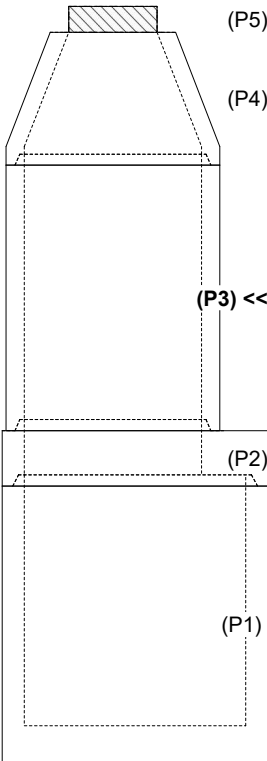


Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting					Plant: 100 3/26/2026 2:14:53 PM		Tech: J. Horsley - A PC: Celina Goff				
Structure ID: 2301550											
P3		MH048RS72		MH RISER T/G							
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 36" P3) 48" - MH RISER T/G - 72" P2) 60" - MH Transition Slab 48" Hole T/G - 15" P1) 60" - MH BASE (10"F) Custom Ht T/n - 65" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1235 14) MH Step ML-10-TDS-NCR - 10"						0 lb 2252 lb 5030 lb 2204 lb 8848 lb 2692 lb 0 lb 0 lb 2 lb 0 lb ----- 21028 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 270 DEGREES 5. 7" CASTING SUPPLIED BY OTHERS			
Rim: 753.64' Rim to Invert: 16.19' Slack: 2.28" Sump: 3" Step Position: 270°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1											
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



(P5)

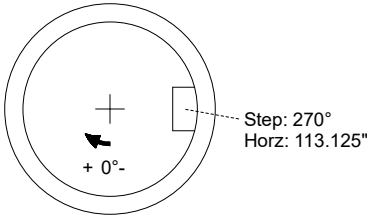
(P4)

(P3) <<

(P2)

(P1)

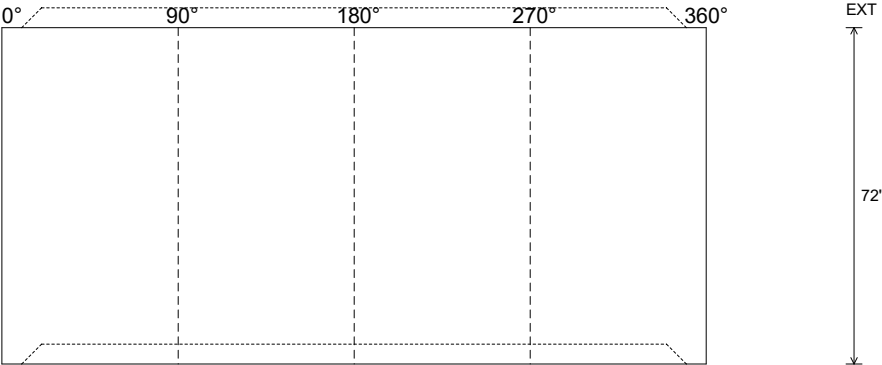
RIGHT-SIDE UP VIEW (int. dimensions)



Step: 270°
Horz: 113.125"

+ 0°-

INSIDE WALL DIMENSIONS



(P3)

EXT

72"

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

Job Name: 24-1164 Paddy's Run Flood PS
Job Location: Louisville, Ky.
Contractor: Core & Main LP (Lou)

Plant: Beaver Dam, Ky.
5/18/2026 8:15:55 AM

Tech: S. Felletter
PC:



Structure ID: Storm MH

P1 MH048LD12S

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

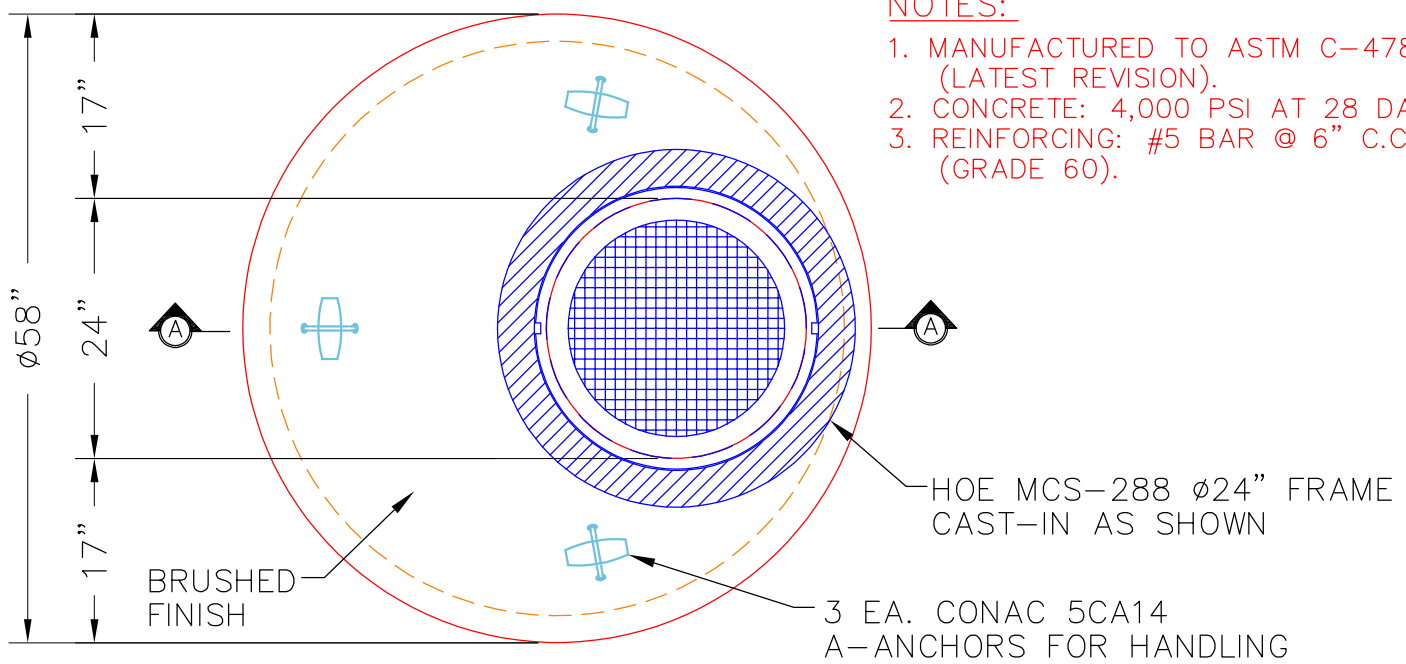
- P1) 48" - MH FLAT TOP SPECIAL (MCS-288) F/G - 12"
1) CASTING - HOE MCS-288 Cover Storm
1) CASTING - HOE MCS-288 Frame
1) This Structure Includes a Cast-in Item

Structure Total:

1593 lb
125 lb
123 lb
0 lb

1841 lb

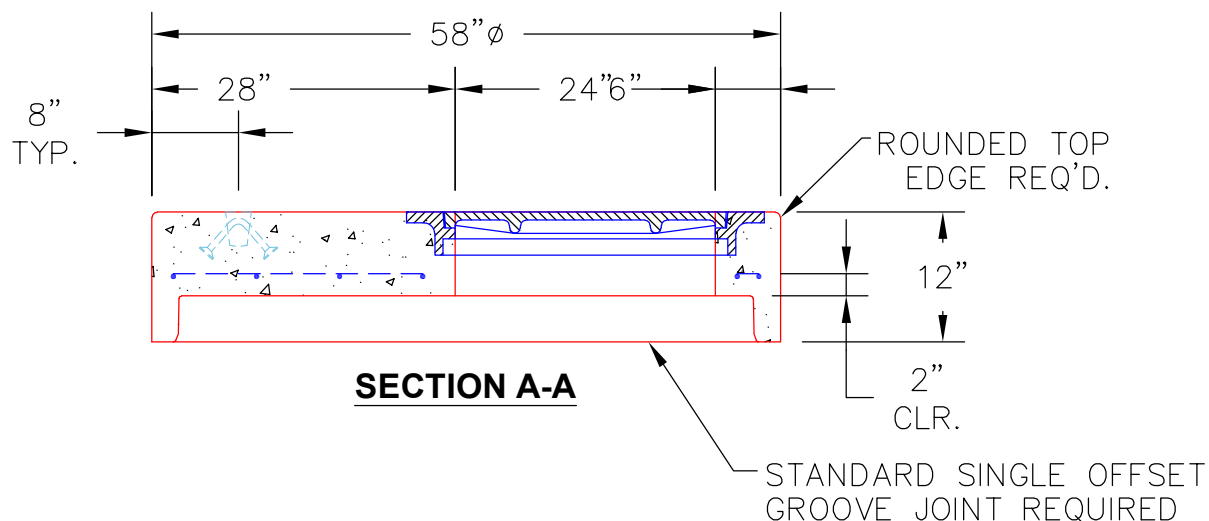
Structure Notes: 1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE MCS-288). CAST-IN.
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.



NOTES:

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

PLAN VIEW



SECTION A-A

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

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

Job Name: 26-1051 - HAMPTON 500
Job Location: Hampton Station, TN
Contractor: TVA

Plant: 100

6/18/2026 11:11:20 AM

Tech: Jared - F

PC: A. Chambers



Structure ID: 4 (8)

P2 MH060LD13CC

MH FLAT TOP w/24" Ctr. Hole F/G

- P4) 24" - CASTING HEIGHT - 1.25"
P3) 24" - GRADE RING F/F - 6"
P2) 60" - MH FLAT TOP w/24" Ctr. Hole F/G - 13"
P1) 60" - MH BASE T/n - 48"
1) CASTING - EJ 6488 O Beehive Grate
1) 60" - Conseal CS-102 1.00"
2) 24" - Conseal CS-102 1.00"
1) Hole - 44
1) Hole - 30
1) Hole - 24
4) MH Step ML-10-TDS-NCR - 10"

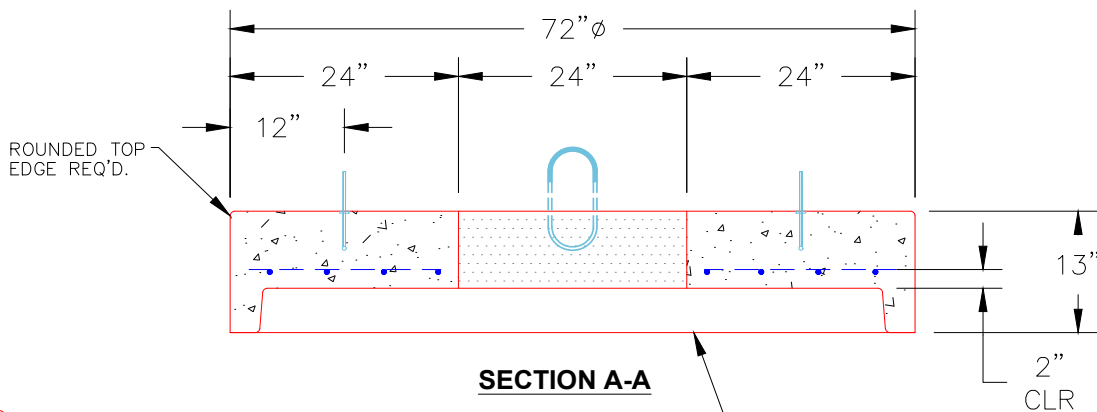
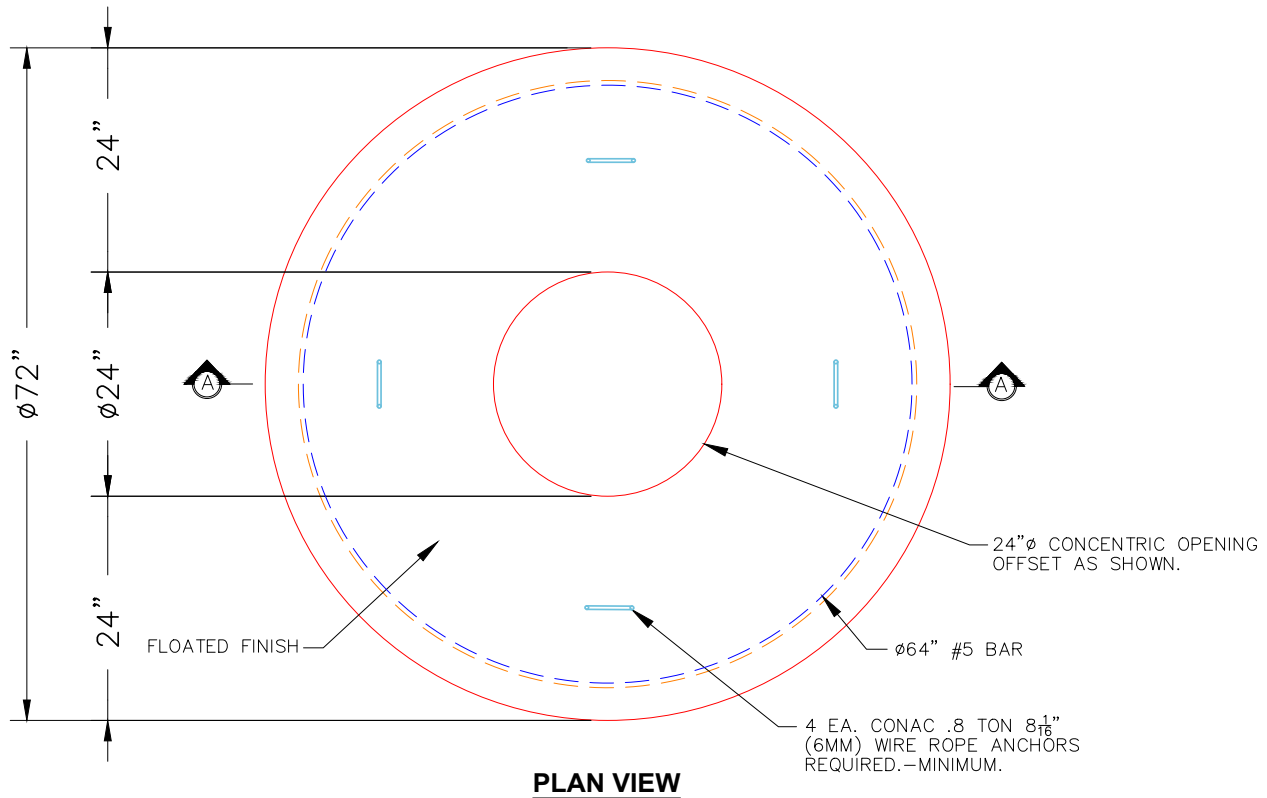
Structure Total: 9628 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (EJ 6488 O BEEHIVE GRATE).

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .18)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.



NOTES:

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

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

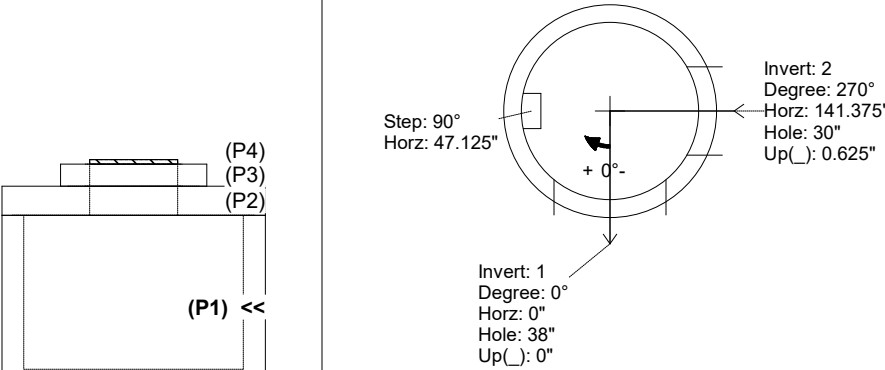
Wall Thickness: 6"

Height (Ext): 13"

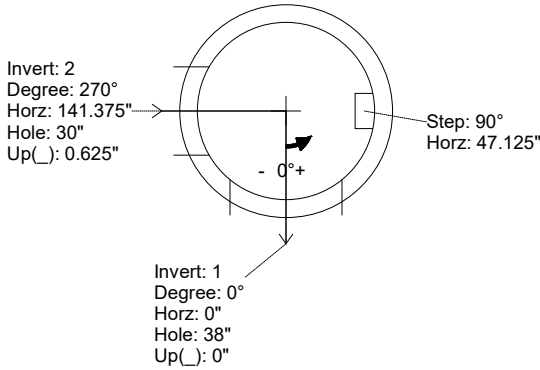
Weight (Net): 2674 lb
Volume (Net): 0.68cu.yd

Job Name: 26-1051 - HAMPTON 500 Job Location: Hampton Station, TN Contractor: TVA					Plant: 100 6/18/2026 11:09:44 AM		Tech: Jared - F PC: A. Chambers					
Structure ID: 7 (11)												
P1 MH060BA42		MH BASE F/n										
P4) 24" - CASTING HEIGHT - 1.25" P3) 24" - GRADE RING F/F - 6" P2) 60" - MH FLAT TOP w/24" Ctr. Hole F/F - 8" P1) 60" - MH BASE F/n - 42" 1) CASTING - EJ 6488 O Beehive Grate 1) 60" - Conseal CS-102 1.00" 2) 24" - Conseal CS-102 1.00" 1) Hole - 38 1) Hole - 30 3) MH Step ML-10-TDS-NCR - 10"						0 lb 405 lb 2429 lb 6138 lb 250 lb 0 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 9222 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO INVERT CHANNEL. 4. CASTING BY ICAST (EJ 6488 O BEEHIVE GRATE). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .18) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.				
Rim: 506.8'		Rim to Invert: 4.6'		Slack: 0.5"		Sump: 2.55"		Step Position: 90°				
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	502.2'	0°	0"	30" HDPE	35.1"	Hole 38	38"	41.151"	0"	0"		
Invert 2	502.2'	270°	169.625"	24" HDPE	27.8"	Hole 30	30"	31.416"	0.625"	0"		
Invert 3												
Invert 4												
Invert 5												
Invert 6												
Invert 7												
Invert 8												

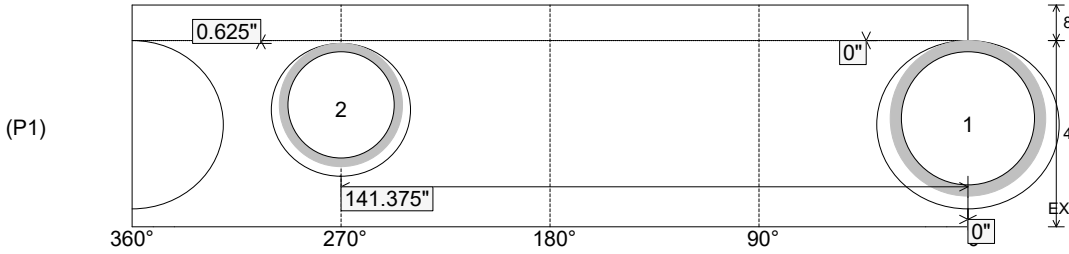
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 42" Height (Ext): 50"	Weight (Net): 6138 lb Volume (Net): 1.57cu.yd
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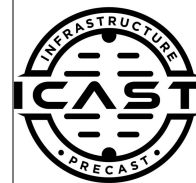
Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
Job Location: Fort Mitchell, KY 41017
Contractor: Lykins Contracting

Plant: 100

3/27/2026 11:40:17 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301551

P2 MH060TS15-48ECC

MH Transition Slab 48" Hole T/G

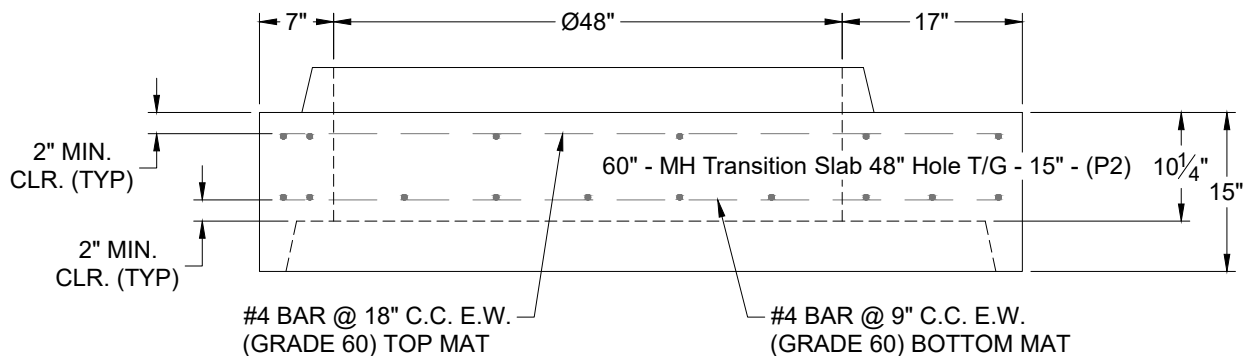
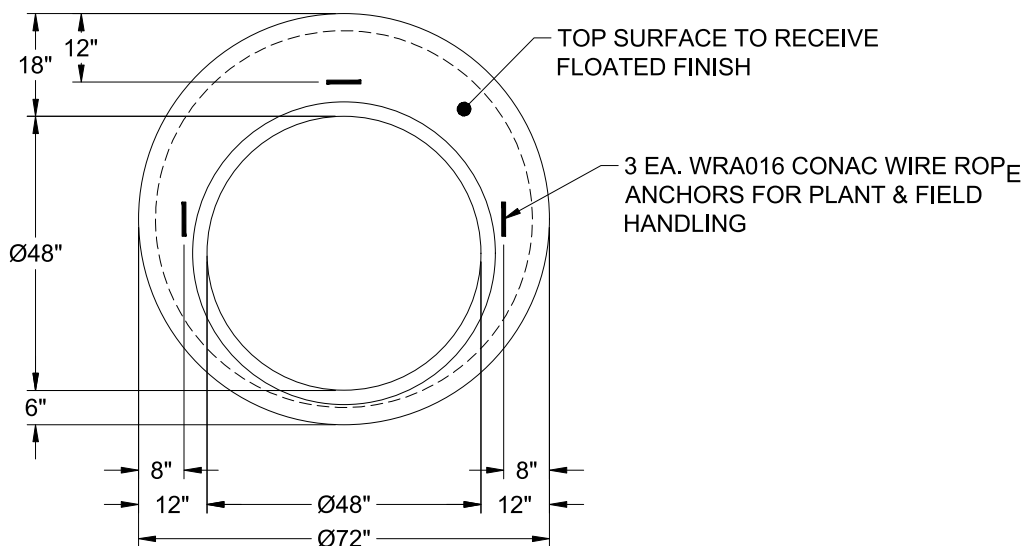
P5) 24" - CASTING HEIGHT - 7"
P4) 48" - CON CONE w/24" HOLE F/G - 24"
P3) 48" - MH RISER T/G - 24"
P2) 60" - MH Transition Slab 48" Hole T/G - 15"
P1) 60" - MH BASE T/n - 72"
1) 60" - MH INVERT CHANNEL - FULL HEIGHT
1) 60" - Conseal CS-102 1.00" (Double)
2) 48" - Conseal CS-102 1.00" (Double)
2) A-Lok - 1235
10) MH Step ML-10-TDS-NCR - 10"

Structure Total:

0 lb
2252 lb
1677 lb
2204 lb
8895 lb
2692 lb
0 lb
0 lb
2 lb
0 lb
17722 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT - 2" MIN. REBAR CLEARANCE (TYP):
 - TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
 - BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60)
4. 7" CASTING SUPPLIED BY OTHERS
5. LIFTERS: 3 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
6. TOP SURFACE TO RECEIVE FLOATED FINISH



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

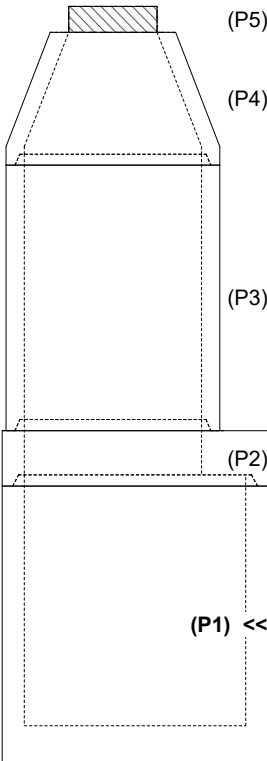
Wall Thickness: 6"

Height (Ext): 15"

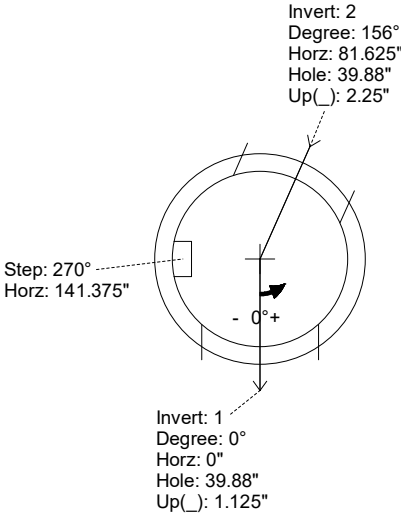
Weight (Net): 2204 lb
Volume (Net): 0.56cu.yd

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting					Plant: 100 3/20/2026 1:21:33 PM		Tech: J. Horsley - A PC: Celina Goff				
Structure ID: 2301550											
P1 MH060BAVF		MH BASE (10"F) Custom Ht T/n									
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 36" P3) 48" - MH RISER T/G - 72" P2) 60" - MH Transition Slab 48" Hole T/G - 15" P1) 60" - MH BASE (10"F) Custom Ht T/n - 65" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1235 14) MH Step ML-10-TDS-NCR - 10"					0 lb 2252 lb 5030 lb 2204 lb 8848 lb 2692 lb 0 lb 0 lb 2 lb 0 lb ----- 21028 lb Structure Total:		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - DOUBLE MAT - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. STEPS AT 270 DEGREES 6. 7" CASTING SUPPLIED BY OTHERS				
Rim: 753.64' Rim to Invert: 16.19' Slack: 2.28" Sump: 3" Step Position: 270°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	737.45'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"	
Invert 2	737.55'	156°	98"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

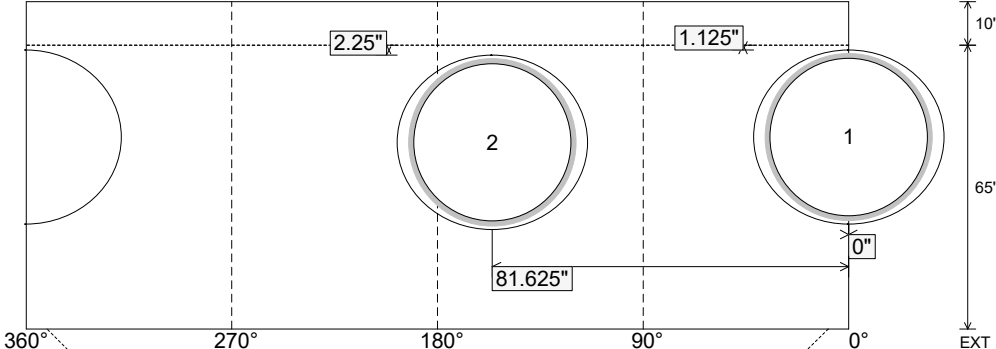
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 10"	Height (Int): 65" Height (Ext): 75"	Weight (Net): 8848 lb Volume (Net): 2.26cu.yd
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Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting					Plant: 100		Tech: J. Horsley - A			
					3/20/2026 1:21:33 PM		PC: Celina Goff			
Structure ID: 2301550										
P1 MH060BAVF			MH BASE (10"F) Custom Ht T/n							
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 36" P3) 48" - MH RISER T/G - 72" P2) 60" - MH Transition Slab 48" Hole T/G - 15" P1) 60" - MH BASE (10"F) Custom Ht T/n - 65" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1235 14) MH Step ML-10-TDS-NCR - 10"					0 lb 2252 lb 5030 lb 2204 lb 8848 lb 2692 lb 0 lb 0 lb 2 lb 0 lb ----- Structure Total: 21028 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: - WALLS: PER ASTM A615 - DOUBLE MAT - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. STEPS AT 270 DEGREES 6. 7" CASTING SUPPLIED BY OTHERS			
Rim: 753.64' Rim to Invert: 16.19' Slack: 2.28" Sump: 3" Step Position: 270°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	737.45'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"
Invert 2	737.55'	156°	98"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 10"	Height (Int): 65" Height (Ext): 75"	Weight (Net): 8848 lb Volume (Net): 2.26cu.yd
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Job Name: 26-1038 - Perryville & Junction City WW Improvements

Job Location: Danville, KY

Contractor: Connhurst, LLC

Plant: 100

5/6/2026 4:06:52 PM

Tech: Jared - A

PC: E. Bradley



Structure ID: 61038 (4)

P2 MH096RS54

MH RISER T/G

P6) 42" x 55" - HATCH (CAST FLUSH) - 3"

P5) 96" - MH FLAT TOP w/42"x55" Hatch F/G - 17"

P4) 96" - MH RISER Custom Ht T/G - 67"

P3) 96" - MH RISER T/G - 72"

P2) 96" - MH RISER T/G - 54"

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

1) This Structure Includes a Cast-in Item - 42" x 55" Hatch (Supplied by Others)

4) JOINT WRAP - 12" WD x 096" MAC WRAP

4) 96" - Conseal CS-231 1.00" (Double)

3) PSX - 8QRS-S NYLO

1) PSX - 12-08 NYLO

0 lb

8820 lb

16574 lb

17851 lb

13452 lb

19580 lb

0 lb

0 lb

0 lb

20 lb

8 lb

Structure Total: 76305 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,500 PSI AT 28 DAYS

3. REINFORCEMENT: PER ASTM A615

4. NO STEPS

5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AT 0°, 90°, 180°, & 270°, 16" FROM TOP OF WALLS

Rim: 963.5'

Rim to Invert: 10.85'

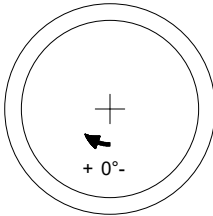
Slack: 0"

Sump: 74.8"

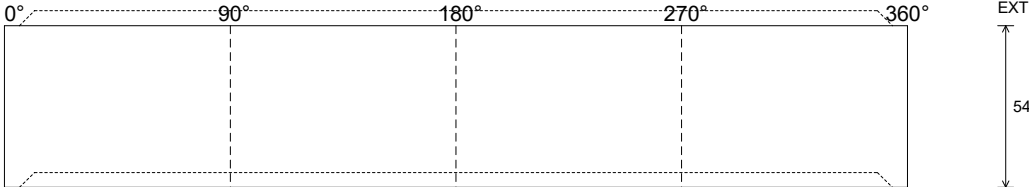
Step Position:

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: 9"

Floor Height: 0"

Height (Int): 54"

Height (Ext): 54"

Weight (Net): 13452 lb

Volume (Net): 3.44cu.yd

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

Plant: 100

5/28/2026 7:51:18 AM

Tech: J. Horsley

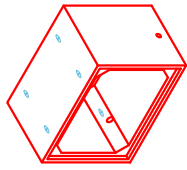
PC: C. Goff



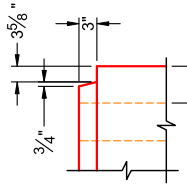
Structure ID: St. 43+62 (PC 11)

P1 BC096072-08WLF-9HC

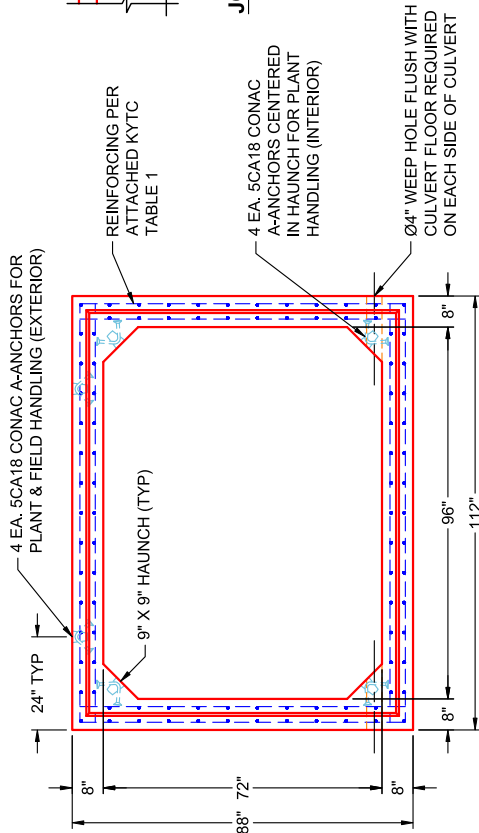
BOX CULVERT (08W/08F/08T) G/T



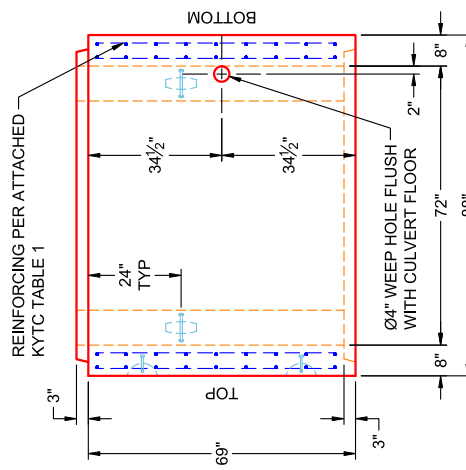
COMPONENT
ISOMETRIC
VIEW



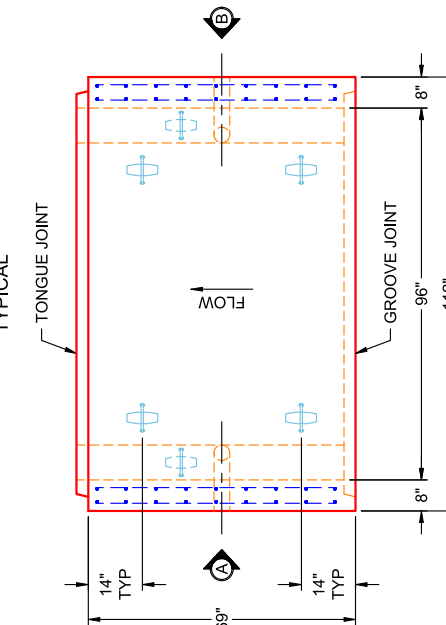
JOINT DETAIL
(TYP)
NTS



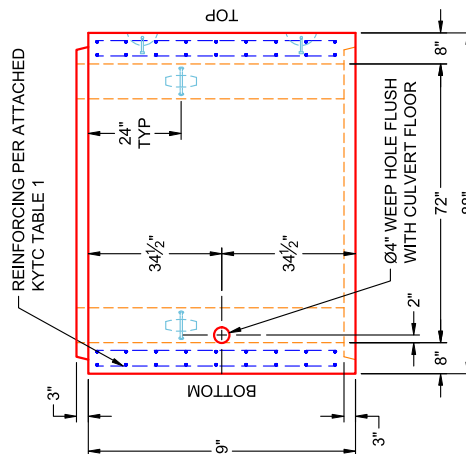
END VIEW
TYPICAL



VIEW B
PC 11
(UPRIGHT IN MOLD)



PLAN VIEW
PC 11
(UPRIGHT IN MOLD)



VIEW A
PC 11
(UPRIGHT IN MOLD)

GENERAL NOTES:

- PER SECTION 605 OF KYTC STANDARD SPECS FOR ROAD & BRIDGE CONSTRUCTION
- KYTC STAMP REQUIRED
- WEEP HOLES REQUIRED
- LOAD REQUIREMENTS: KY-HL93 (KY TABLE 1)
- REINFORCEMENT PER ATTACHED KYTC TABLE 1
- COVER DEPTH: 10"
- CONCRETE: 5,000 PSI AT 28 DAYS
- JOINT SEALANT: 1" BUTYL MASTIC (CS-102)
EXTERIOR JOINT WRAP: 12" WIDE (CS-212)
- WEIGHT: 8' X 6' RCBC = 3,138 LBS / LF
(5'-9" LONG SECTION = 18,044 LBS)

PRODUCTION WORK ORDER

QUALITY CONTROL CHECKLIST

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



PRODUCT I.D.: BC096072-08WLF-9H

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY

WEIGHT: 18,044 LBS

TOP SECTION JOINT: TONGUE

BASE SECTION JOINT: GROOVE

QC CHECK INITIALS:

DESCRIPTION: 96" X 72" X 69" BOX CULVERT (8" WALLS & 9" HAUNCH)

CUSTOMER: JIM SMITH CONTRACTING

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

STRUCTURE: ST. 43+62 (PC 11)

ORDER NO: 24-1643B

PE: J.H. ROSS

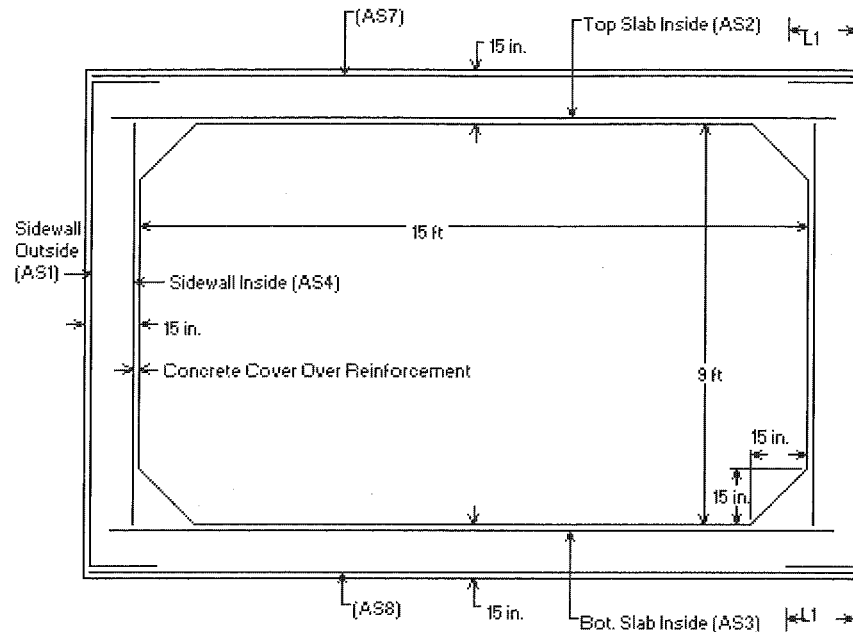
DRAWING: K. CARDWELL

DATE: 05/28/26

SCALE: NTS

PG. 1 OF 1

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

Notes:

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

KY Table 1

Precast Culvert KYHL-93 Design Table

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
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: 26-1193 Williamsburg Village Storm
Job Location: Danville, KY
Contractor: May Excavation & Contracting, LLC

Plant: 100
6/19/2026 9:02:58 AM

Tech: Jared - A
PC: Thomas Ryan



Structure ID: JB2-4 JBB

P2 BX2424-08R24

BOX RISER 8inW

P4) 24" - CASTING HEIGHT - 4"
P3) 24" x 24" - BX FLAT LID 8inW w/CC 24" HOLE - 8"
P2) 24" x 24" - BOX RISER 8inW - 24"
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht - 39"
1) CASTING - HOE KY-206 F/C (KY TY1)
2) 24" x 24" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
3) Hole - 20

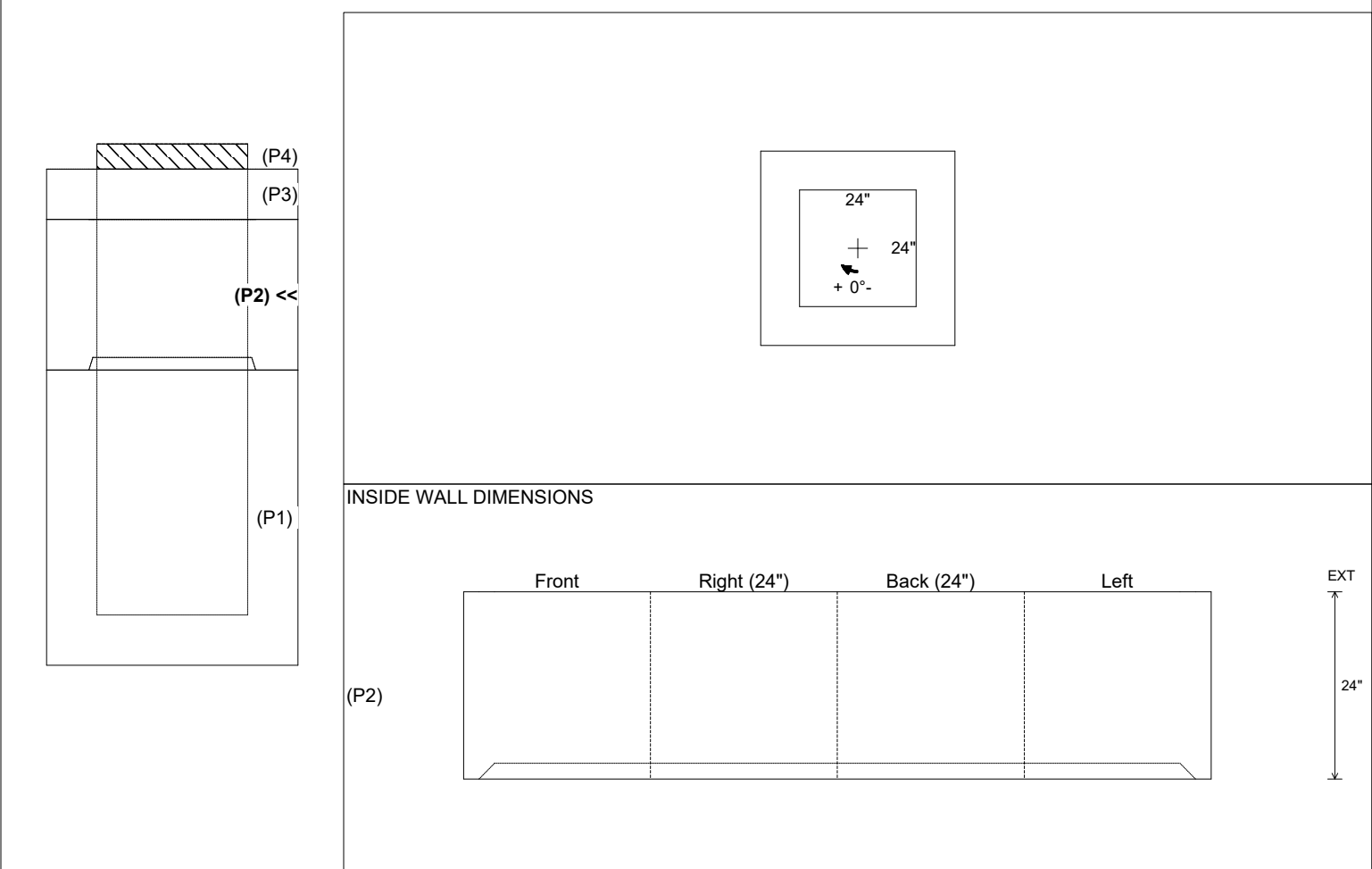
Structure Total: 6809 lb

Structure Notes: .
1. HOE KY-206 F/C (KY TY1) PROVIDED BY ICAST.
2. KYTC JUNCTION BOX B1 / PER ASTM C913 SPEC'S.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. TOP SLAB w KYTC TYPE 1 F/C CAST FLUSH.
5. REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As. 62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12: C.C.E.W.

Rim: 906.25' Rim to Invert: 6.25' Slack: 0" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)

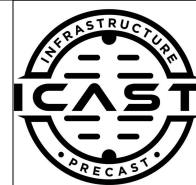


Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 8" Floor Height: 0"	Height (Int): 24" Height (Ext): 24"	Weight (Net): 2062 lb Volume (Net): 0.53cu.yd
----------------------------------	----------------------------------	--	--	--

Job Name: 26-1193 Williamsburg Village Storm
Job Location: Danville, KY
Contractor: May Excavation & Contracting, LLC

Plant: 100
6/19/2026 9:02:21 AM

Tech: Jared - A
PC: Thomas Ryan



Structure ID: JB2-4 JBB

P1 BX2424-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

- P4) 24" - CASTING HEIGHT - 4"
P3) 24" x 24" - BX FLAT LID 8inW w/CC 24" HOLE - 8"
P2) 24" x 24" - BOX RISER 8inW - 24"
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht - 39"
1) CASTING - HOE KY-206 F/C (KY TY1)
2) 24" x 24" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
3) Hole - 20"

Structure Total:

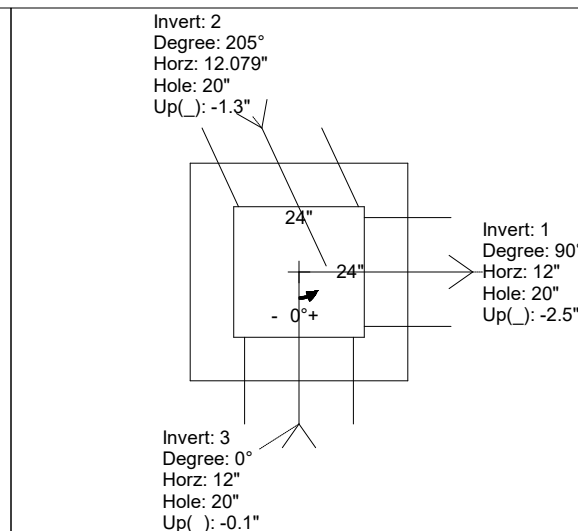
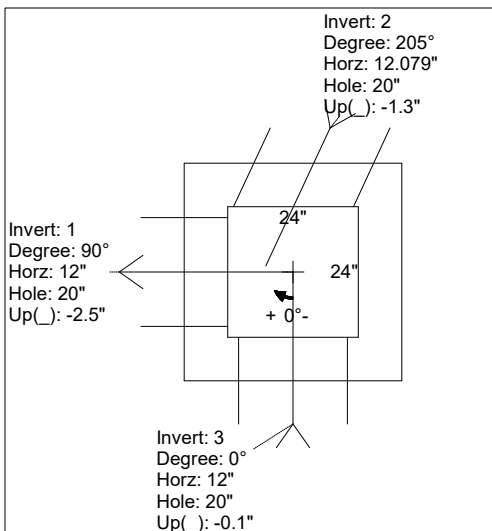
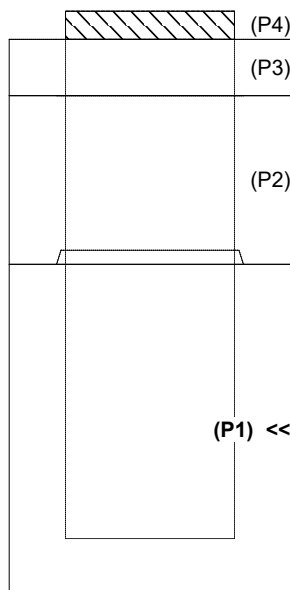
- 0 lb
770 lb
2062 lb
3771 lb
206 lb
0 lb
0 lb
0 lb
6809 lb
- Structure Notes:**
1. HOE KY-206 F/C (KY TY1) PROVIDED BY ICAST.
2. KYTC JUNCTION BOX B1 / PER ASTM C913 SPEC'S.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. TOP SLAB w KYTC TYPE 1 F/C CAST FLUSH.
5. REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 906.25' Rim to Invert: 6.25' Slack: 0" Sump: 0" Step Position:

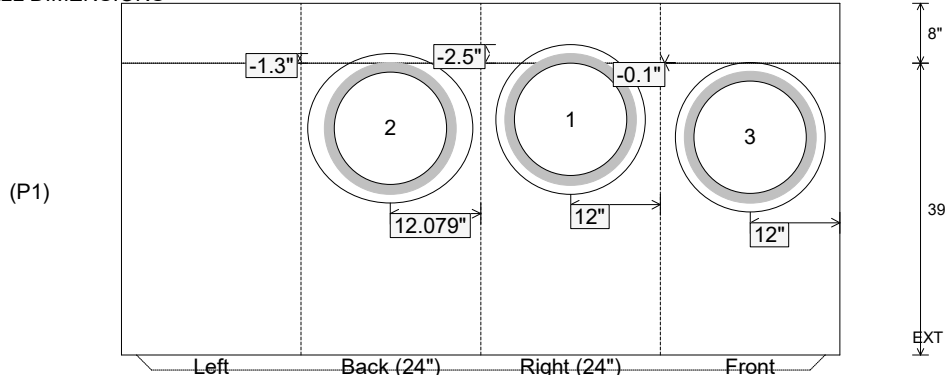
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	900'	90°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2	900.1'	205°	23.809"	15" HDPE	17.6"	Hole 20	20"	22.068"	-1.3"	-5"
Invert 3	900.2'	0°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-0.1"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



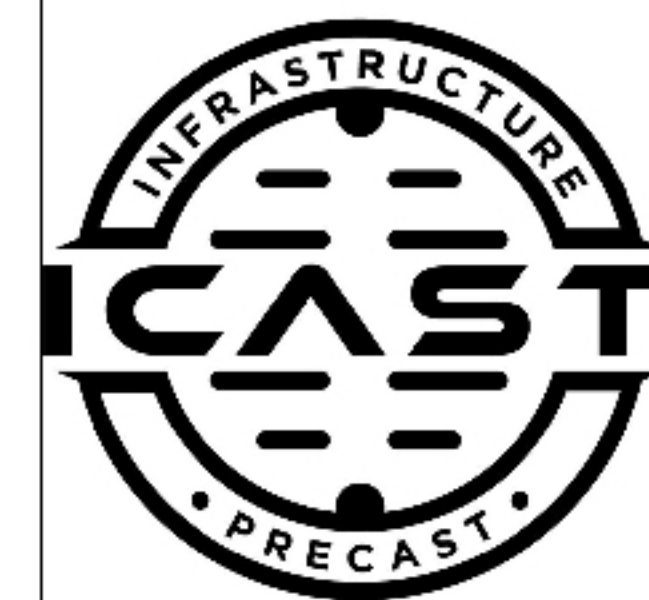
Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 39"
Height (Ext): 47"

Weight (Net): 3771 lb
Volume (Net): 0.96cu.yd



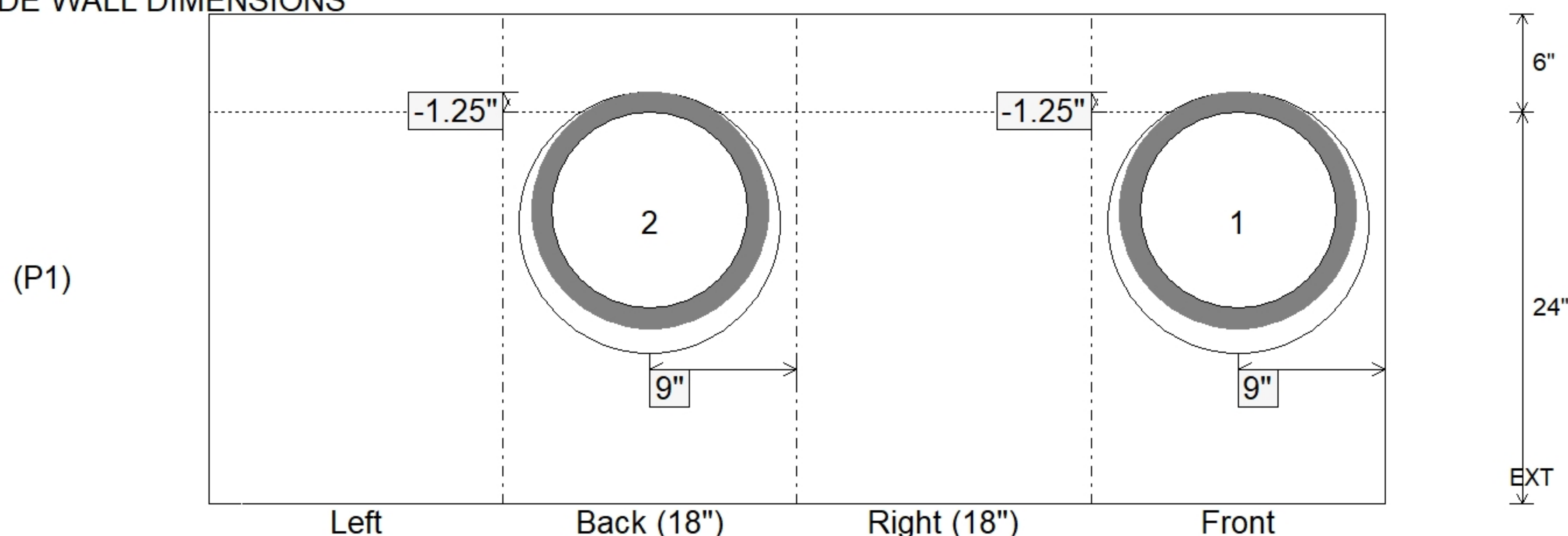
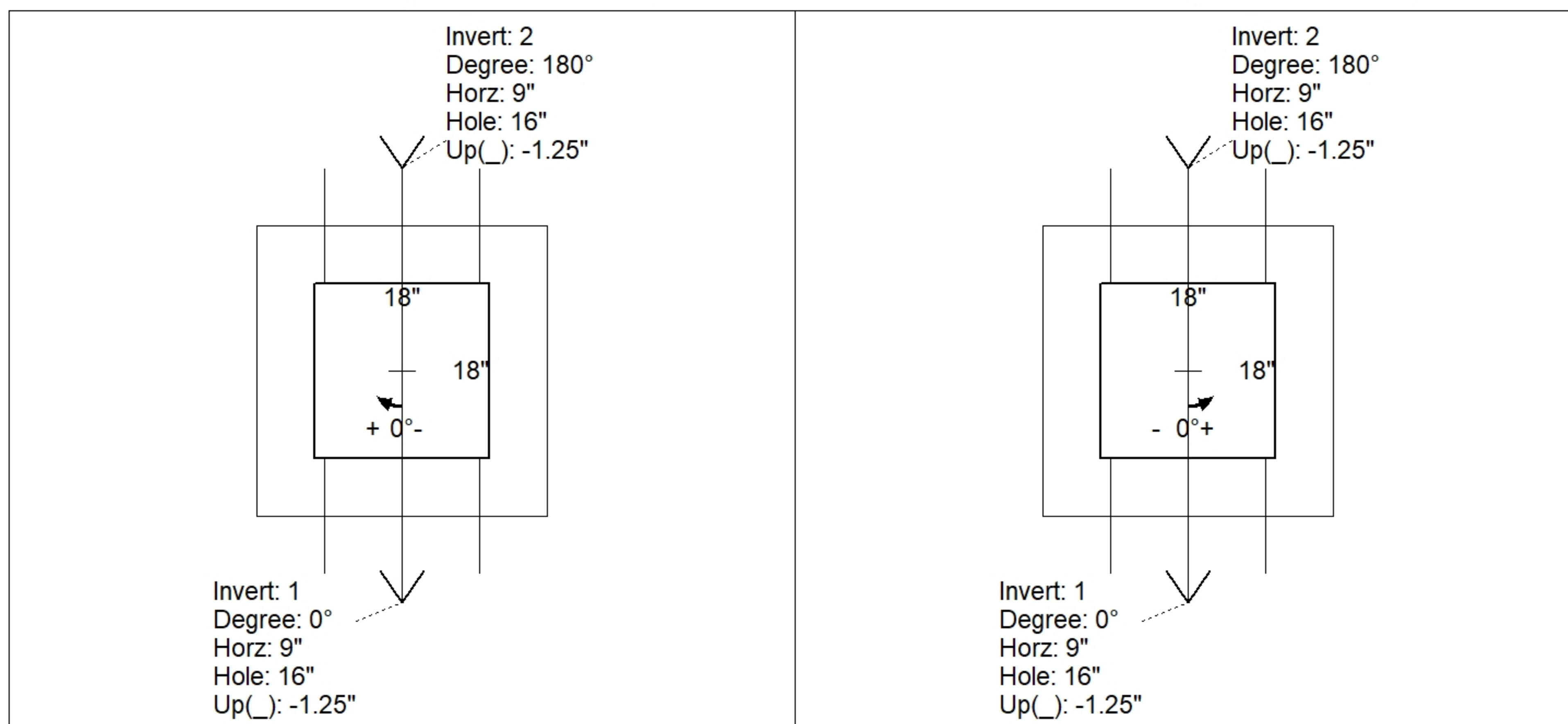
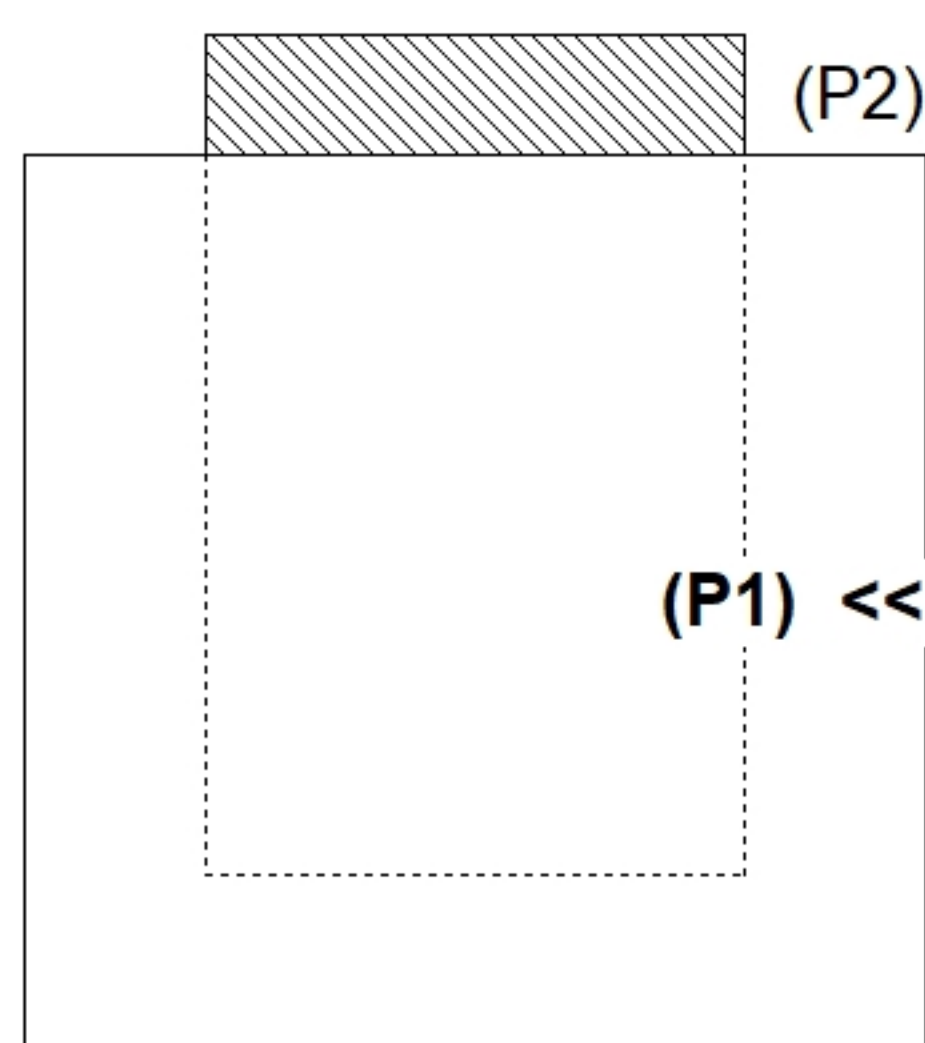
BOX BASE 6inW, 6inF F/n

Structure Notes: .

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 165-A F/G).

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (A_s .62) #5 BARS AT 6" C.C.E.W.
- WALLS (A_s .12) #5 BARS AT 12" C.C.E.W.
- FLOOR (A_s .12) #5 BARS AT 12" C.C.E.W.

[illegible]

Weight (Net): 1411 lb
Volume (Net): 0.36cu.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 3:11:08 PM	Tech: J. Horsley - A PC: J. Jarvis	
Structure ID: 73			
P2 BX2430-08R30		BOX RISER 8inW F/G	

- P4) 15" x 27" - P.I.P. - BY OTHERS - 8"
P3) 24" x 30" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8"
P2) 24" x 30" - BOX RISER 8inW F/G - 30"
P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht T/n - 38"
2) 24" x 30" - Conseal CS-102 1.00"
1) 15" x 27" - Conseal CS-102 1.00"
1) Hole - 18
2) Hole - 4

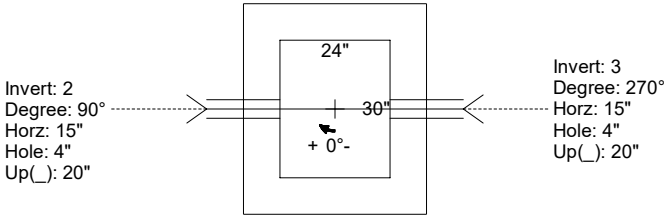
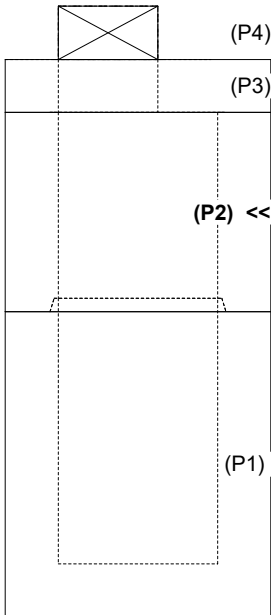
0 lb
963 lb
2803 lb
4636 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 8402 lb

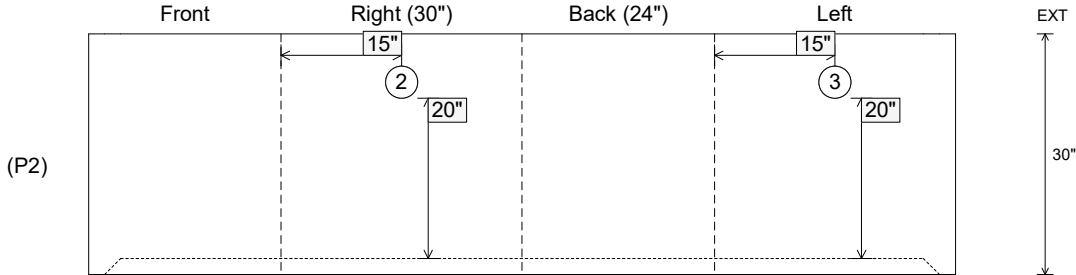
- Structure Notes:
** KYTC STATE PROJECT **
1. PER KYTC DBI TYPE 13G / ASTM C-913 SPECS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. HOE KY-230G FRAME & GRATE SUPPLIED BY OTHERS - POURED IN PLACE BY OTHERS

Rim: 551.7'		Rim to Invert: 7'	Slack: 0"	Sump: 0"	Step Position:					
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2	549.7'	90°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	20"	0"
Invert 3	549.7'	270°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	20"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

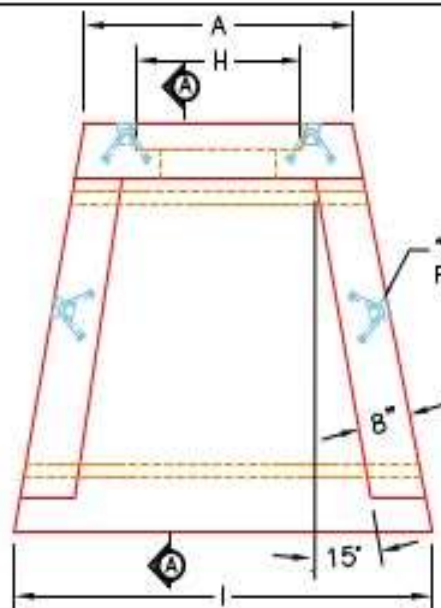


Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 8" Floor Height: 0"	Height (Int): 30" Height (Ext): 30"	Weight (Net): 2803 lb Volume (Net): 0.72cu.yd
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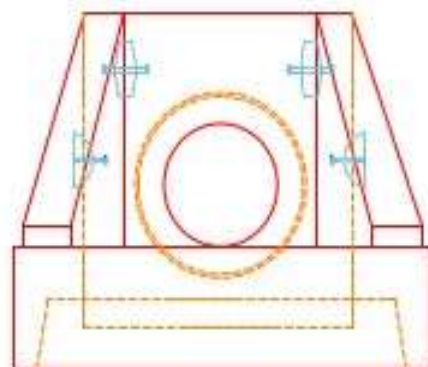
Structure ID: LTHW-2-3 HW

P1 HWSF18

18" - SLOPED & FLARED HEADWALL F/F

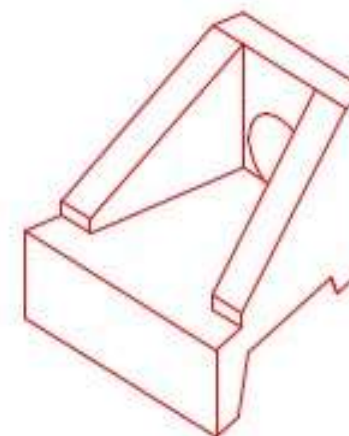


PLAN VIEW

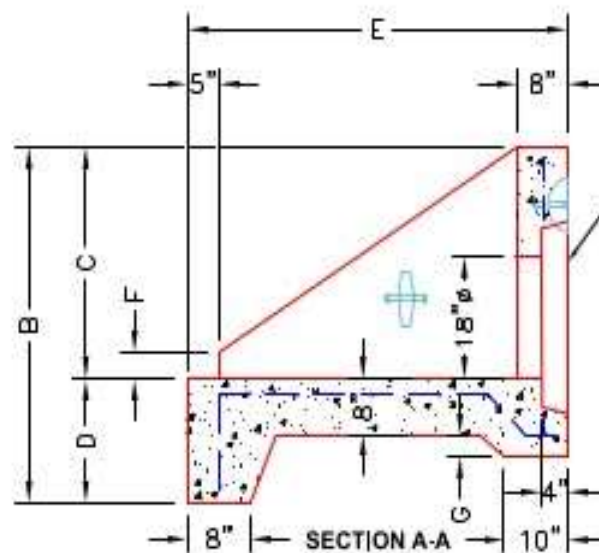


FRONT ELEVATION

DIMENSIONS										
PIPE Ø	A	B	C	D	E	F	G	H	I	WEIGHT
18"	3'-0"	3'-9"	2'-3"	1'-6"	4'-6"	4"	2 1/2"	2'-2"	3'-2"	3,640 LBS.



ISOMETRIC VIEW
18" HEADWALL



SECTION A-A

18" TO 22" STEPPED HOLE
FORMER FOR 18" CMP.
18" TO BE FLUSH WITH
FLOOR

~NOTES:

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

PRODUCTION WORK ORDER

PRODUCT I.D.: HWSF18

DESCRIPTION: KYTC 18" SLOPED & FLARED HEADWALL

QUALITY CONTROL CHECKLIST

PRODUCT VIEW: RIGHT SIDE UP

CUSTOMER: Scott & Ritter

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED.
- ☐ STEPPED HF CORRECT SIZE.
- ☐ REINFORCING CORRECT.
- ☐ DISSIPATOR BLOCK INSTALLED.
- ☐ EDGES CHAMFERED.
- ☐ ALL PATCHWORK ACCEPTABLE.

PLANT: BEAVER DAM, KY.

PROJECT: Lake Tandy Spillway Repair

WEIGHT: 3,640 LBS.

STRUCTURE ID.: LTHW-1-2 HW

TOP SECTION JOINT: N/A

QUOTE/SALES ORDER NO: 26-1447

BASE SECTION JOINT: N/A

CHECK: J.H. ROSS, PE

DRAWING: N. RICHARDS

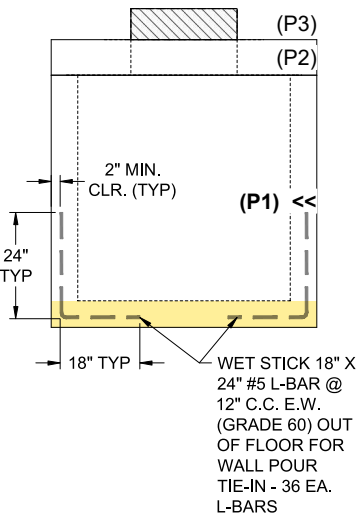
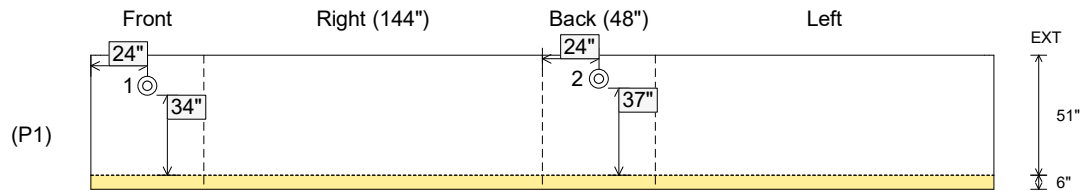
QC CHECK INITIALS:

DATE: REV. 4/22/24

SCALE: NTS

PG. 1 of 1



Job Name: 26-2432 - Madisonville Grease Trap Job Location: Madisonville, KY Contractor: Gaston Engineering					Plant: 100 6/19/2026 4:04:38 PM		Tech: J. Horsley PC: E. Bradley				
Structure ID: QL1											
P1 BX48144-06BAVF BOX BASE 6inW, 6inF, Variable Ht F/n											
P3) 24" - CASTING HEIGHT - 7" P2) 48" x 144" - BX FLAT TOP 6"W w/(2) 24" HOLES (Grease Trap) F/F - 8" P1) 48" x 144" - BOX BASE 6inW, 6inF, Variable Ht F/n - 51" 2) CASTING - HOE MC-315 F/C Grease 1) 48" x 49" - BAFFLE WALL (GT-1000 GAL.) - 4" 1) SECONDARY POUR - Base Walls 1) 48" x 144" - Conseal CS-102 1.00" 1) 24" - Conseal CS-102 1.00" 2) PSX - 8QRS-S NYLO						0 lb 5677 lb 15138 lb 516 lb 752 lb 0 lb 0 lb 0 lb 13 lb ----- Structure Total: 22096 lb		Structure Notes: 1. PER ASTM C-913 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. 2 EA. HOE MC-315 FRAMES & COVERS "GREASE TRAP" SUPPLIED BY ICAST 5. WET STICK 18" X 24" #5 L-BARS @ 12" C.C. E.W. (GRADE 60) OUT OF FLOOR FOR WALL POUR TIE-IN (36 EA. L-BARS REQUIRED)			
Rim: 5.5' Rim to Invert: 2.5' Slack: 0" Sump: 36" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	3'	0°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	34"	0"	
Invert 2	3.25'	180°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	37"	0"	
Invert 3											
RIGHT-SIDE UP VIEW (int. dimensions)											
											
INSIDE WALL DIMENSIONS											
											
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: n/a		Wall Thickness: 6" Floor Height: 6"		Height (Int): 51" Height (Ext): 57"		Weight (Net): 15138 lb Volume (Net): 3.87cu.yd		

Job Name: 26-2432 - Madisonville Grease Trap

Job Location: Madisonville, KY

Contractor: Gaston Engineering

Plant: 100

6/19/2026 4:04:38 PM

Tech: J. Horsley

PC: E. Bradley



Structure ID: QL1

P1 BX48144-06BAVF

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

P3) 24" - CASTING HEIGHT - 7"

P2) 48" x 144" - BX FLAT TOP 6"W w/(2) 24" HOLES (Grease Trap) F/F - 8"

P1) 48" x 144" - BOX BASE 6inW, 6inF, Variable Ht F/n - 51"

2) CASTING - HOE MC-315 F/C Grease

1) 48" x 49" - BAFFLE WALL (GT-1000 GAL.) - 4"

1) SECONDARY POUR - Base Walls

1) 48" x 144" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) PSX - 8QRS-S NYLO

0 lb

5677 lb

15138 lb

516 lb

752 lb

0 lb

0 lb

0 lb

13 lb

Structure Total: 22096 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. 2 EA. HOE MC-315 FRAMES & COVERS "GREASE TRAP" SUPPLIED BY ICAST

5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN

FIRST POUR (FLOOR): 4,713 LBS

SECOND POUR (WALLS): 10,425 LBS

THIRD POUR (BAFFLE WALL): 752 LBS

Rim: 5.5'

Rim to Invert: 2.5'

Slack: 0"

Sump: 36"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	3'	0°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	34"	0"
Invert 2	3.25'	180°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	37"	0"
Invert 3										

RIGHT-SIDE UP VIEW (int. dimensions)

(P3)

(P2)

(P1) <<

60"

6"

48"

24"

24"

6"

6"

156"

144"

6"

24"

24"

6"

30" TYP

4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING

180°

24"

8"

37"

0°

24"

8"

34"

INSIDE WALL DIMENSIONS

Front

Right (144")

Back (48")

Left

EXT

24"

34"

24"

37"

16" TYP

51"

6"

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 51"

Height (Ext): 57"

Weight (Net): 15138 lb

Volume (Net): 3.87cu.yd

Job Name: 26-2432 - Madisonville Grease Trap

Job Location: Madisonville, KY

Contractor: Gaston Engineering

Plant: 100

6/19/2026 4:04:38 PM

Tech: J. Horsley

PC: E. Bradley



Structure ID: QL1

P1 BX48144-06BAVF

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

P3) 24" - CASTING HEIGHT - 7"

P2) 48" x 144" - BX FLAT TOP 6"W w/(2) 24" HOLES (Grease Trap) F/F - 8"

P1) 48" x 144" - BOX BASE 6inW, 6inF, Variable Ht F/n - 51"

2) CASTING - HOE MC-315 F/C Grease

1) 48" x 49" - BAFFLE WALL (GT-1000 GAL.) - 4"

1) SECONDARY POUR - Base Walls

1) 48" x 144" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) PSX - 8QRS-S NYLO

0 lb

5677 lb

15138 lb

516 lb

752 lb

0 lb

0 lb

0 lb

13 lb

Structure Total: 22096 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

- DRILL & DOWEL #4 BAR @ 12" C.C. E.W. (GRADE 60) INTO BASE FLOOR FOR BAFFLE WALL POUR TIE-IN - 4" MIN. PENETRATION INTO BASE FLOOR

4. 2 EA. HOE MC-315 FRAMES & COVERS "GREASE TRAP" SUPPLIED BY ICAST

5. PRIOR TO BAFFLE WALL POUR, PLACE STRIP OF CS-231 BETWEEN BAFFLE WALL & BASE WALLS (BOTH SIDES)

FIRST POUR (FLOOR): 4,713 LBS

SECOND POUR (WALLS): 10,425 LBS

THIRD POUR (BAFFLE WALL): 752 LBS

Rim: 5.5'

Rim to Invert: 2.5'

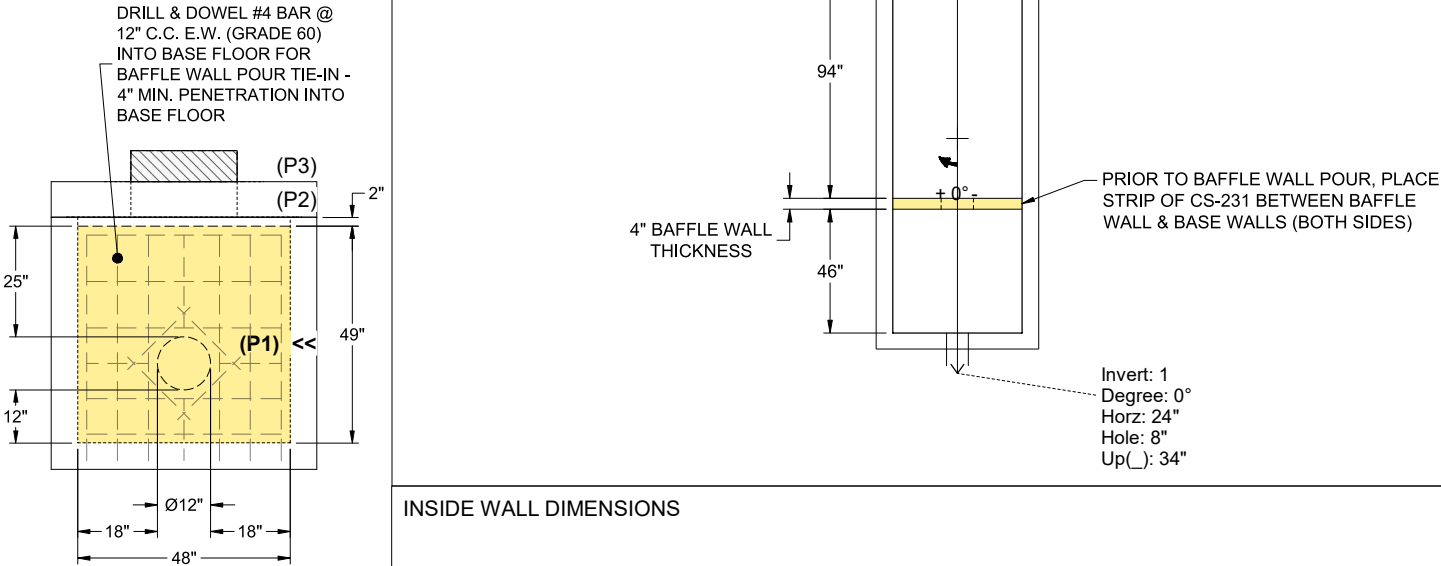
Slack: 0"

Sump: 36"

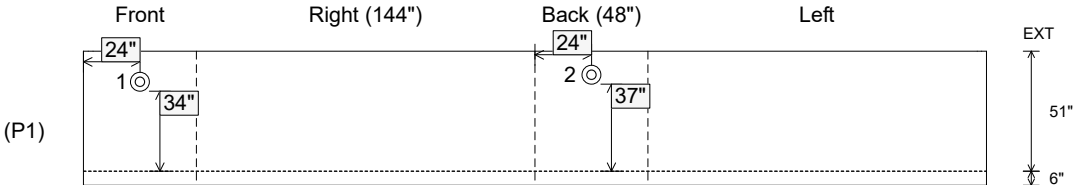
Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	3'	0°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	34"	0"
Invert 2	3.25'	180°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	37"	0"
Invert 3										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 51"

Height (Ext): 57"

Weight (Net): 15138 lb

Volume (Net): 3.87cu.yd

Job Name: 26-2432 - Madisonville Grease Trap
Job Location: Madisonville, KY
Contractor: Gaston Engineering

Plant: 100

6/19/2026 4:11:13 PM

Tech: J. Horsley

PC: E. Bradley



Structure ID: QL1

P2 BX048144-06LD08S

BX FLAT TOP 6"W w/(2) 24" HOLES (Grease Trap) F/F

- P3) 24" - CASTING HEIGHT - 7"
P2) 48" x 144" - BX FLAT TOP 6"W w/(2) 24" HOLES (Grease Trap) F/F - 8"
P1) 48" x 144" - BOX BASE 6inW, 6inF, Variable Ht F/n - 51"
2) CASTING - HOE MC-315 F/C Grease
1) 48" x 49" - BAFFLE WALL (GT-1000 GAL.) - 4"
1) SECONDARY POUR - Base Walls
1) 48" x 144" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
2) PSX - 8QRS-S NYLO

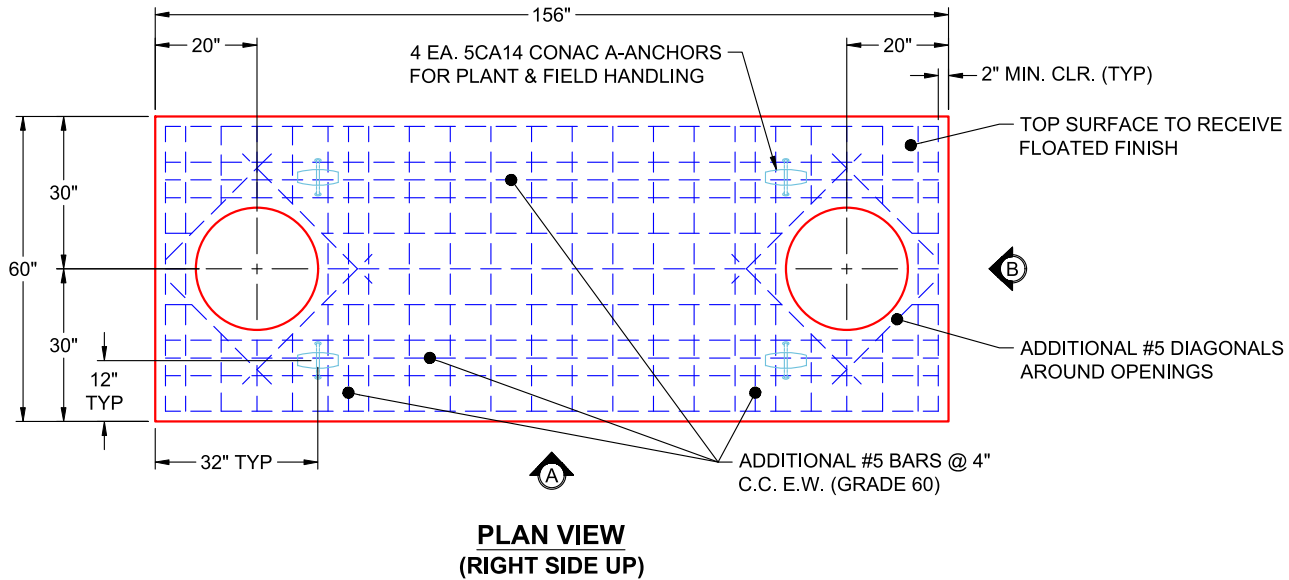
Structure Total:

0 lb
5677 lb
15138 lb
516 lb
752 lb
0 lb
0 lb
0 lb
13 lb

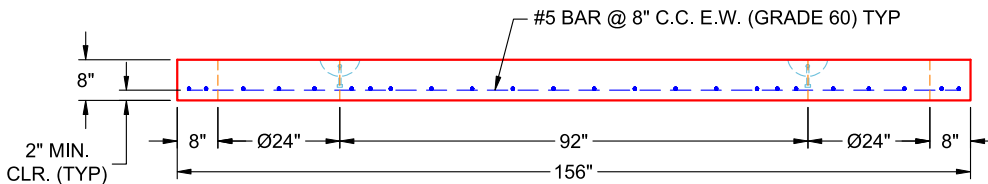
22096 lb

Structure Notes:

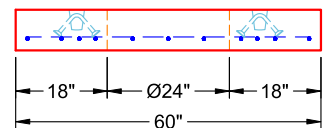
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. 2 EA. HOE MC-315 FRAMES & COVERS "GREASE TRAP" SUPPLIED BY ICAST
5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN
6. TOP SURFACE TO RECEIVE FLOATED FINISH



**PLAN VIEW
(RIGHT SIDE UP)**



**VIEW A
(RIGHT SIDE UP)**



**VIEW B
(RIGHT SIDE UP)**

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 6"

Height (Ext): 8"

Weight (Net): 5677 lb
Volume (Net): 1.45cu.yd

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

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

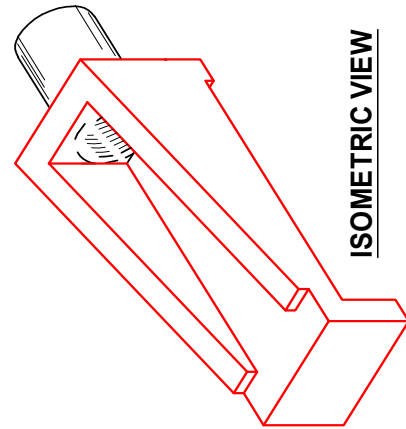
Tech: Jared - F
PC: E. Bardley



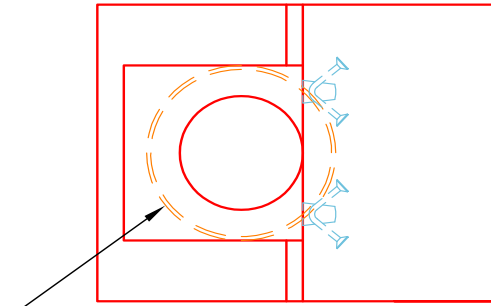
Structure ID: 1 HW

P1 HWSP18

18" - SLOPED & PARALLEL HEADWALL F/F

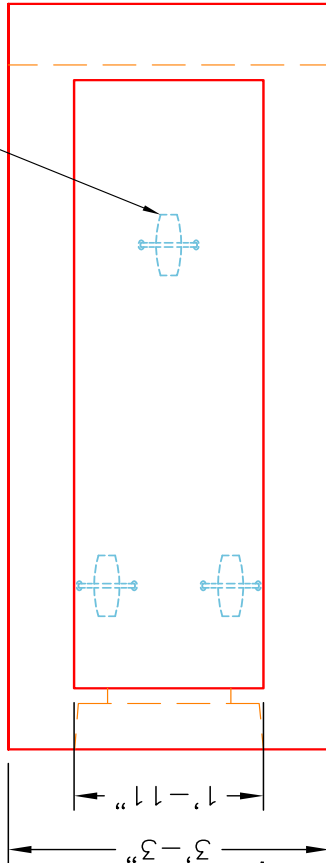


ISOMETRIC VIEW

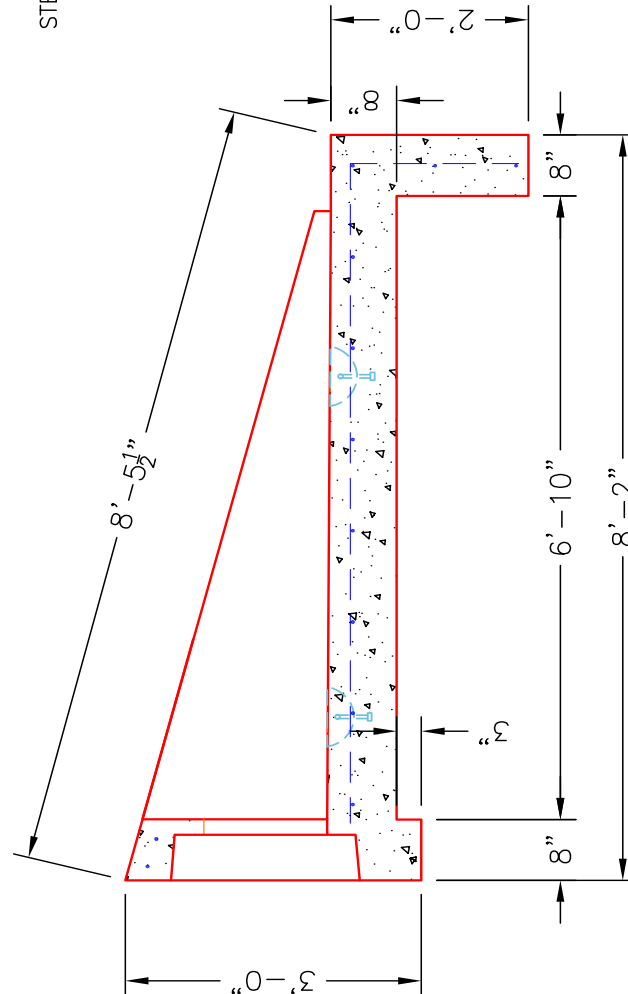


FRONT ELEVATION

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



PLAN VIEW



SECTION A-A

NOTES:

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

INFRASTRUCTURE PRECAST, INC.

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

KYTC 12" - 18" SLOPED & PARALLEL HEADWALLS

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

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

WEB: WWW.ICASTINC.COM SCALE: NTS



Job Name: 26-1899 - Gateway 65 Industrial Road

Job Location: Franklin, KY

Contractor: RD Sitework LLC

Plant: 100

6/4/2026 4:34:04 PM

Tech: Jared - F

PC: E. Bardley



Structure ID: 19 ST-DCI

P1 BX036084-08BAVF

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

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

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

P1) 36" x 84" - BOX BASE 8inW, 8inF, Variable Ht F/n - 58"

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

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

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

2) Hole - 26

0 lb

2911 lb

13368 lb

442 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 16721 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

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

3. NO STEPS AND NO INVERT CHANNEL.

4. CASTING BY ICAST (HOE 525 DBL SET FLAT GRATE (F/G/H)).

REINFORCING PER ASTM A615 (GRADE 60).

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

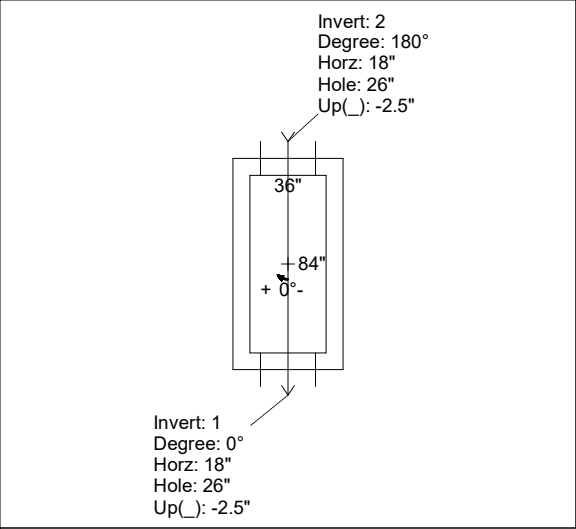
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.

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

Rim: 676.6' Rim to Invert: 6' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	670.6'	0°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	-2.5"	0"
Invert 2	670.6'	180°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	-2.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

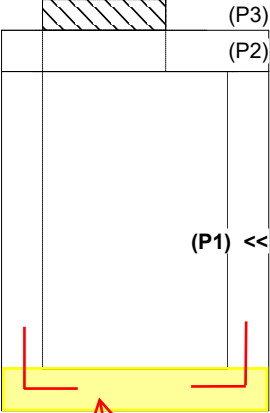
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

1ST POUR (FLOOR) = 3,490 LBS

2ND POUR (WALLS) = 9,878 LBS



1ST POUR (FLOOR)

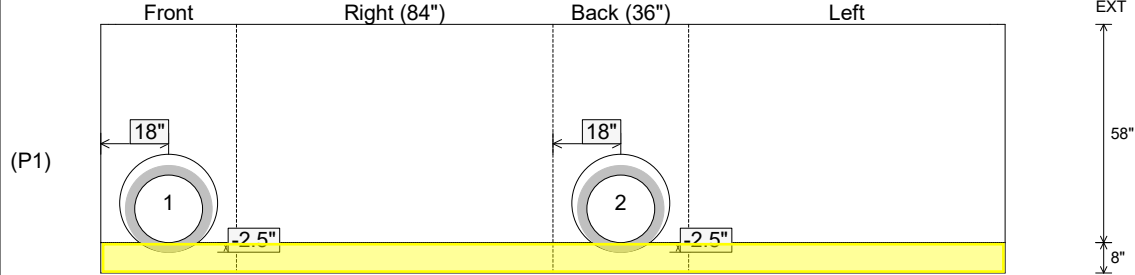
STUB #5 L BARS OUT

TOP FLOOR, SPA AT

12" C/C FOR

CONNECTING WALLS

INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 58"

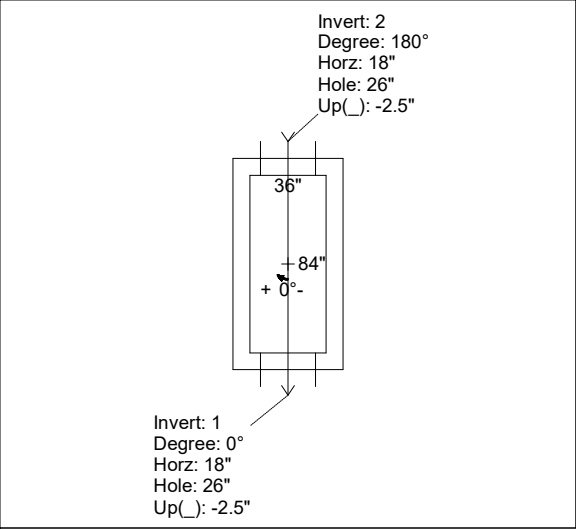
Height (Ext): 66"

Weight (Net): 13368 lb

Volume (Net): 3.42cu.yd

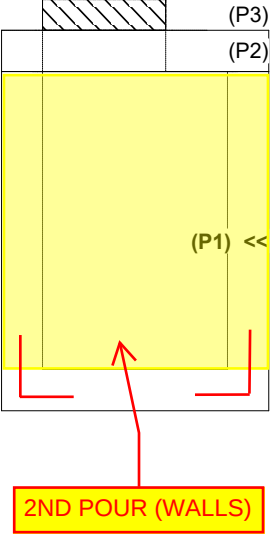
Job Name: 26-1899 - Gateway 65 Industrial Road Job Location: Franklin, KY Contractor: RD Sitework LLC					Plant: 100 6/4/2026 4:34:04 PM		Tech: Jared - F PC: E. Bardley				
Structure ID: 19 ST-DCI											
P1 BX036084-08BAVF BOX BASE 8inW, 8inF, Variable Ht F/n											
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 36" x 84" - CB FLAT TOP 8"W SPEC. (2 - 24x36 HOLES) F/F - 8" P1) 36" x 84" - BOX BASE 8inW, 8inF, Variable Ht F/n - 58" 1) CASTING - HOE 525 DBL SET FLAT GRATE (F/G/H) 1) 36" x 84" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 26"						0 lb 2911 lb 13368 lb 442 lb 0 lb 0 lb 0 lb ----- 16721 lb		Structure Notes: . 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 DBL SET FLAT GRATE (F/G/H)). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - WALLS (As .47) #5 BARS AT 8" C.C.E.W. - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.			
Rim: 676.6' Rim to Invert: 6' Slack: 0" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	670.6'	0°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	-2.5"	0"	
Invert 2	670.6'	180°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	-2.5"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

RIGHT-SIDE UP VIEW (int. dimensions)

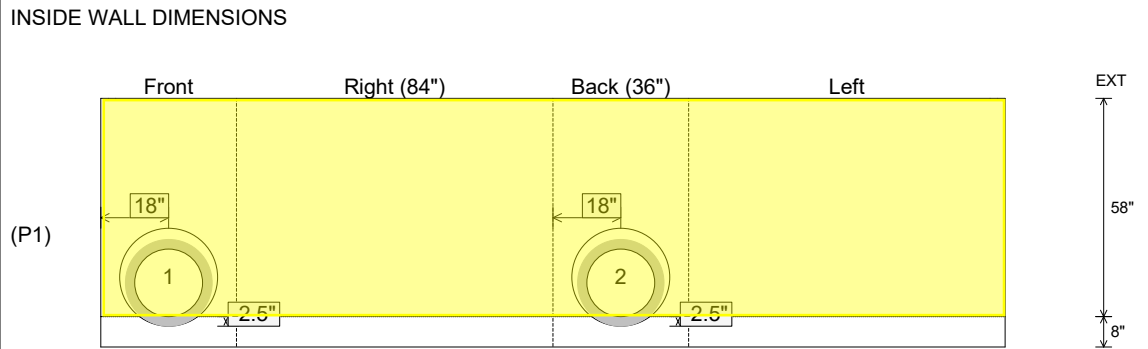


UPSIDE-DOWN VIEW (int. dimenions)

1ST POUR (FLOOR) = 3,490 LBS
2ND POUR (WALLS) = 9,878 LBS

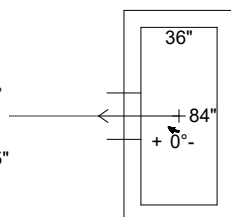
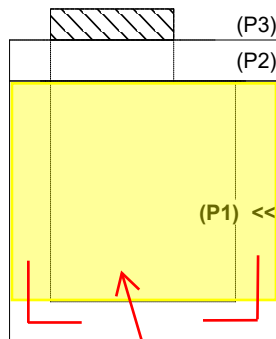


INSIDE WALL DIMENSIONS

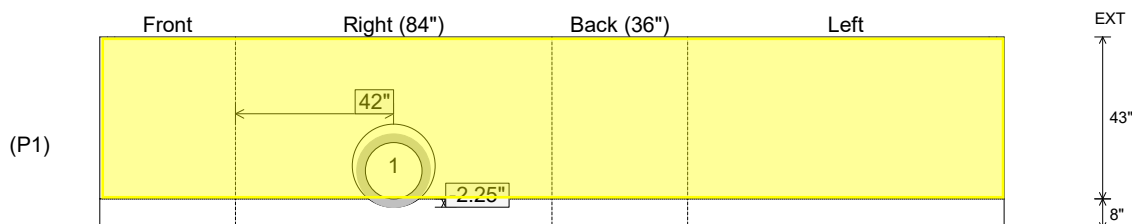


Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 58" Height (Ext): 66"	Weight (Net): 13368 lb Volume (Net): 3.42cu.yd
----------------------------------	-------------------------------	--	--	---

Weight (Net): 11087 lb
Volume (Net): 2.83cu.yd

[illegible]

1ST POUR (FLOOR) = 3,490 LBS
2ND POUR (WALLS) = 7,597 LBS



Weight (Net): 11087 lb
Volume (Net): 2.83cu.yd

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

Plant: 100

6/4/2026 4:39:18 PM

Tech: Jared - F
PC: E. Bardley



Structure ID: 42 ST-DCI

P2 BX036084-08LD08SP

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

- P3) 24" x 36" - CASTING HEIGHT - 6"
P2) 36" x 84" - CB FLAT TOP 8"W SPEC. (2 - 24x36 HOLES) F/F - 8"
P1) 36" x 84" - BOX BASE 8inW, 8inF, Variable Ht F/n - 43"
1) CASTING - HOE 525 DBL SET FLAT GRATE (F/G/H)
1) 36" x 84" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 22

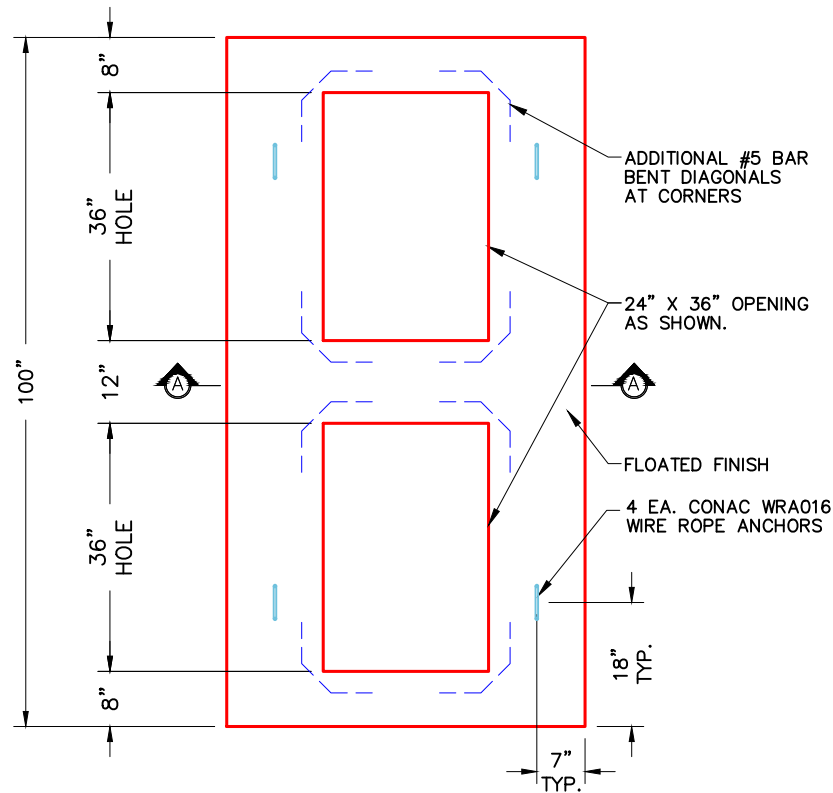
0 lb
2911 lb
11087 lb
442 lb
0 lb
0 lb
0 lb

Structure Total: 14440 lb

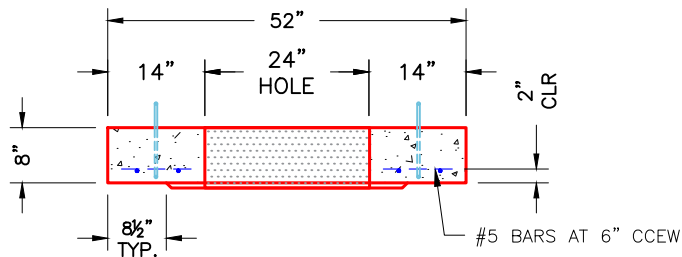
Structure Notes:

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

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



PLAN VIEW



SECTION A-A

NOTES:

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

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

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

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

Plant: 100

6/4/2026 4:39:17 PM

Tech: Jared - F
PC: E. Bardley



Structure ID: 41 ST-DCI

P2 BX036084-08LD08SP

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

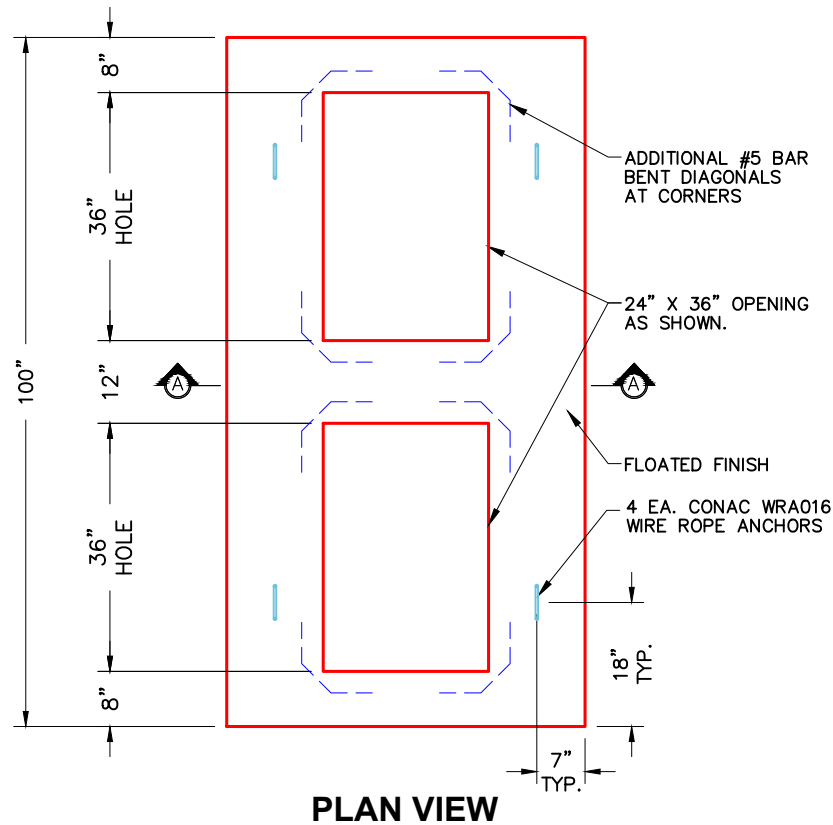
P3) 24" x 36" - CASTING HEIGHT - 6"
P2) 36" x 84" - CB FLAT TOP 8"W SPEC. (2 - 24x36 HOLES) F/F - 8"
P1) 36" x 84" - BOX BASE 8inW, 8inF, Variable Ht F/n - 48"
1) CASTING - HOE 525 DBL SET FLAT GRATE (F/G/H)
1) 36" x 84" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
2) Hole - 32
1) Hole - 22

0 lb
2911 lb
10920 lb
442 lb
0 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 14273 lb

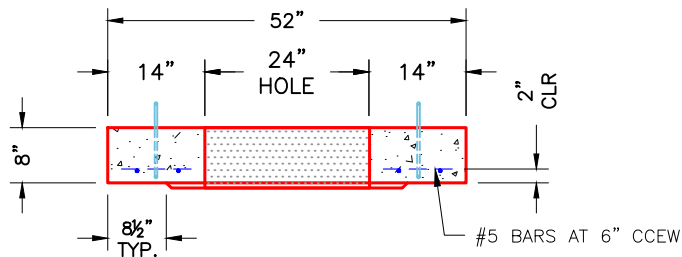
Structure Notes:

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

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



PLAN VIEW



SECTION A-A

NOTES:

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

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

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