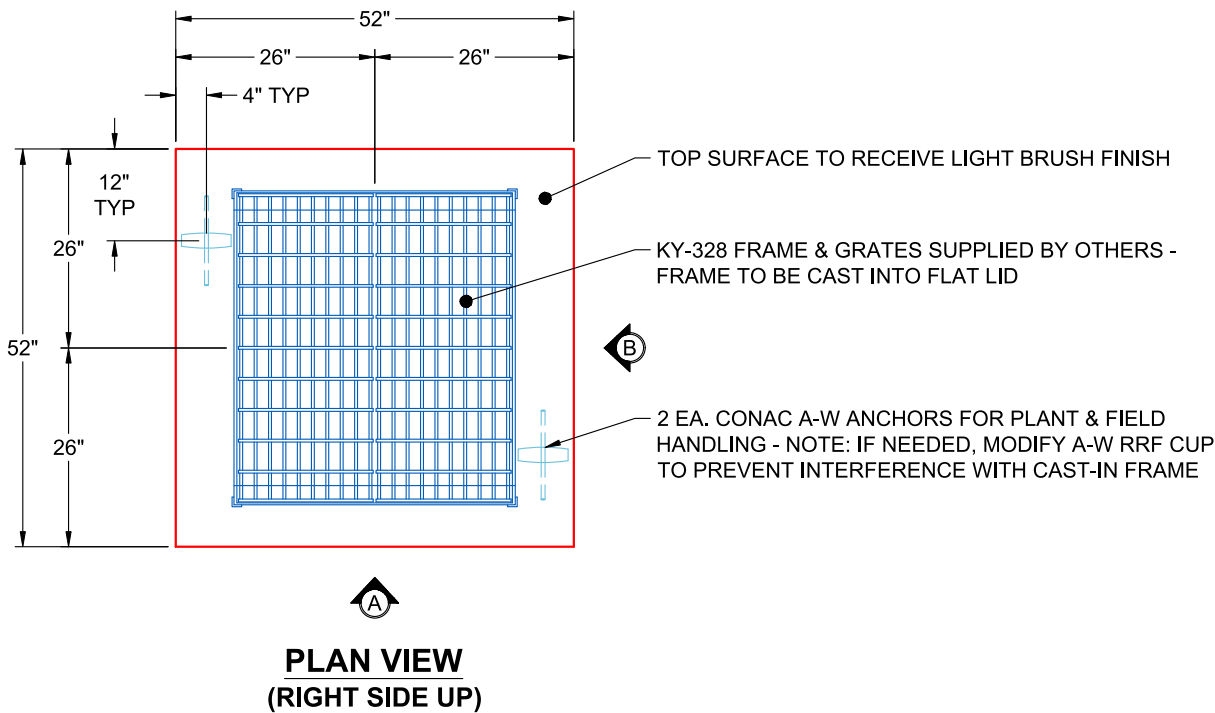
0 lb
996 lb
5816 lb
0 lb
0 lb
0 lb

6812 lb

Structure Notes:

**** KYTC STATE PROJECT ****

1. PER KYTC DBI TYPE 3 / 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-328 FRAME & GRATES SUPPLIED BY OTHERS - FRAME TO BE CAST INTO FLAT LID
5. LIFTERS: 2 EA. CONAC A-W ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN
- IF NEEDED, MODIFY A-W RRF CUP TO PREVENT INTERFERENCE WITH CAST-IN FRAME
6. TOP SURFACE TO RECEIVE LIGHT BRUSH FINISH



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 996 lb
Volume (Net): 0.25cu.yd

Job Number:

25-2952

Job Name:

KYTC Jefferson Co Call 106
(251315)

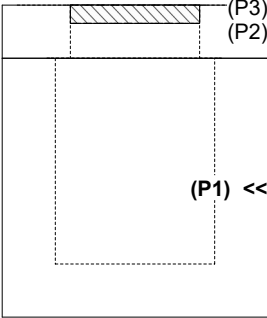
Structure:

16

Note:

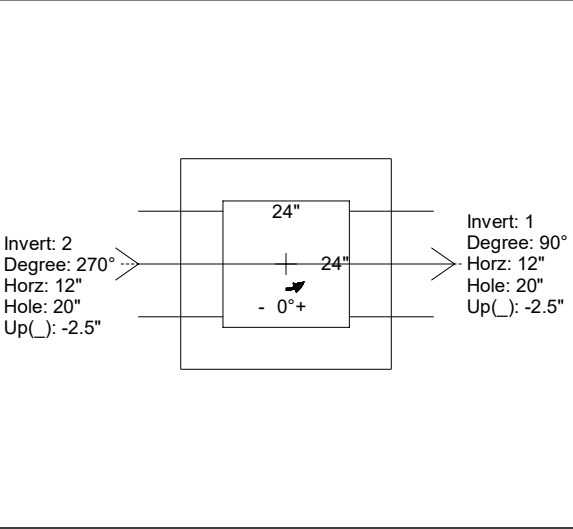
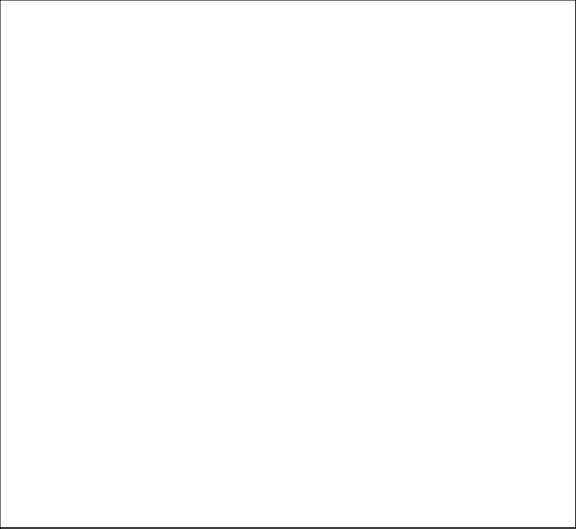
HOE KY-328 Frame Supplied By
Others To Be Cast Into Flat Lid

Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315) Job Location: Indiana, KY Contractor: Louisville Paving and Construction					Plant: 100 6/12/2026 3:09:33 PM		Tech: J. Horsley - A PC: J. Jarvis			
Structure ID: 24										
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 - 31" 1) This Structure Includes a Cast-in Item - HOE KY-210 Frame (Supplied By Others) 1) 24" x 24" - Conseal CS-102 1.00" 2) Hole - 20"					0 lb 943 lb 3316 lb 0 lb 0 lb 0 lb ----- 0 lb Structure Total: 4259 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: 560.8' Rim to Invert: 3.25' Slack: 0" Sump: 0" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	557.55'	90°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2	557.55'	270°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

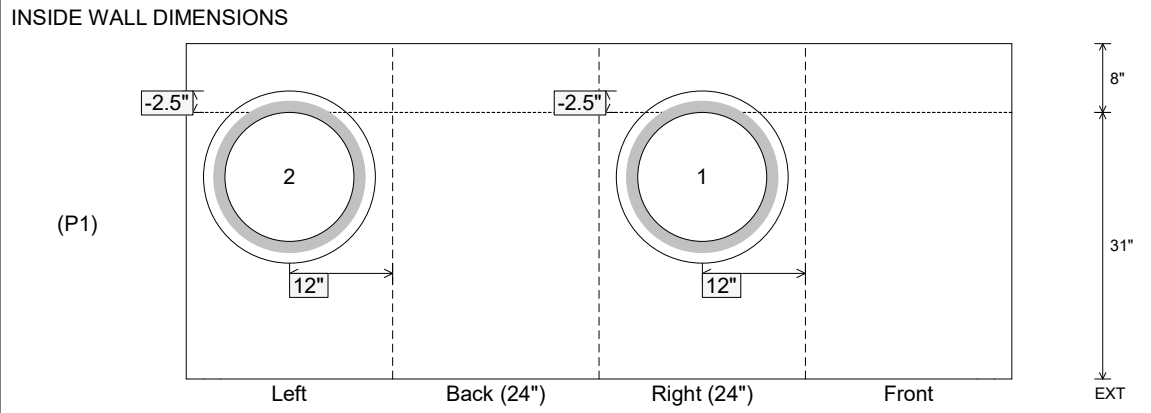


RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 31" Height (Ext): 39"	Weight (Net): 3316 lb Volume (Net): 0.85cu.yd
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