

Structure ID: Wet Well-11-11

P4 MH120RS84CDARED

MH RISER w/CONBLOCK CDA RED T/G

P6) 30" x 36" - HATCH (CAST FLUSH) - 0" P5) 120" - MH FLAT TOP w/2x 30"x36" Hatches CONBLOCK CDA RED F/G - 18" P4) 120" - MH RISER w/CONBLOCK CDA RED T/G - 84" P3) 120" - MH RISER w/CONBLOCK CDA RED T/G - 96" P2) 120" - MH RISER w/CONBLOCK CDA RED T/G - 96" P1) 120" - MH BASE SLAB w/CONBLOCK CDA RED T/n - 12" 4) JOINT WRAP - 12" WD x 120" MAC WRAP 2) HATCH (Alum.) - HALLIDAY W1S 30"x36" 1) This Structure Includes a Cast-in Item - Halliday W1S 30" x 36" Hatches (Supplied by iCast) 1) ADMIXTURE CONBLOCK CDA RED 4) 120" - Conseal CS-231 1.00" (Double) 2) Z-Lok - C107-3 1) A-Lok - 0285	<table style="width:100%; border-collapse: collapse;"> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">15235 lb</td><td></td></tr> <tr><td style="text-align: right;">31843 lb</td><td></td></tr> <tr><td style="text-align: right;">36468 lb</td><td></td></tr> <tr><td style="text-align: right;">36399 lb</td><td></td></tr> <tr><td style="text-align: right;">22837 lb</td><td></td></tr> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">138 lb</td><td></td></tr> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">2 lb</td><td></td></tr> <tr><td style="text-align: right;">1 lb</td><td></td></tr> <tr><td style="text-align: right;">-----</td><td></td></tr> <tr><td style="text-align: right;">Structure Total:</td><td style="text-align: right;">142923 lb</td></tr> </table>	0 lb		15235 lb		31843 lb		36468 lb		36399 lb		22837 lb		0 lb		138 lb		0 lb		0 lb		0 lb		0 lb		2 lb		1 lb		-----		Structure Total:	142923 lb
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Structure Total:	142923 lb																																

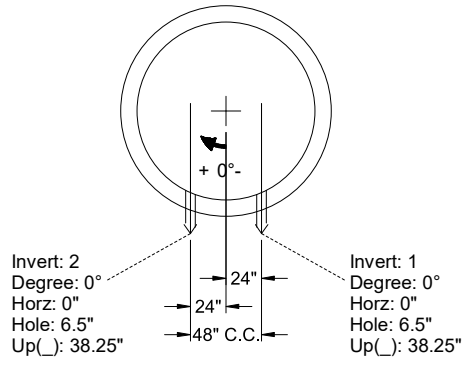
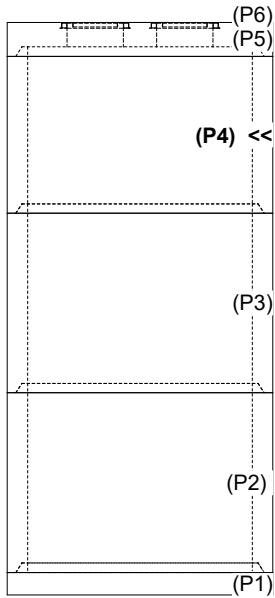
Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615
4. NO STEPS
5. CONBLOCK CDA RED ADMIXTURE REQUIRED
6. 2 EA. HALLIDAY W1S 30" X 36" HATCHES SUPPLIED BY ICAS - TO BE CAST INTO FLAT LID
7. LIFTERS: 4 EA. 8CA18 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AT 0°, 90°, 180°, & 270°, MIN. 20" FROM TOP OF WALLS
8. INVERTS 1 & 2 OFFSET 24" FROM CENTER (48" CENTER-TO-CENTER)

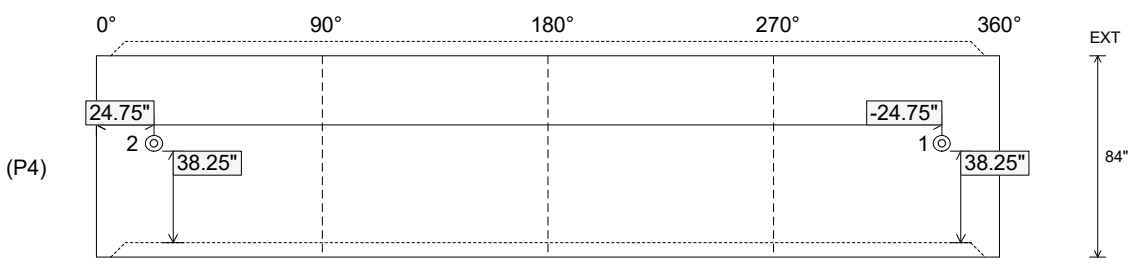
Rim: 543.5' Rim to Invert: 17.73' Slack: -6" Sump: 75.24" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	539.33'	0°	-24.5"	3" DI	3.5"	Z-Lok C107-3	6.5"	7.099"	38.25"	-24"
Invert 2	539.33'	0°	24.5"	3" DI	3.5"	Z-Lok C107-3	6.5"	7.099"	38.25"	24"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 11" Floor Height: 0"	Height (Int): 84" Height (Ext): 84"	Weight (Net): 31843 lb Volume (Net): 8.13cu.yd
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Job Name: 26-2037 830068 Marketplace
 Job Location: Georgetown, KY
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam
 4/23/2026 11:53:38 AM

Tech: S. Felletter
 PC: S. Goff



Structure ID: 30-CS-10

P4 MH120LD18SP

MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G

- P5) 24" - CASTING HEIGHT - 4"
- P4) 120" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18"
- P3) 120" - MH RISER T/G - 90"
- P2) 120" - MH RISER T/G - 96"
- P1) 120" - MH MONOBASE 14F, Custom Ht T/n - 36"
- 1) CVSTENCILING
- 1) ASSEMBLY REQUIRED - BRACKETS ONLY
- 3) 120" - Conseal CS-102 1.00"
- 2) Hole - 38

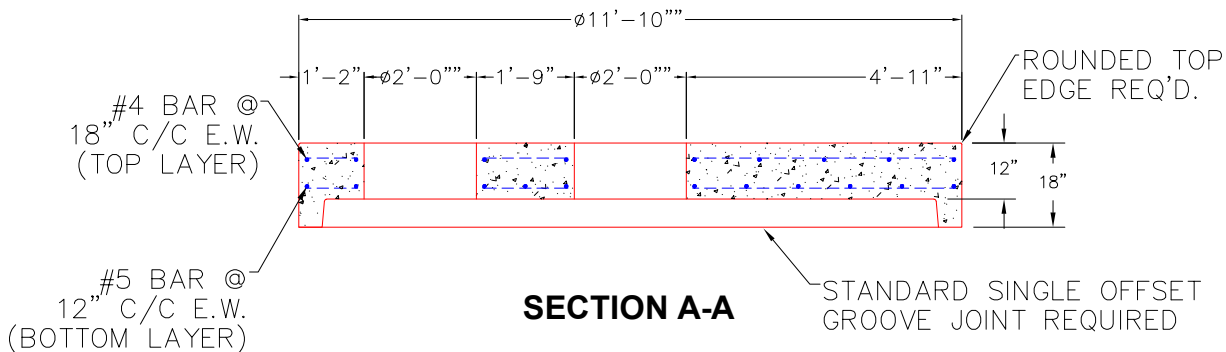
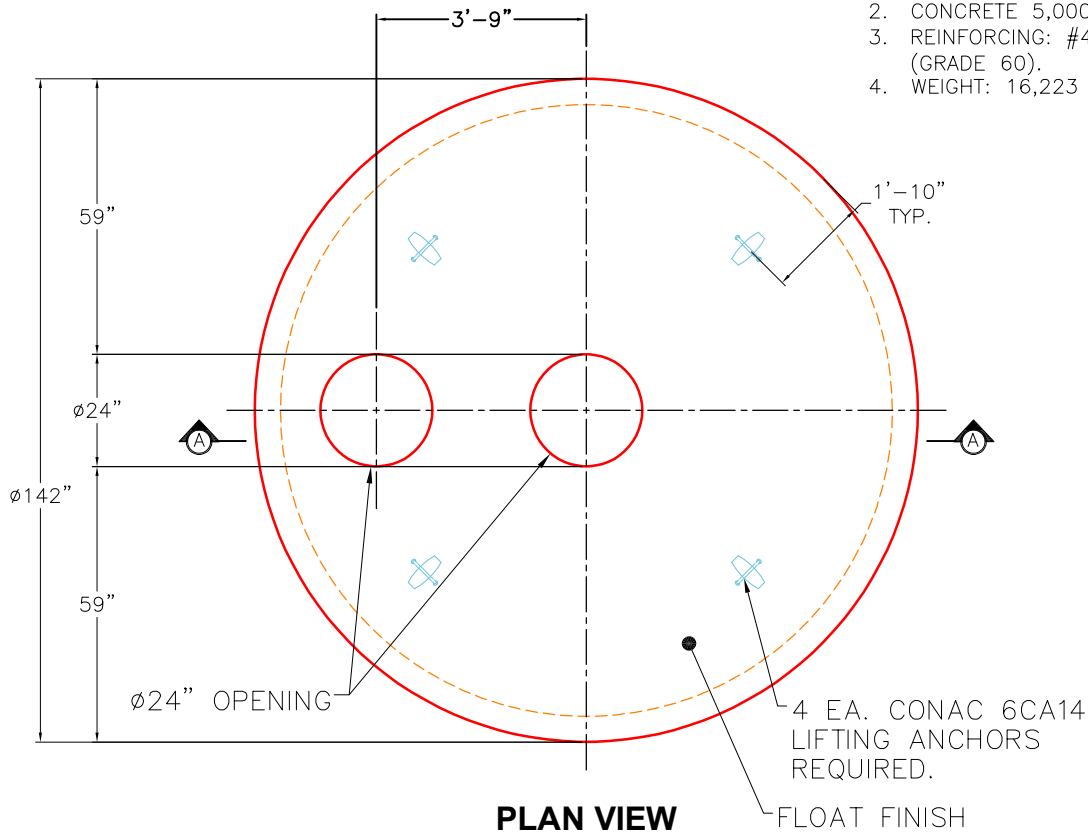
0 lb
 16223 lb
 34189 lb
 34322 lb
 32280 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 117013 lb

Structure Notes:
 4" CASTING BY OTHERS
 ICAST TO INSTALL THE INTERNAL BRACKETS,
 INTERNAL COMPONENTS TO BE INSTALLED ON
 SITE BY CONTECH FIELD CONSULTANT
 CONTECH'S LOGO AS WELL AS THE
 INLET AND OUTLET MUST BE
 STENCILED ONTO THE STRUCTURE

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE 5,000 PSI AT 28 DAYS.
3. REINFORCING: #4 & #5 BAR AS SHOWN (GRADE 60).
4. WEIGHT: 16,223 LBS.



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 11"	Height (Ext): 18"	Weight (Net): 16223 lb Volume (Net): 4.14cu.yd
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Job Name: 25-4279 - KYTC Christian Co (251031)
 Job Location: Hopkinsville, KY
 Contractor: CITCO Water

Plant: 100
 5/8/2026 11:22:38 AM

Tech: Jared- F
 PC: C. Goff



Structure ID: MH-1

P4 MH048CN42

ECC CONE w/ 24" HOLE F/G

- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - ECC CONE w/ 24" HOLE F/G - 42"
- P3) 48" - MH RISER T/G - 60"
- P2) 48" - MH RISER Custom Ht T/F - 34"
- P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE CONBLOCK CDA RED
- 3) 48" - Conseal CS-102 1.00" (Double)
- 1) DOGHOUSE - 12"x12"
- 2) DOGHOUSE - 10"x12"
- 12) MH Step ML-10-TDS-NCR - 10"

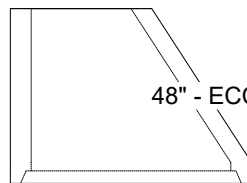
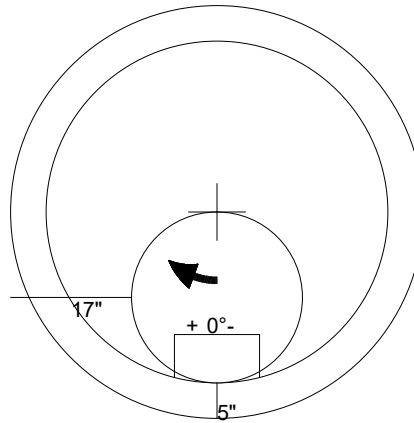
- 0 lb
- 3200 lb
- 4192 lb
- 2166 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
-

Structure Total: 9558 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING SUPPLIED BY OTHERS.

REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .18)



48" - ECC CONE w/ 24" HOLE F/G - 42" - (P4)

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 42"

Weight (Net): 3200 lb
 Volume (Net): 0.5cu.yd

Job Name: 25-4279 - KYTC Christian Co (251031)
 Job Location: Hopkinsville, KY
 Contractor: CITCO Water

Plant: 100
 5/8/2026 11:23:24 AM

Tech: Jared- F
 PC: C. Goff



Structure ID: MH-1

P3 MH048RS60

MH RISER T/G

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 48" - ECC CONE w/ 24" HOLE F/G - 42"	3200 lb
P3) 48" - MH RISER T/G - 60"	4192 lb
P2) 48" - MH RISER Custom Ht T/F - 34"	2166 lb
P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"	0 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
3) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) DOGHOUSE - 12"x12"	0 lb
2) DOGHOUSE - 10"x12"	0 lb
12) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	9558 lb

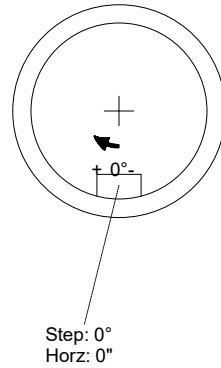
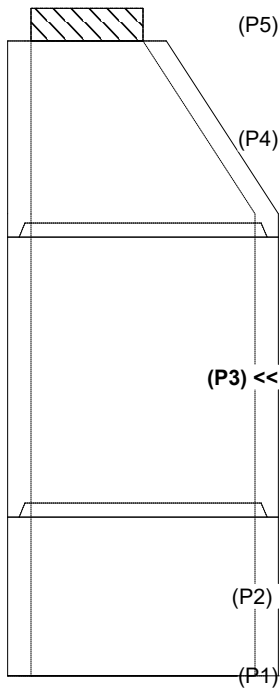
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING SUPPLIED BY OTHERS.

REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .18)

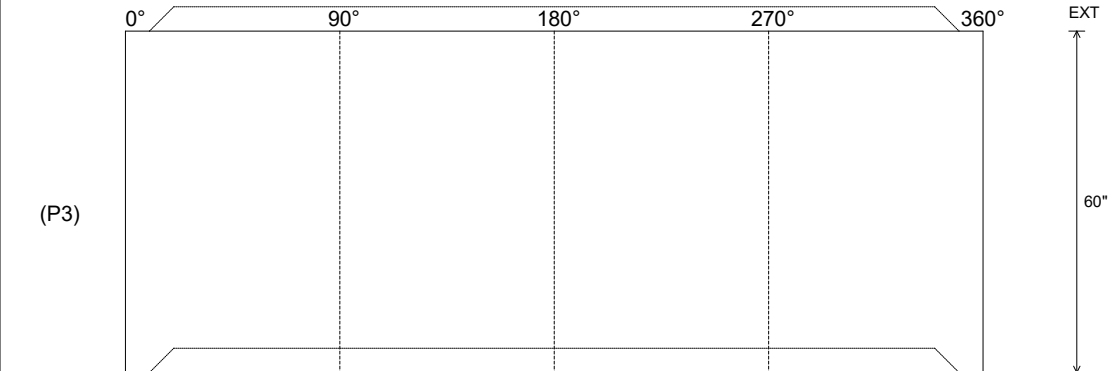
Rim: 564.5' Rim to Invert: 11.44' Slack: 0.28" Sump: 6" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	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): 60" Height (Ext): 60"	Weight (Net): 4192 lb Volume (Net): 1.07cu.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

5/12/2026 12:59:24 PM

Tech: J. Horsley - A

PC: J. Jarvis



Structure ID: 121

P1 MH048BAVF

MH BASE Custom Ht T/n

- P3) 24" - CASTING HEIGHT - 8"
- P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 28"
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 20
- 1) Hole - 18
- 1) Hole - 16
- 2) MH Step ML-10-TDS-NCR - 10"

0 lb
 1561 lb
 2956 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 4517 lb

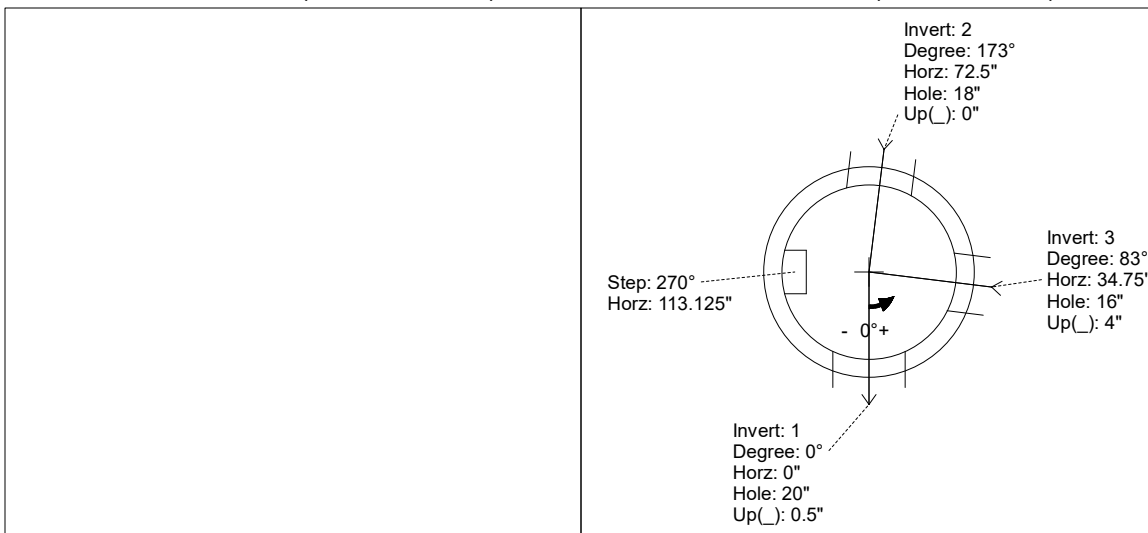
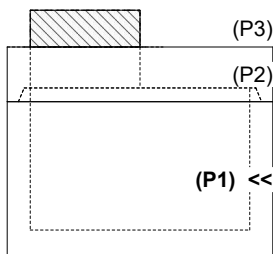
- Structure Notes:**
- **KYTC STATE PROJECT**
 - 1. PER KYTC MANHOLE TYPE A / ASTM C-478 SPECS
 - 2. CONCRETE: 4,000 PSI AT 28 DAYS
 - 3. REINFORCEMENT: PER ASTM A615
 - 4. NO STORM INVERT
 - 5. STEPS AT 270 DEGREES
 - 6. HOE KY-510 FRAME & COVER "STORM" SUPPLIED BY OTHERS

Rim: 567.08' Rim to Invert: 3.75' Slack: 0" Sump: 3" Step Position: 270

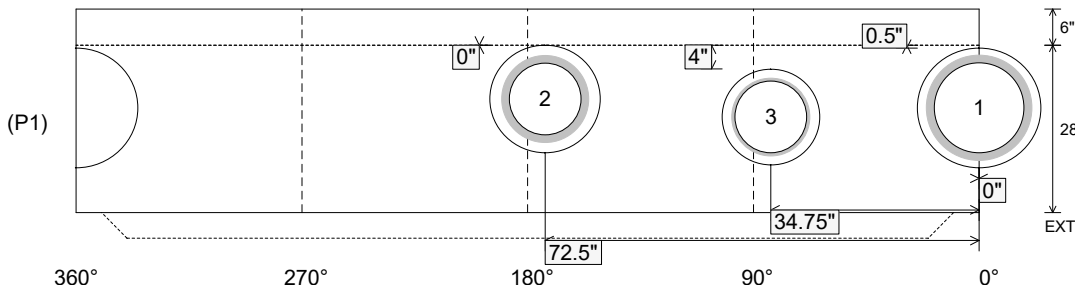
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	563.33'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	0.5"	0"
Invert 2	563.33'	173°	87.625"	12" HDPE	14.5"	Hole 18	18"	18.451"	0"	0"
Invert 3	563.58'	83°	42"	12" CMP	13"	Hole 16	16"	16.312"	4"	0"
Invert 4										
Invert 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): 28"
 Height (Ext): 34"

Weight (Net): 2956 lb
 Volume (Net): 0.76cu.yd

Job Name: 25-4279 - KYTC Christian Co (251031)
 Job Location: Hopkinsville, KY
 Contractor: CITCO Water

Plant: 100
 5/8/2026 11:23:26 AM

Tech: Jared- F
 PC: C. Goff



Structure ID: 77+93 ARV

P2 MH048DHVF

MH DH RISER Custom Ht T/F

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
- P2) 48" - MH DH RISER Custom Ht T/F - 32"
- P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) DOGHOUSE - 8"x8"

0 lb
 1561 lb
 2160 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 3721 lb

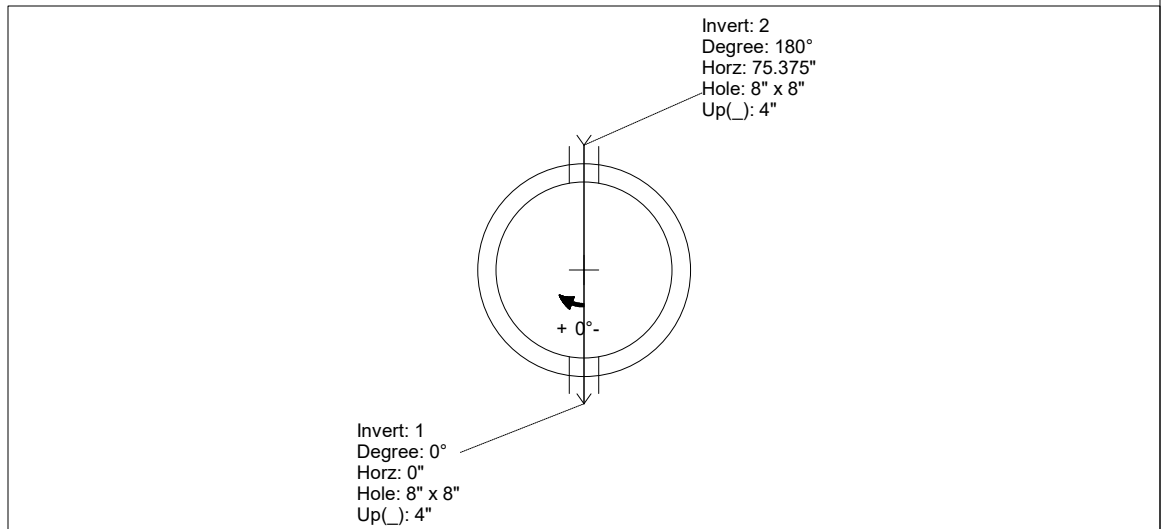
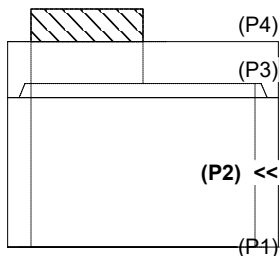
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS.
 4. CASTING SUPPLIED BY OTHERS.

 REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB = H20 LOADING.
 - RISER/WALLS (As .12)

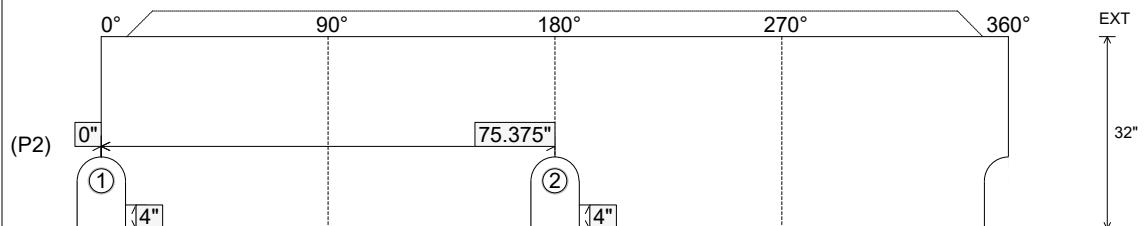
Rim: 543.59' Rim to Invert: 3.83' Slack: 0.96" Sump: 6" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	539.76'	0°	0"	4" PVC SDR21	4.375"	DOGHOUSE 8"x8"	8" x 8"	8.038"	4"	0"
Invert 2	539.76'	180°	91.125"	4" PVC SDR21	4.375"	DOGHOUSE 8"x8"	8" x 8"	8.038"	4"	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: Flat	Wall Thickness: 5" Floor Height: 0"	Height (Int): 32" Height (Ext): 32"	Weight (Net): 2160 lb Volume (Net): 0.55cu.yd
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Job Name: 25-4279 - KYTC Christian Co (251031)
 Job Location: Hopkinsville, KY
 Contractor: CITCO Water

Plant: 100

5/8/2026 11:23:23 AM

Tech: Jared- F

PC: C. Goff



Structure ID: MH-1

P2 MH048RSVF

MH RISER Custom Ht T/F

- P5) 24" - CASTING HEIGHT - 7" 0 lb
 - P4) 48" - ECC CONE w/ 24" HOLE F/G - 42" 3200 lb
 - P3) 48" - MH RISER T/G - 60" 4192 lb
 - P2) 48" - MH RISER Custom Ht T/F - 34" 2166 lb
 - P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0" 0 lb
 - 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
 - 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
 - 1) ADMIXTURE CONBLOCK CDA RED 0 lb
 - 3) 48" - Conseal CS-102 1.00" (Double) 0 lb
 - 1) DOGHOUSE - 12"x12" 0 lb
 - 2) DOGHOUSE - 10"x12" 0 lb
 - 12) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: 9558 lb

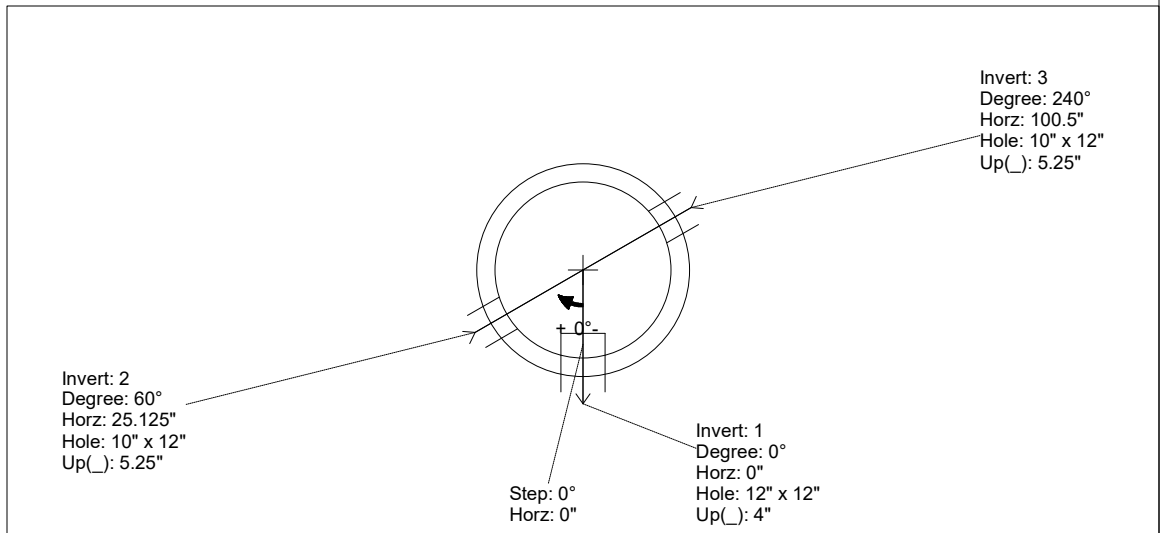
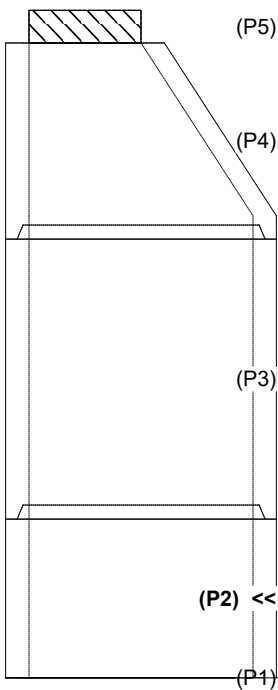
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING SUPPLIED BY OTHERS.

REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .18)

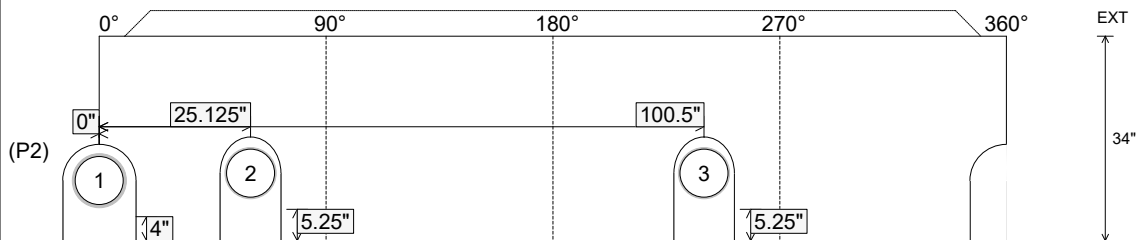
Rim: 564.5' Rim to Invert: 11.44' Slack: 0.28" Sump: 6" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	553.06'	0°	0"	8" DI	9"	DOGHOUSE 12"x12"	12" x 12"	12.129"	4"	0"
Invert 2	553.16'	60°	30.375"	8" PVC SDR35	8.5"	DOGHOUSE 10"x12"	10" x 12"	10.074"	5.25"	0"
Invert 3	553.16'	240°	121.5"	8" PVC SDR35	8.5"	DOGHOUSE 10"x12"	10" x 12"	10.074"	5.25"	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: Tongue Seam Dn: Flat	Wall Thickness: 5" Floor Height: 0"	Height (Int): 34" Height (Ext): 34"	Weight (Net): 2166 lb Volume (Net): 0.55cu.yd
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Structure ID: 201 (2)

P1 MH048BA30

MH BASE T/n

P4) 24" - CASTING HEIGHT - 7" P3) 24" - GRADE RING F/F - 4" P2) 48" - ECC CONE w/ 24" HOLE F/G - 24" P1) 48" - MH BASE T/n - 30" 1) CASTING - HOE MC-315 F/C Storm 1) 48" - Conseal CS-102 1.00" 1) Hole - 26 1) Hole - 20	0 lb 270 lb 1550 lb 3058 lb 258 lb 0 lb 0 lb 0 lb ----- 5135 lb	Structure Total: 5135 lb
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Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE MC-315 F/C "STORM").
4. NO STEPS.

REINFORCING PER ASTM A615 (GRADE 60).

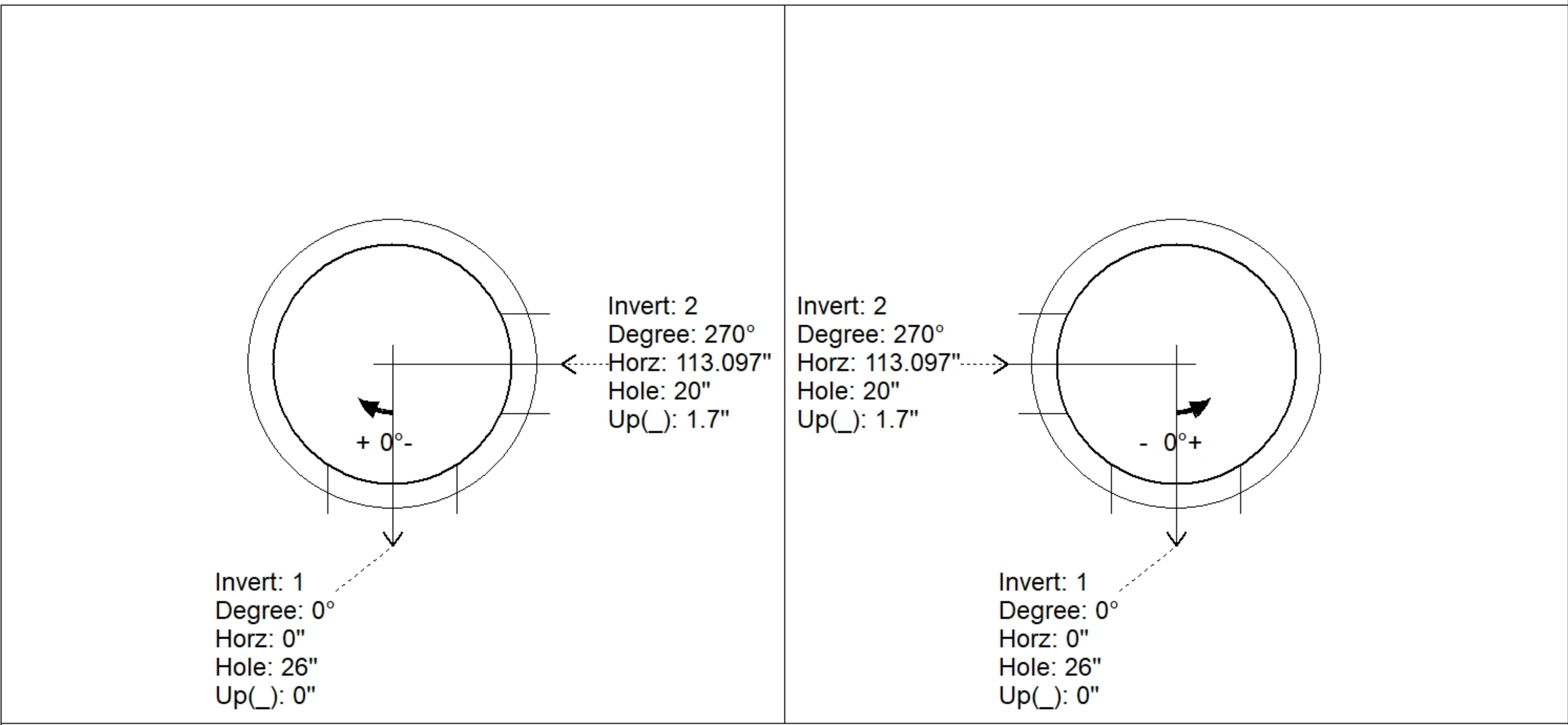
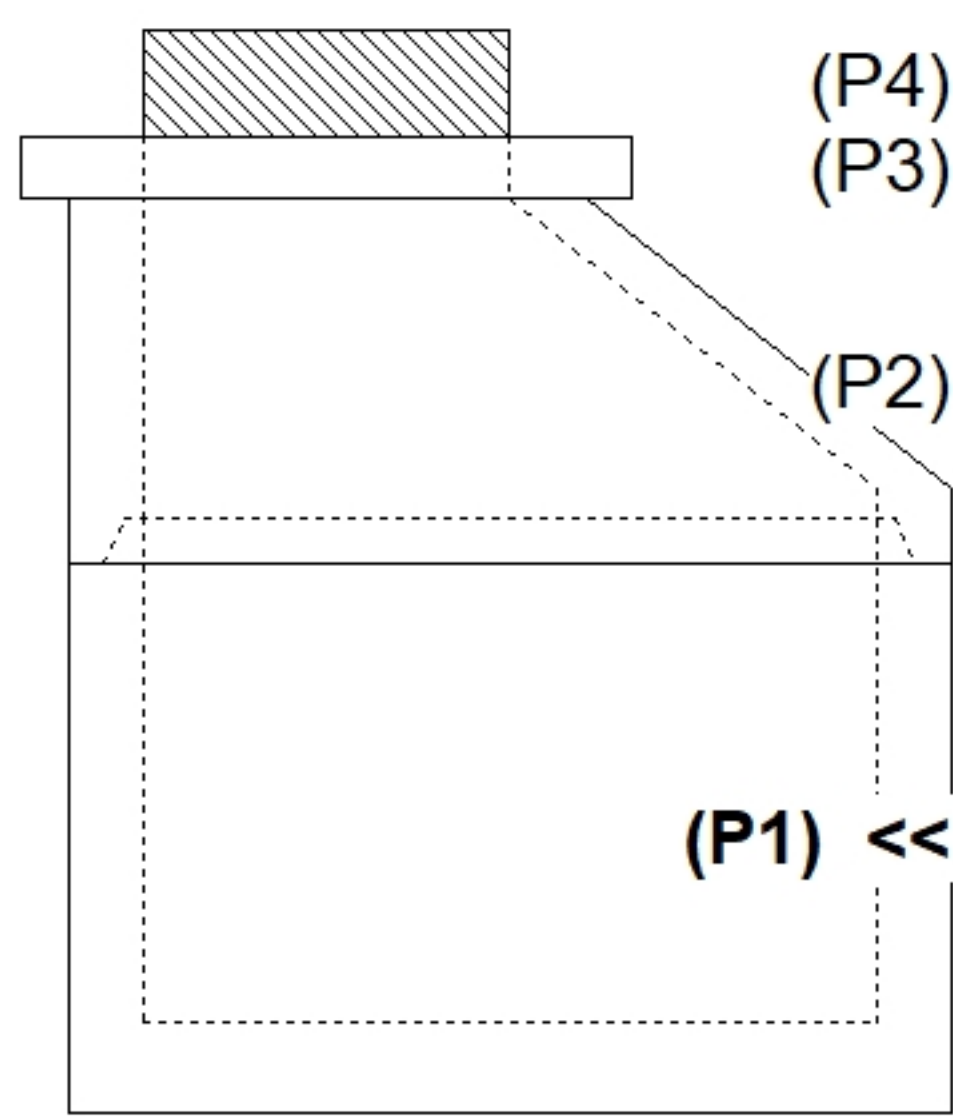
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 379.56' Rim to Invert: 5.26' Slack: 0.62" Sump: 2.5" Step Position:

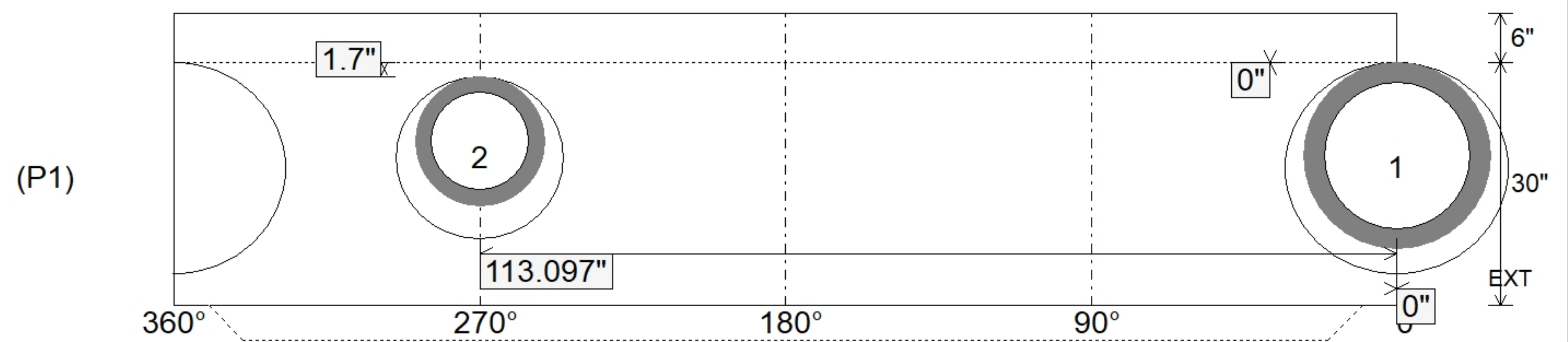
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	374.3'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"
Invert 2	374.4'	270°	136.659"	12" RCP B WALL	16"	Hole 20	20"	20.629"	1.7"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 30"
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 36"
		Weight (Net): 3058 lb	
		Volume (Net): 0.78cu.yd	

Job Name: 25-3452 - Churchill Downs Skye Terrace Improvements
 Job Location: Louisville, KY 40208
 Contractor: Louisville Paving and Construction

Plant: 100
 4/30/2026 1:23:06 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S214

P2 MH048LD12S

MH FLAT TOP w/32"x32" Hole F/G

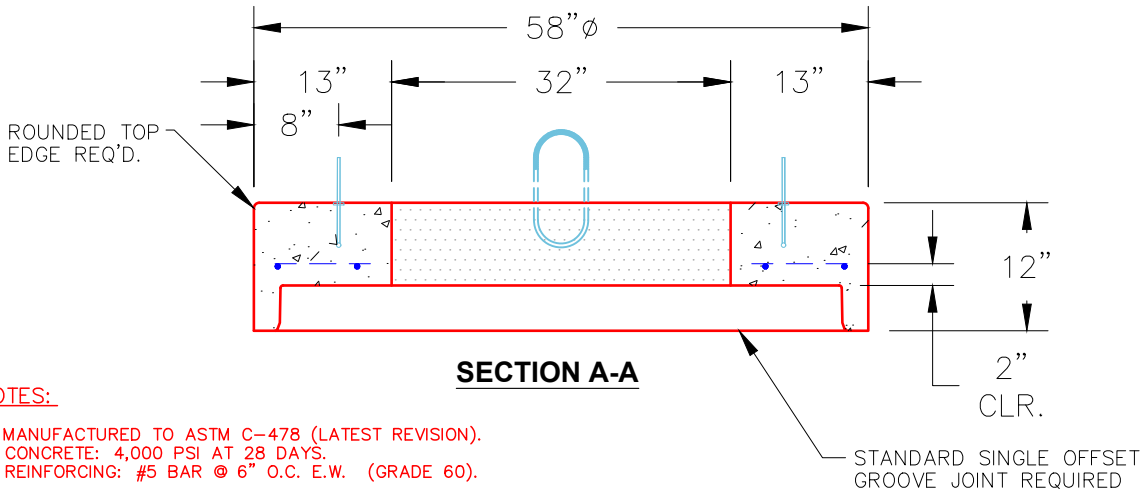
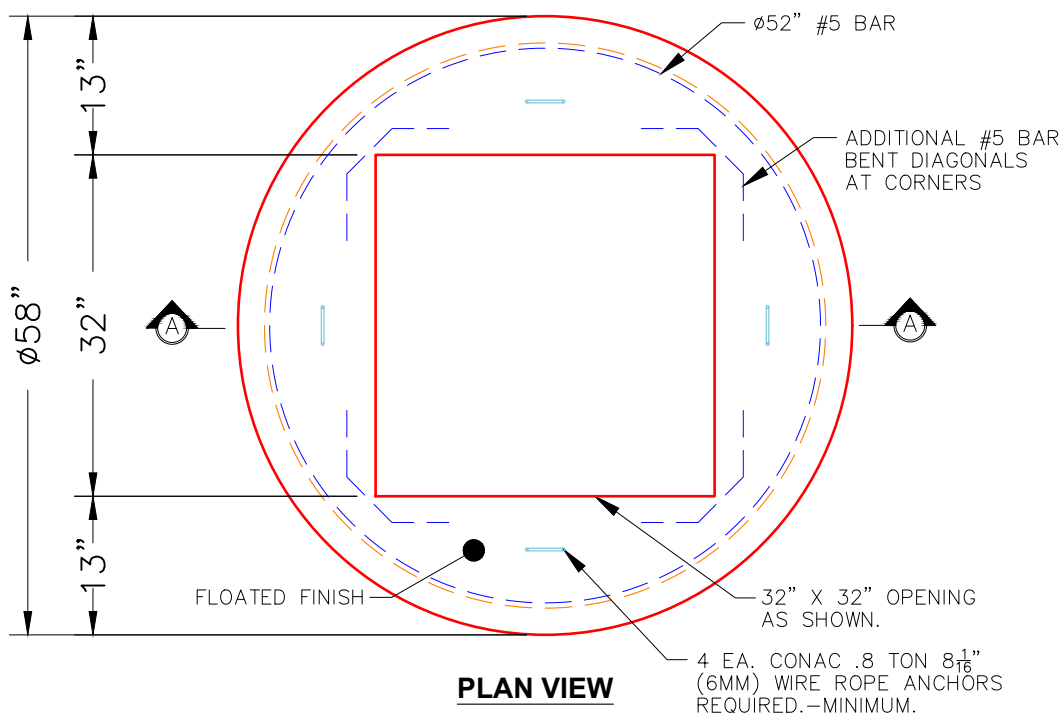
- P3) 32" x 32" - CASTING HEIGHT - 3"
- P2) 48" - MH FLAT TOP w/32"x32" Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 21"
- 1) CASTING - HOE 595 F/G
- 1) 48" - Conseal CS-102 1.00"
- 1) 32" x 32" - Conseal CS-102 1.00"
- 1) Hole - 16

0 lb
 1629 lb
 2712 lb
 376 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 4717 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 595 F/G)

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" O.C. E.W. (GRADE 60).

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 12"	Weight (Net): 1629 lb Volume (Net): 0.42cu.yd
----------------------------------	----------------------------------	--------------------	-------------------	--

Job Name: 25-3452 - Churchill Downs Skye Terrace Improvements
 Job Location: Louisville, KY 40208
 Contractor: Louisville Paving and Construction

Plant: 100
 4/30/2026 1:21:56 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S303

P1 MH048BAVF

MH BASE Custom Ht T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE F/G - 36"
- P2) 48" - MH RISER T/G - 36"
- P1) 48" - MH BASE Custom Ht T/n - 51"
- 1) CASTING - HOE MC-420 F/C Storm
- 2) 48" - Conseal CS-102 1.00"
- 2) Hole - 14
- 10) MH Step ML-10-TDS-NCR - 10"

0 lb
 3000 lb
 2515 lb
 4762 lb
 340 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 10617 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE MC-420 F/C STORM)

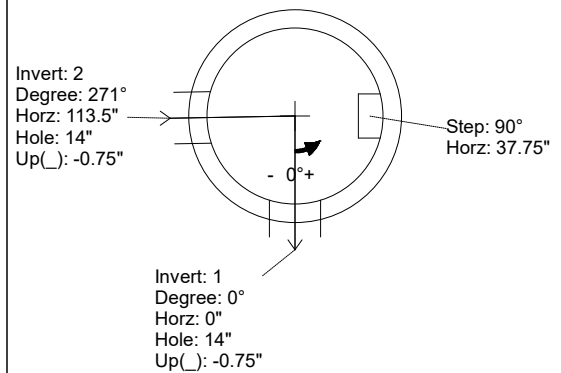
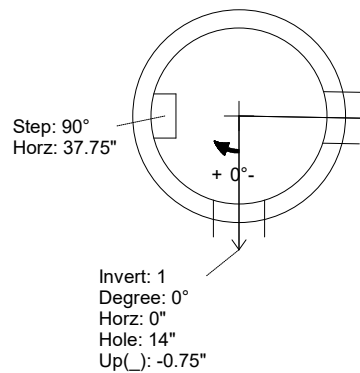
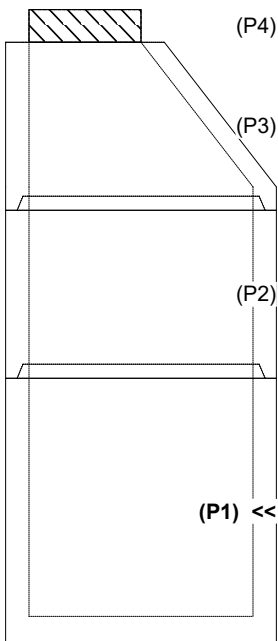
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 455.85' Rim to Invert: 10.91' Slack: 0.92" Sump: 0" Step Position: 90°

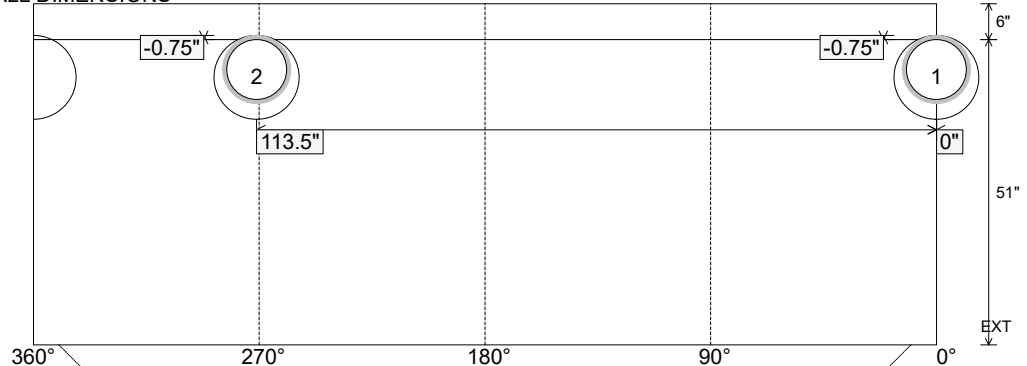
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	444.94'	0°	0"	10" HDPE	11.4"	Hole 14	14"	14.207"	-0.75"	0"
Invert 2	444.94'	271°	137.125"	10" HDPE	11.4"	Hole 14	14"	14.207"	-0.75"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 51"
 Height (Ext): 57"

Weight (Net): 4762 lb
 Volume (Net): 1.22cu.yd

Job Name: 25-3452 - Churchill Downs Skye Terrace Improvements
 Job Location: Louisville, KY 40208
 Contractor: Louisville Paving and Construction

Plant: 100
 4/30/2026 1:21:57 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S209

P1 MH048BAVF

MH BASE Custom Ht T/n

- P3) 32" x 32" - CASTING HEIGHT - 3"
- P2) 48" - MH FLAT TOP w/32"x32" Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 21"
- 1) CASTING - HOE 595 F/G
- 1) 48" - Conseal CS-102 1.00"
- 1) 32" x 32" - Conseal CS-102 1.00"
- 1) Hole - 16

0 lb
 1629 lb
 2712 lb
 376 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 4717 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 595 F/G)

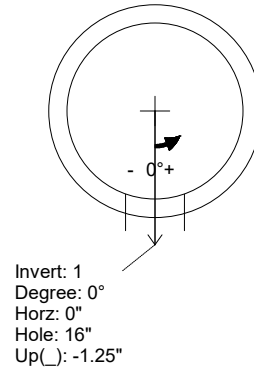
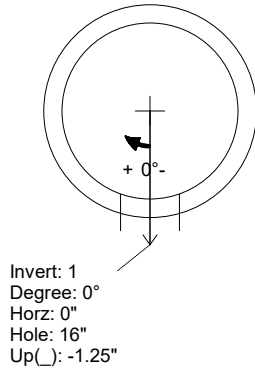
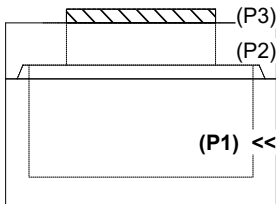
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 454.5' Rim to Invert: 3' Slack: 0" Sump: 0" Step Position:

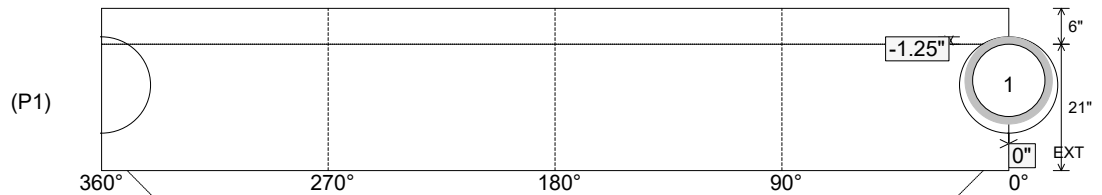
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (⌊)	Offset
Invert 1	451.5'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.312"	-1.25"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 21"
 Height (Ext): 27"

Weight (Net): 2712 lb
 Volume (Net): 0.69cu.yd

Job Name: 25-1431 - Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

4/28/2026 8:55:51 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: SSMH-276

P1 MH048BAEVF

MH BASE w/FLANGE (08F/08EF)

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING - 6"
- P3) 48" - ECC CONE w/ 24" HOLE NO STEP - 42"
- P2) 48" - MH RISER NO STEPS - 72"
- P1) 48" - MH BASE w/FLANGE (08F/08EF) - 36"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 0285

- Structure Notes:**
1. JR HOE MC-375 SELF SEALING SAN 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. **NO STEPS**

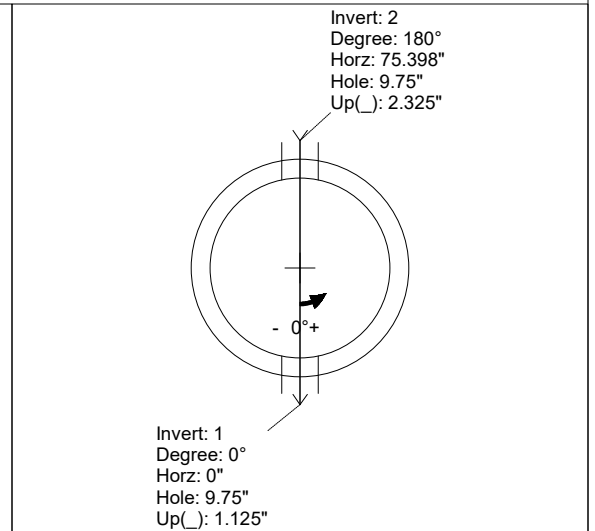
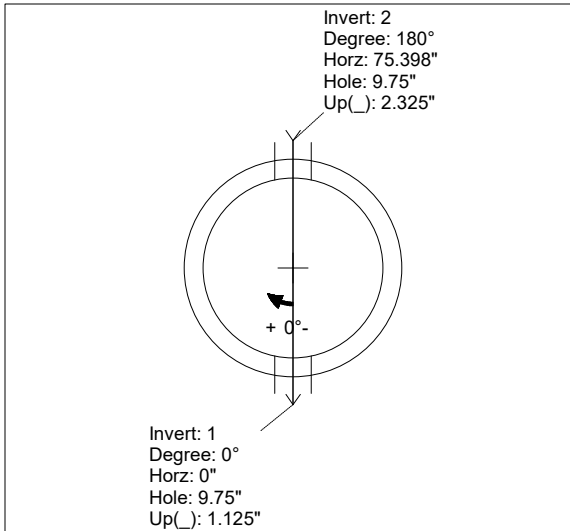
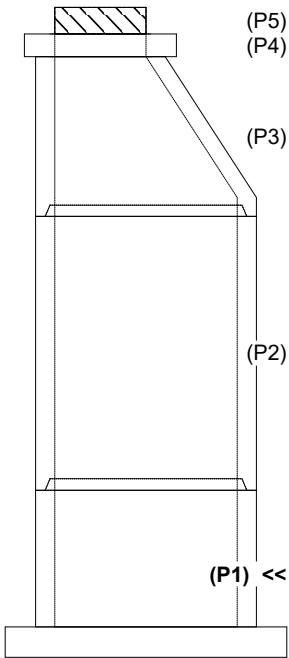
Structure Total: 15216 lb

Rim: 890.52' Rim to Invert: 13.52' Slack: 1.24" Sump: 2" Step Position:

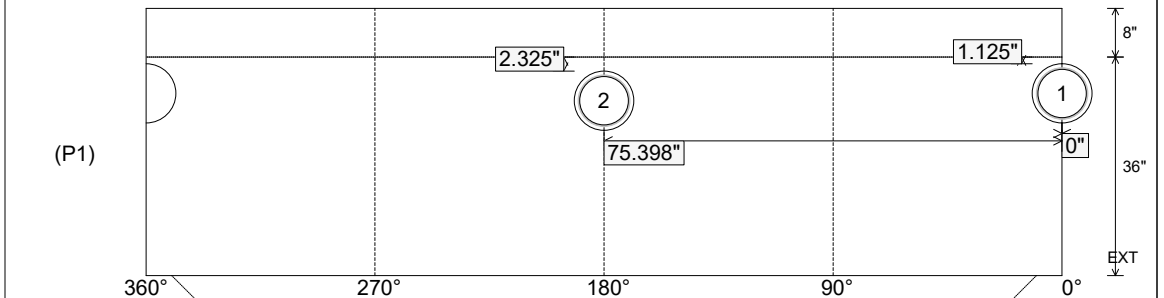
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (")	Offset
Invert 1	877'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	877.1'	180°	91.106"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	2.325"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
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: 8"

Height (Int): 36"
 Height (Ext): 44"

Weight (Net): 5339 lb
 Volume (Net): 1.36cu.yd

Job Name: 25-1431 - Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

4/28/2026 8:55:51 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: SSMH-276

P1 MH048BAEVF

MH BASE w/FLANGE (08F/08EF)

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING - 6"
- P3) 48" - ECC CONE w/ 24" HOLE NO STEP - 42"
- P2) 48" - MH RISER NO STEPS - 72"
- P1) 48" - MH BASE w/FLANGE (08F/08EF) - 36"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 0285

- Structure Notes:**
1. JR HOE MC-375 SELF SEALING SAN 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. **NO STEPS**

Structure Total: 15216 lb

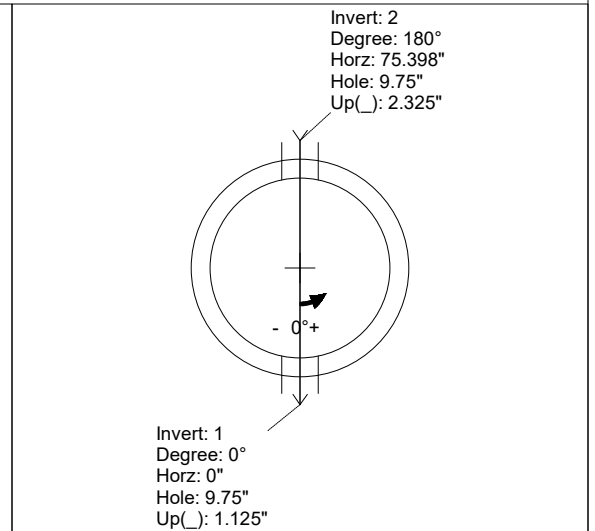
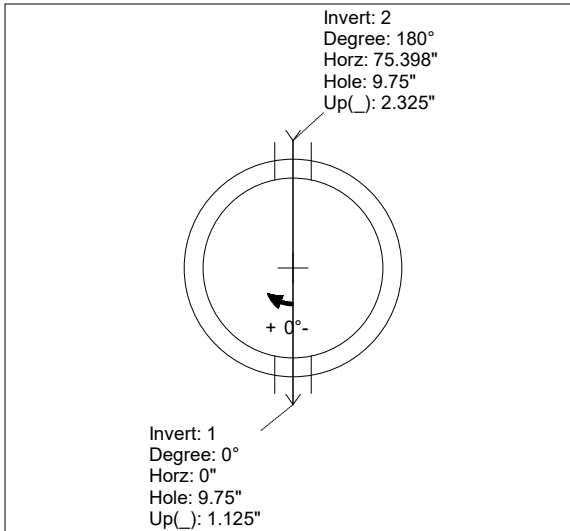
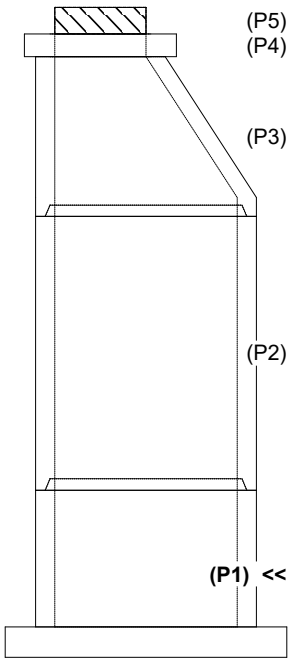
**INVERT CHANNEL DRAWING
 FULL HEIGHT INVERT**

Rim: 890.52' Rim to Invert: 13.52' Slack: 1.24" Sump: 2" Step Position:

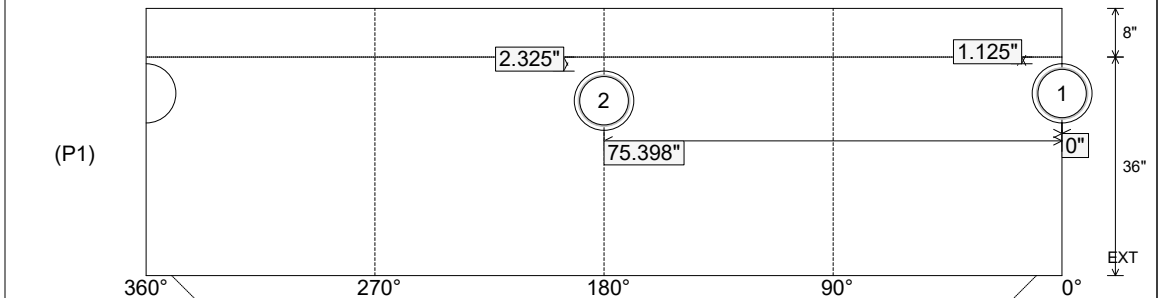
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (")	Offset
Invert 1	877'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	877.1'	180°	91.106"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	2.325"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
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: 8"

Height (Int): 36"
 Height (Ext): 44"

Weight (Net): 5339 lb
 Volume (Net): 1.36cu.yd

Job Name: 25-1431 - Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

4/28/2026 8:55:48 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: SSMH-42

P1 MH048BA30

MH BASE

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE NO STEP - 24"
- P2) 48" - MH RISER NO STEPS - 36"
- P1) 48" - MH BASE - 30"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 0285

- Structure Notes:
1. JR HOE MC-375 SELF SEALING SAN 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. **NO STEPS**

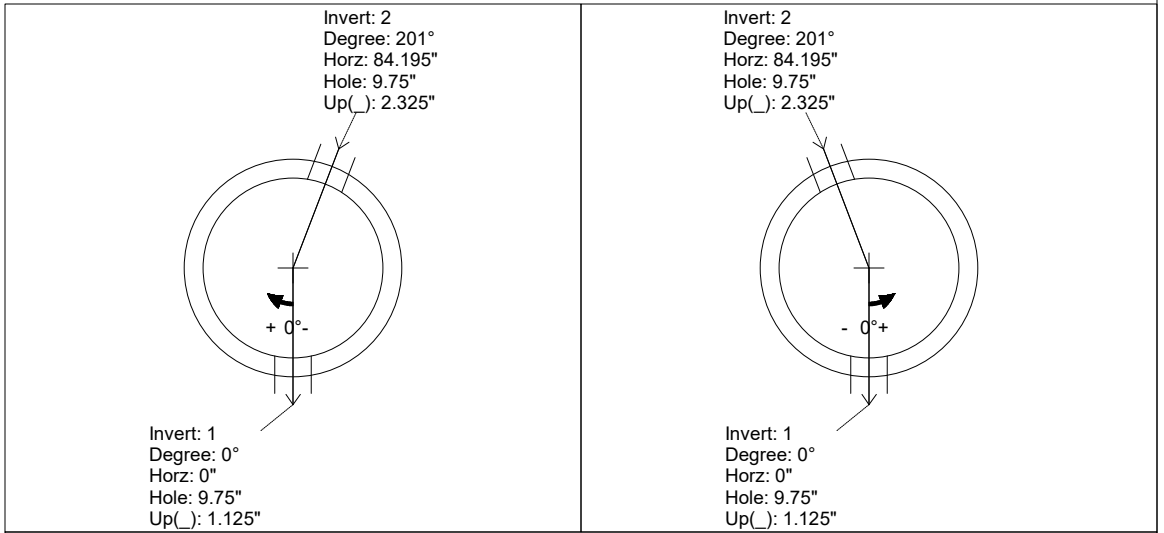
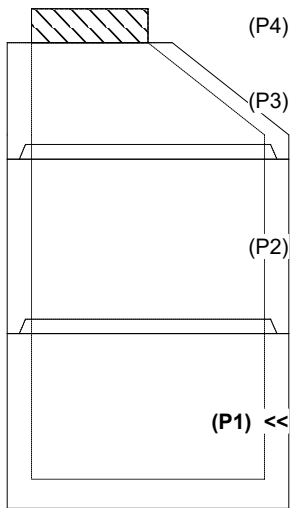
Structure Total: 8870 lb

Rim: 867.48' Rim to Invert: 8.08' Slack: 1.96" Sump: 2" Step Position:

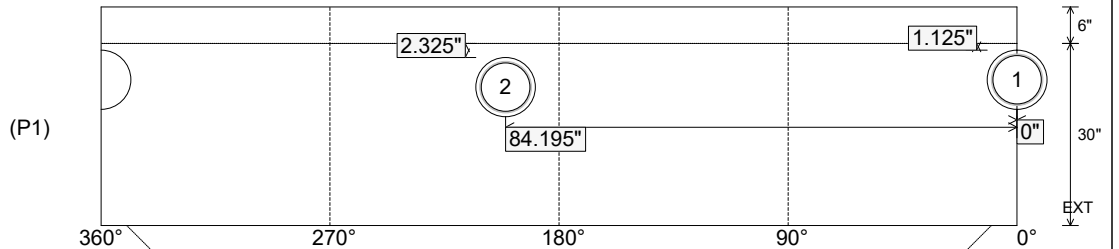
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	859.4'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	859.5'	201°	101.735"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	2.325"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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): 30" Height (Ext): 36"	Weight (Net): 3363 lb Volume (Net): 0.86cu.yd
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Job Name: 25-1431 - Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

4/28/2026 8:55:48 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: SSMH-42

P1 MH048BA30

MH BASE

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE NO STEP - 24"
- P2) 48" - MH RISER NO STEPS - 36"
- P1) 48" - MH BASE - 30"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 0285

- Structure Notes:
1. JR HOE MC-375 SELF SEALING SAN 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. **NO STEPS**

Structure Total: 8870 lb

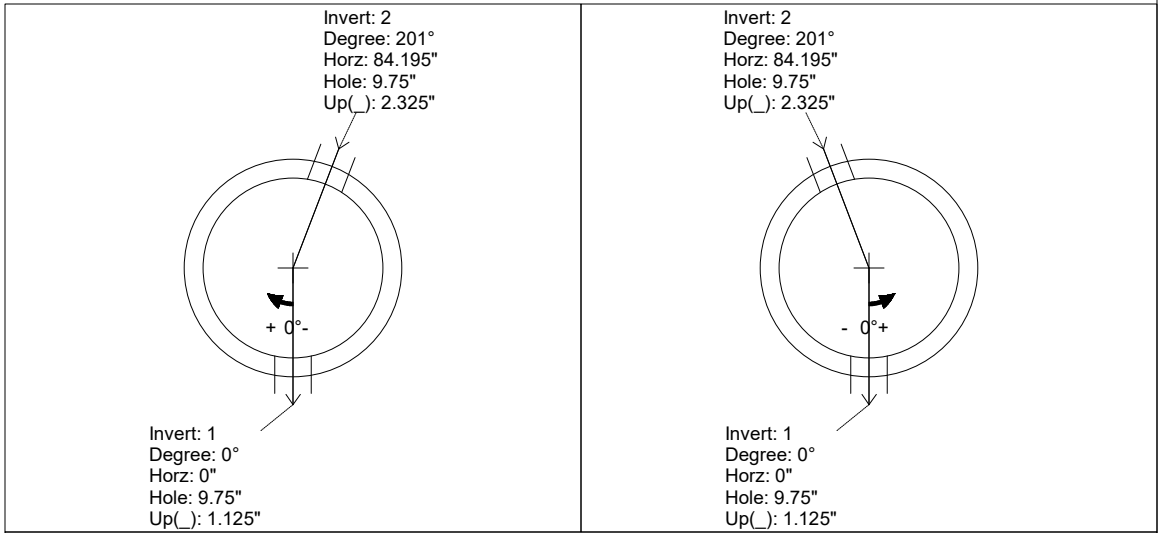
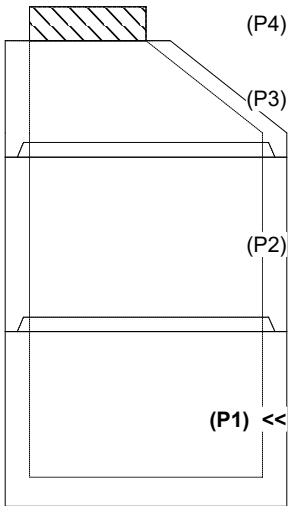
**INVERT CHANNEL DRAWING
 FULL HEIGHT INVERT**

Rim: 867.48' Rim to Invert: 8.08' Slack: 1.96" Sump: 2" Step Position:

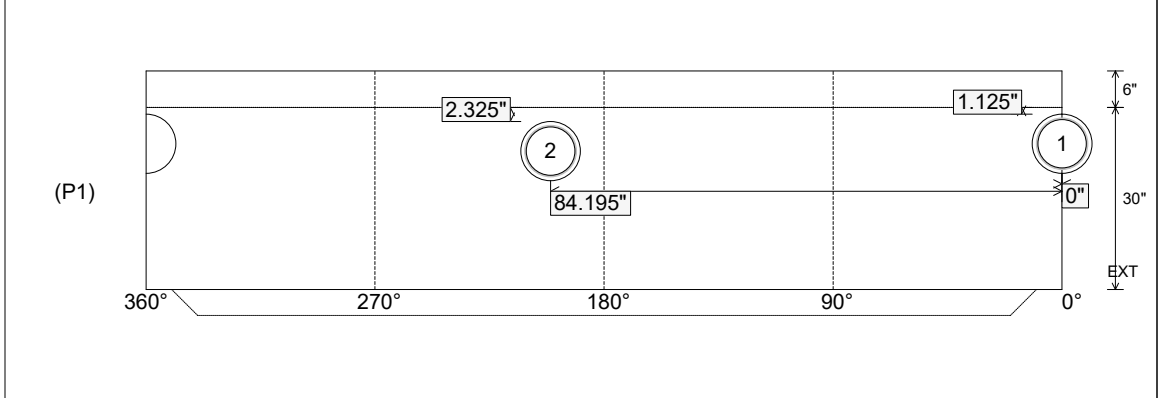
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (")	Offset
Invert 1	859.4'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	859.5'	201°	101.735"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	2.325"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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): 30" Height (Ext): 36"	Weight (Net): 3363 lb Volume (Net): 0.86cu.yd
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Job Name: 25-1431 - Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

4/28/2026 8:56:26 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: SSMH-194

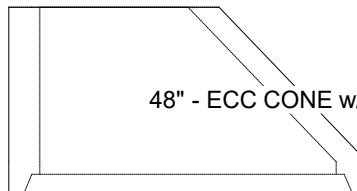
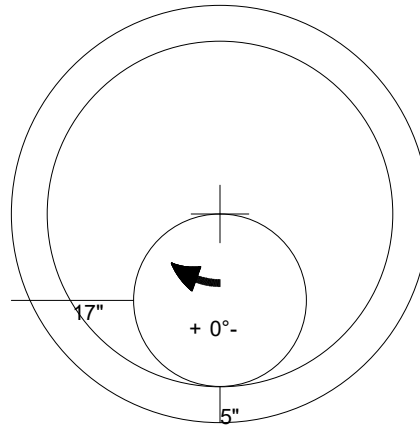
P3 MH048CN30-S

ECC CONE w/ 24" HOLE NO STEP

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE NO STEP - 30"
- P2) 48" - MH RISER NO STEPS - 60"
- P1) 48" - MH BASE w/FLANGE (08F/08EF) - 24"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 0285

- Structure Notes:
- 1. JR HOE MC-375 SELF SEALING SAN 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. **NO STEPS**

Structure Total: 12184 lb



48" - ECC CONE w/ 24" HOLE NO STEP - 30" - (P3)

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 30"

Weight (Net): 2050 lb
 Volume (Net): 0.41cu.yd

Job Name: 25-1431 - Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

4/28/2026 8:56:28 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: SSMH-198

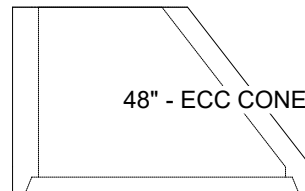
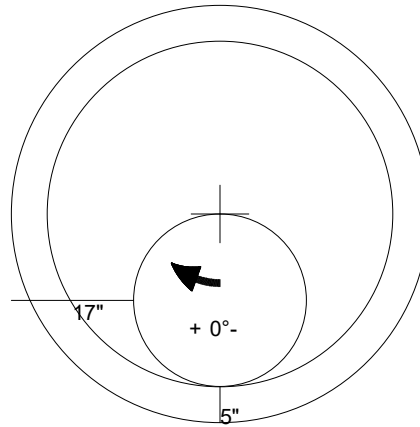
P2 MH048CN36-S

ECC CONE w/ 24" HOLE NO STEP

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING - 4"
- P2) 48" - ECC CONE w/ 24" HOLE NO STEP - 36"
- P1) 48" - MH BASE - 24"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 0285
- 1) A-Lok - 0200

- Structure Notes:**
1. JR HOE MC-375 SELF SEALING SAN 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. ****NO STEPS****

Structure Total: 7641 lb



48" - ECC CONE w/ 24" HOLE NO STEP - 36" - (P2)

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

Weight (Net): 3000 lb
 Volume (Net): 0.5cu.yd

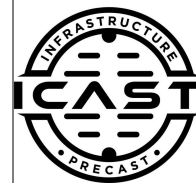
Job Name: 26-1210 Sacramento Gravity Sewer
 Job Location: Sacramento, KY
 Contractor: Scott & Ritter, Inc.

Plant: Beaver Dam

Tech: S. Felletter

4/23/2026 8:39:18 AM

PC: T. Lewis



Structure ID: DMH10-37 SS-MHD

P2 MH048RS48S-D

MH RISER w/DROP T/G

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING F/F - 3"
- P3) 48" - ECC CONE w/ 24" HOLE F/G - 30"
- P2) 48" - MH RISER w/DROP T/G - 48"
- P1) 48" - MH BASE w/DROP T/n - 30"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 DD (DBL Bands)
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC
- 9) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 202 lb
- 2050 lb
- 3329 lb
- 3306 lb
- 0 lb
- 0 lb
- 1440 lb
- 0 lb
- 16 lb
- 0 lb
- 0 lb
- 0 lb

- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY OTHERS.
 4. EXTERIOR DROP ASSEMBLY @ 192 DEGREES.

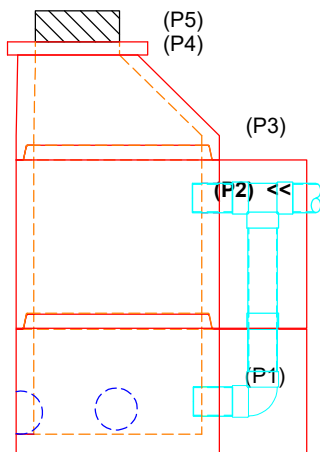
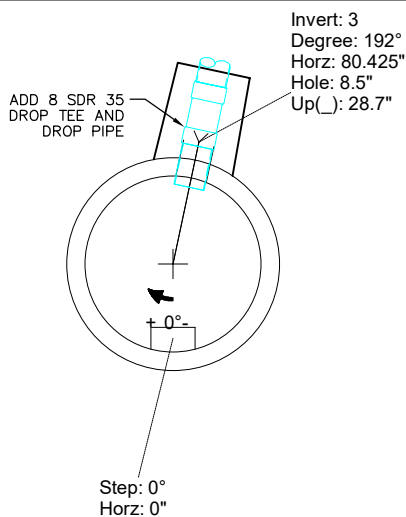
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 10344 lb

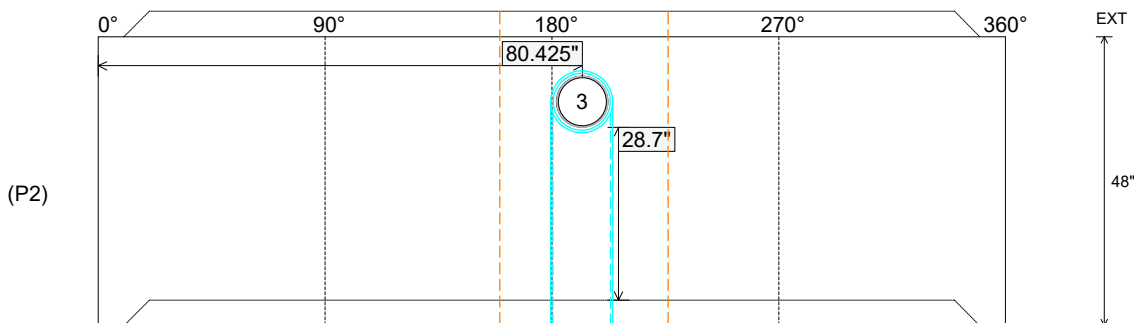
Rim: 492.82' Rim to Invert: 9.66' Slack: -0.08" Sump: 2" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3	488.26'	192°	97.18"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.545"	28.7"	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: Tongue
 Seam Dn: Groove

Wall Thickness: 5"
 Floor Height: 0"

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

Weight (Net): 3329 lb
 Volume (Net): 0.85cu.yd

Structure ID: CB10 - add 48in HT Riser

P2 MH060RS48

MH RISER F/F

- P4) 28" x 28" - CASTING HEIGHT - 6"
- P3) 60" - MH FLAT TOP w/(2) 28"x28" Holes F/F - 8"
- P2) 60" - MH RISER F/F - 48"
- P1) 60" - MH BASE Custom Ht, No Tongue F/n - 45"
- 1) CASTING - JBS 3101 Double Set (F/G/H)
- 2) 60" - SGL 1"x14.5' Butyl (2x)
- 1) Hole - 40
- 1) Hole - 22
- 1) Hole - 32
- 7) MH Step ML-10-TDS-NCR - 10"

0 lb
 1680 lb
 4997 lb
 6145 lb
 1238 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 14059 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (2ea. JBS 3101 F/G/H).

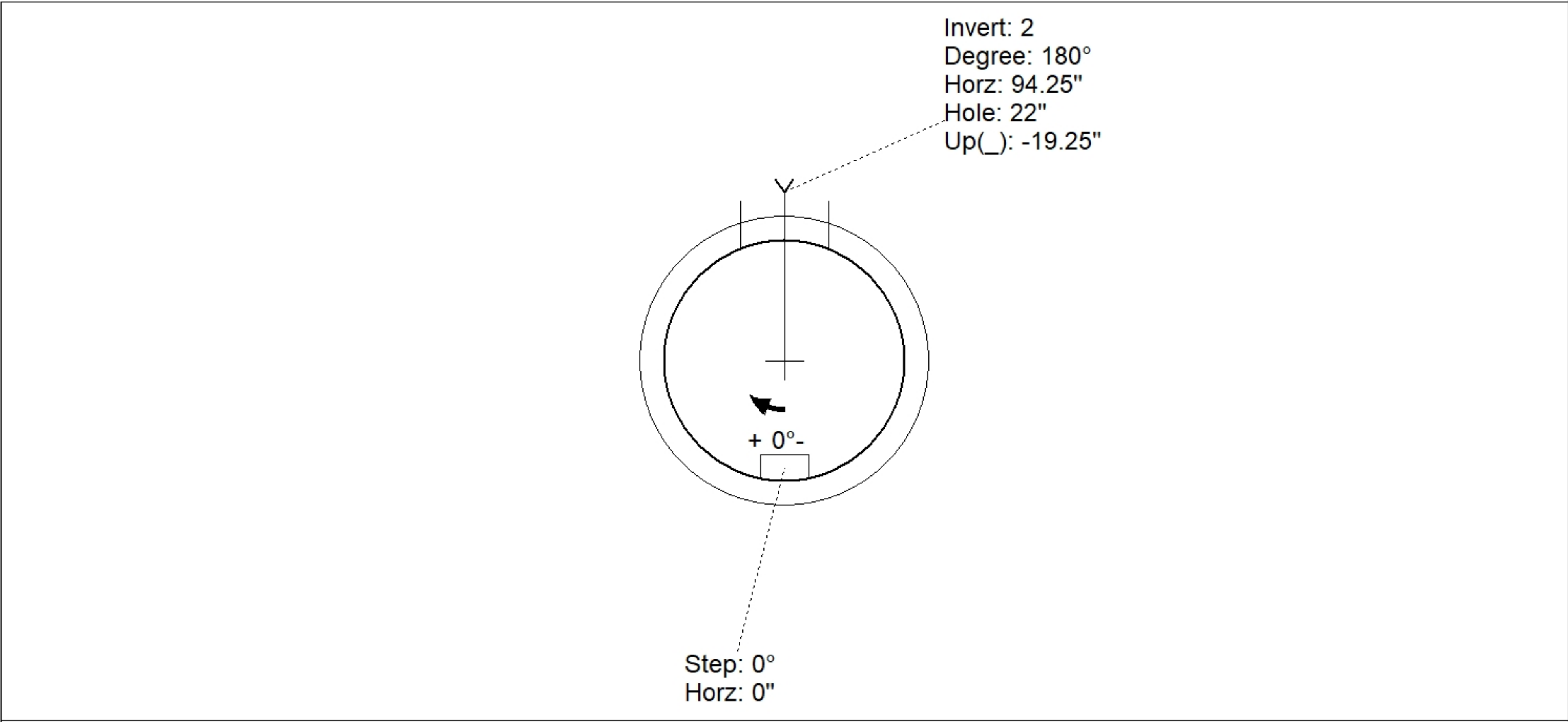
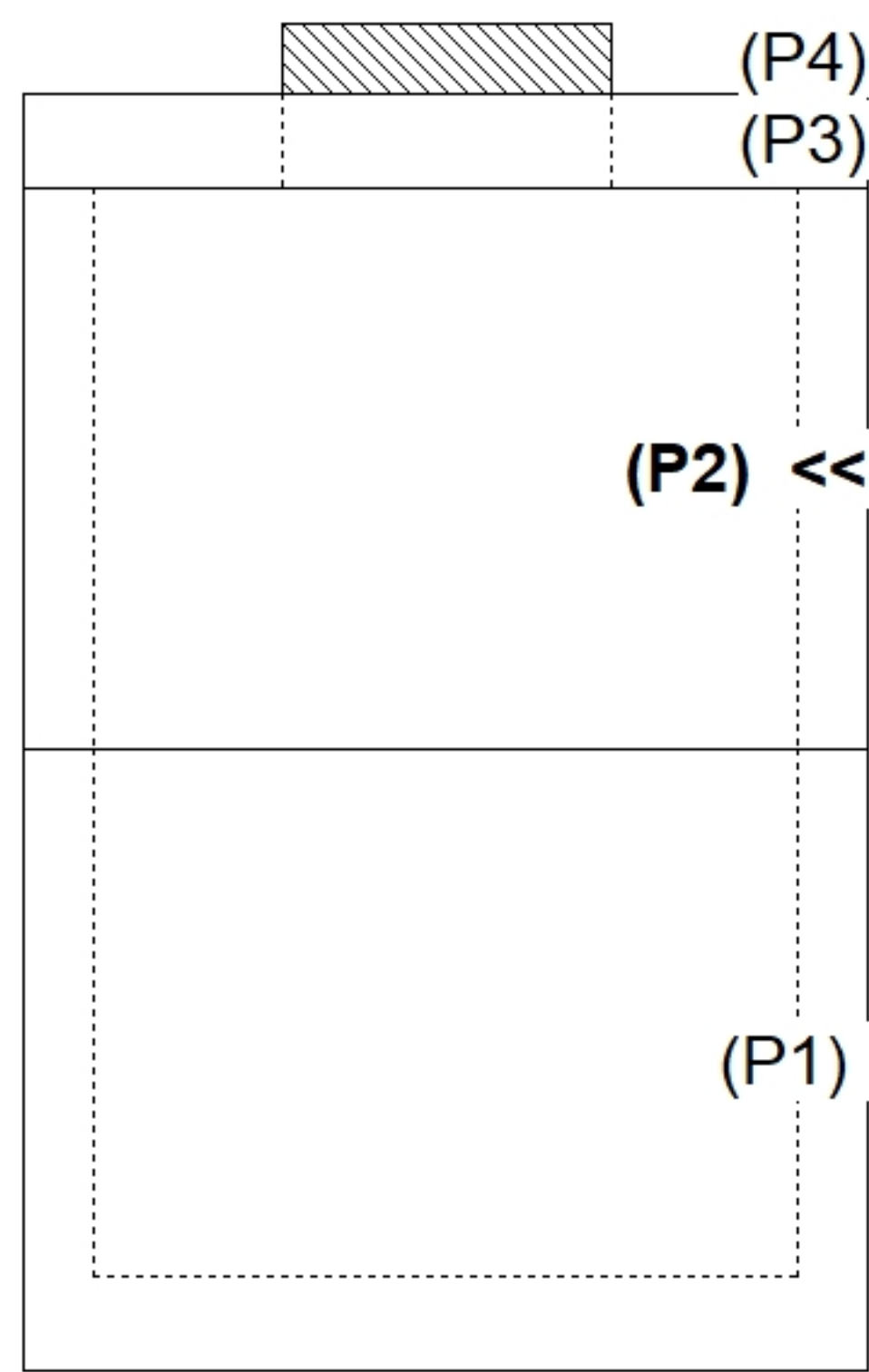
REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .18)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

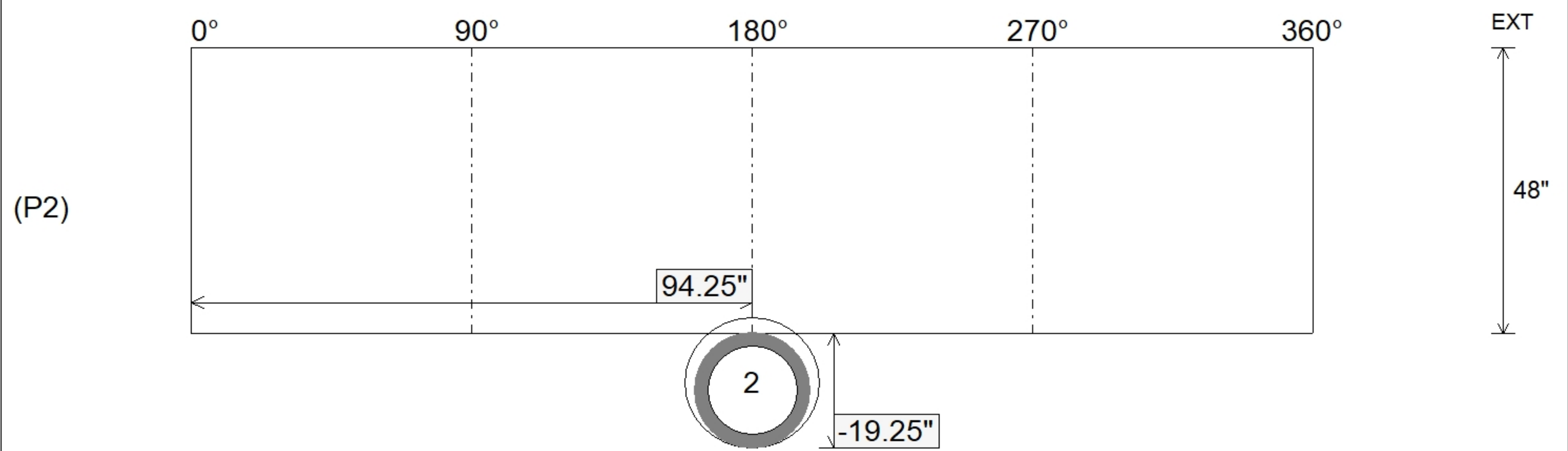
Rim: 571.83' Rim to Invert: 8.69' Slack: 0.784" Sump: 3.504" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2	565.18'	180°	113.125"	15" RCP B WALL	19.5"	Hole 22	22"	22.525"	-19.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 6" Floor Height: 0"	Height (Int): 48" Height (Ext): 48"
Coating (Ext):			Weight (Net): 4997 lb Volume (Net): 1.28cu.yd

Job Name: 25-4279 - KYTC Christian Co (251031)
 Job Location: Hopkinsville, KY
 Contractor: CITCO Water

Plant: 100
 5/8/2026 11:22:08 AM

Tech: Jared- F
 PC: C. Goff



Structure ID: FM

P1 MH060BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

- P2) 60" - MH FLAT TOP w/36"x42" Hatch w/ConBlock-CDA Red F/G - 13"
- P1) 60" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 59"
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) 60" - Conseal CS-102 1.00" (Double)
- 2) Hole - 8

1993 lb
 8842 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 10834 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. ADMIXTURE = CONBLOCK CDA RED.
 5. ALUMINUM HATCH SUPPLIED BY OTHERS & CAST IN TOP SLAB BY ICAST. CENTERED LOCATION TO BE VERIFIED.

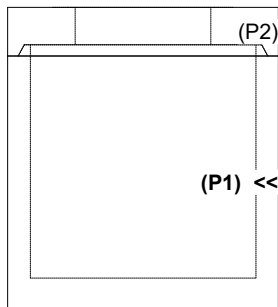
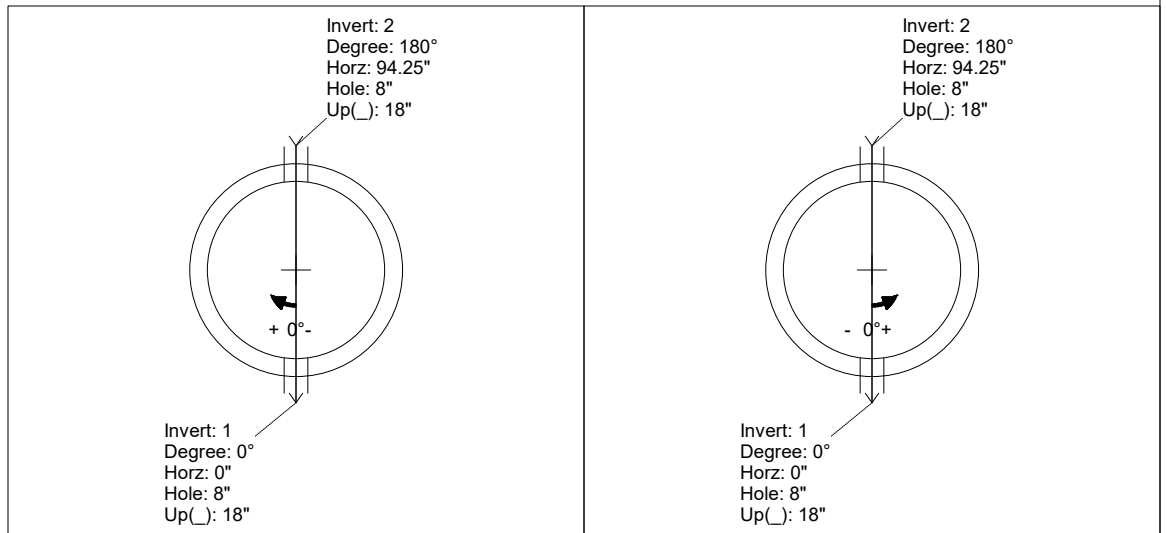
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - RISER/WALLS (As .18)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 6' Rim to Invert: 4.333' Slack: 0" Sump: 20" Step Position:

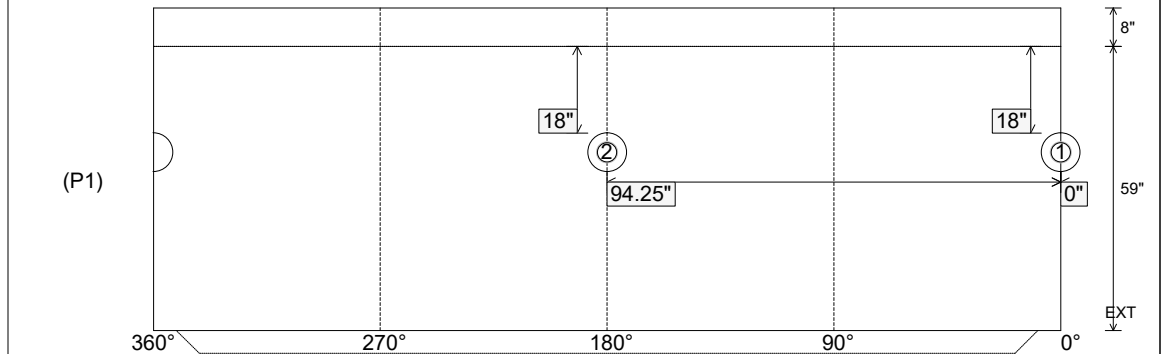
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1.667'	0°	0"	4" PVC SDR21	4.375"	Hole 8	8"	8.024"	18"	0"
Invert 2	1.667'	180°	113.125"	4" PVC SDR21	4.375"	Hole 8	8"	8.024"	18"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 59" Height (Ext): 67"	Weight (Net): 8842 lb Volume (Net): 2.26cu.yd
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Job Name: 25-3452 - Churchill Downs Skye Terrace Improvements
 Job Location: Louisville, KY 40208
 Contractor: Louisville Paving and Construction

Plant: 100
 4/30/2026 1:21:56 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S304

P1 MH060BAVF

MH BASE Custom Ht T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13"
- P2) 60" - MH RISER T/G - 42"
- P1) 60" - MH BASE Custom Ht T/n - 70"
- 1) CASTING - HOE MC-420 F/C Storm
- 2) 60" - Conseal CS-102 1.00"
- 2) Hole - 44
- 1) Hole - 14
- 10) MH Step ML-10-TDS-NCR - 10"

0 lb
 2869 lb
 4384 lb
 8280 lb
 340 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 15873 lb

- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE MC-420 F/C STORM)

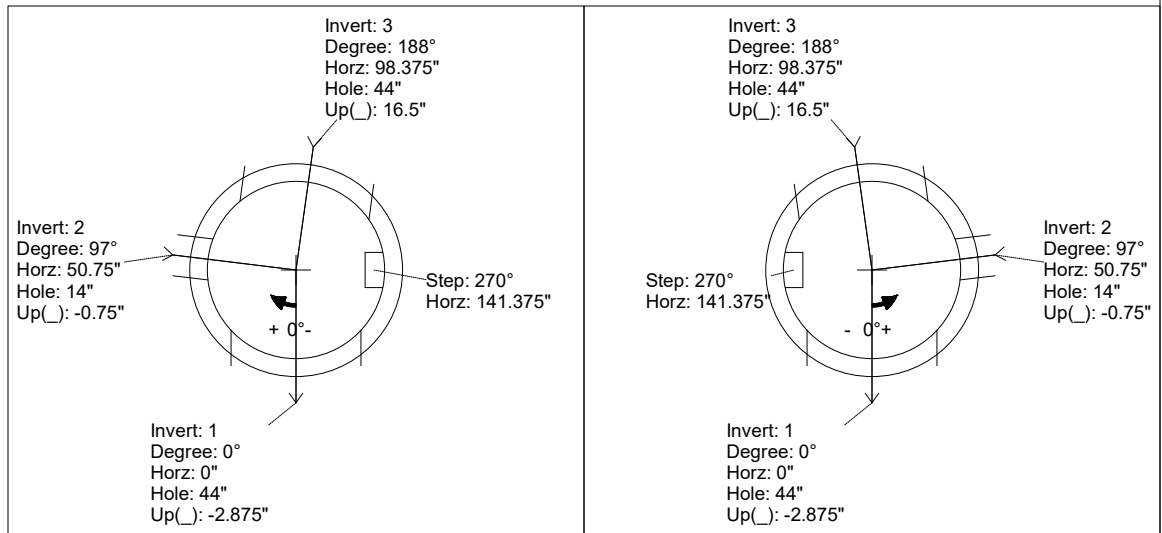
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 455.95' Rim to Invert: 11.07' Slack: 0.84" Sump: 0" Step Position: 270°

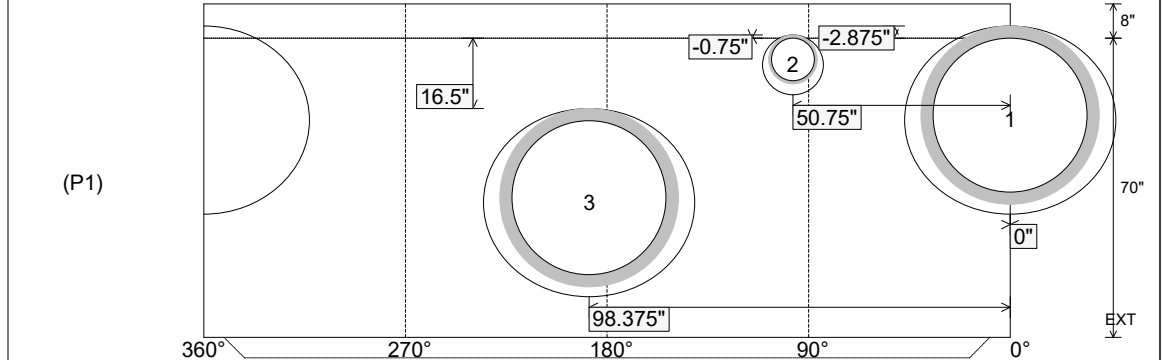
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	444.88'	0°	0"	36" HDPE	41.7"	Hole 44	44"	49.393"	-2.875"	0"
Invert 2	444.88'	97°	61"	10" HDPE	11.4"	Hole 14	14"	14.13"	-0.75"	0"
Invert 3	446.49'	188°	118.125"	36" HDPE	41.7"	Hole 44	44"	49.393"	16.5"	0"
Invert 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: 6" Floor Height: 8"	Height (Int): 70" Height (Ext): 78"	Weight (Net): 8280 lb Volume (Net): 2.12cu.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 11:39:21 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301531

P2 MH060TS15-48ECC

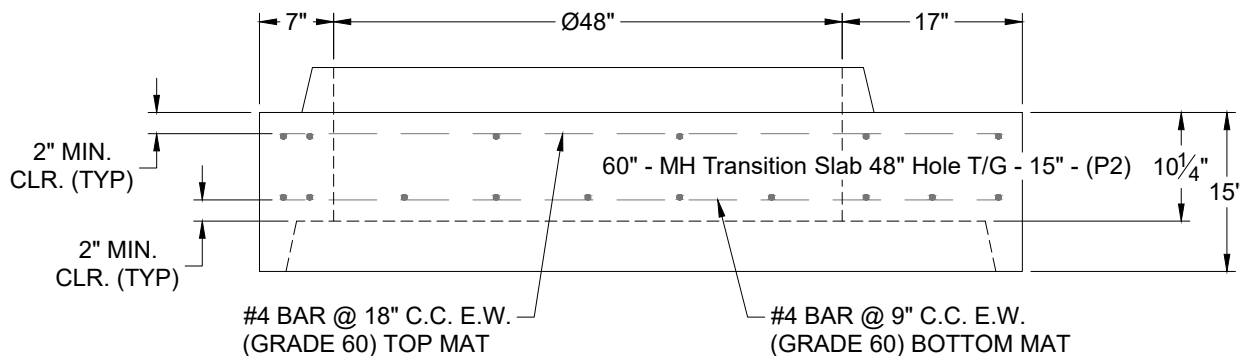
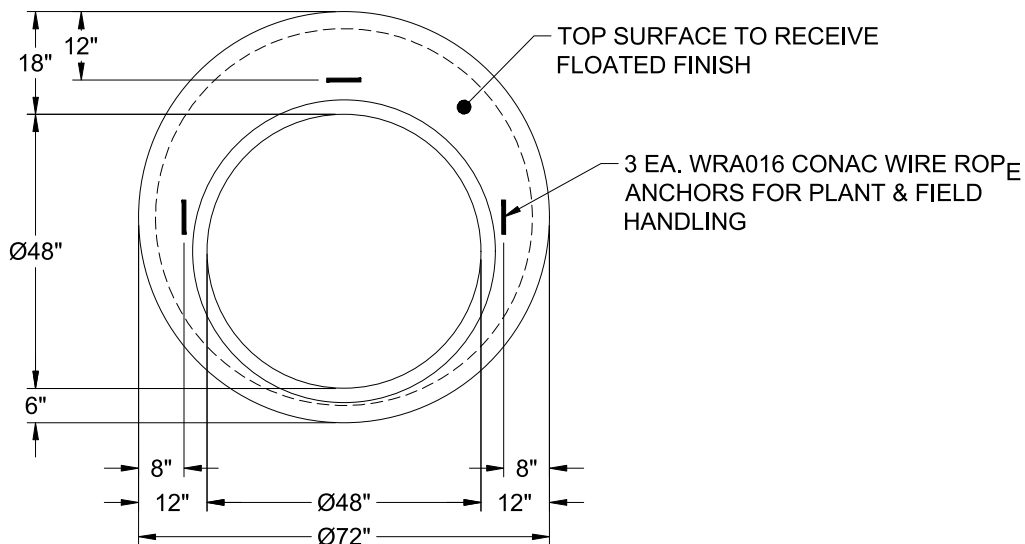
MH Transition Slab 48" Hole T/G

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - CON CONE w/24" HOLE F/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)
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 8) MH Step ML-10-TDS-NCR - 10"

0 lb
 2252 lb
 2204 lb
 8895 lb
 2692 lb
 0 lb
 0 lb
 2 lb
 0 lb

 Structure Total: 16045 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
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Job Name: 25-4279 - KYTC Christian Co (251031)
 Job Location: Hopkinsville, KY
 Contractor: CITCO Water

Plant: 100
 5/11/2026 6:34:12 PM

Tech: Jared- F
 PC: C. Goff



Structure ID: WW

P1 MH072BAEVF-CDARED

MH BASE EF Cust. Ht. 8" F (7" EF = 100" OD) w/ ConBlock CDA RED

- P4) 72" - MH FLAT TOP w/42"x42" Hatch w/ConBlock-CDA Red - 15"
- P3) 72" - MH RISER w/ConBlock-CDA Red - 72"
- P2) 72" - MH RISER Custom Ht. w/ConBlock-CDA Red - 75"
- P1) 72" - MH BASE EF Cust. Ht. 8" F (7" EF = 100" OD) w/ ConBlock CDA RED - 54"
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) JOINT WRAP - 12" WD x 072" MAC WRAP
- 1) SECONDARY POUR - EXT. FLANGE
- 3) 72" - Conseal CS-231 1.00" (Double)
- 3) Hole - 4
- 2) Hole - 12

3774 lb
 10473 lb
 10800 lb
 13144 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 38192 lb

Structure Notes:

1. PER ASCTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,500 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. ALUMINUM HATCH SUPPLIED BY OTHERS & CAST IN TOP SLAB BY ICAST. CENTERED LOCATION TO BE VERIFIED.
- REINFORCING PER ASTM A615 (GRADE 60)
 - TOP SLAB TOP LAYER= #5 BARS AT 12" C/C.
 - TOP SLAB BTM LAYER= #5 BARS AT 6" C/C.
 - RISER/WALLS (As .24)
 - BTM SLAB - DBL MAT #4 BARS AT 12" C/C.

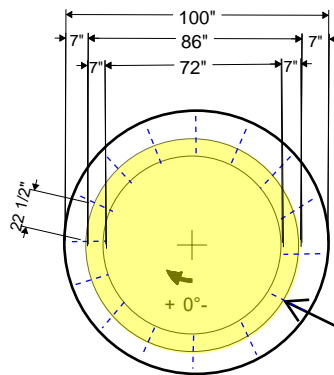
Rim: 565' Rim to Invert: 12.5' Slack: 0" Sump: 66" Step Position:

FIRST POUR DRAWING

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	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)

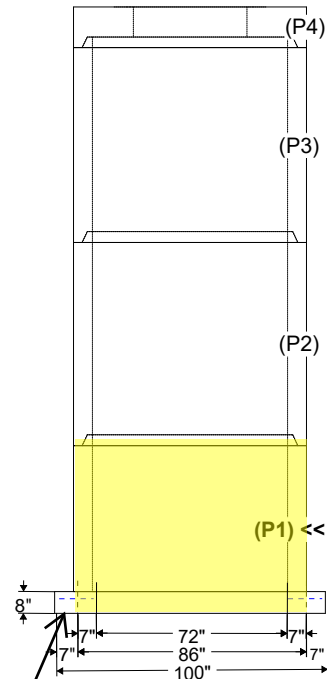
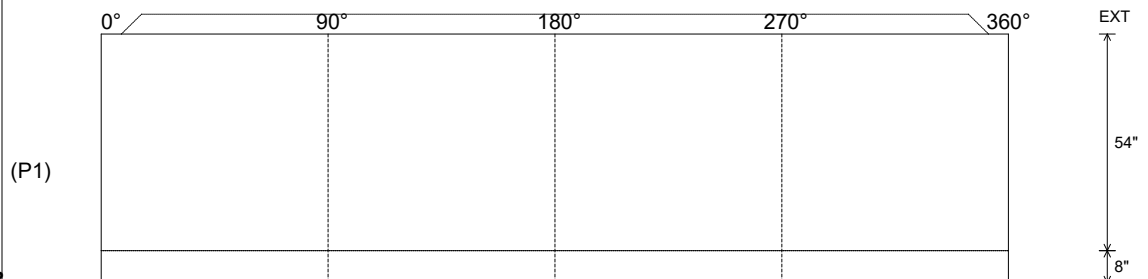


WEIGHTS

FIRST POUR - 11,771 LBS
SECOND POUR - 1,373 LBS
TOTAL - 13,144 LBS

DRILL & STUB 12EA #5 BARS AT 10" LONG 22 1/2" C-C AROUND THE PERIMETER OF WET WELL FOR FLANGE POUR. 4" MIN. PENETRATION INTO THE BASE REQUIRED.

INSIDE WALL DIMENSIONS



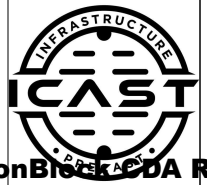
DRILL & STUB 12EA #5 BARS AT 10" LONG 22 1/2" C-C AROUND THE PERIMETER OF WET WELL FOR FLANGE POUR. 4" MIN. PENETRATION INTO THE BASE REQUIRED.

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 7" Floor Height: 8"	Height (Int): 54" Height (Ext): 62"	Weight (Net): 13144 lb Volume (Net): 3.36cu.yd
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Job Name: 25-4279 - KYTC Christian Co (251031)
 Job Location: Hopkinsville, KY
 Contractor: CITCO Water

Plant: 100
 5/11/2026 6:34:12 PM

Tech: Jared- F
 PC: C. Goff



Structure ID: WW

P1 MH072BAEVF-CDARED

MH BASE EF Cust. Ht. 8" F (7" EF = 100" OD) w/ ConBlock-CDA RED

P4) 72" - MH FLAT TOP w/42"x42" Hatch w/ConBlock-CDA Red - 15"	3774 lb
P3) 72" - MH RISER w/ConBlock-CDA Red - 72"	10473 lb
P2) 72" - MH RISER Custom Ht. w/ConBlock-CDA Red - 75"	10800 lb
P1) 72" - MH BASE EF Cust. Ht. 8" F (7" EF = 100" OD) w/ ConBlock CDA RED - 54"	13144 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
1) JOINT WRAP - 12" WD x 072" MAC WRAP	0 lb
1) SECONDARY POUR - EXT. FLANGE	0 lb
3) 72" - Conseal CS-231 1.00" (Double)	0 lb
3) Hole - 4	0 lb
2) Hole - 12	0 lb
Structure Total:	38192 lb

Structure Notes:
 1. PER ASCTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,500 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. ALUMINUM HATCH SUPPLIED BY OTHERS & CAST IN TOP SLAB BY ICAST. CENTERED LOCATION TO BE VERIFIED.

REINFORCING PER ASTM A615 (GRADE 60)
 - TOP SLAB TOP LAYER= #5 BARS AT 12" C/C.
 - TOP SLAB BTM LAYER= #5 BARS AT 6" C/C.
 - RISER/WALLS (As .24)
 - BTM SLAB - DBL MAT #4 BARS AT 12" C/C.

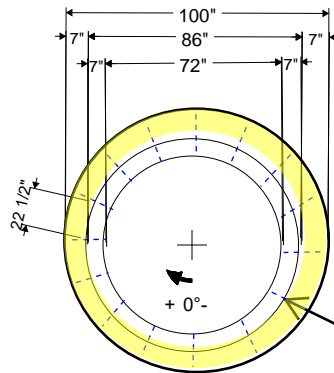
Rim: 565' Rim to Invert: 12.5' Slack: 0" Sump: 66" Step Position:

SECOND POUR DRAWING

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	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)

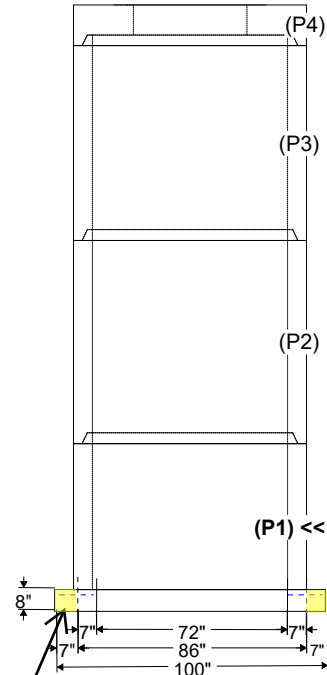
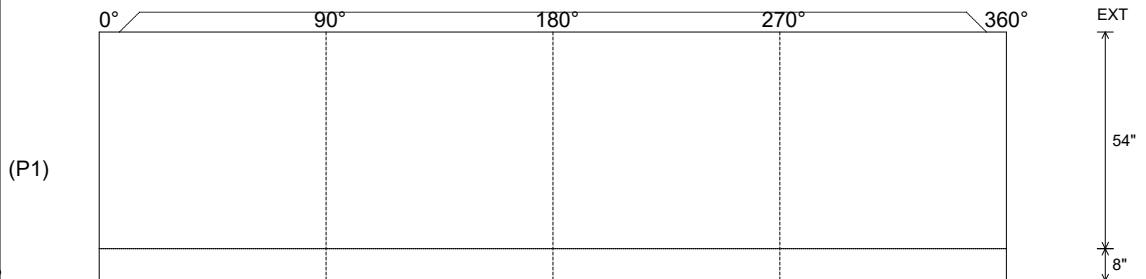


WEIGHTS

FIRST POUR - 11,771 LBS
SECOND POUR - 1,373 LBS
TOTAL - 13,144 LBS

DRILL & STUB 12EA #5 BARS AT 10" LONG 22 1/2" C-C AROUND THE PERIMETER OF WET WELL FOR FLANGE POUR. 4" MIN. PENETRATION INTO THE BASE REQUIRED.

INSIDE WALL DIMENSIONS



DRILL & STUB 12EA #5 BARS AT 10" LONG 22 1/2" C-C AROUND THE PERIMETER OF WET WELL FOR FLANGE POUR. 4" MIN. PENETRATION INTO THE BASE REQUIRED.

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 7" Floor Height: 8"	Height (Int): 54" Height (Ext): 62"	Weight (Net): 13144 lb Volume (Net): 3.36cu.yd
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Job Name: 25-4279 - KYTC Christian Co (251031)
 Job Location: Hopkinsville, KY
 Contractor: CITCO Water

Plant: 100
 5/11/2026 6:34:35 PM

Tech: Jared- F
 PC: C. Goff



Structure ID: WW

P2 MH072RSVFCDARED

MH RISER Custom Ht, w/ConBlock-CDA Red T/G

P4) 72" - MH FLAT TOP w/42"x42" Hatch w/ConBlock-CDA Red - 15"	3774 lb
P3) 72" - MH RISER w/ConBlock-CDA Red - 72"	10473 lb
P2) 72" - MH RISER Custom Ht, w/ConBlock-CDA Red - 75"	10800 lb
P1) 72" - MH BASE EF Cust. Ht. 8'F (7"EF =100"OD) w/ ConBlock CDA RED - 54"	13144 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
1) JOINT WRAP - 12" WD x 072" MAC WRAP	0 lb
1) SECONDARY POUR - EXT. FLANGE	0 lb
3) 72" - Conseal CS-231 1.00" (Double)	0 lb
3) Hole - 4	0 lb
2) Hole - 12	0 lb
Structure Total:	38192 lb

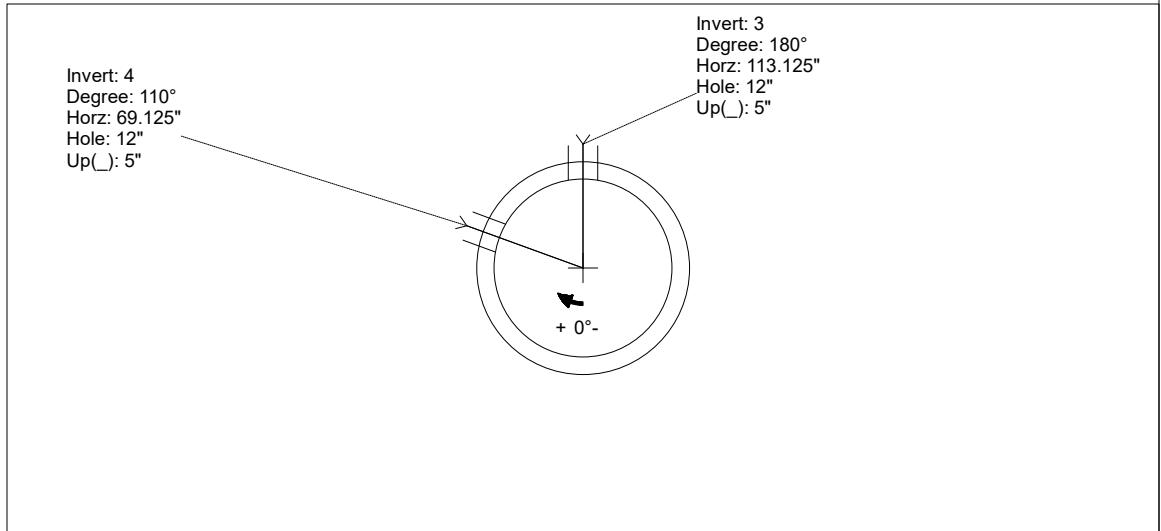
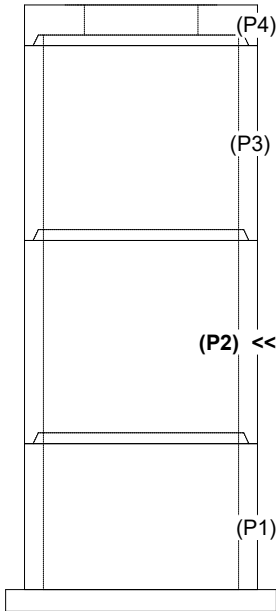
Structure Notes:
 1. PER ASCTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,500 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. ALUMINUM HATCH SUPPLIED BY OTHERS & CAST IN TOP SLAB BY ICAST. CENTERED LOCATION TO BE VERIFIED.

REINFORCING PER ASTM A615 (GRADE 60)
 - TOP SLAB TOP LAYER= #5 BARS AT 12" C/C.
 - TOP SLAB BTM LAYER= #5 BARS AT 6" C/C.
 - RISER/WALLS (As .24)
 - BTM SLAB - DBL MAT #4 BARS AT 12" C/C.

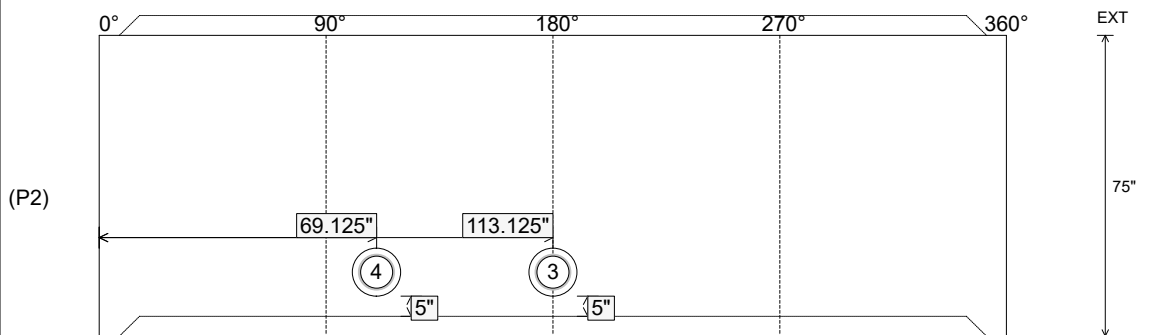
Rim: 565' Rim to Invert: 12.5' Slack: 0" Sump: 66" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3	552.5'	180°	135.125"	8" DI	9"	Hole 12	12"	12.056"	5"	0"
Invert 4	552.5'	110°	82.5"	8" DI	9"	Hole 12	12"	12.056"	5"	0"
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): 75"
 Height (Ext): 75"

Weight (Net): 10800 lb
 Volume (Net): 2.76cu.yd

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 11:40:45 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301562

P2 MH072TS15-48ECC

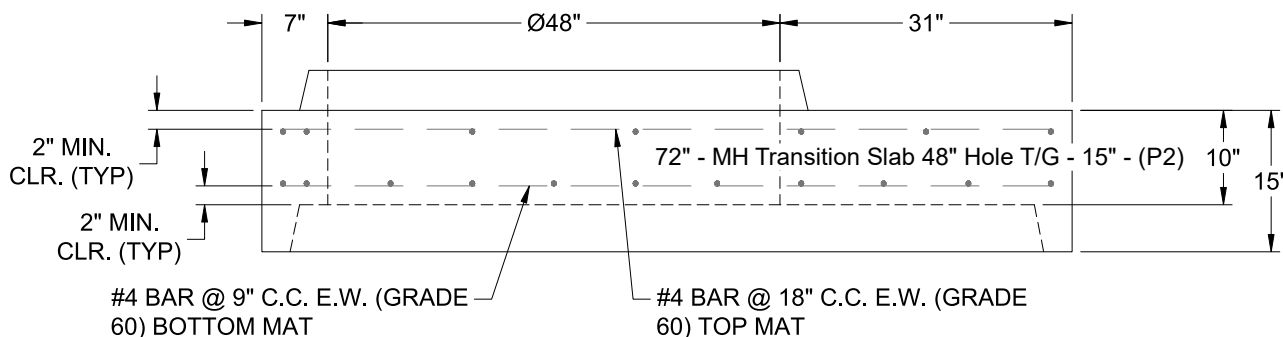
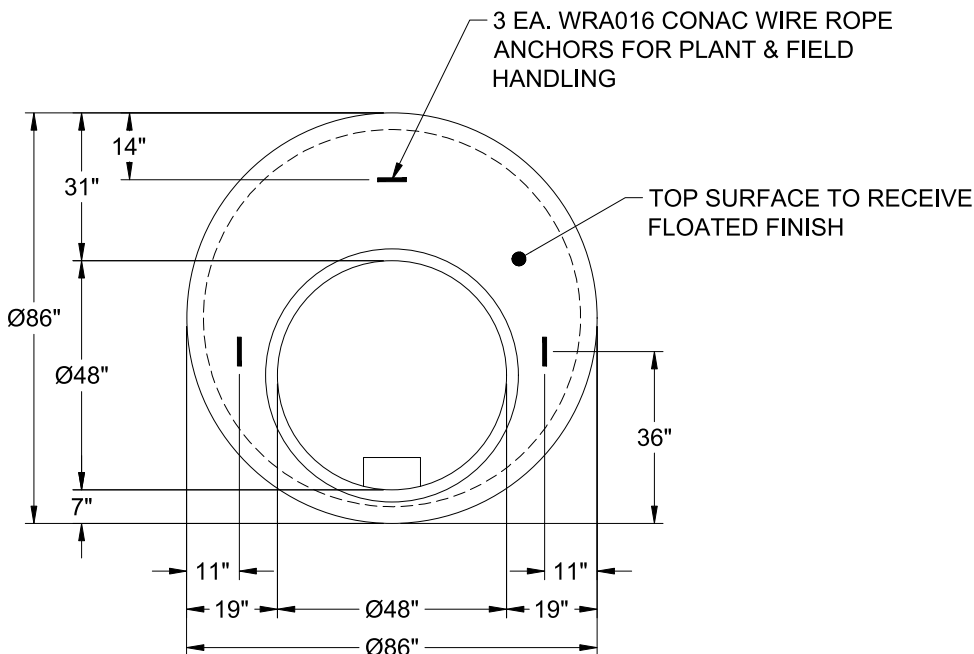
MH Transition Slab 48" Hole T/G

- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - CON CONE w/24" HOLE F/G - 36"
- P3) 48" - MH RISER T/G - 60"
- P2) 72" - MH Transition Slab 48" Hole T/G - 15"
- P1) 72" - MH BASE (10"F) Custom Ht T/n - 67"
- 1) 72" - MH INVERT CHANNEL - FULL HEIGHT
- 1) 72" - 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
 4192 lb
 3864 lb
 13101 lb
 5422 lb
 0 lb
 0 lb
 2 lb
 0 lb

 Structure Total: 28833 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. STEPS REQUIRED
 5. 7" CASTING SUPPLIED BY OTHERS
 6. LIFTERS: 3 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
 7. TOP SURFACE TO RECEIVE FLOATED FINISH



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 7"

Height (Ext): 15"

Weight (Net): 3864 lb
 Volume (Net): 0.99cu.yd

Structure ID: 10-CS-8

P3 MH096RS36

MH RISER T/G

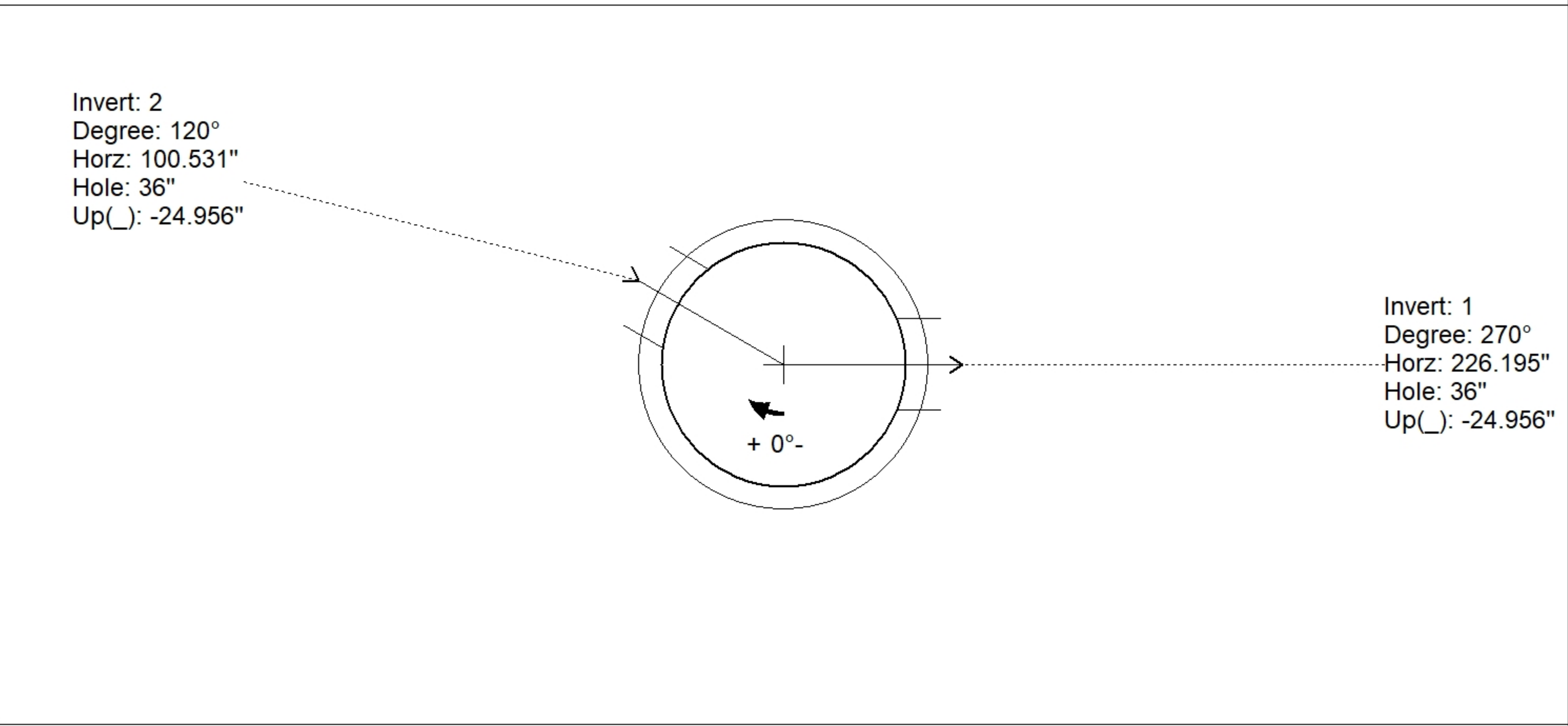
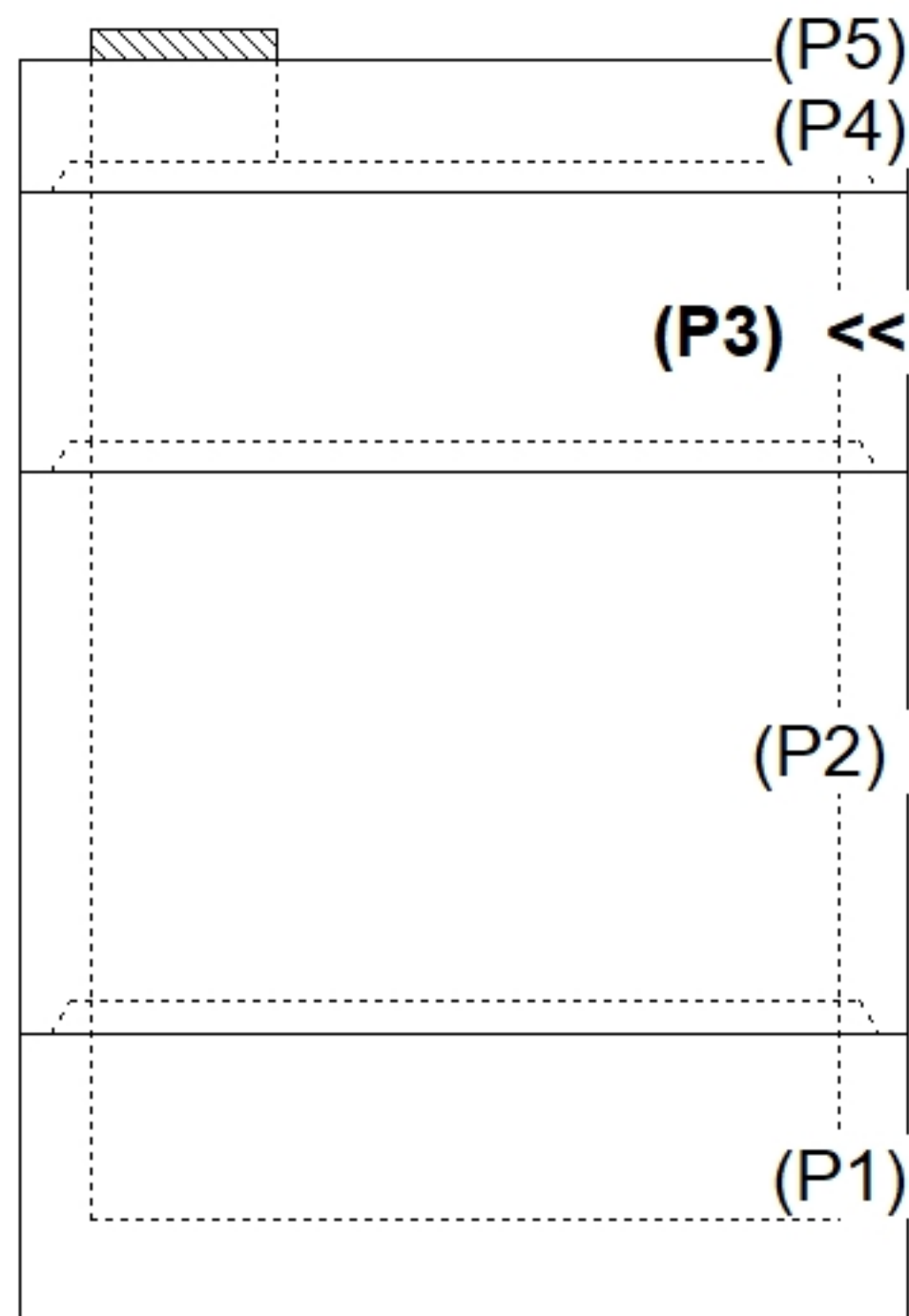
P5) 24" - CASTING HEIGHT - 4" P4) 96" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 17" P3) 96" - MH RISER T/G - 36" P2) 96" - MH RISER T/G - 72" P1) 96" - MH MONOBASE 13F, Custom Ht T/n - 24" 1) CVSTENCILING 1) ASSEMBLY REQUIRED 3) 96" - Conseal CS-102 1.00" 2) Hole - 36	0 lb 10015 lb 8292 lb 17043 lb 17113 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 52463 lb
---	---

Structure Notes: 4" CASTING BY OTHERS LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE ICAST TO INSTALL INTERNALS CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE P2 & P3 RISERS TO BE MECHANICALLY ATTACHED PRIOR TO INSTALL

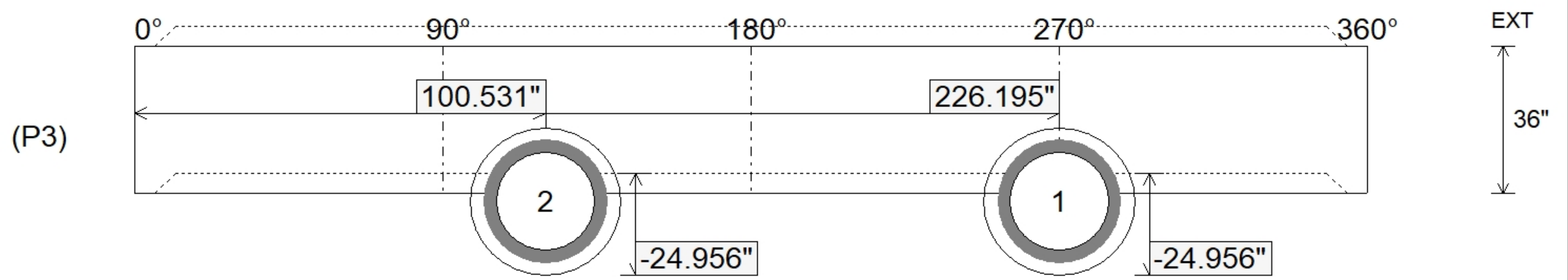
Rim: 928.26' Rim to Invert: 7.2' Slack: 15.444" Sump: 82.044" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	921.06'	270°	268.606"	24" RCP B WALL	30"	Hole 36	36"	36.902"	-24.956"	0"
Invert 2	921.06'	120°	119.381"	24" RCP B WALL	30"	Hole 36	36"	36.902"	-24.956"	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: 9" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 8292 lb Volume (Net): 2.12cu.yd
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Structure ID: 20-CS-8

P1 MH096BAVF

MH MONOBASE 13F, Custom Ht T/n

P5) 24" - CASTING HEIGHT - 0" P4) 96" - MH FLAT TOP SPEC. (2 - 24"Ø F&G) F/G - 17" P3) 96" - MH RISER T/G - 36" P2) 96" - MH RISER Custom Ht T/G - 82" P1) 96" - MH MONOBASE 13F, Custom Ht T/n - 24" 1) CVSTENCILING 1) ASSEMBLY REQUIRED 3) 96" - Conseal CS-102 1.00" 2) Hole - 24	0 lb 10017 lb 8968 lb 19728 lb 17113 lb 0 lb 0 lb 0 lb 0 lb ----- 55826 lb	Structure Notes: 4" CASTING BY OTHERS CASTING FRAMES TO BE CAST INTO TOP SLAB 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
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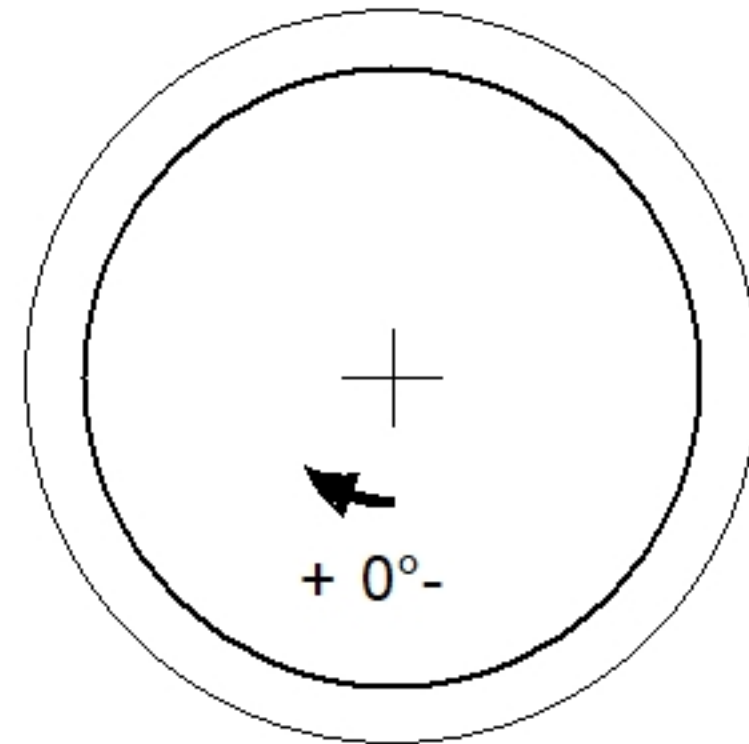
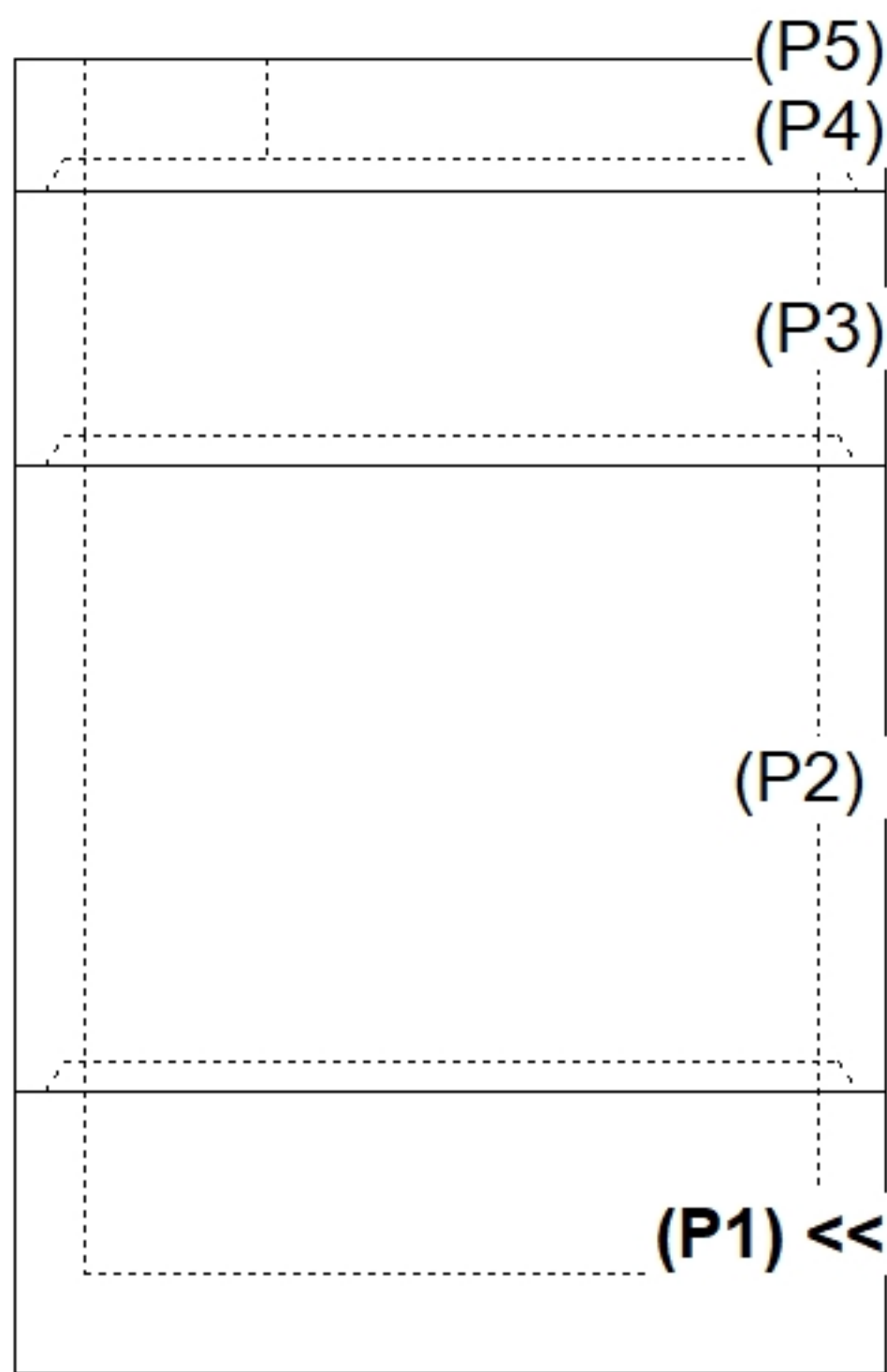
Structure Total: 55826 lb

Rim: 802.25' Rim to Invert: 6.4' Slack: -0.156" Sump: 82.044" Step Position:

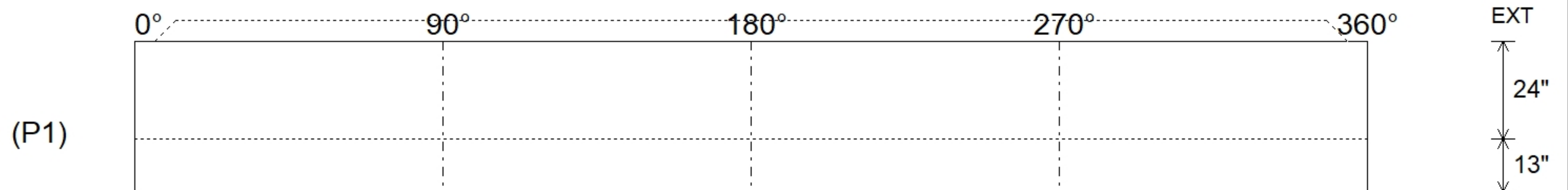
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	Wall Thickness: 9"	Height (Int): 24"
Coating (Ext):	Seam Dn: n/a	Floor Height: 13"	Height (Ext): 37"
		Weight (Net): 17113 lb	
		Volume (Net): 4.37cu.yd	

Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315)	Plant: 100	Tech: J. Horsley - A	
Job Location: Indiana, KY Contractor: Louisville Paving and Construction	5/12/2026 1:01:08 PM	PC: J. Jarvis	

Structure ID: 122

P2 BX1818-06RVF

BOX RISER 6inW, Variable Ht F/G

- P3) 18" x 18" - CASTING HEIGHT - 4"
- P2) 18" x 18" - BOX RISER 6inW, Variable Ht F/G - 14"
- P1) 18" x 18" - BOX BASE 6inW, 6inF T/n - 24"
- 2) 18" x 18" - Conseal CS-102 1.00"
- 1) Hole - 16

0 lb
 677 lb
 1512 lb
 0 lb
 0 lb

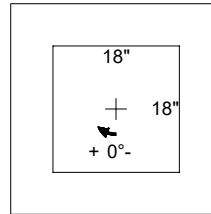
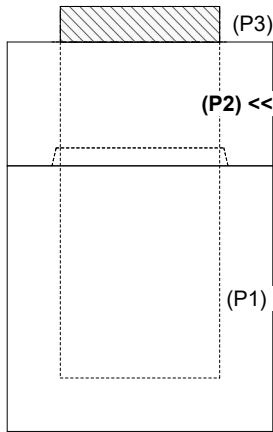
 Structure Total: 2189 lb

- Structure Notes:
1. PER MSD YARD DRAIN / ASTM C-913 SPECS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STEPS
 5. HOE 165-A FRAME & GRATE SUPPLIED BY OTHERS

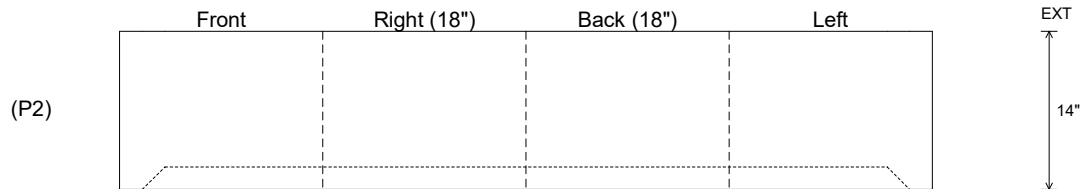
Rim: 566.1' Rim to Invert: 3.5' Slack: 0" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 6" Floor Height: 0"	Height (Int): 14" Height (Ext): 14"	Weight (Net): 677 lb Volume (Net): 0.17cu.yd
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Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315)	Plant: 100	Tech: J. Horsley - A	
Job Location: Indiana, KY Contractor: Louisville Paving and Construction	5/12/2026 12:59:21 PM	PC: J. Jarvis	

Structure ID: 78

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
- 1) Hole - 18
- 2) Hole - 4

0 lb
963 lb
4408 lb
0 lb
0 lb
0 lb
0 lb
0 lb

0 lb

Structure Total: 5371 lb

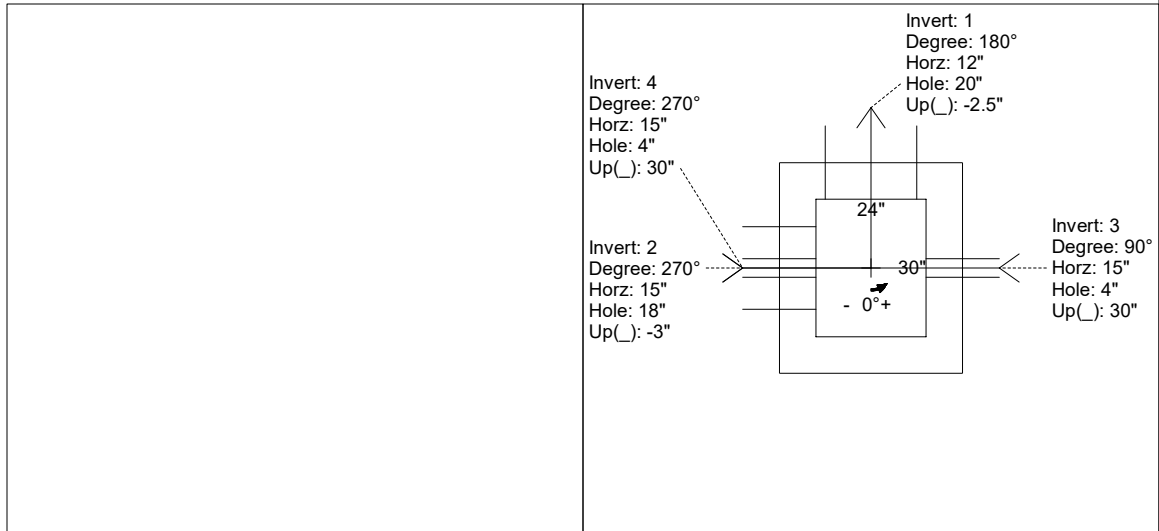
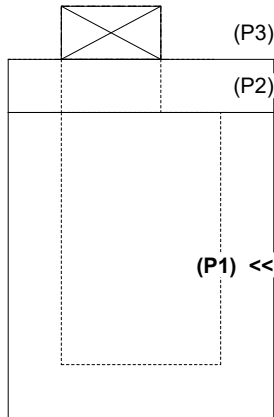
- Structure Notes:
****KYTC STATE PROJECT****
 1. PER KYTC DBI TYPE 13G / ASTM C-913 SPECS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE KY-230G FRAME & GRATE SUPPLIED BY OTHERS

Rim: 552.12' Rim to Invert: 4.5' Slack: 0" Sump: 0" Step Position:

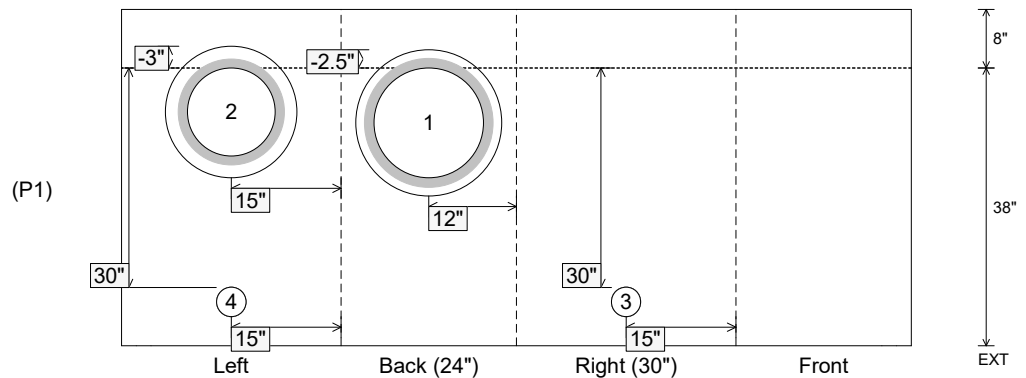
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	547.62'	180°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2	547.62'	270°	23"	12" HDPE	14.5"	Hole 18	18"	18"	-3"	0"
Invert 3	550.12'	90°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	30"	0"
Invert 4	550.12'	270°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	30"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 38" Height (Ext): 46"	Weight (Net): 4408 lb Volume (Net): 1.13cu.yd
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Job Name: 25-3310 - Mammoth Cave NP-MACA 12
 Job Location: Mammoth Cave , KY
 Contractor: Phillips Brothers

Plant: 100
 5/5/2026 5:08:08 PM

Tech: J. Horsley - F
 PC: C. Goff



Structure ID: IN7B

P1 BX3648-08BAVF

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

- P2) 36" x 48" - P.I.P. - BY OTHERS - 8"
- P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 49"
- 1) 36" x 48" - Conseal CS-102 1.00"
- 1) Hole - 32
- 1) Hole - 26

0 lb
 7916 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 7916 lb

- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING SUPPLIED BY OTHERS - KY-410
 5. #5 BAR DOWELS @ 12" O.C. STUBBED 20" OUT THE TOP OF WALLS.

REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 6" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 6" C.C.E.W.

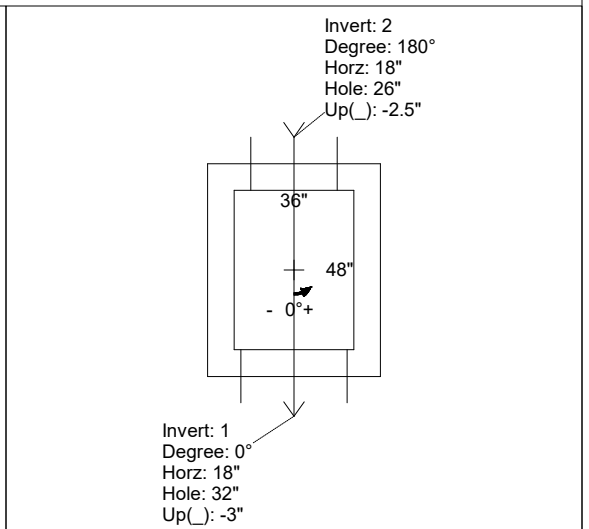
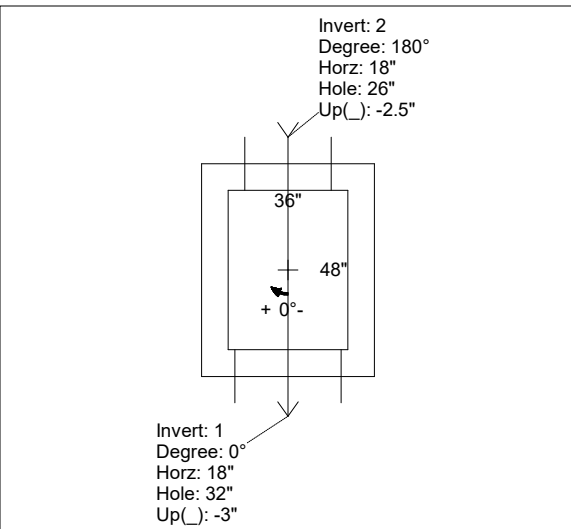
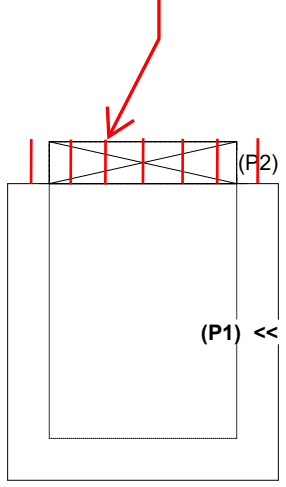
Rim: 739.27' Rim to Invert: 4.75' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	734.52'	0°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 2	734.52'	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										

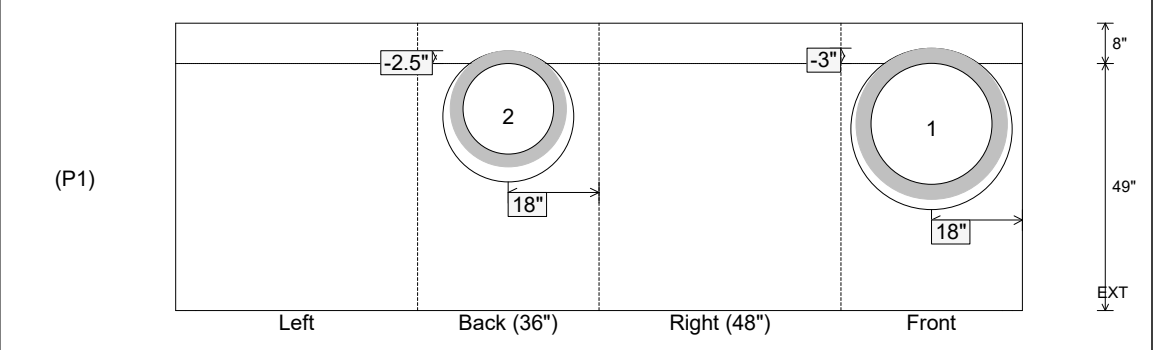
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

#5 DOWELS @ 12" O.C. STUBBED 20" OUT THE TOP OF THE WALLS



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 49" Height (Ext): 57"	Weight (Net): 7916 lb Volume (Net): 2.02cu.yd
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Job Name: 26-1077 - Westside Markets of Greensboro Village
 Job Location: Gallatin, TN
 Contractor: Cleary Construction, Inc.

Plant: 100
 5/5/2026 12:10:55 PM

Tech: J. Coppage - F
 PC: C. Goff



Structure ID: B6

P1 BX2436-08BVF

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

P2) 24" x 36" - CASTING HEIGHT - 5"
 P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39"
 1) CASTING - EJ 6499 Beehive Grate
 1) 24" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK
 1) 24" x 36" - Conseal CS-102 1.00"
 1) Hole - 24
 1) Hole - 6

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS.
 4. CASTING SUPPLIED BY I-CAST (EJ 6499).
 REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

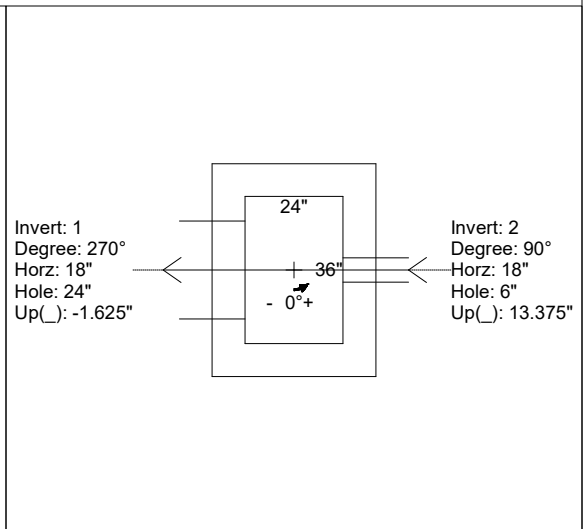
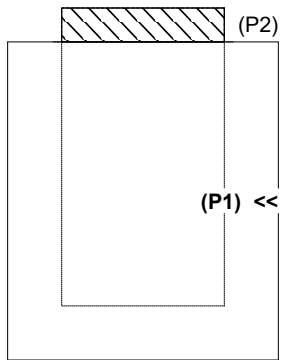
Structure Total: 5753 lb

Rim: 497' Rim to Invert: 3.7' Slack: 0.4' Sump: 0' Step Position:

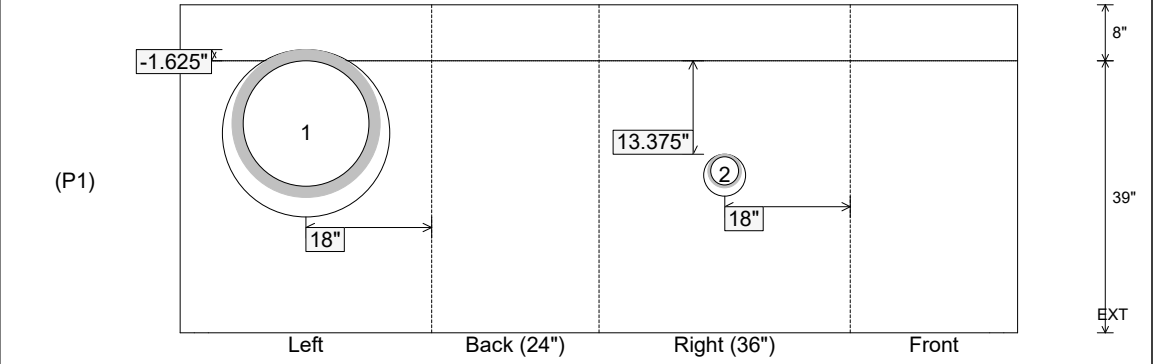
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	493.3'	270°	26"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 2	494.45'	90°	26"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	13.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 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): 39" Height (Ext): 47"	Weight (Net): 5053 lb Volume (Net): 1.29cu.yd
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Job Name: 26-1077 - Westside Markets of Greensboro Village
 Job Location: Gallatin, TN
 Contractor: Cleary Construction, Inc.

Plant: 100
 5/5/2026 12:10:55 PM

Tech: J. Coppage - F
 PC: C. Goff



Structure ID: B6

P1 BX2436-08BVF

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

- P2) 24" x 36" - CASTING HEIGHT - 5"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39"
- 1) CASTING - EJ 6499 Beehive Grate
- 1) 24" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 24
- 1) Hole - 6

0 lb
 5053 lb
 250 lb
 450 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5753 lb

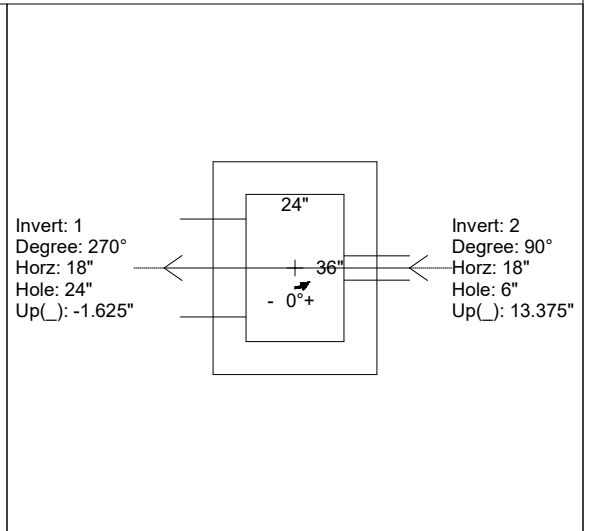
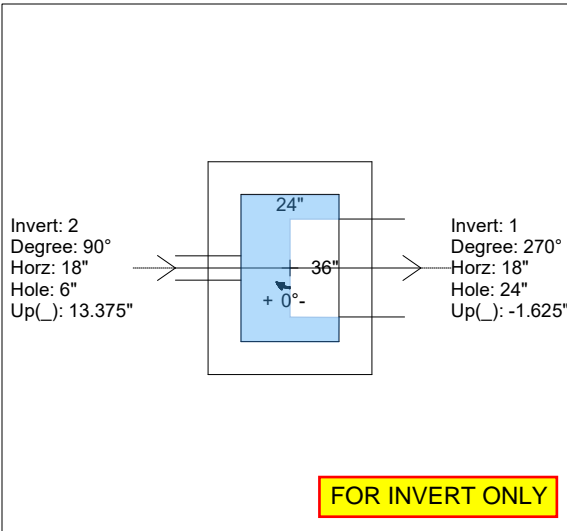
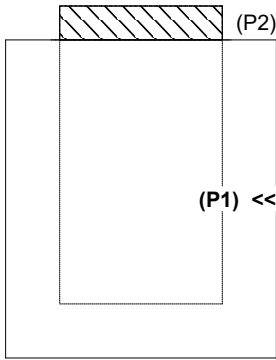
Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS.
 4. CASTING SUPPLIED BY I-CAST (EJ 6499).
 REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 497' Rim to Invert: 3.7' Slack: 0.4" Sump: 0" Step Position:

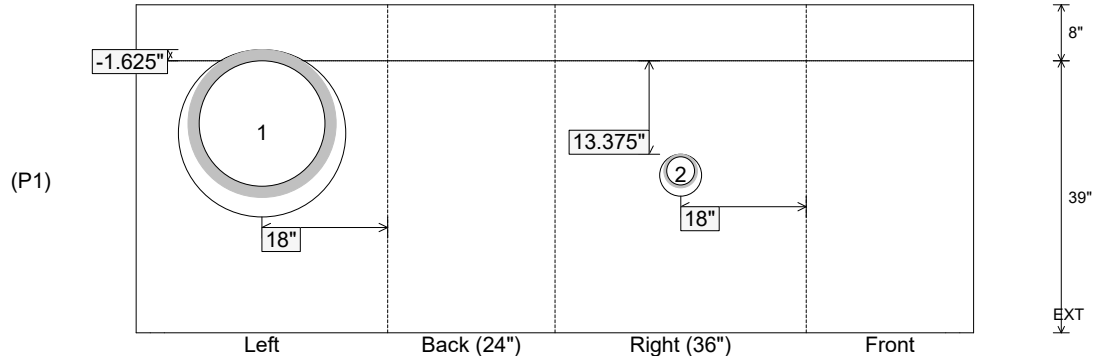
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	493.3'	270°	26"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 2	494.45'	90°	26"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	13.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 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): 39"
 Height (Ext): 47"

Weight (Net): 5053 lb
 Volume (Net): 1.29cu.yd

Job Name: 24-4053B - East Heights Elementary (Storm)	Plant: Beaver Dam, KY	Tech: K. Cardwell	
Job Location: Henderson, KY 42420	5/7/2026 7:30:21 AM	PC: J. Jarvis	
Contractor: Tim Klenck Demolition LLC			

Structure ID: R6

P1 BX2424-08BAVF

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

P2) 24" x 24" - CASTING HEIGHT - 4"
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 22"
1) CASTING - HOE 280T F/G
1) 24" x 24" - Conseal CS-102 1.00"
2) Hole - 18

0 lb
2617 lb
182 lb
0 lb
0 lb

Structure Total: 2799 lb

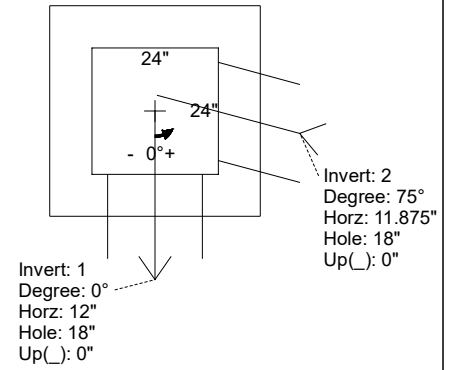
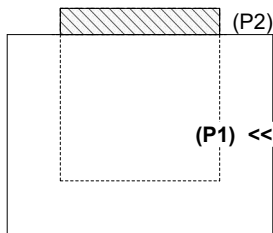
Structure Notes:
1. PER ASTM C-913 SPECS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. NO STORM INVERT
5. NO STEPS
6. HOE 280T FRAME & GRATE SUPPLIED BY ICAST

Rim: 405.14' Rim to Invert: 2.14' Slack: 0.93" Sump: 1.25" Step Position:

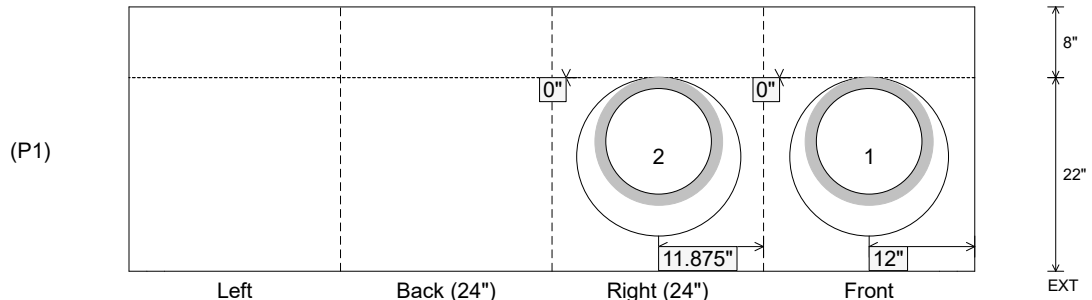
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	403'	0°	20"	12" ADS N-12	14.5"	Hole 18	18"	18"	0"	0"
Invert 2	403'	75°	17.75"	12" ADS N-12	14.5"	Hole 18	18"	18.635"	0"	3"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

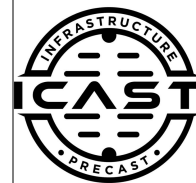


Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 22" Height (Ext): 30"	Weight (Net): 2617 lb Volume (Net): 0.67cu.yd
----------------------------------	-------------------------------	--	--	--

Job Name: 24-4053B - East Heights Elementary (Storm)
 Job Location: Henderson, KY 42420
 Contractor: Tim Klenck Demolition LLC

Plant: Beaver Dam, KY
 5/7/2026 7:30:21 AM

Tech: K. Cardwell
 PC: J. Jarvis



Structure ID: R5

P1 BX2424-08BAVF

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

- P2) 24" x 24" - CASTING HEIGHT - 4"
- P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 45"
- 1) CASTING - HOE 280T F/G
- 1) 24" x 24" - Conseal CS-102 1.00"
- 2) Hole - 18
- 1) Hole - 12

0 lb
 4470 lb
 182 lb
 0 lb
 0 lb
 0 lb

 0 lb
 Structure Total: 4652 lb

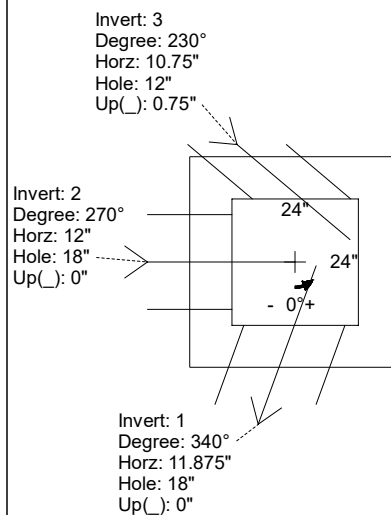
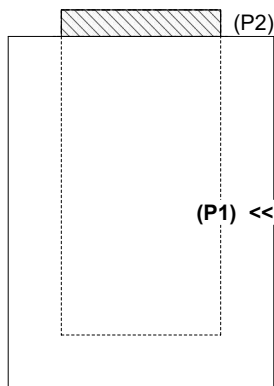
- Structure Notes:
1. PER ASTM C-913 SPECS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 280T FRAME & GRATE SUPPLIED BY ICAST

Rim: 406.45' Rim to Invert: 4.05' Slack: 0.85" Sump: 1.25" Step Position:

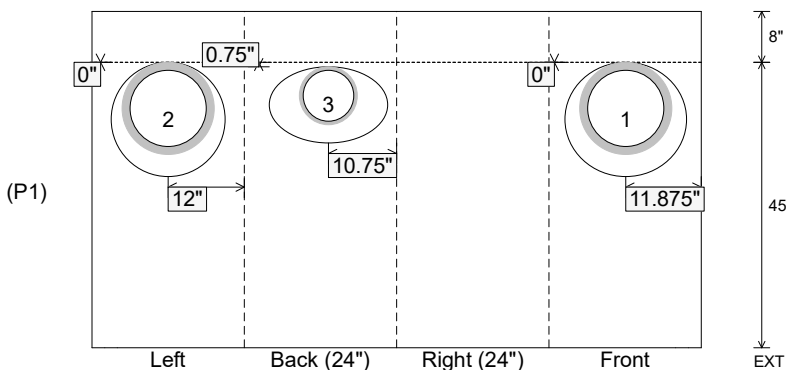
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	402.4'	340°	17"	12" ADS N-12	14.5"	Hole 18	18"	19.155"	0"	4"
Invert 2	402.4'	270°	20"	12" ADS N-12	14.5"	Hole 18	18"	18"	0"	0"
Invert 3	402.4'	230°	28.25"	8" ADS N-12	9.1"	Hole 12	12"	18.669"	0.75"	-10"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



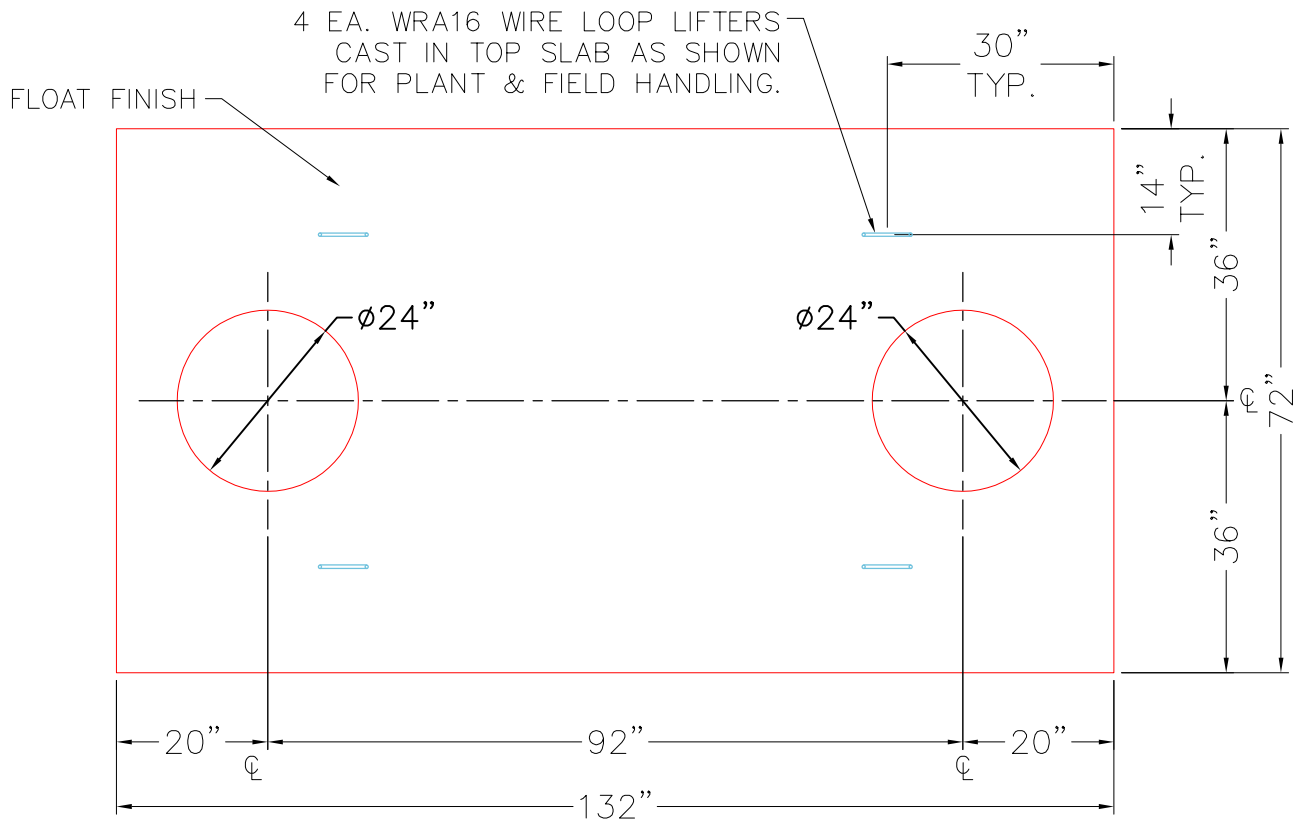
Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

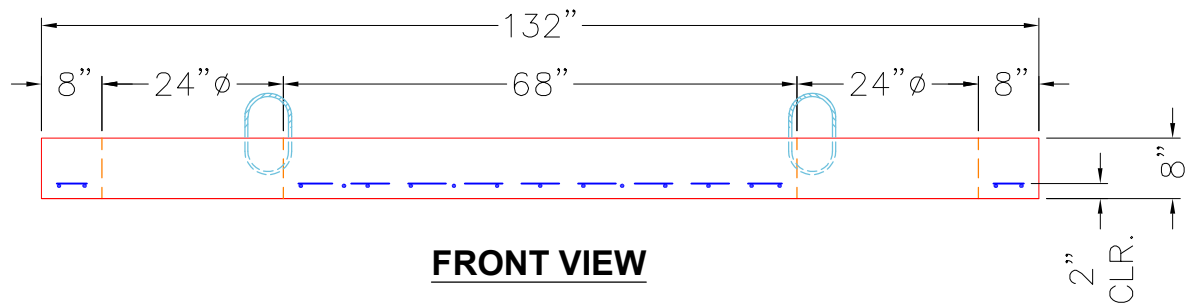
Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 45"
 Height (Ext): 53"

Weight (Net): 4470 lb
 Volume (Net): 1.14cu.yd




TOP VIEW



FRONT VIEW

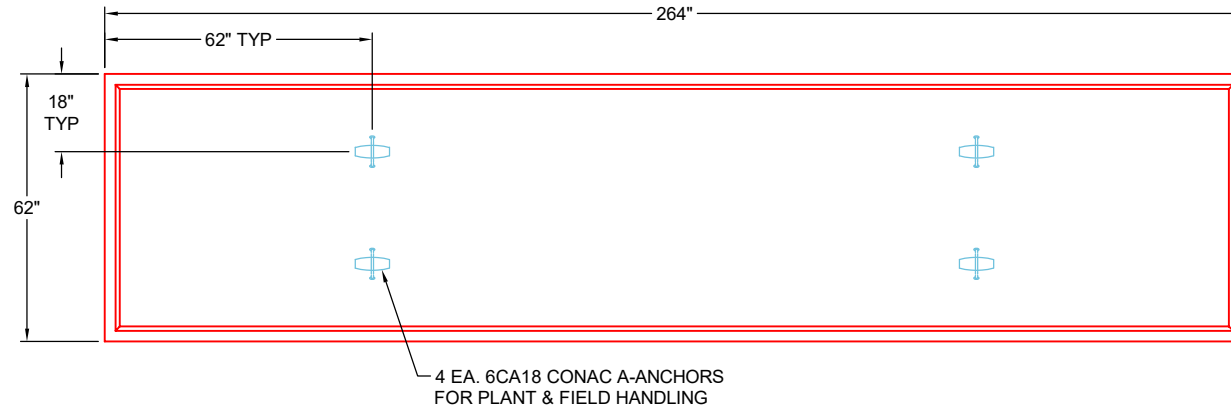
NOTES:

1. PER ASTM C-890-13 LATEST REVISION. (H-20 TRAFFIC RATED DESIGN)
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 8" C/C E.W. (GRADE 60). PER ASTM A615

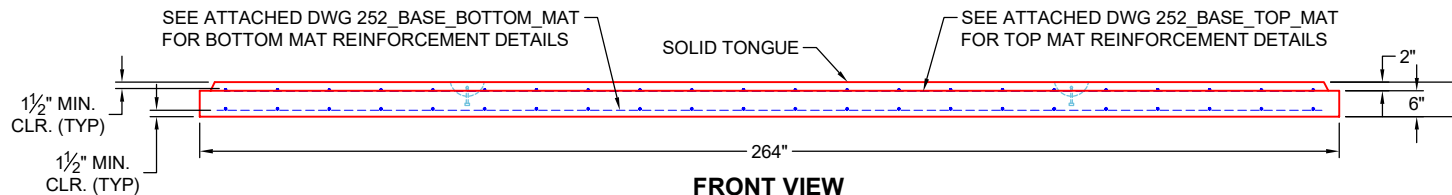
PRODUCTION WORK ORDER		PRODUCT I.D.: BX060120-06LD08	DESCRIPTION: 72" X 132" X 8" GREASE TRAP TOP SLAB	
	QUALITY CONTROL CHECKLIST	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: INFINITY PIPELINE INC	
	<input type="checkbox"/> ALL DIMENSIONS CORRECT.	PLANT: BEAVER DAM, KY.	PROJECT: 1,000 GAL GREASE TRAP	
	<input type="checkbox"/> LIFTERS INSTALLED.	WEIGHT: 5,775 LBS.	STRUCTURE: QL1 OW1000	
	<input type="checkbox"/> HOLE LOCATION(S) CORRECT.	TOP SECTION JOINT: N/A	ORDER NO: 26-1790	
	<input type="checkbox"/> REINFORCING CORRECT.	BASE SECTION JOINT: N/A	PC: E. BRADLEY	DRAWING: S. FELLETTER
<input type="checkbox"/> FLAT ON BOTTOM OF SLAB.	QC CHECK INITIALS:	DATE: 05/12/26	SCALE: NTS	PG. 1 of 1
<input type="checkbox"/> LIGHT BRUSHED FINISH.				
<input type="checkbox"/> SURFACE QUALITY ACCEPTABLE.				

GENERAL NOTES:

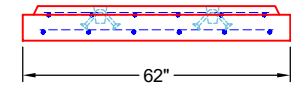
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT - MIN. 1½" REBAR CLEARANCE:
 - TOP MAT: PER ATTACHED DWG 252_BASE_TOP_MAT
 - BOTTOM MAT: PER ATTACHED DWG 252_BASE_BOTTOM_MAT
4. WEIGHTS: 11,502 LBS



**PLAN VIEW
(RIGHT SIDE UP)**



**FRONT VIEW
(RIGHT SIDE UP)**

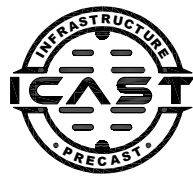


**SIDE VIEW
(RIGHT SIDE UP)**

PRODUCTION WORK ORDER

PRODUCT I.D.: CVBS

DESCRIPTION: 62" X 264" X 8" SEPARATE BASE SLAB



QUALITY CONTROL CHECKLIST

- ALL DIMENSIONS CORRECT.
- LIFTERS INSTALLED.
- CORRECT THICKNESS.
- REINFORCING CORRECT.
- FINISH ON SLAB SURFACE UNIFORM.
- OUTSIDE TOP EDGE TROWELLED.
- SOLID TONGUE JOINT INSTALLED.

PRODUCT VIEW: RIGHT SIDE UP

CUSTOMER: ENDESOL, INC.

PLANT: BEAVER DAM, KY

PROJECT: 4-23 691254775

WEIGHT: 11,502 LBS

STRUCTURE: 2-61618 1 (EFX-60 21 PN VAULT)

TOP SECTION JOINT: N / A

ORDER NO: 26-1618

BASE SECTION JOINT: SOLID TONGUE

PE: J.H. ROSS

DRAWING: J. HORSLEY

QC CHECK INITIALS:

DATE: 04/24/26

SCALE: NTS

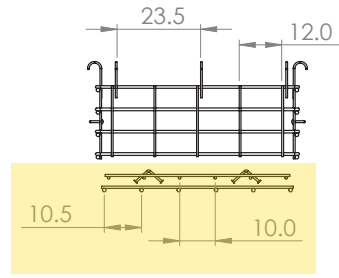
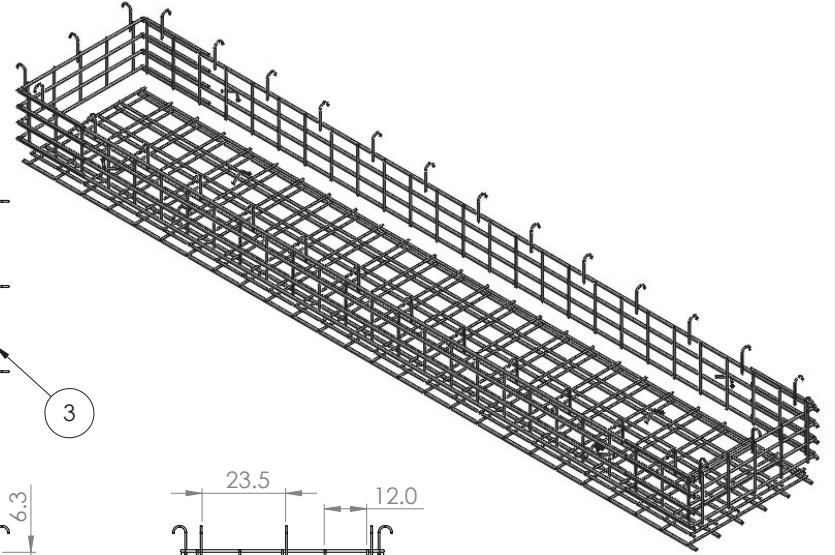
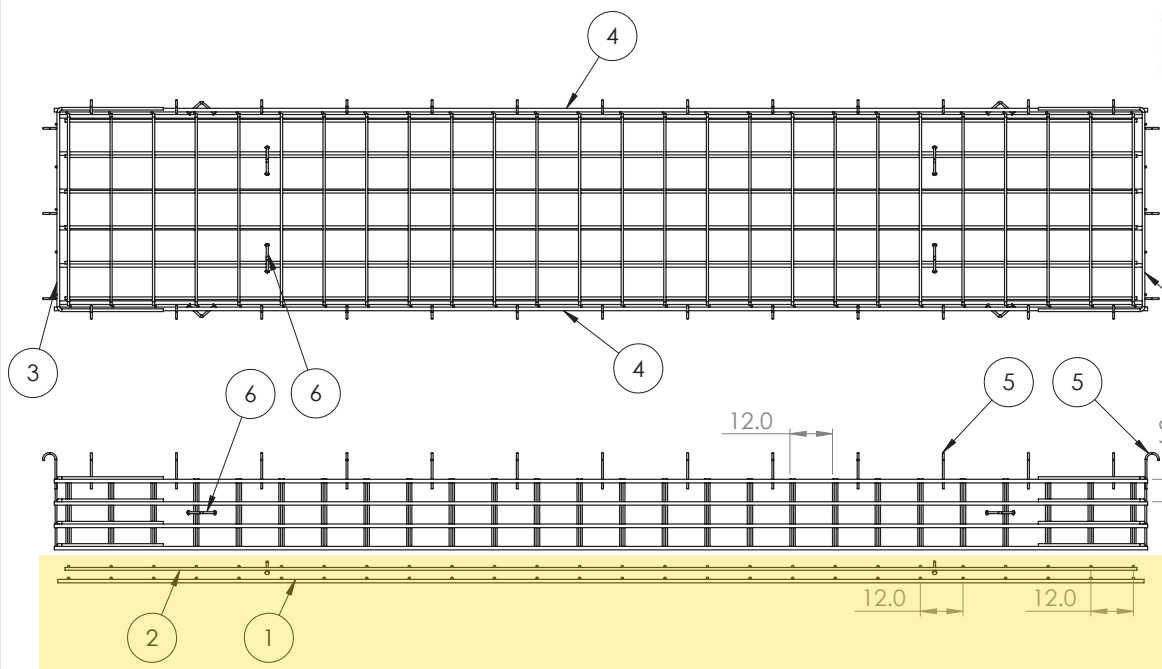
PG. 1 OF 1

4

3

2

1



ITEM NO.	PART NUMBER	Qty.
1	252_Base_Bottom Mat	1
2	252_Base_Top Mat	1
3	Short Wall	2
4	252_ADJ_Long Wall	2
5	#4 0904J	32
6	6CA18	8

NOTES:

1. Rebar: #5, #6, #8 A614 Grade 60
2. All Rebar to have 1.5" Cover Minimum

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	ENDESOL
DIMENSIONS ARE IN INCHES		DRAWN	CMJ	
TOLERANCES:		CHECKED	JHR	3-25-16
FRACTIONAL 1/8"		ENG APPR.	XXXX	XXXX
TWO PLACE DECIMAL .13		MFG APPR.	XXXX	XXXX
THREE PLACE DECIMAL .125		Q.A.	XXXX	XXXX
INTERPRET GEOMETRIC TOLERANCING PER:		COMMENTS:		TITLE: EFX-60 Adjustable Section Rebar Layout
MATERIAL Rebar A614 G60				SIZE B
FINISH MILL				DWG. NO. EFX-60 ADJ Rebar
NEXT ASSY	USED ON			REV X1
APPLICATION DO NOT SCALE DRAWING				SCALE: 1:50 WEIGHT: SHEET 1 OF 1

4

3

2

1

B

B

A

A

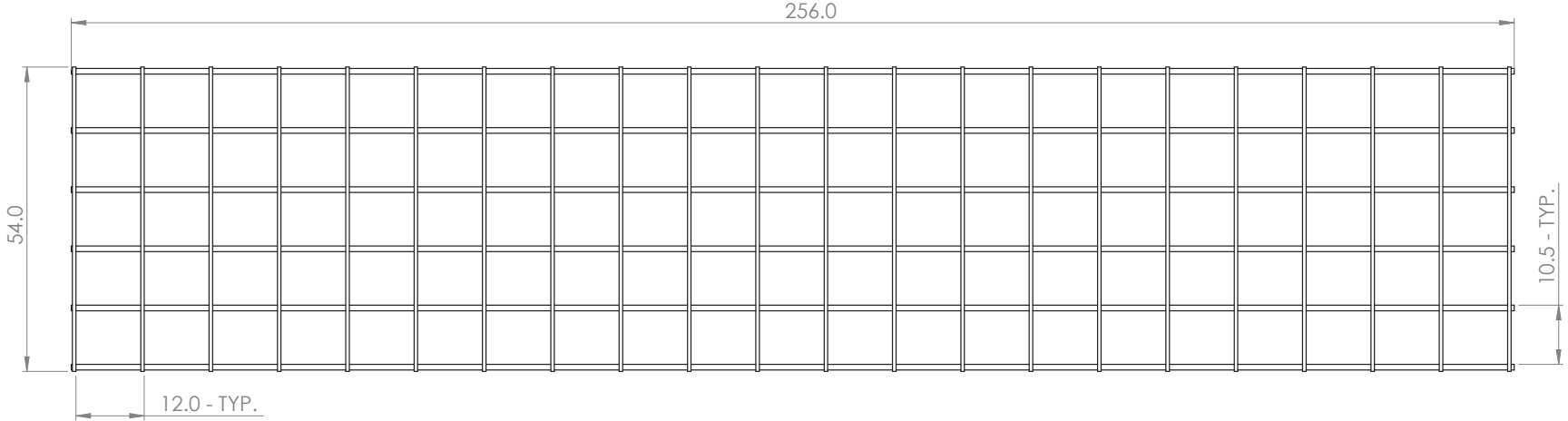
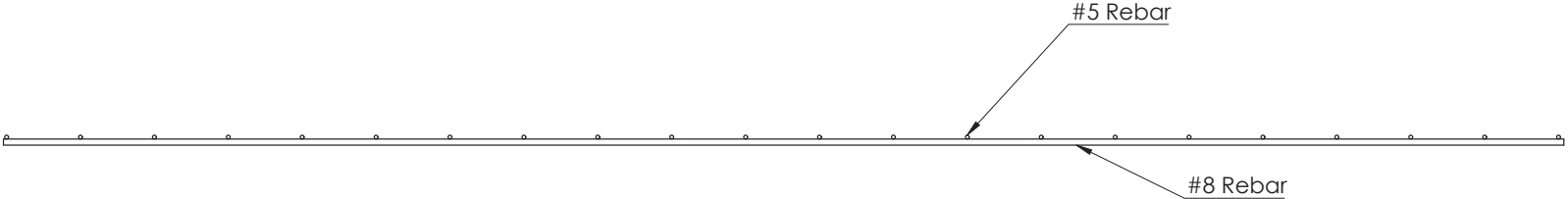
4


3

2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	#8_256.0	#8 Rebar	6
2	#5_54.0	#5 Rebar	22





infrastructure precast, inc.

981 W. 7th Street
Beaver Dam, KY
42320
P 270-363-2238
F 270-363-2234
iCastinc.com

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DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
DECIMAL ± 0.5"

DRAWN	NAME	DATE
C/MJ		8/3/20
CHECKED	JHR	8/3/20
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

DO NOT SCALE DRAWING

SIZE	DWG. NO.	REV.
B	252_Base_Bottom Mat	
SCALE: 1:50	WEIGHT:	SHEET 1 OF 1

4

3

2

1

B

B

A

A

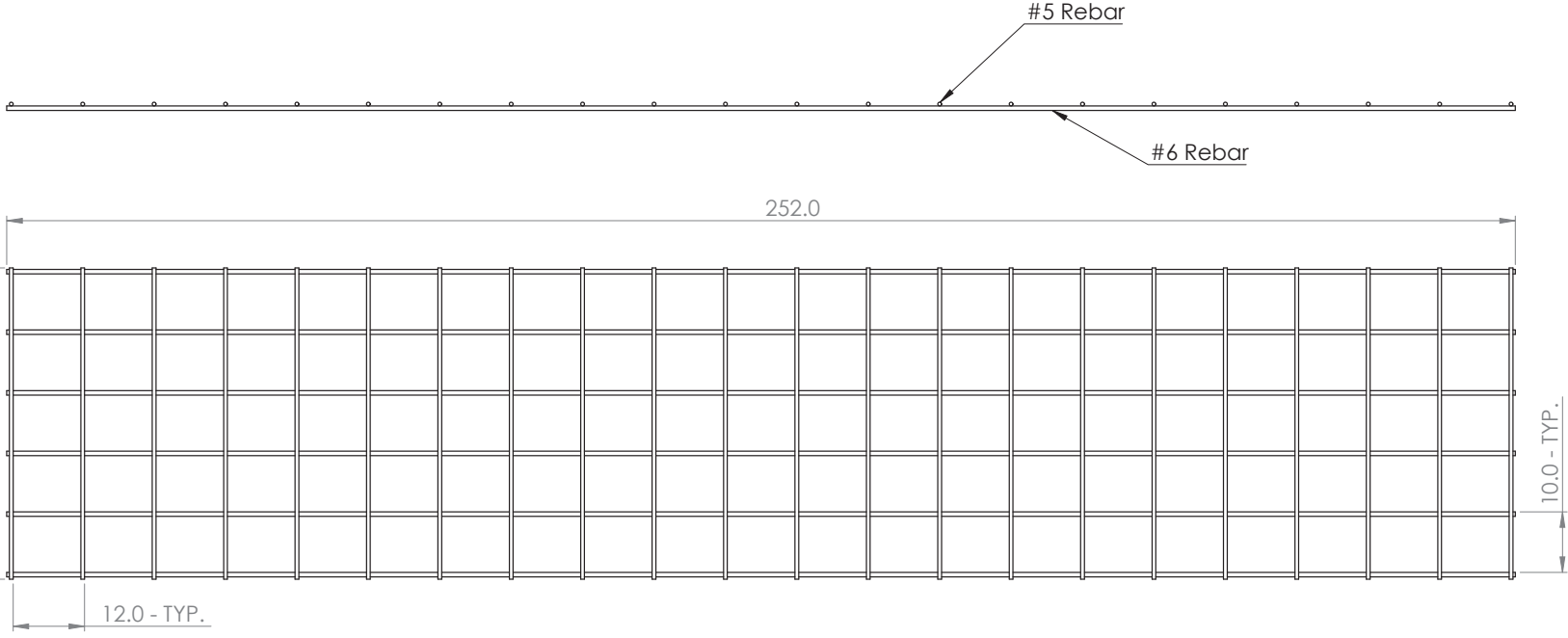
4

3

2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	#6_252.0	#6 Rebar	6
2	#5_52.0	#5 Rebar	22



981 W. 7th Street
 Beaver Dam, KY
 42320
 P 270-363-2238
 F 270-363-2234
 iCastinc.com

DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL ±
 ANGULAR: MACH ± BEND ±
 DECIMAL ± 0.5"

MATERIAL
 FINISH
 DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	CMJ	8/3/20
CHECKED	JHR	8/3/20
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

PROPRIETARY AND CONFIDENTIAL
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 INFRASTRUCTURE PRECAST INC. (iCast). ANY REPRODUCTION IN PART OR
 AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF iCast IS PROHIBITED.

SIZE DWG. NO. REV.
B 252_Base_Top Mat
 SCALE: 1:50 WEIGHT: SHEET 1 OF 1

4

3

2

1

B

B

A

A

Job Name: 24-4171 - McKinney Water District Contract 1B Phase 2
 Job Location: Stanford, KY
 Contractor: Frederick and May Construction

Plant: 100
 5/5/2026 8:17:40 PM

Tech: Jared - F
 PC: E. Bradley



Structure ID: METER VAULT - 6

P1 BX4884-06BAVF-FLAT

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

- P3) 36" x 60" - HATCH (CAST FLUSH) - 3"
- P2) 48" x 84" - CB FLAT TOP 6"W w/36"x60" HATCH F/F - 8"
- P1) 48" x 84" - BOX BASE 6inW, 6inF, Variable Ht F/n - 54"
- 1) HATCH (Alum.) - HALLIDAY W1S 36"x60"
- 1) 48" x 84" - Conseal CS-102 1.00" (Double)
- 1) 36" x 60" - Conseal CS-102 1.00" (Double)
- 2) Hole - 6

100 lb
 2417 lb
 10702 lb
 116 lb
 0 lb
 0 lb
 0 lb
 0 lb

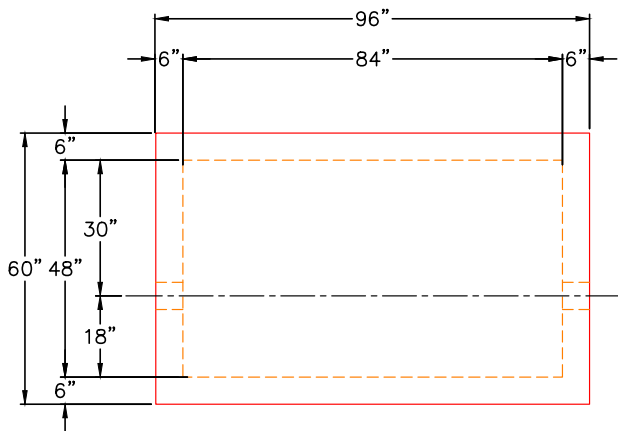
Structure Total: 13334 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. HATCH SUPPLIED BY ICAST (HALLIDAY W1S 36"x60").

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

Rim: 5.167' Rim to Invert: 4' Slack: 0" Sump: 14" Step Position:



PLAN VIEW

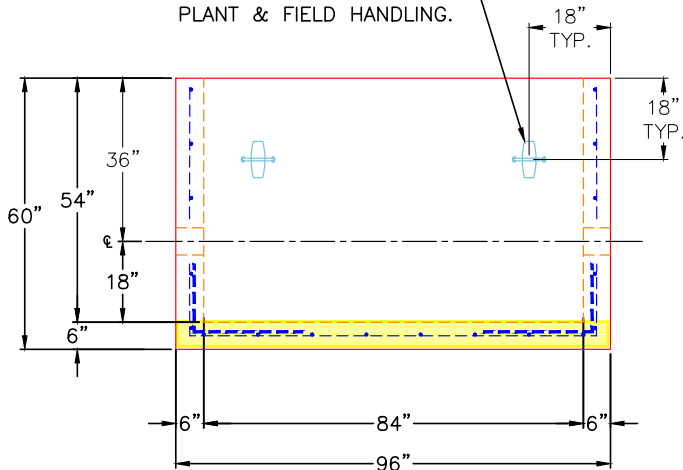
GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 12" E.W. O.C. (GRADE 60).
4. WEIGHT:
 FIRST POUR - 2,900 LBS.
 SECOND POUR - 7,830 LBS.
 TOTAL - 10,730 LBS.

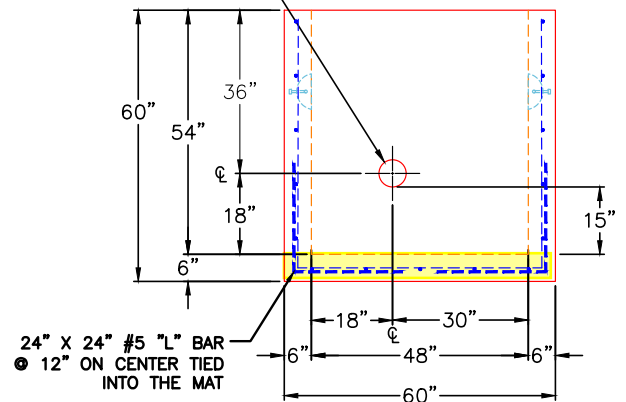
FIRST POUR DRAWING

4 EA. CONAC 6CA14 ANCHORS CAST IN AS SHOWN FOR PLANT & FIELD HANDLING.

6" HOLE FOR 2" DIA. PIPE UP 15" FROM TOP OF FLOOR TO BTM OF HOLE NEAR WALL AND FAR WALL



FRONT VIEW



RIGHT VIEW

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 54"
 Height (Ext): 60"

Weight (Net): 10702 lb
 Volume (Net): 2.73cu.yd

Job Name: 24-4171 - McKinney Water District Contract 1B Phase 2
 Job Location: Stanford, KY
 Contractor: Frederick and May Construction

Plant: 100
 5/5/2026 8:17:40 PM

Tech: Jared - F
 PC: E. Bradley



Structure ID: METER VAULT - 6

P1 BX4884-06BAVF-FLAT

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

- P3) 36" x 60" - HATCH (CAST FLUSH) - 3"
- P2) 48" x 84" - CB FLAT TOP 6"W w/36"x60" HATCH F/F - 8"
- P1) 48" x 84" - BOX BASE 6inW, 6inF, Variable Ht F/n - 54"
- 1) HATCH (Alum.) - HALLIDAY W1S 36"x60"
- 1) 48" x 84" - Conseal CS-102 1.00" (Double)
- 1) 36" x 60" - Conseal CS-102 1.00" (Double)
- 2) Hole - 6

100 lb
 2417 lb
 10702 lb
 116 lb
 0 lb
 0 lb
 0 lb

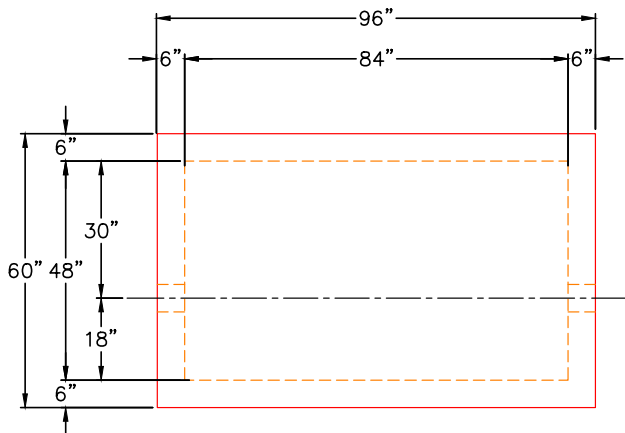
Structure Total: 13334 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. HATCH SUPPLIED BY ICAST (HALLIDAY W1S 36"x60").

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

Rim: 5.167' Rim to Invert: 4' Slack: 0" Sump: 14" Step Position:

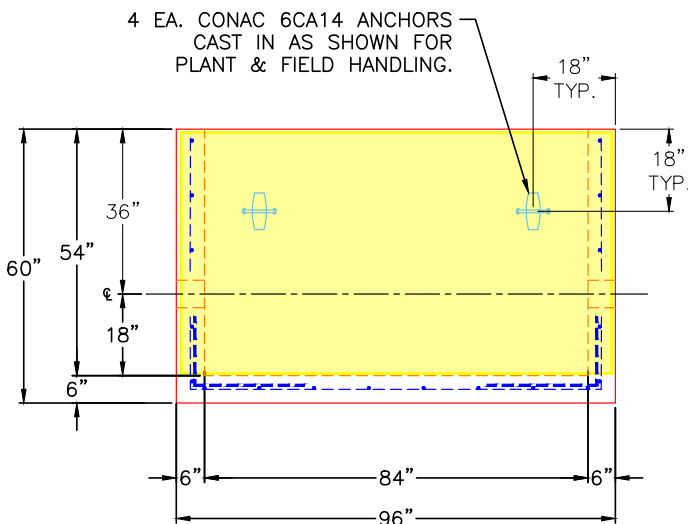


PLAN VIEW

GENERAL NOTES:

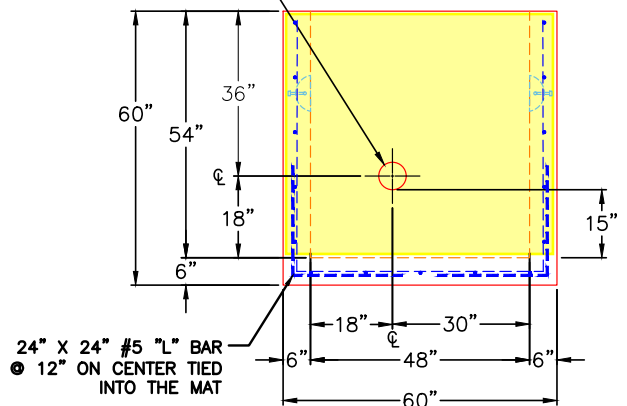
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 12" E.W. O.C. (GRADE 60).
4. WEIGHT:
 FIRST POUR - 2,900 LBS.
 SECOND POUR - 7,830 LBS.
 TOTAL - 10,730 LBS.

SECOND POUR DRAWING



FRONT VIEW

6" HOLE FOR 2" DIA. PIPE UP 15" FROM TOP OF FLOOR TO BTM OF HOLE NEAR WALL AND FAR WALL



RIGHT VIEW

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 54"
 Height (Ext): 60"

Weight (Net): 10702 lb
 Volume (Net): 2.73cu.yd

Job Name: 24-4171 - McKinney Water District Contract 1B Phase 2
 Job Location: Stanford, KY
 Contractor: Frederick and May Construction

Plant: 100
 5/5/2026 8:17:54 PM

Tech: Jared - F
 PC: E. Bradley



Structure ID: METER VAULT - 5

P2 BX4884-06LD08-SP

CB FLAT TOP 6"W w/36"x60" HATCH F/F

- P3) 36" x 60" - HATCH (CAST FLUSH) - 3"
- P2) 48" x 84" - CB FLAT TOP 6"W w/36"x60" HATCH F/F - 8"
- P1) 48" x 84" - BOX BASE 6inW, 6inF, Variable Ht F/n - 54"
- 1) HATCH (Alum.) - HALLIDAY W1S 36"x60"
- 1) 48" x 84" - Conseal CS-102 1.00" (Double)
- 1) 36" x 60" - Conseal CS-102 1.00" (Double)
- 2) Hole - 6

100 lb
 2417 lb
 10702 lb
 116 lb
 0 lb
 0 lb
 0 lb

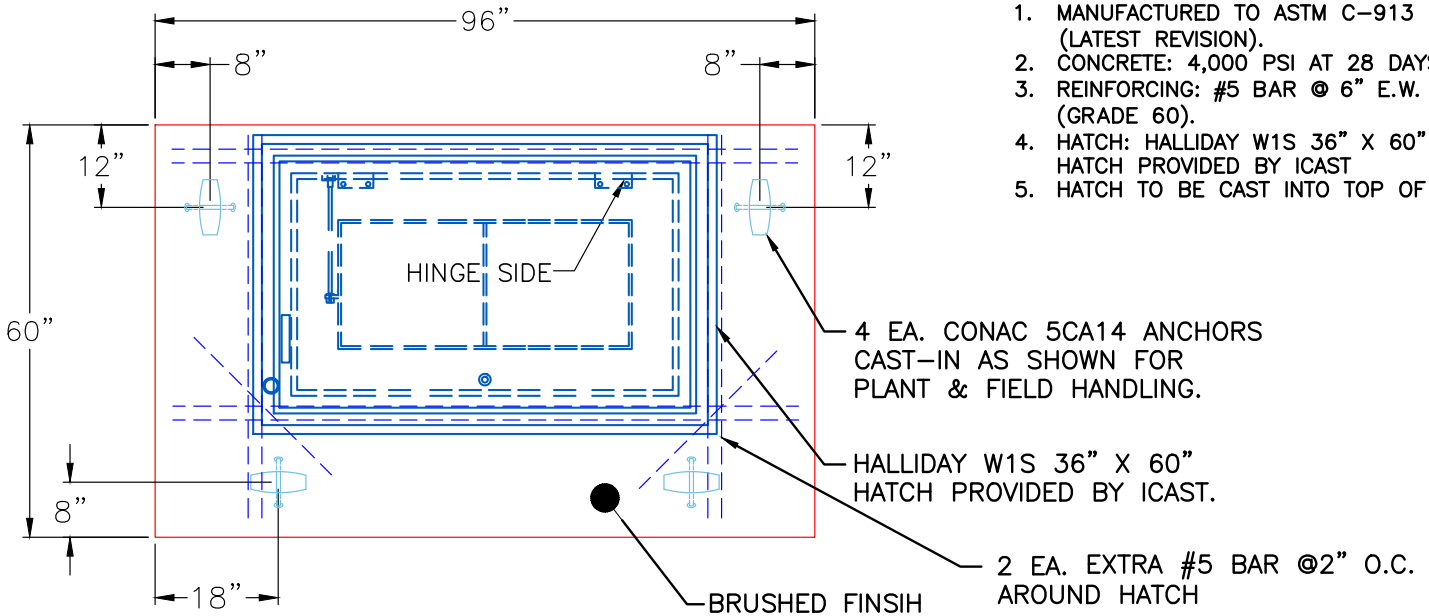
 Structure Total: 13334 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. HATCH SUPPLIED BY ICAST (HALLIDAY W1S 36"x60").

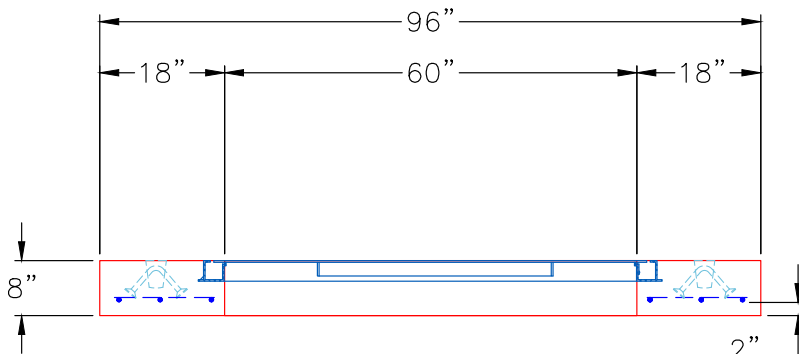
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

GENERAL NOTES:

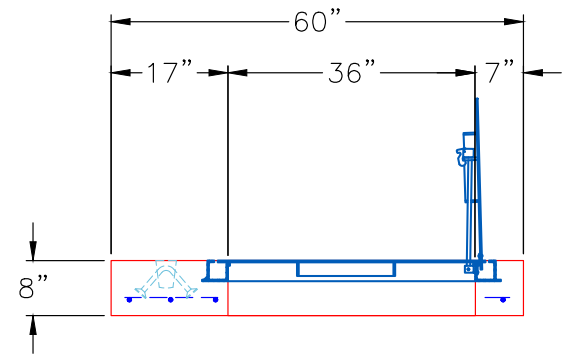
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" E.W. O.C. (GRADE 60).
4. HATCH: HALLIDAY W1S 36" X 60" HATCH PROVIDED BY ICAST
5. HATCH TO BE CAST INTO TOP OF LID.



PLAN VIEW



FRONT VIEW



RIGHT VIEW

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

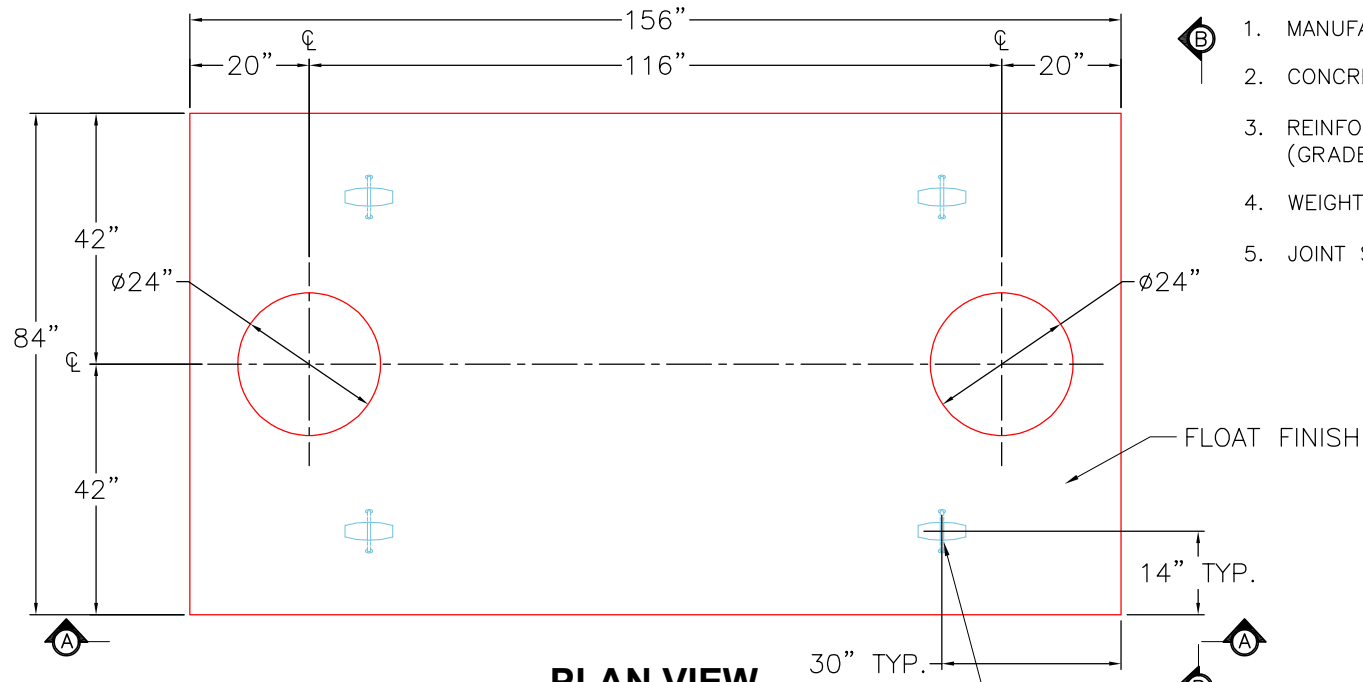
Wall Thickness: 6"

Height (Ext): 8"

Weight (Net): 2417 lb
 Volume (Net): 0.62cu.yd

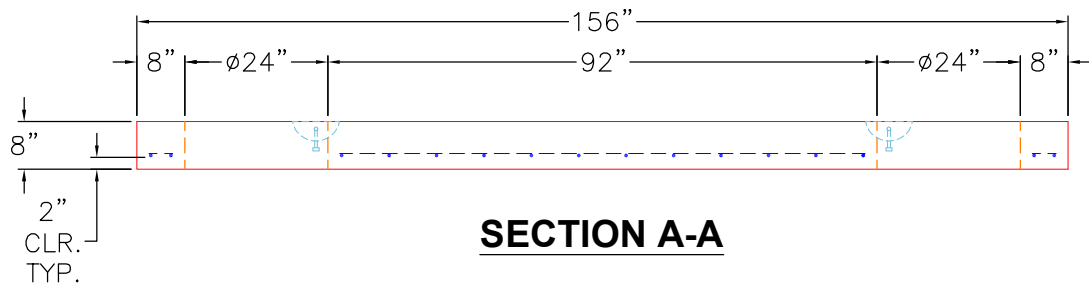
GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,500 PSI AT 28 DAYS. CONCRETE.
3. REINFORCING: TOP SLAB #5 BAR @ 8" E.W. O.C. (GRADE 60).
4. WEIGHT: TOP SLAB = 8,195 LBS
5. JOINT SEALANT TO BE CONSEAL CS-102, 1".

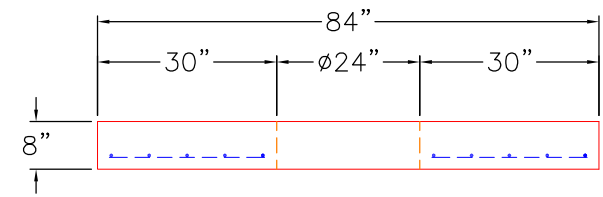


PLAN VIEW


4 EA. CONAC 4CA14 ANCHORS
CAST IN SECTION AS SHOWN
FOR PLANT & FIELD HANDLING.



SECTION A-A



SECTION B-B

<p>PRODUCTION WORK ORDER</p>		<p>PRODUCT I.D.: BX072144-08LD06S</p>	<p>DESCRIPTION: 84" X 156" X 8" THICK TOP SLAB</p>	
	<p>QUALITY CONTROL CHECKLIST</p> <p><input type="checkbox"/> ALL DIMENSIONS CORRECT.</p> <p><input type="checkbox"/> LIFTERS INSTALLED.</p> <p><input type="checkbox"/> OPENING CORRECT.</p> <p><input type="checkbox"/> REINFORCING CORRECT.</p> <p><input type="checkbox"/> SURFACE QUALITY ACCEPTABLE.</p> <p><input type="checkbox"/> EDGES CHAMFERED.</p> <p><input type="checkbox"/> ALL PATCHWORK ACCEPTABLE.</p>		<p>CUSTOMER: CORE & MAIN LP</p>	
	<p>PLANT: BEAVER DAM, KY.</p>		<p>PROJECT: METRO CENTER GREASE TRAP</p>	
	<p>WEIGHT: 8,195 LBS.</p>		<p>STRUCTURE: QL1 GT2000 (3)</p>	
	<p>TOP SECTION JOINT: N/A</p>		<p>ORDER NO: 26-2243</p>	
	<p>BASE SECTION JOINT: N/A</p>		<p>PC: T. RYAN</p>	<p>DRAWING: S. FELLETER</p>
<p>QC CHECK INITIALS:</p>		<p>DATE: 05/07/26</p>	<p>SCALE: NTS</p>	<p>PG. 1 of 1</p>

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 1:22:29 PM

PC: Celina Goff



Structure ID: ICAST LI88 (2)

P1 CFB

108" X 16" X 6" Footer Blocks - 2 Ea. F/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 72" x 84" - CB FLAT TOP 6"W w/(2) 24" HOLES F/F - 8"
- P2) 72" x 84" - BOX RISER 6inW, Variable Ht F/F - 54"
- P1) 72" x 84" - 108" X 16" X 6" Footer Blocks - 2 Ea. F/n - 6"
- 2) 72" x 84" - Conseal CS-102 1.00" (Double)
- 2) DOGHOUSE - 24"x14
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb
 4806 lb
 8859 lb
 1740 lb (870 lb Ea.)
 0 lb
 0 lb
 0 lb

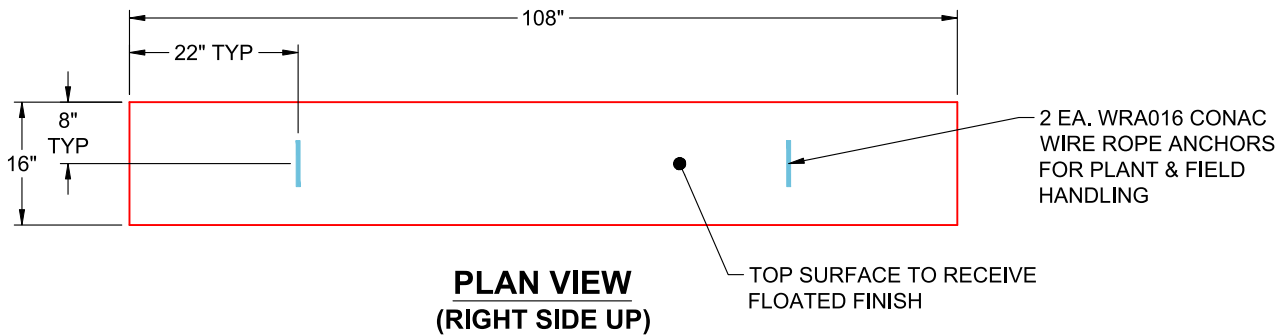
 Structure Total: 15405 lb

Structure Notes:

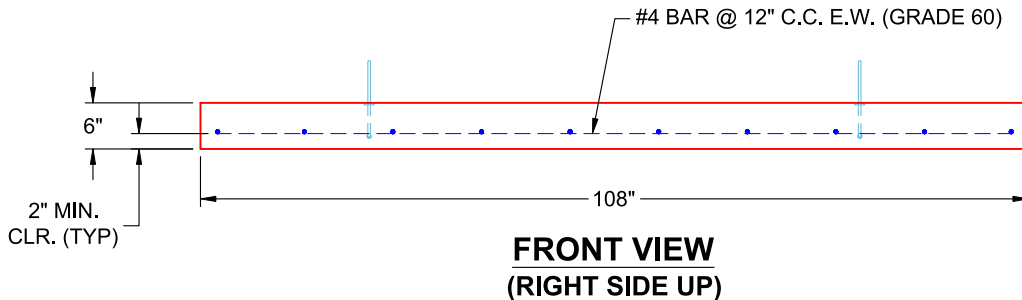
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. LIFTERS: 2 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
5. TOP SURFACE TO RECEIVE FLOATED FINISH

Rim: 5.75' Rim to Invert: 5.75' Slack: 0" Sump: 0" Step Position: 180°

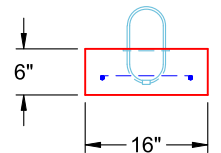
2 EA. FOOTER BLOCKS REQUIRED PER ARV



**PLAN VIEW
(RIGHT SIDE UP)**



**FRONT VIEW
(RIGHT SIDE UP)**



**SIDE VIEW
(RIGHT SIDE UP)**

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 0"
 Height (Ext): 0"

Weight (Net): 870 lb
 Volume (Net): 0.22cu.yd

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

3/26/2026 2:16:15 PM

PC: Celina Goff



Structure ID: ICAST LI88 (2)

P2 CVR

BOX RISER 6inW, Variable Ht F/F

- P4) 24" - CASTING HEIGHT - 7"
- P3) 72" x 84" - CB FLAT TOP 6"W w/(2) 24" HOLES F/F - 8"
- P2) 72" x 84" - BOX RISER 6inW, Variable Ht F/F - 54"
- P1) 72" x 84" - 108" X 16" X 6" Footer Blocks - 2 Ea. F/n - 6"
- 2) 72" x 84" - Conseal CS-102 1.00" (Double)
- 2) DOGHOUSE - 24"x14
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb
 4806 lb
 8859 lb
 1740 lb (870 lb Ea.)
 0 lb
 0 lb
 0 lb

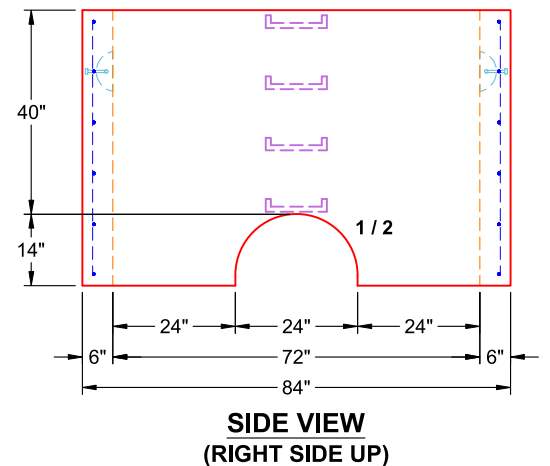
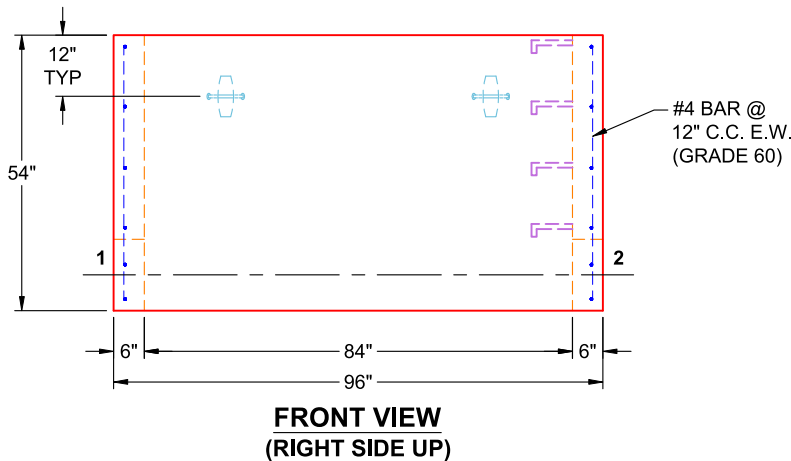
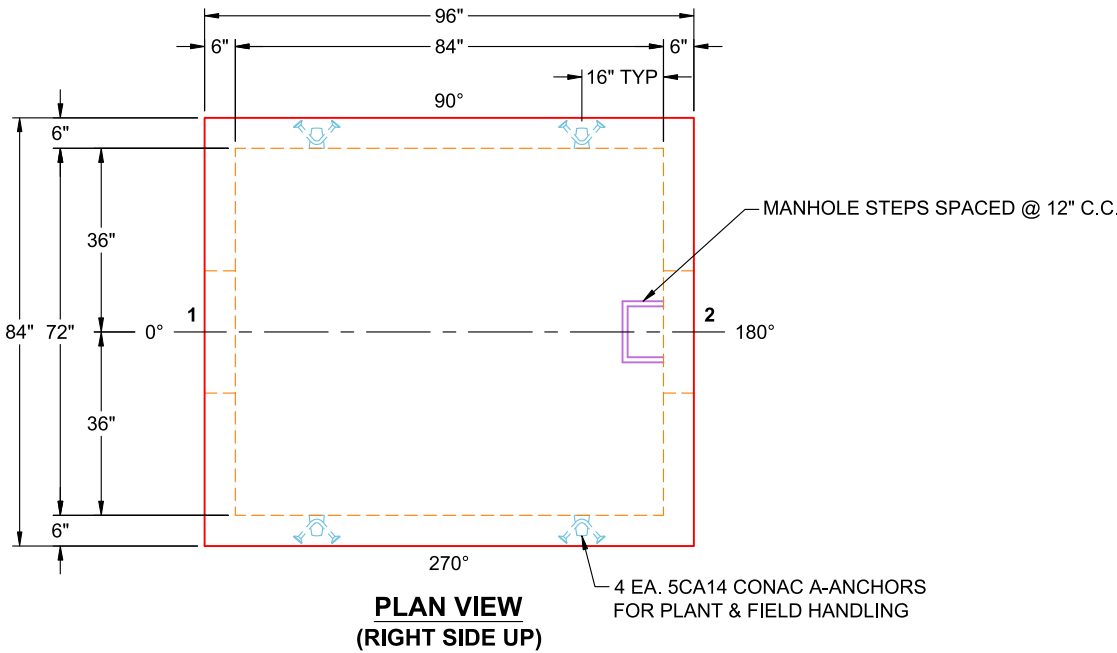
 Structure Total: 15405 lb

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)
4. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED IN 90° & 270° WALLS, MIN. 12" FROM TOP OF WALLS
5. STEPS AT 180 DEGREES

Rim: 5.75' Rim to Invert: 5.75' Slack: 0" Sump: 0" Step Position: 180°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	0'	0°	42"	18" DI	19.5"	DOGHOUSE 24"x14	24" x 14"	24"	0"	0"
Invert 2	0'	180°	42"	18" DI	19.5"	DOGHOUSE 24"x14	24" x 14"	24"	0"	0"
Invert 3										



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 6"
 Floor Height: 0"

Height (Int): 54"
 Height (Ext): 54"

Weight (Net): 8859 lb
 Volume (Net): 2.26cu.yd