

Job Name: 26-2087 839373 Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam
 4/27/2026 2:30:10 PM

Tech: S. Felletter
 PC: C. Goff



Structure ID: 25-CS-10

P2 MH120RS84

MH RISER NO STEPS T/G

- P5) 24" - CASTING HEIGHT - 4"
- P4) 120" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18"
- P3) 120" - MH RISER NO STEPS T/G - 72"
- P2) 120" - MH RISER NO STEPS T/G - 84"
- 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 - 32

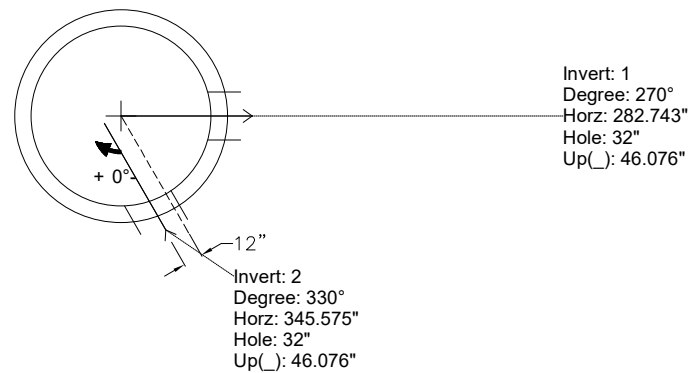
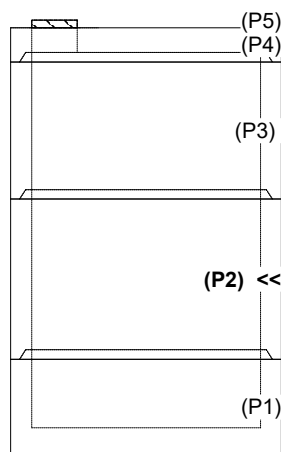
0 lb
 16223 lb
 27351 lb
 30395 lb
 32280 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 106248 lb

Structure Notes:
 4" CASTING BY OTHERS
 LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE
 ICAST TO INSTALL BRACKETS ONLY
 CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE

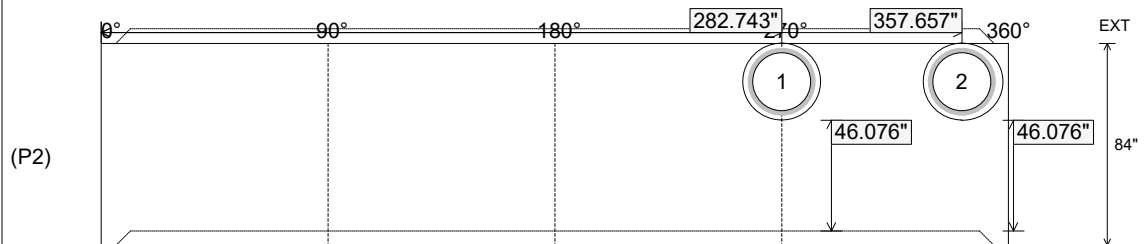
Rim: 871.4' Rim to Invert: 10.3' Slack: 1.676" Sump: 92.076" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	861.1'	270°	334.58"	24" HDPE	27.8"	Hole 32	32"	32.392"	46.076"	0"
Invert 2	861.1'	330°	420.989"	24" HDPE	27.8"	Hole 32	32"	33.134"	46.076"	12"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 11"
 Floor Height: 0"

Height (Int): 84"
 Height (Ext): 84"

Weight (Net): 30395 lb
 Volume (Net): 7.76cu.yd

Job Name: 26-2087 839373 Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam
 4/27/2026 2:29:58 PM

Tech: S. Felletter
 PC: C. Goff



Structure ID: 25-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 NO STEPS T/G - 72"
- P2) 120" - MH RISER NO STEPS T/G - 84"
- 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 - 32

0 lb
 16223 lb
 27351 lb
 30395 lb
 32280 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 106248 lb

Structure Notes:
 4" CASTING BY OTHERS

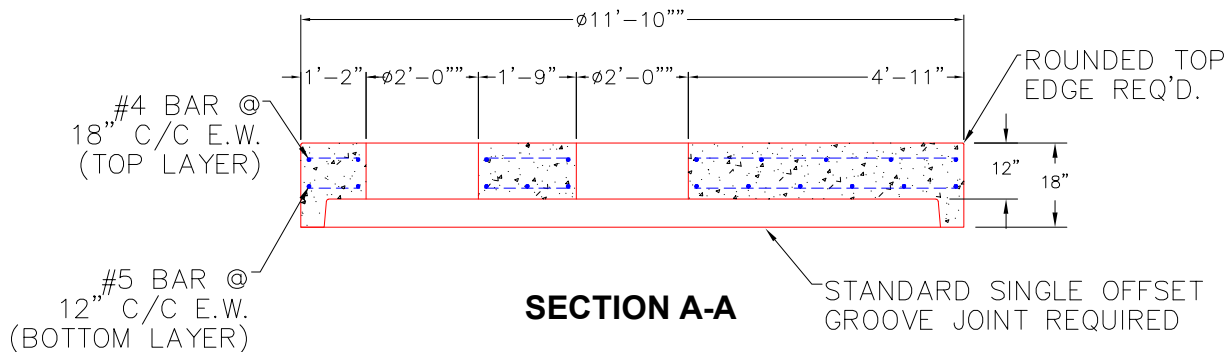
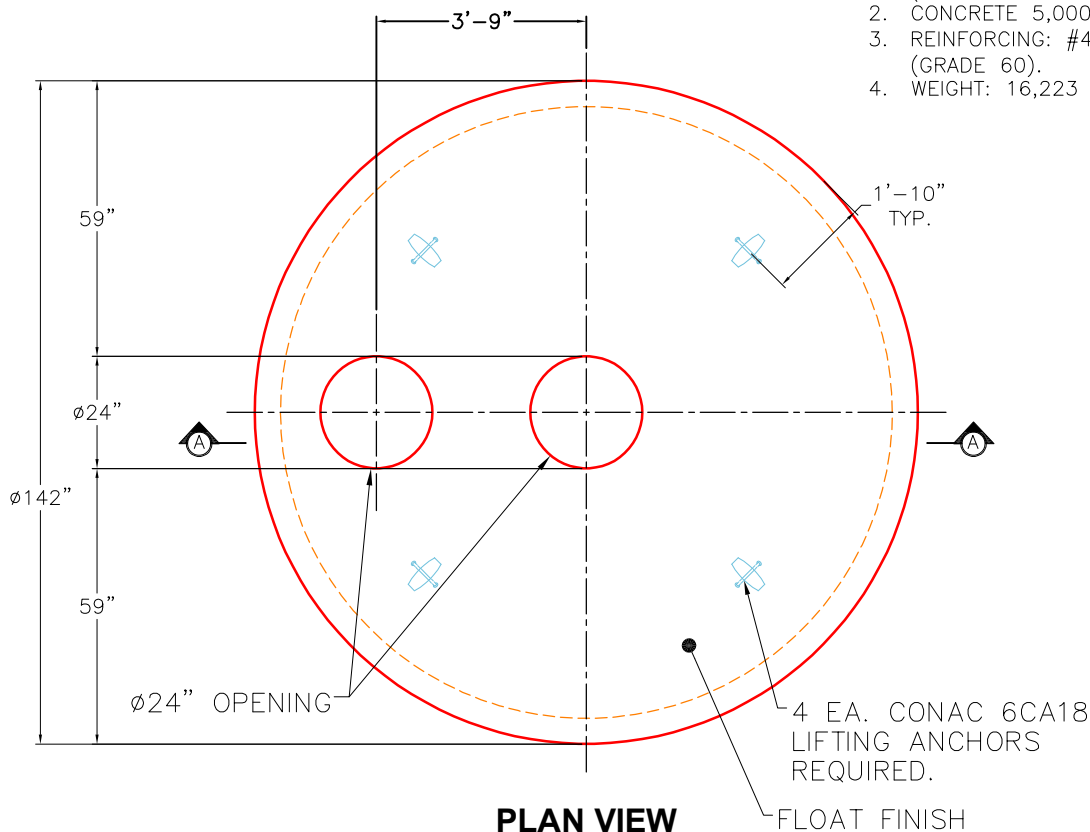
 LIFTING ANCHORS TO BE INSTALLED
 ON THE OUTSIDE OF THE STRUCTURE

 ICAST TO INSTALL BRACKETS ONLY

 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

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

Plant: 100

5/8/2026 11:22:39 AM

Tech: Jared-F

PC: C. Goff



Structure ID: 77+93 ARV

P3 MH048LD12ECC

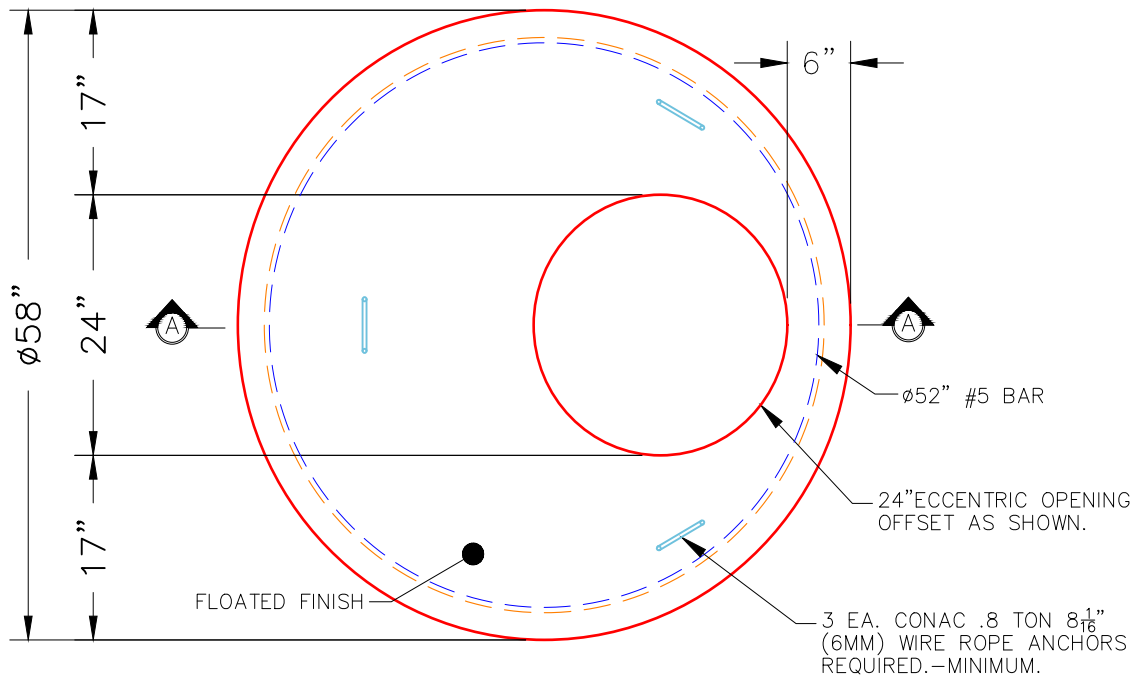
MH FLAT TOP w/ 24" ECC Hole F/G

- 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"

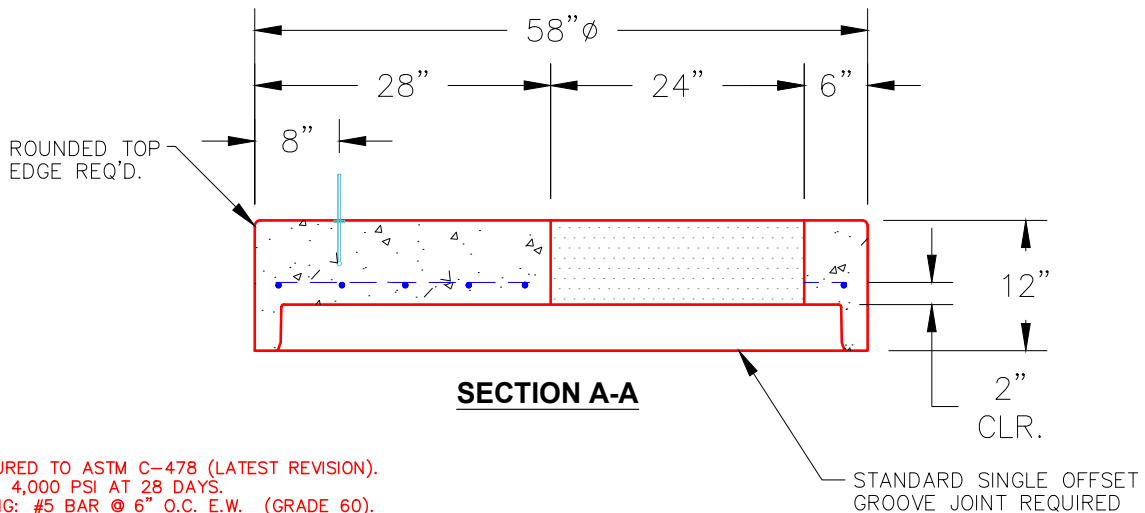
0 lb
 1561 lb
 2160 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 3721 lb

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)



PLAN VIEW



NOTES:

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

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1561 lb
 Volume (Net): 0.42cu.yd

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

Plant: 100
 5/8/2026 11:22:39 AM

Tech: Jared-F
 PC: C. Goff



Structure ID: 77+93 ARV

P3 MH048LD12ECC

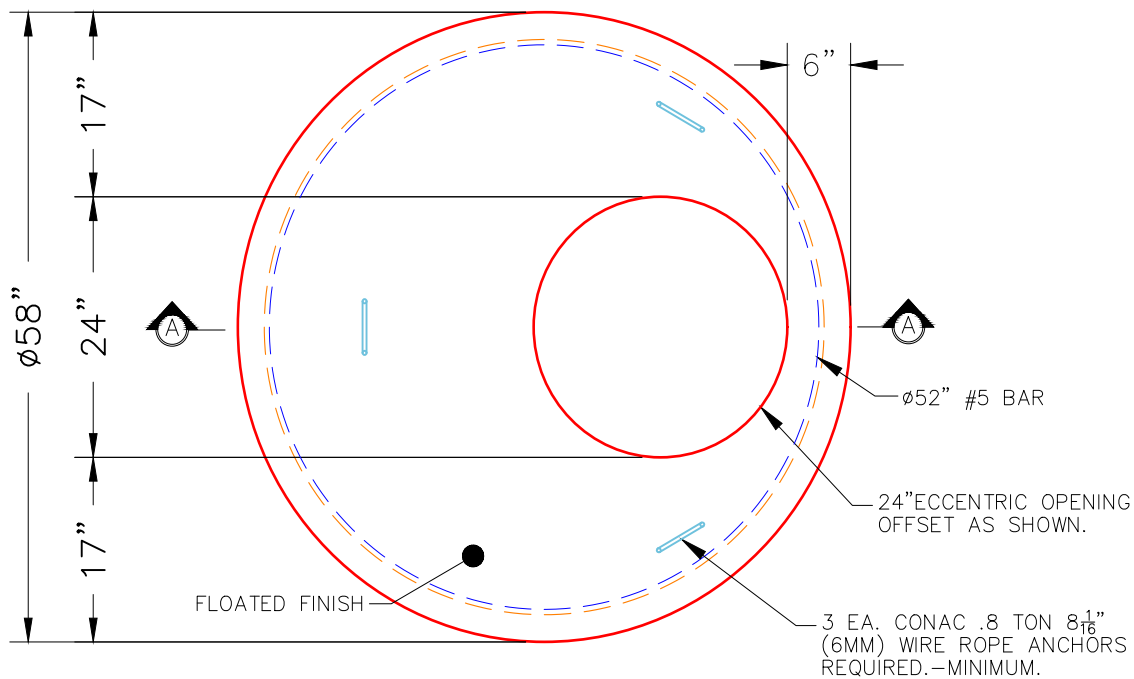
MH FLAT TOP w/ 24" ECC Hole F/G

- 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"

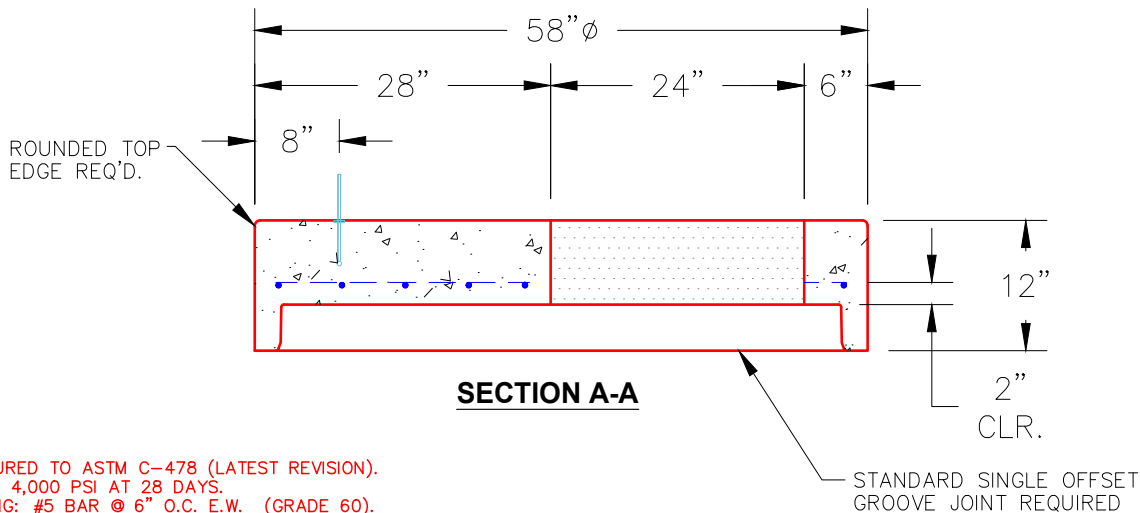
0 lb
 1561 lb
 2160 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 3721 lb

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)



PLAN VIEW



SECTION A-A

NOTES:

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

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1561 lb
 Volume (Net): 0.42cu.yd

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

Plant: 100

5/8/2026 11:22:39 AM

Tech: Jared-F

PC: C. Goff



Structure ID: 77+93 ARV

P3 MH048LD12ECC

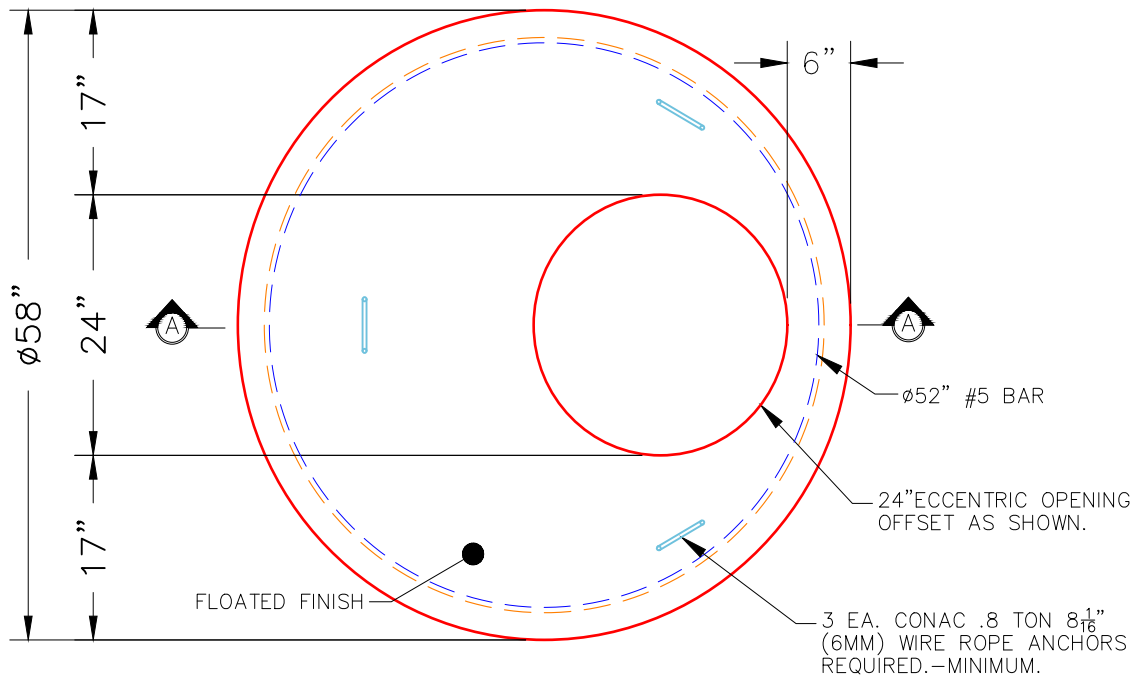
MH FLAT TOP w/ 24" ECC Hole F/G

- 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"

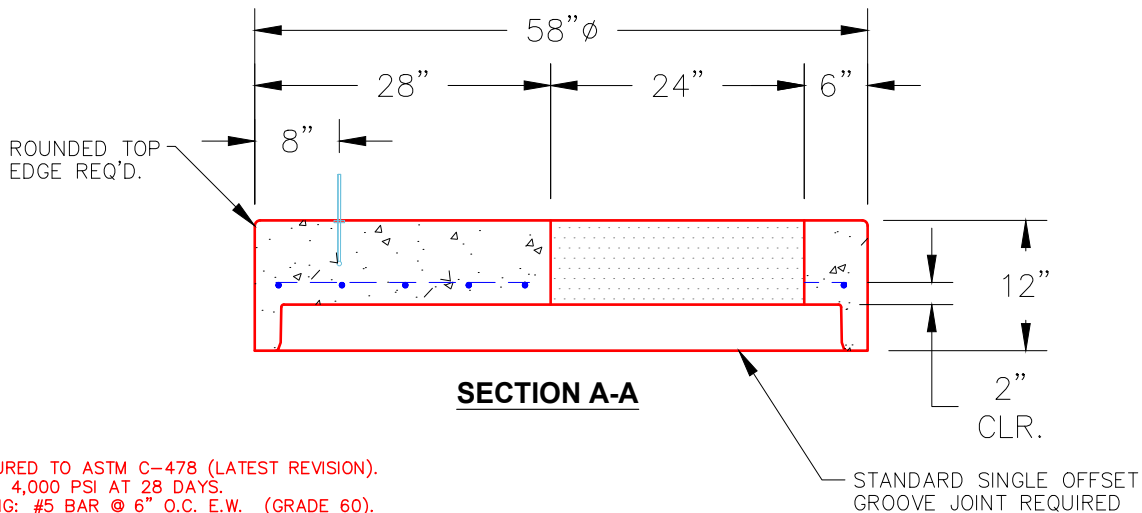
0 lb
 1561 lb
 2160 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 3721 lb

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)



PLAN VIEW



NOTES:

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

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1561 lb
 Volume (Net): 0.42cu.yd

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

Plant: 100

5/8/2026 11:22:39 AM

Tech: Jared-F

PC: C. Goff



Structure ID: 77+93 ARV

P3 MH048LD12ECC

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

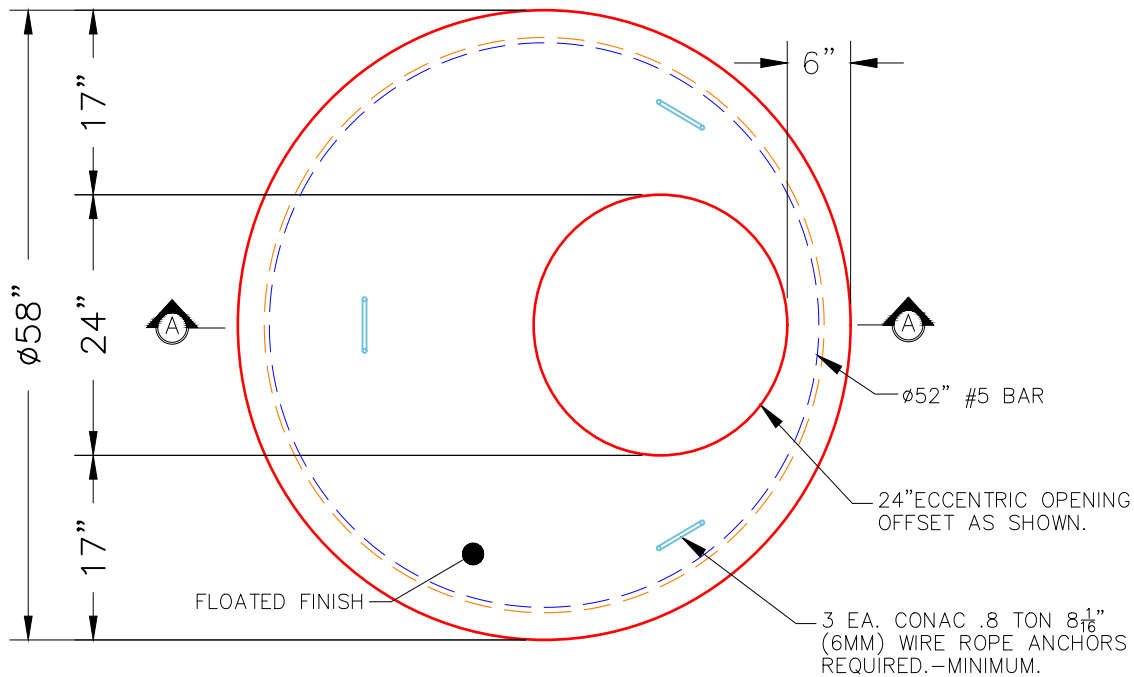
- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
- P2) 48" - MH DH RISER Custom Ht T/F - 32"
- P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 2) 48" - Conseal CS-102 1.00"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

0 lb
 1561 lb
 2160 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

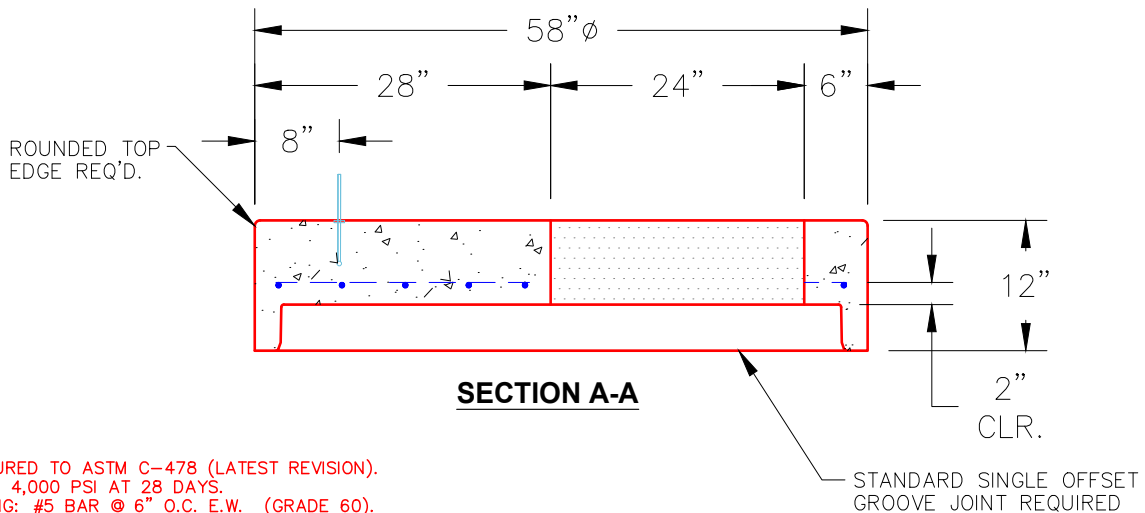
 Structure Total: 3721 lb

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)



PLAN VIEW



NOTES:

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

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1561 lb
 Volume (Net): 0.42cu.yd

Job Name: 25-4590 Uhlhorn Sewer Repairs
 Job Location: Evansville, IN
 Contractor: Bowen Engineering Corporation

Plant: Beaver Dam
 5/11/2026 10:20:33 AM

Tech: S. Felletter
 PC: A. Chambers



Structure ID: 202 (3)

P2 MH048LD12ECC

MH FLAT LID w/24in ECC Hole F/G

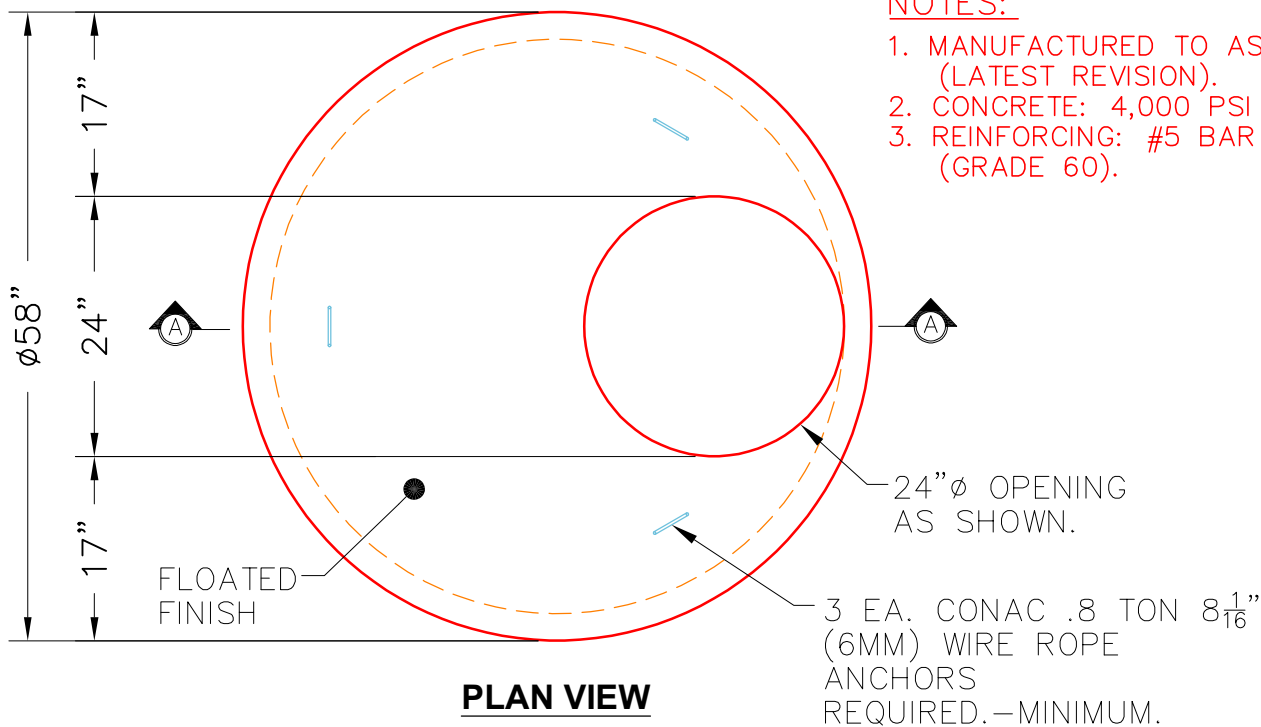
- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"
- P1) 48" - MH BASE T/n - 48"
- 1) CASTING - HOE MC-315 F/C Storm
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 26
- 1) Hole - 20

0 lb
 1561 lb
 4082 lb
 258 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5901 lb

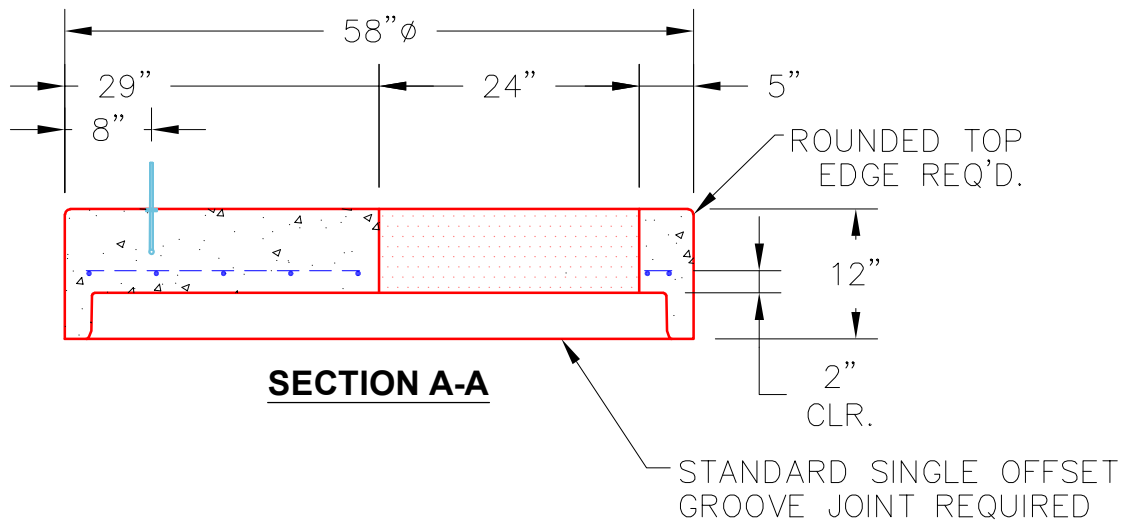
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (HOE MC-315 F/C "STORM").
 4. NO STEPS.

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



NOTES:

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



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1561 lb
 Volume (Net): 0.4cu.yd

Job Name: 25-4590 Uhlhorn Sewer Repairs
 Job Location: Evansville, IN
 Contractor: Bowen Engineering Corporation

Plant: Beaver Dam
 5/11/2026 10:20:33 AM

Tech: S. Felletter
 PC: A. Chambers



Structure ID: 203 (4)

P2 MH048LD12ECC

MH FLAT LID w/24in ECC Hole F/G

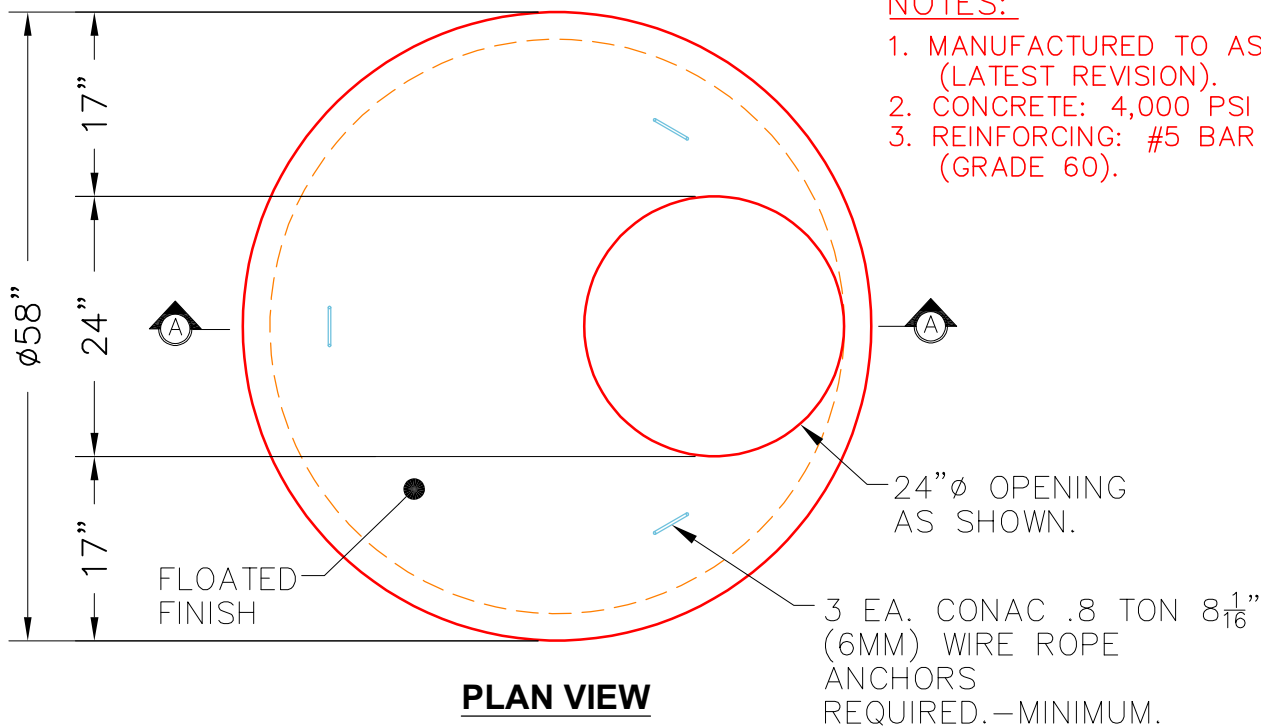
- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 53"
- 1) CASTING - HOE MC-315 F/C Storm
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 26
- 1) Hole - 20

0 lb
 1561 lb
 4431 lb
 258 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 6250 lb

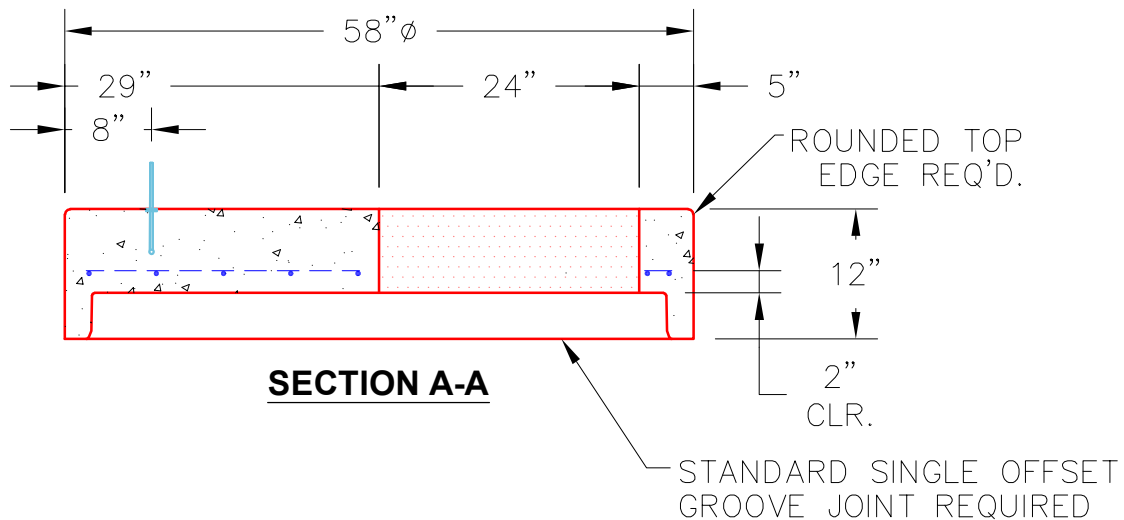
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (HOE MC-315 F/C "STORM").
 4. NO STEPS.

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



NOTES:

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



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1561 lb
 Volume (Net): 0.4cu.yd

Job Name: 25-4590 Uhlhorn Sewer Repairs	Plant: Beaver Dam	Tech: S. Felletter	
Job Location: Evansville, IN	5/11/2026 3:02:12 PM	PC: A. Chambers	
Contractor: Bowen Engineering Corporation			

Structure ID: 100 (6)

P3 MH048RS72CDARED

MH RISER w/ConBlock-CDA Red T/G

P6) 24" - CASTING HEIGHT - 7"	0 lb
P5) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P4) 48" - MH RISER w/ConBlock-CDA Red T/G - 72"	5030 lb
P3) 48" - MH RISER w/ConBlock-CDA Red T/G - 72"	5030 lb
P2) 60" - MH TRANS. SLAB ECC w/ConBlock-CDA Red T/G - 15"	2204 lb
P1) 60" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 67"	9162 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 60" - MH INVERT CHANNEL EWSU w/ConBlock-CDA Red - FULL HEIGHT	2962 lb
1) CASTING - HOE MC-315 F/C Sanitary	258 lb
1) 60" - Conseal CS-102 1.00" (Double)	0 lb
3) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) Kor-N-Seal2 - S206-30	6 lb
1) Kor-N-Seal2 - S206-22L	6 lb
Structure Total:	26621 lb

Structure Notes:

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

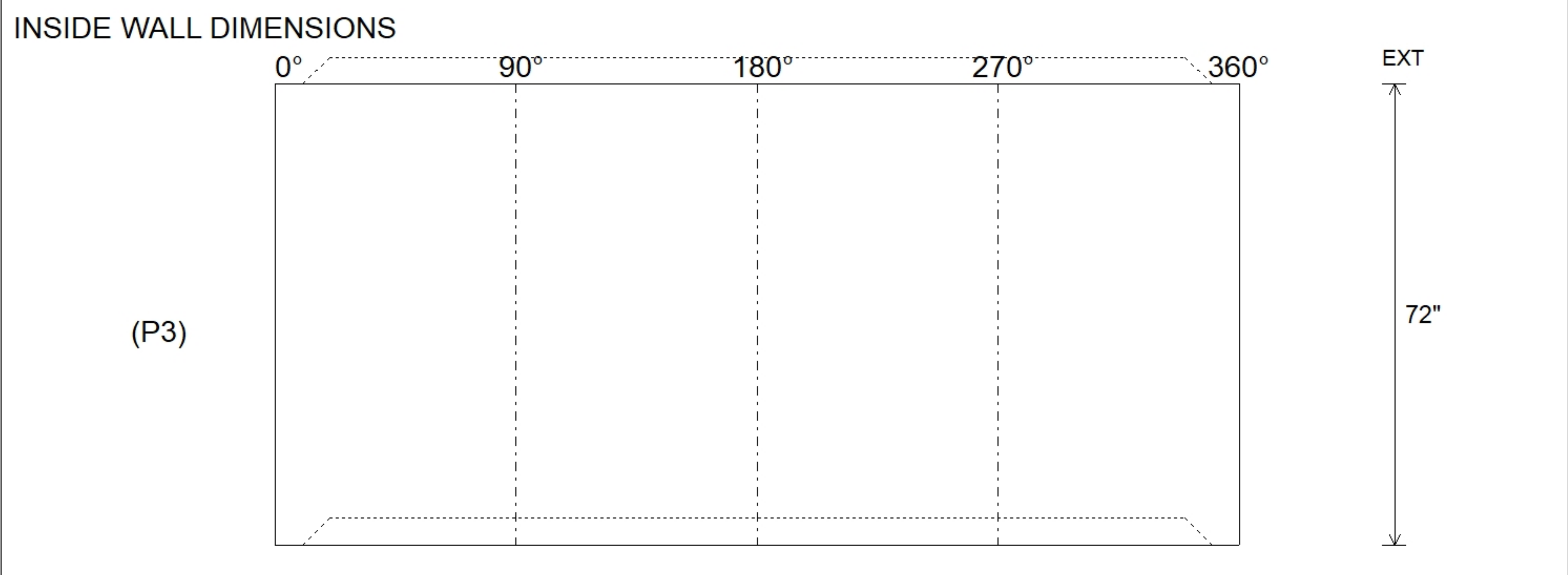
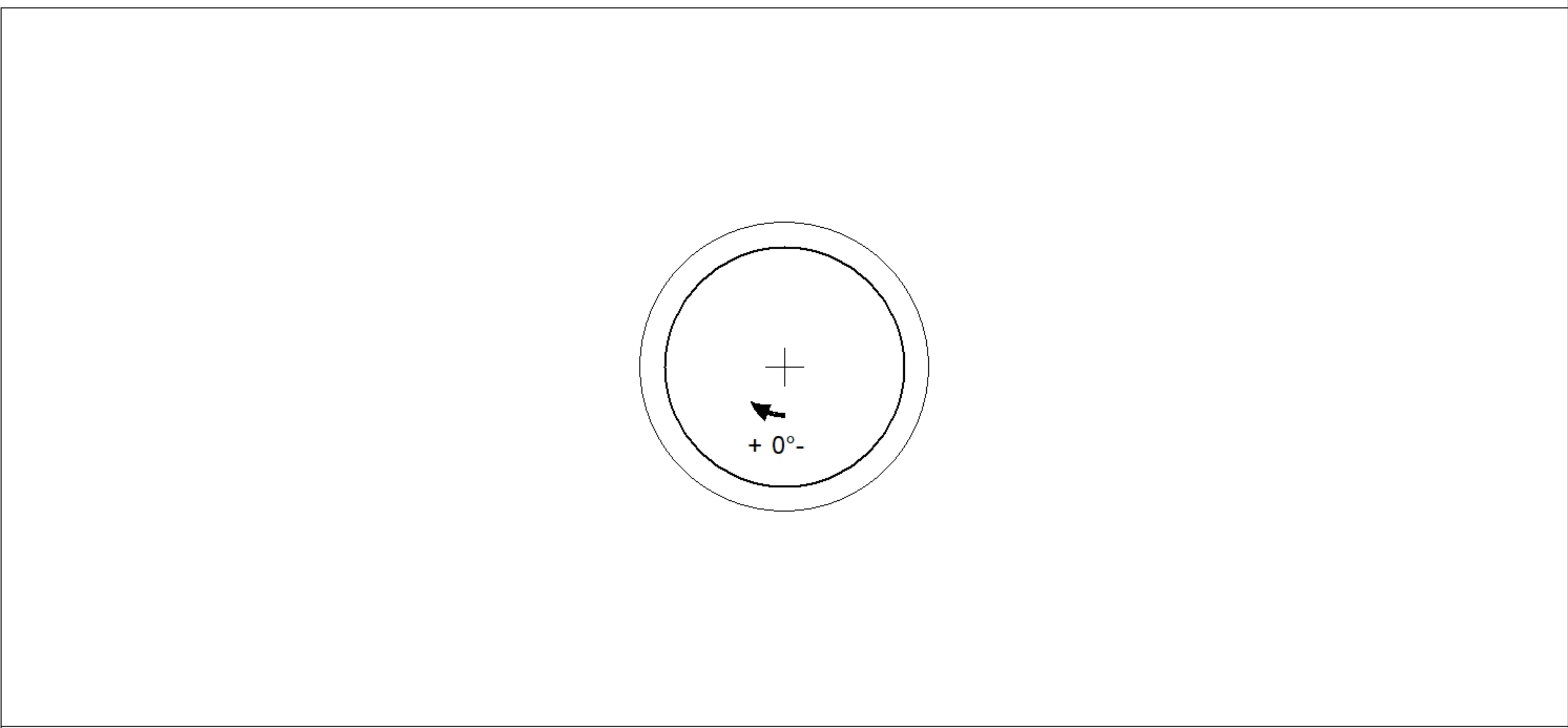
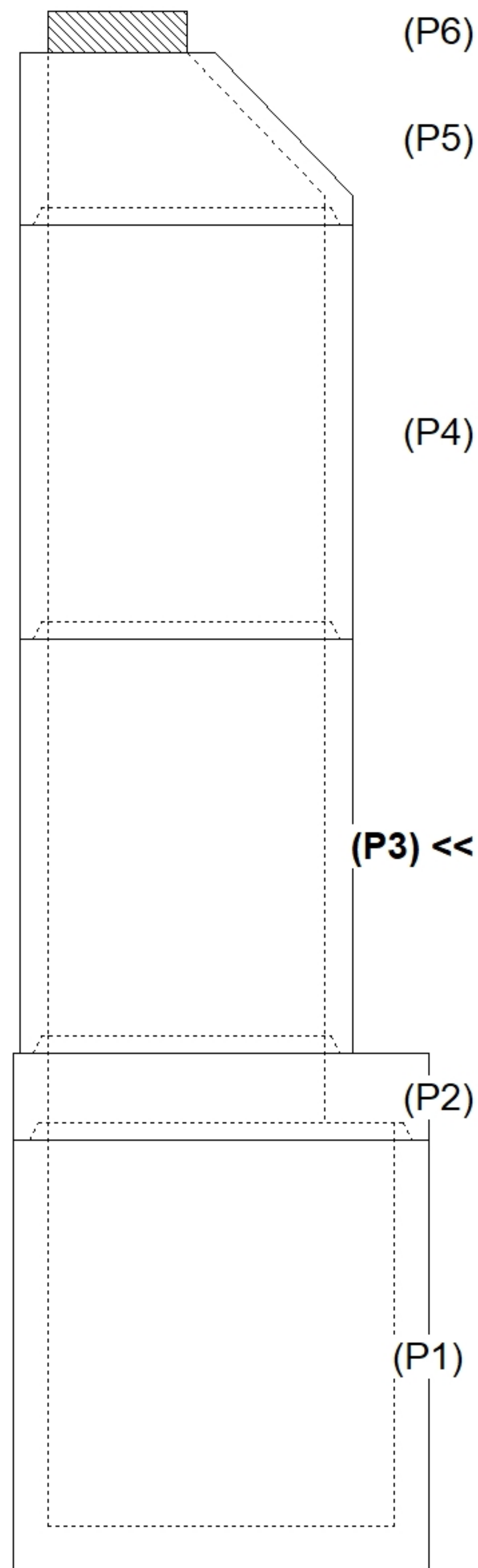
REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .18)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 379.83' Rim to Invert: 21.69' Slack: 0.28" Sump: 3" 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)



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

Job Name: 25-4590 Uhlhorn Sewer Repairs	Plant: Beaver Dam	Tech: S. Felletter	
Job Location: Evansville, IN Contractor: Bowen Engineering Corporation	5/11/2026 3:01:58 PM	PC: A. Chambers	

Structure ID: 101 (7)

P5 MH048CN30CDARED

ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G

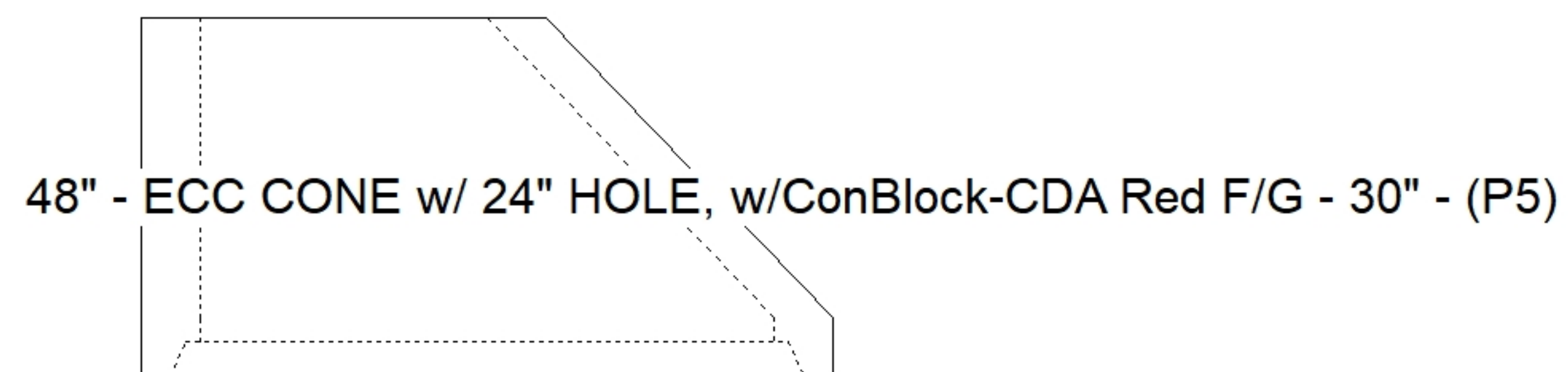
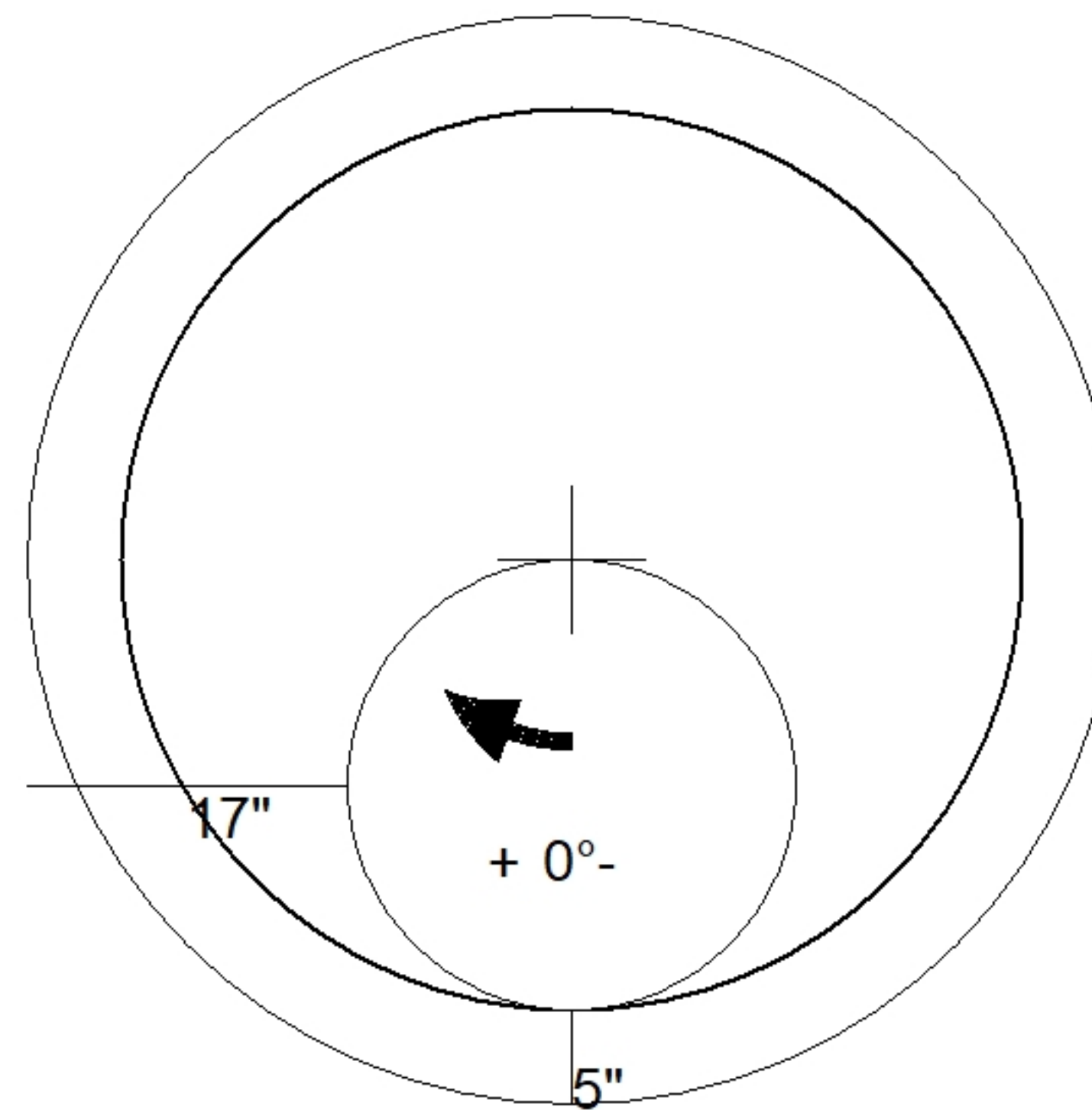
P6) 24" - CASTING HEIGHT - 7"	0 lb
P5) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P4) 48" - MH RISER w/ConBlock-CDA Red T/G - 72"	5030 lb
P3) 48" - MH RISER w/ConBlock-CDA Red T/G - 72"	5030 lb
P2) 60" - MH TRANS. SLAB ECC w/ConBlock-CDA Red T/G - 15"	2204 lb
P1) 60" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 68"	9092 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 60" - MH INVERT CHANNEL EWSU w/ConBlock-CDA Red - FULL HEIGHT	2962 lb
1) CASTING - HOE MC-315 F/C Sanitary	258 lb
1) 60" - Conseal CS-102 1.00" (Double)	0 lb
3) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) Kor-N-Seal2 - S206-30	13 lb
Structure Total:	26550 lb

Structure Notes:

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

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .18)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 30"	Weight (Net): 1961 lb Volume (Net): 0.5cu.yd
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Structure ID: 203 (4)

P1 MH048BAVF

MH BASE Custom Ht T/n

P3) 24" - CASTING HEIGHT - 7" P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12" P1) 48" - MH BASE Custom Ht T/n - 53" 1) CASTING - HOE MC-315 F/C Storm 1) 48" - Conseal CS-102 1.00" 2) Hole - 26 1) Hole - 20	0 lb 1561 lb 4431 lb 258 lb 0 lb 0 lb 0 lb ----- Structure Total: 6250 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).

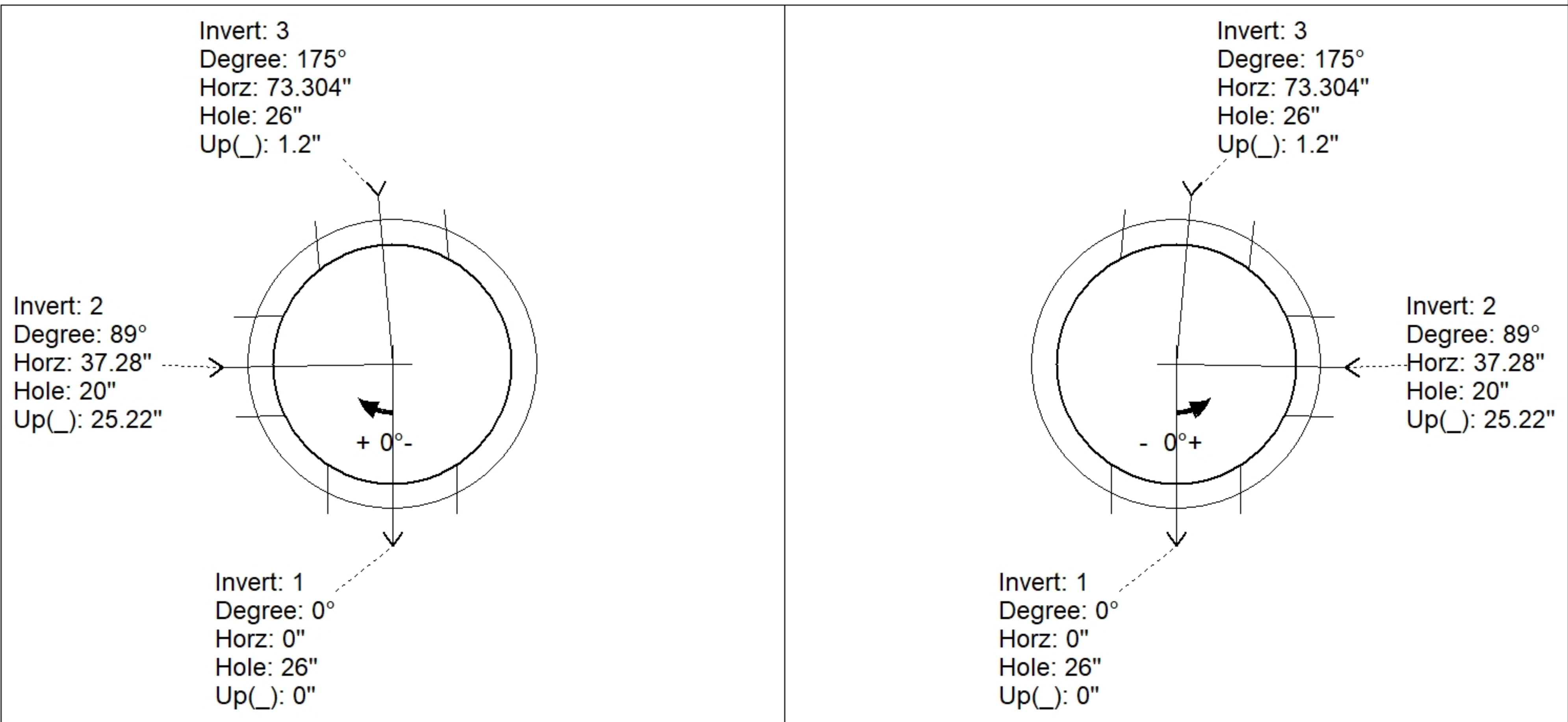
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 378.69' Rim to Invert: 5.85' Slack: 0.7" Sump: 2.5" Step Position:

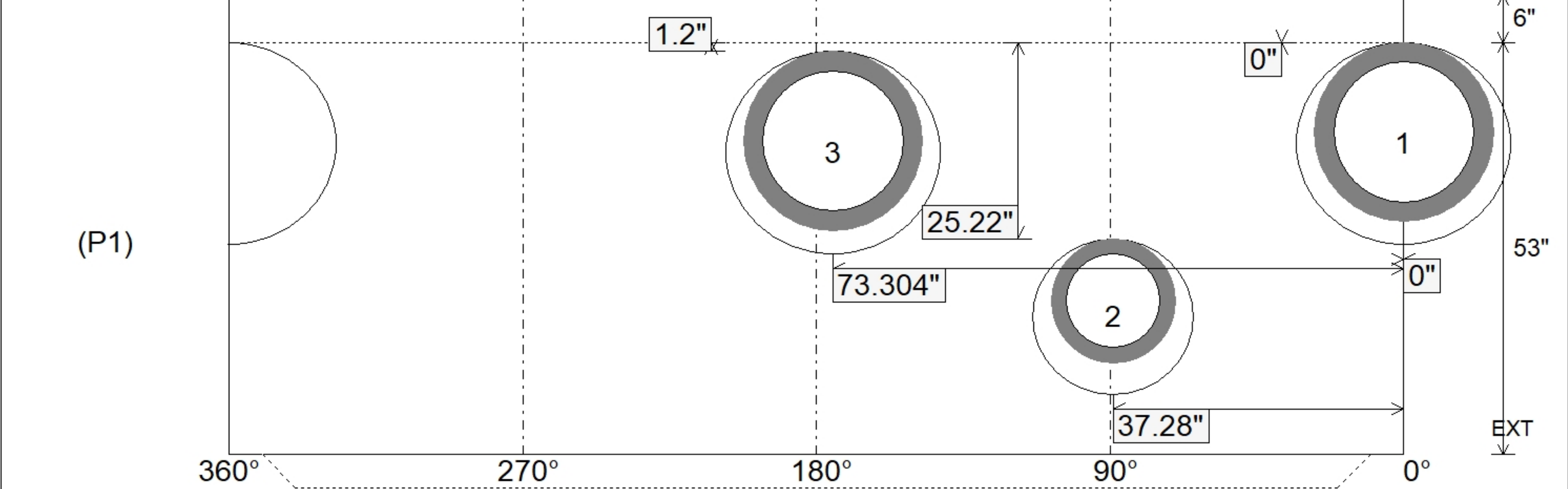
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	372.84'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"
Invert 2	374.9'	89°	45.047"	12" RCP B WALL	16"	Hole 20	20"	20.629"	25.22"	0"
Invert 3	372.94'	175°	88.575"	18" RCP B WALL	23"	Hole 26	26"	27.476"	1.2"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 53"
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 59"
		Weight (Net): 4431 lb	
		Volume (Net): 1.13cu.yd	

Job Name: 26-1228 - L&N Federal Credit Union
 Job Location: Louisville, KY 40243
 Contractor: H & W Landworks

Plant: 100

5/6/2026 12:05:51 PM

Tech: Jared - A

PC: T. Lewis



Structure ID: S-5-6 ST-MH

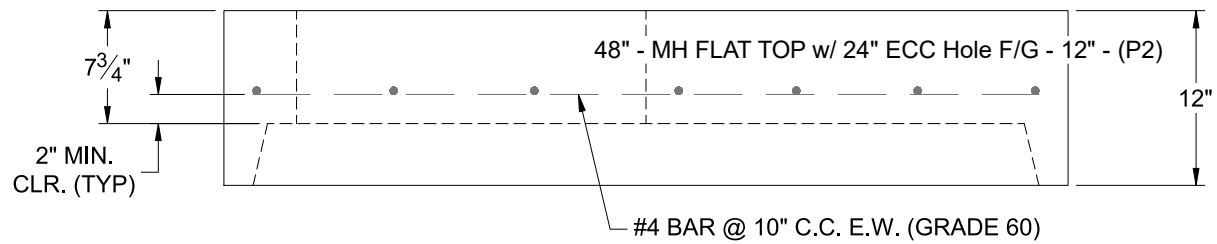
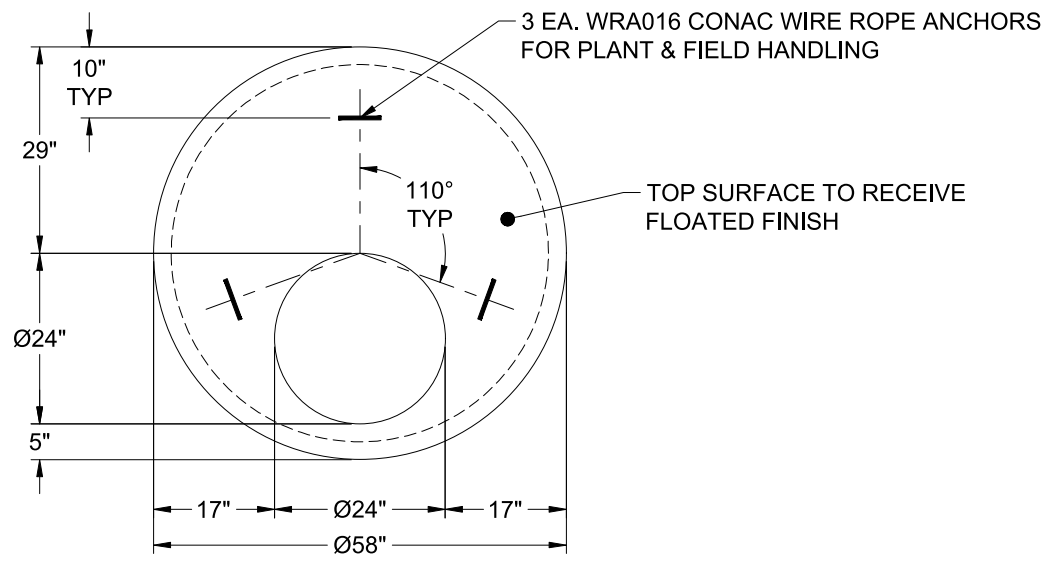
P2 MH048LD12ECC

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

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING F/F - 4"
- P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
- P1) 48" - MH BASE T/n - 30"
- 1) CASTING - HOE MC-420 F/C Storm
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 16
- 1) Hole - 18
- 3) MH Step ML-10-TDS-NCR - 10"

	0 lb
	270 lb
	1561 lb
	3231 lb
	340 lb
	0 lb
	0 lb
	0 lb
	0 lb
	0 lb
Structure Total:	5402 lb

- Structure Notes:
1. PER LOUISVILLE MSD / ASTM C-478 SPECS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #4 BAR @ 10" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. HOE MC-420 FRAME & COVER "STORM MSD" SUPPLIED BY ICAST
 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: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 12"	Weight (Net): 1561 lb Volume (Net): 0.42cu.yd
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Job Name: 26-1228 - L&N Federal Credit Union
 Job Location: Louisville, KY 40243
 Contractor: H & W Landworks

Plant: 100

Tech: Jared - A

5/6/2026 12:05:20 PM

PC: T. Lewis



Structure ID: S-6-7 CB1

P1 MH048BA36

MH BASE T/n

- P3) 34" x 34" - CASTING HEIGHT - 3"
- P2) 48" - MH FLAT TOP w/34"x34" Hole F/G - 12"
- P1) 48" - MH BASE T/n - 36"
- 1) CASTING - HOE 595 F/G
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 18
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 1194 lb
 3627 lb
 376 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5197 lb

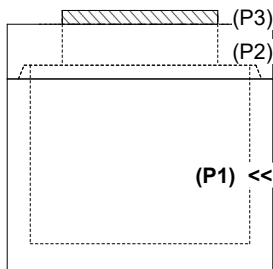
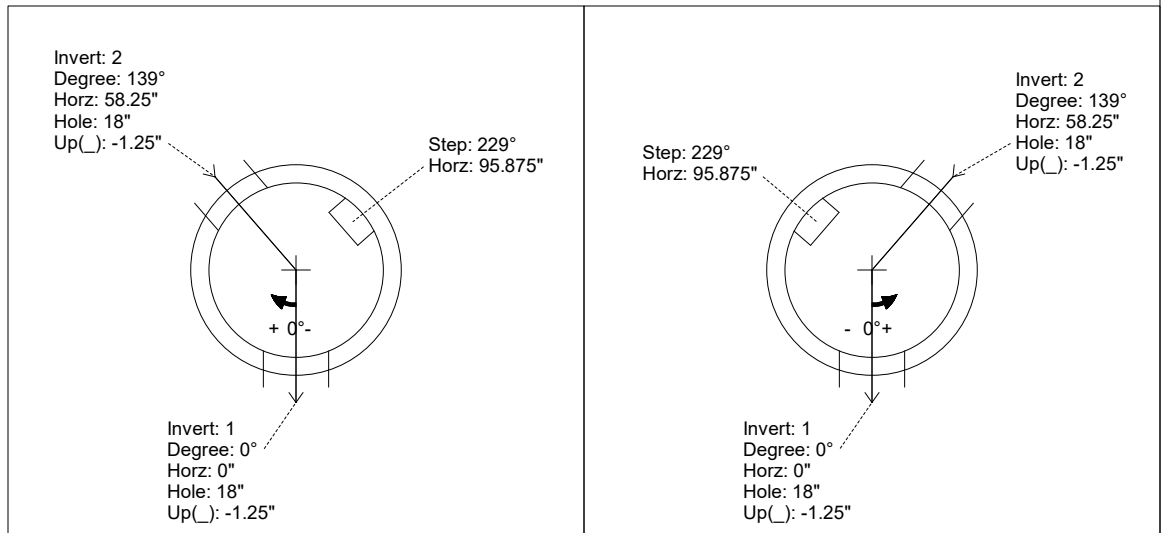
- Structure Notes:**
1. PER LOUISVILLE MSD / ASTM C-478 SPECS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. NO STORM INVERT
 5. STEPS AT 229 DEGREES
 6. HOE 595 FRAME & GRATES SUPPLIED BY ICAST

Rim: 747.25' Rim to Invert: 4.45' Slack: 2.4' Sump: 0' Step Position: 229

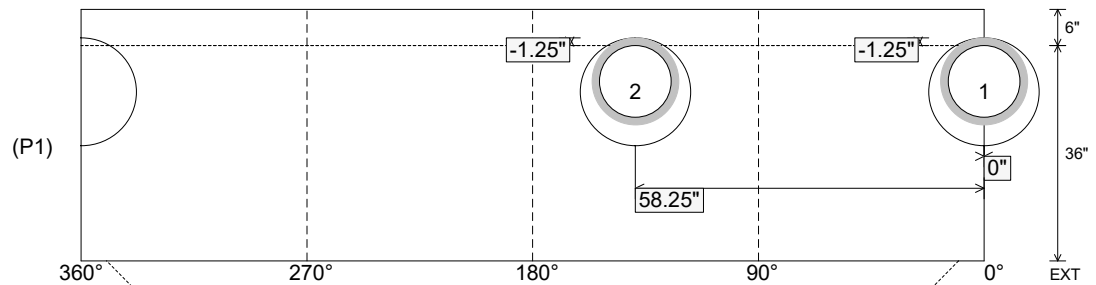
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	742.8'	0°	0"	12" ADS N-12	14.5"	Hole 18	18"	18.451"	-1.25"	0"
Invert 2	742.8'	139°	70.375"	12" ADS N-12	14.5"	Hole 18	18"	18.451"	-1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3627 lb
 Volume (Net): 0.93cu.yd

Structure ID: FMH2-41 SS-MH

P2 MH048RS60

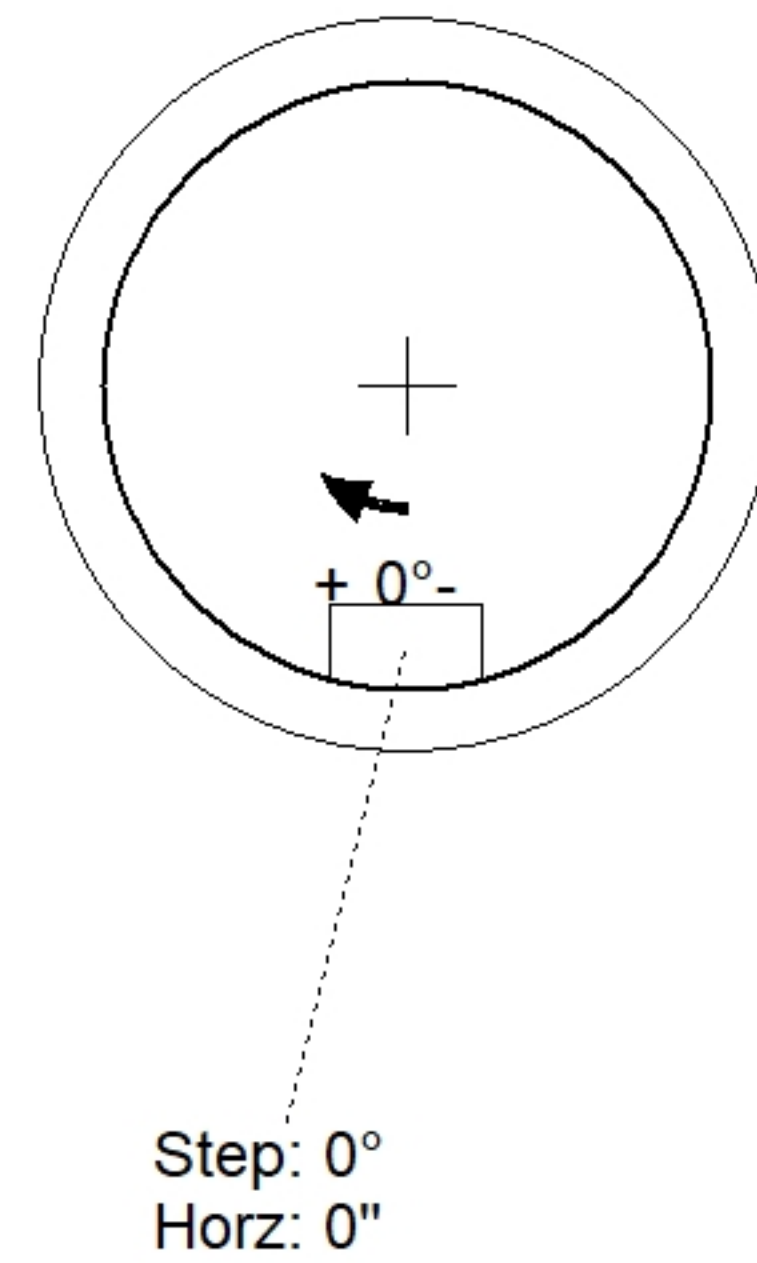
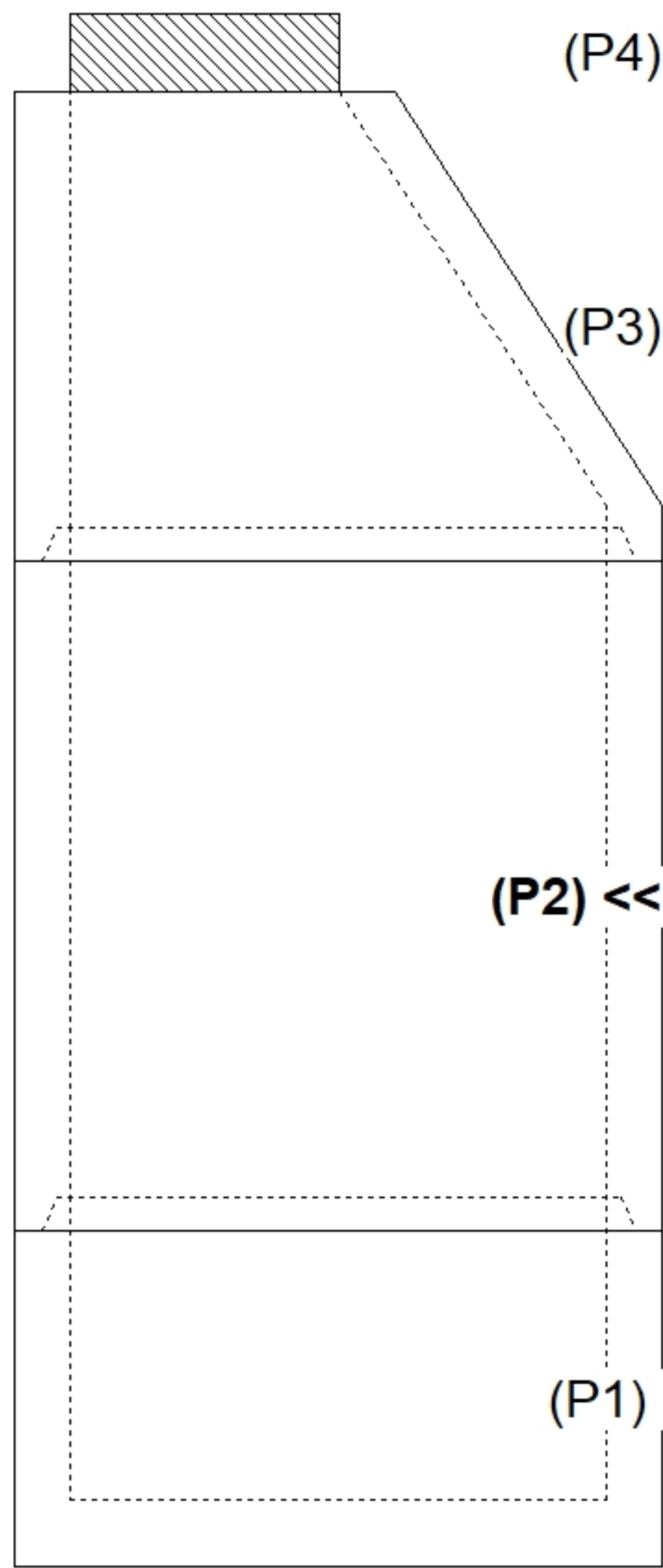
MH RISER T/G

P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE F/G - 42" P2) 48" - MH RISER T/G - 60" P1) 48" - MH BASE T/n - 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) PSX - 12-08 DD (DBL Bands) 10) MH Step ML-10-TDS-NCR - 10"	0 lb 3200 lb 4192 lb 2911 lb 0 lb 0 lb 1440 lb 0 lb 16 lb 0 lb ----- Structure Total: 11759 lb	Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY OTHERS. REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
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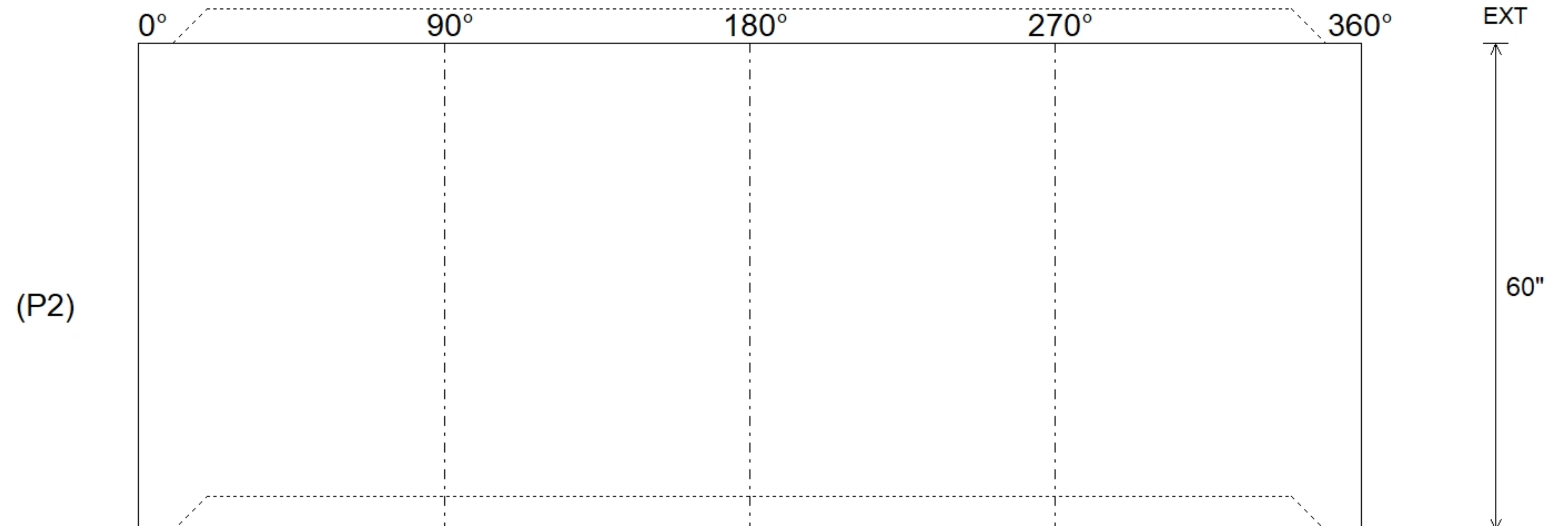
Rim: 495.53' Rim to Invert: 11.13' Slack: 2.56" Sump: 2" Step Position: 0°

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: 26-1210 Sacramento Gravity Sewer	Plant: Beaver Dam	Tech: S. Felletter	
Job Location: Sacramento, KY Contractor: Scott & Ritter, Inc.	4/24/2026 8:10:27 AM	PC: T. Lewis	

Structure ID: DMH9-36 SS-MH

P2 MH048RS48

MH RISER T/G

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING F/F - 4"	270 lb
P3) 48" - ECC CONE w/ 24" HOLE F/G - 24"	1550 lb
P2) 48" - MH RISER T/G - 48"	3353 lb
P1) 48" - MH BASE T/n - 42"	4121 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
3) PSX - 12-08 DD (DBL Bands)	24 lb
9) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10758 lb

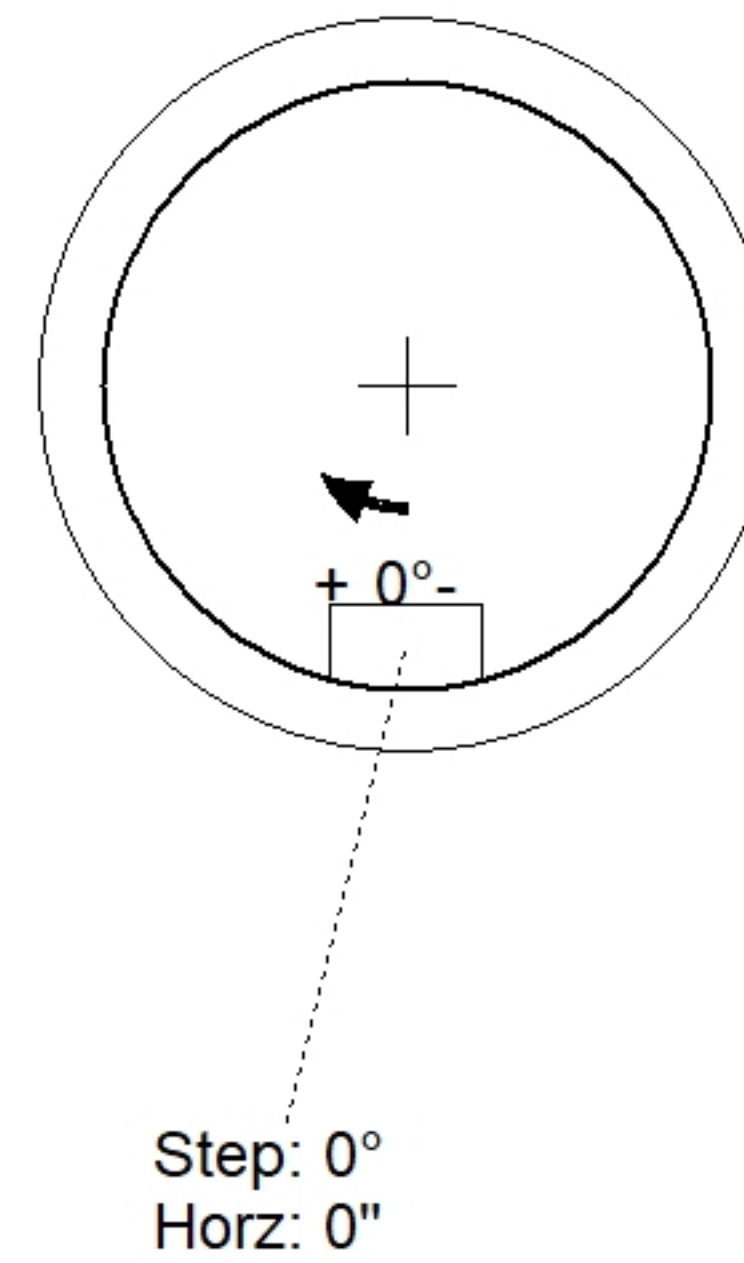
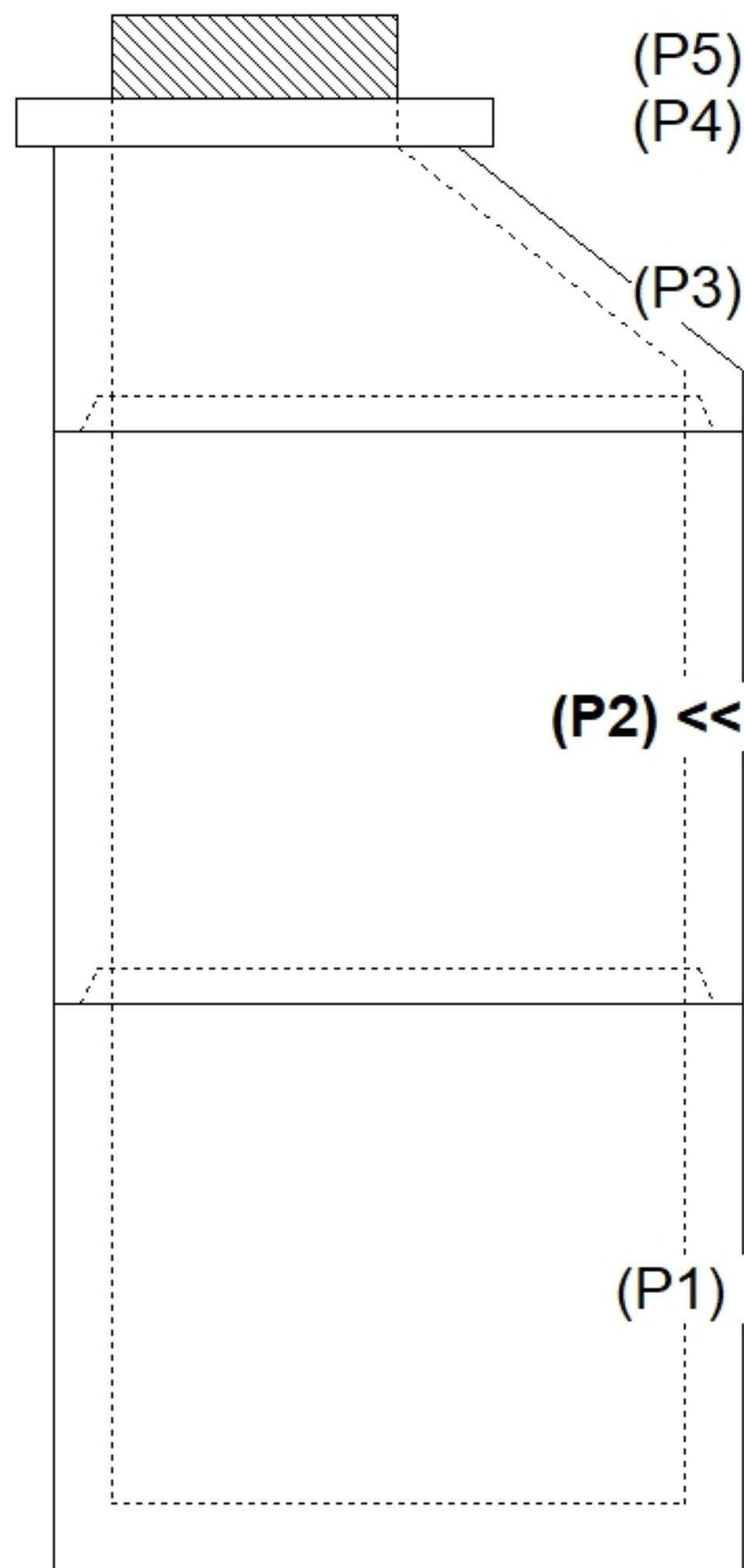
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY OTHERS.

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

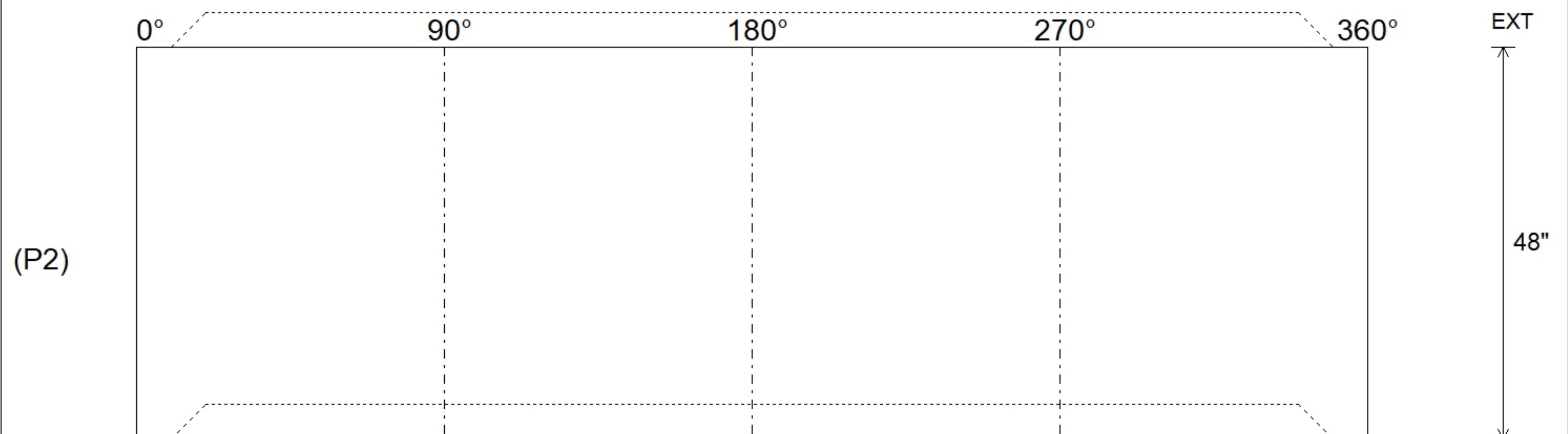
Rim: 491.04' Rim to Invert: 10.3' Slack: 0.6" Sump: 2" Step Position: 0°

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):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 48"	Weight (Net): 3353 lb
Coating (Ext):	Seam Dn: Groove	Floor Height: 0"	Height (Ext): 48"	Volume (Net): 0.86cu.yd

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

Plant: Beaver Dam

4/28/2026 8:55:49 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: SSMH-237

P1 MH048BAVF

MH BASE Custom Ht

- 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 Custom Ht - 25"
- 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)
- 1) 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**

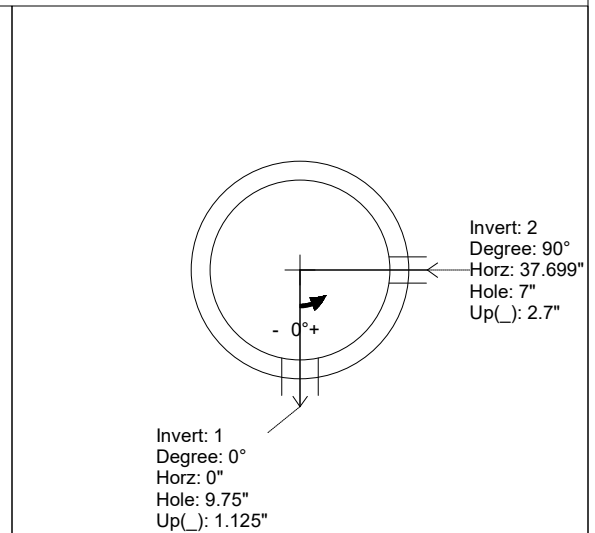
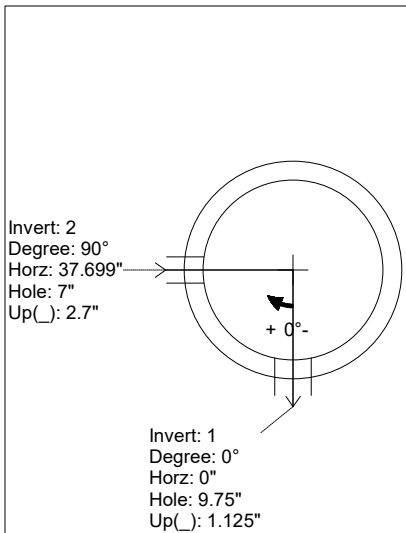
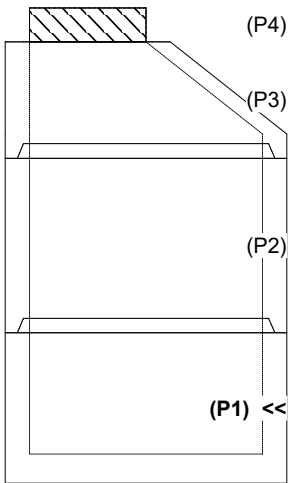
Structure Total: 8536 lb

Rim: 868.7' Rim to Invert: 7.5' Slack: 0" Sump: 2" Step Position:

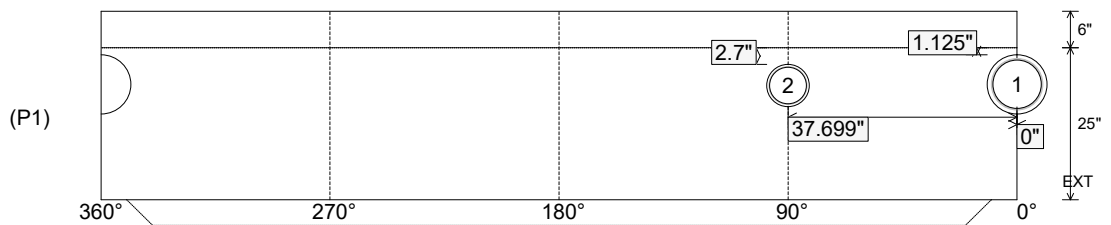
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	861.2'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	861.3'	90°	45.553"	6" PVC SDR35	6.25"	A-Lok 0200	7"	7.025"	2.7"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 25"
 Height (Ext): 31"

Weight (Net): 3029 lb
 Volume (Net): 0.77cu.yd

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

Plant: Beaver Dam

4/28/2026 8:55:49 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: SSMH-237

P1 MH048BAVF

MH BASE Custom Ht

- 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 Custom Ht - 25"
- 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)
- 1) 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: 8536 lb

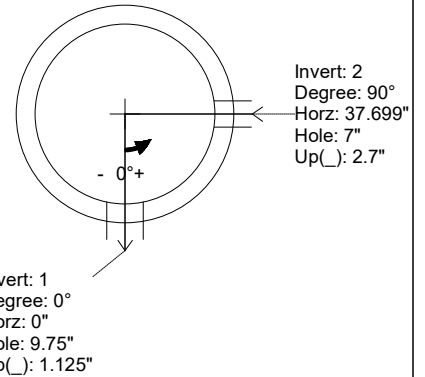
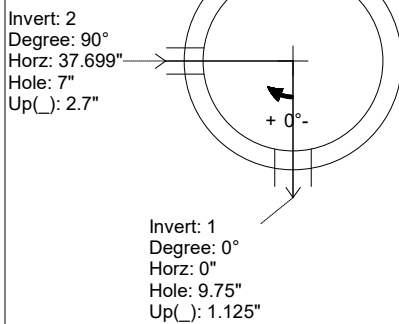
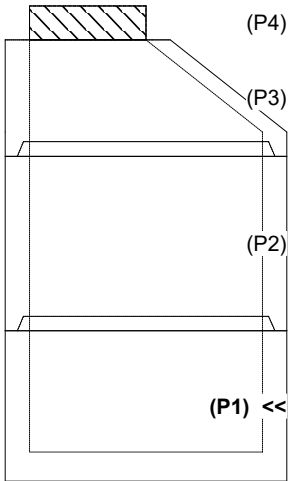
**INVERT CHANNEL DRAWING
 FULL HEIGHT INVERT**

Rim: 868.7' Rim to Invert: 7.5' Slack: 0" Sump: 2" Step Position:

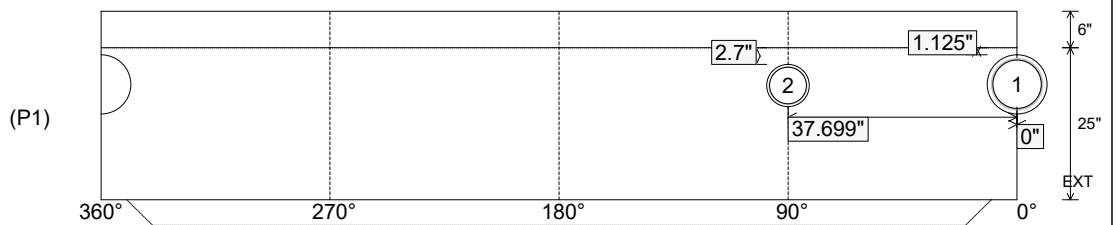
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	861.2'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	861.3'	90°	45.553"	6" PVC SDR35	6.25"	A-Lok 0200	7"	7.025"	2.7"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 25"
 Height (Ext): 31"

Weight (Net): 3029 lb
 Volume (Net): 0.77cu.yd

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

Plant: Beaver Dam

Tech: J. Coppage

4/28/2026 8:55:49 AM

PC: A. Chambers



Structure ID: SSMH-41

P1 MH048BA36

MH BASE

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING - 3"
- P2) 48" - ECC CONE w/ 24" HOLE NO STEP - 42"
- P1) 48" - MH BASE - 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
- 1) 48" - Conseal CS-102 1.00" (Double)
- 1) 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**

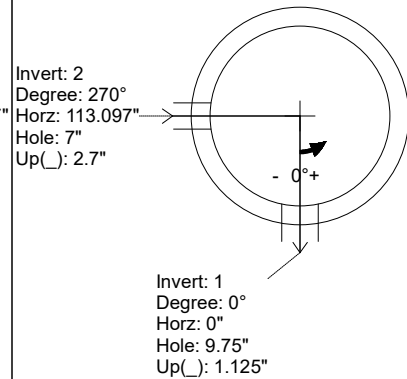
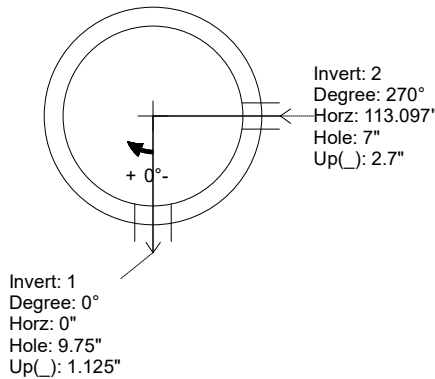
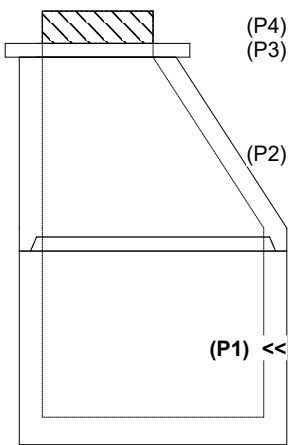
Structure Total: 8442 lb

Rim: 868.13' Rim to Invert: 7.23' Slack: 0.76" Sump: 2" Step Position:

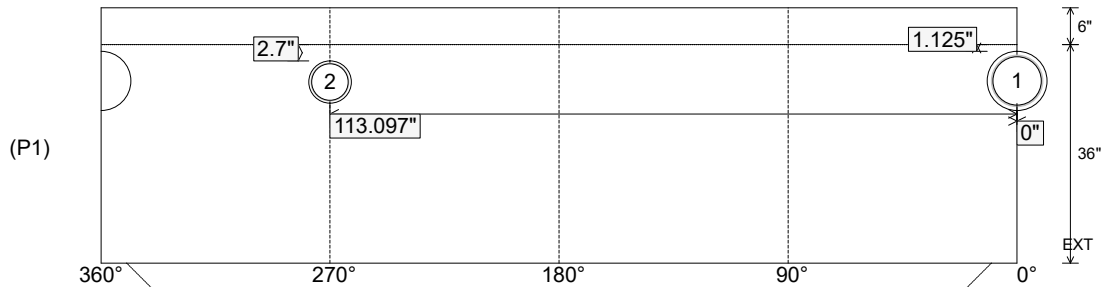
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	860.9'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	861'	270°	136.659"	6" PVC SDR35	6.25"	A-Lok 0200	7"	7.025"	2.7"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3797 lb
 Volume (Net): 0.97cu.yd

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

Plant: Beaver Dam

Tech: J. Coppage

4/28/2026 8:55:49 AM

PC: A. Chambers



Structure ID: SSMH-41

P1 MH048BA36

MH BASE

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING - 3"
- P2) 48" - ECC CONE w/ 24" HOLE NO STEP - 42"
- P1) 48" - MH BASE - 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
- 1) 48" - Conseal CS-102 1.00" (Double)
- 1) 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: 8442 lb

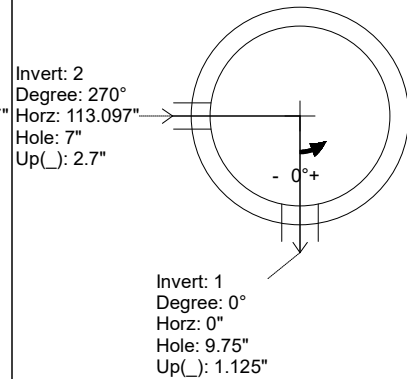
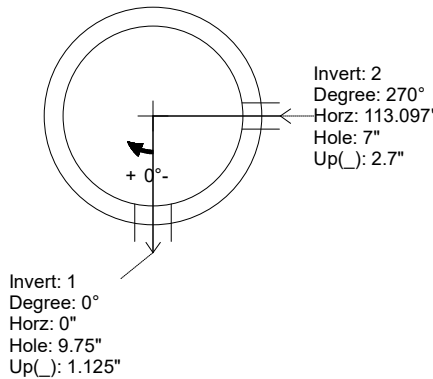
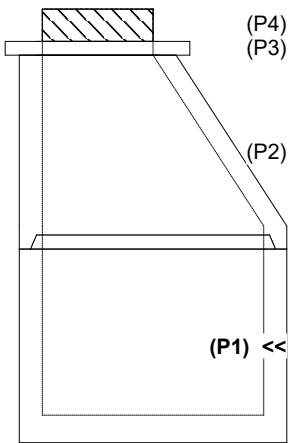
**INVERT CHANNEL DRAWING
 FULL HEIGHT INVERT**

Rim: 868.13' Rim to Invert: 7.23' Slack: 0.76" Sump: 2" Step Position:

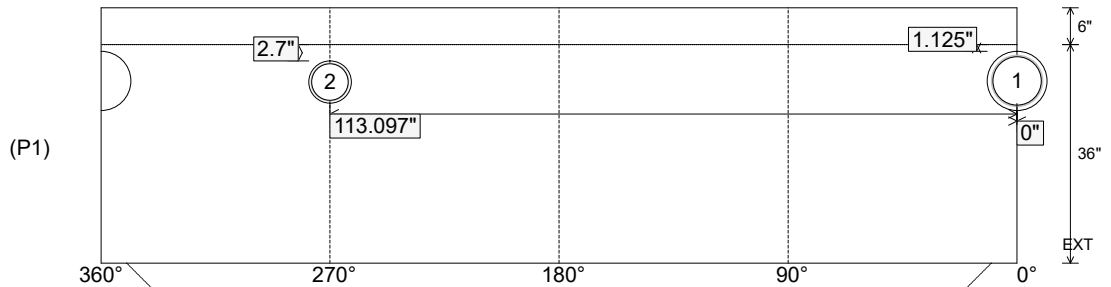
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	860.9'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	861'	270°	136.659"	6" PVC SDR35	6.25"	A-Lok 0200	7"	7.025"	2.7"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3797 lb
 Volume (Net): 0.97cu.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-236

P1 MH048BA36

MH BASE

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE NO STEP - 36"
- P1) 48" - MH BASE - 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
- 1) 48" - Conseal CS-102 1.00" (Double)
- 1) 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**

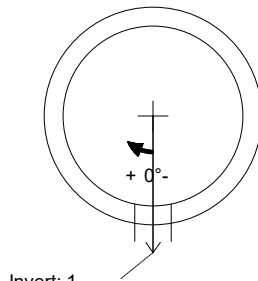
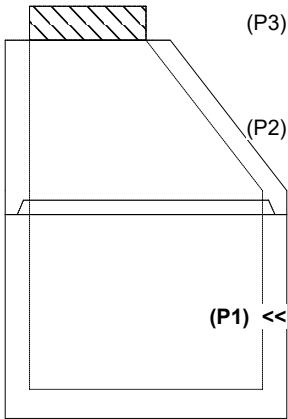
Structure Total: 8255 lb

Rim: 871.07' Rim to Invert: 6.47' Slack: 0.64" Sump: 2" Step Position:

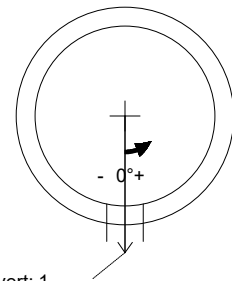
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	864.6'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

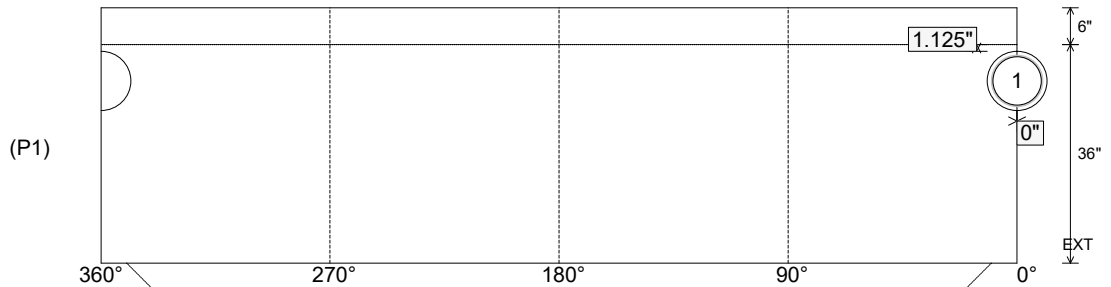


Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 9.75"
 Up(): 1.125"



Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 9.75"
 Up(): 1.125"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3814 lb
 Volume (Net): 0.97cu.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-236

P1 MH048BA36

MH BASE

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE NO STEP - 36"
- P1) 48" - MH BASE - 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
- 1) 48" - Conseal CS-102 1.00" (Double)
- 1) 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: 8255 lb

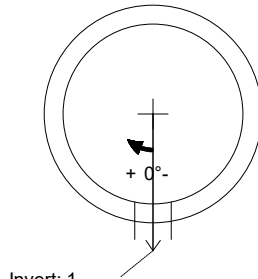
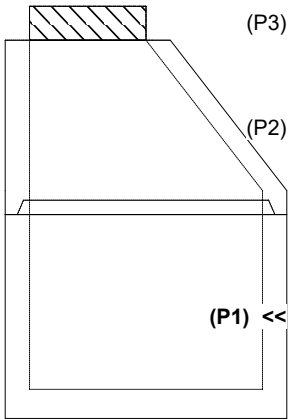
**INVERT CHANNEL DRAWING
 FULL HEIGHT INVERT**

Rim: 871.07' Rim to Invert: 6.47' Slack: 0.64" Sump: 2" Step Position:

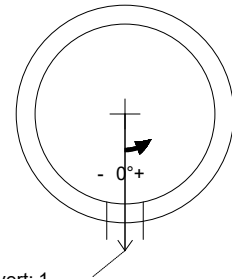
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	864.6'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

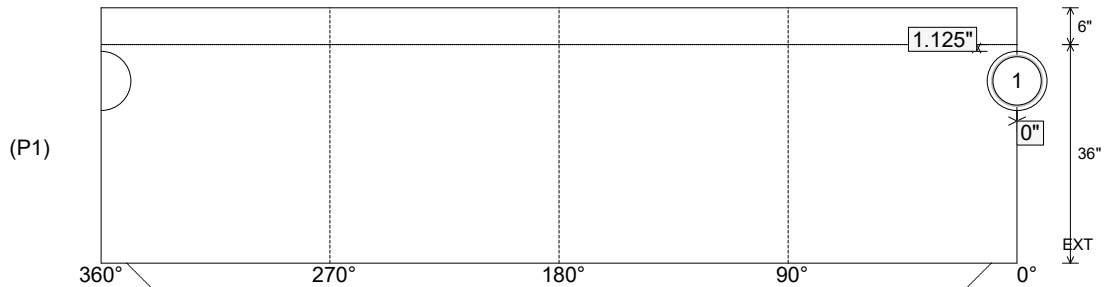


Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 9.75"
 Up(): 1.125"



Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 9.75"
 Up(): 1.125"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3814 lb
 Volume (Net): 0.97cu.yd

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

Plant: Beaver Dam
 4/23/2026 8:35:53 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: FMH2-41 SS-MH

P1 MH048BA24

MH BASE T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE F/G - 42"
- P2) 48" - MH RISER T/G - 60"
- P1) 48" - MH BASE T/n - 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) PSX - 12-08 DD (DBL Bands)
- 10) MH Step ML-10-TDS-NCR - 10"

0 lb
 3200 lb
 4192 lb
 2911 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 11759 lb

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

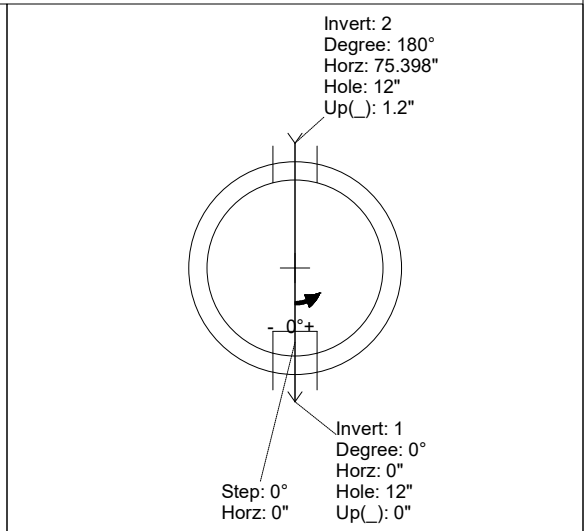
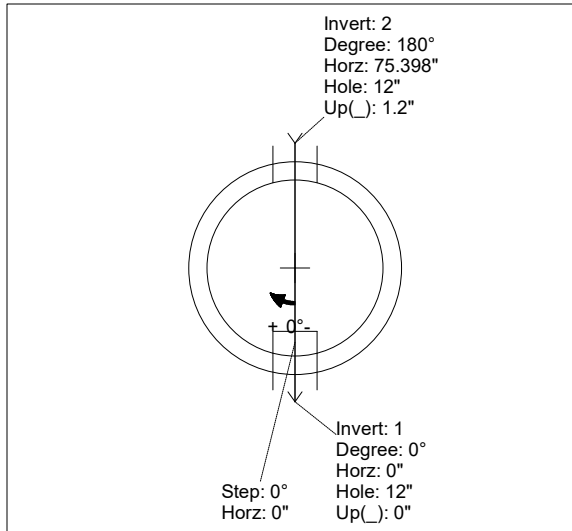
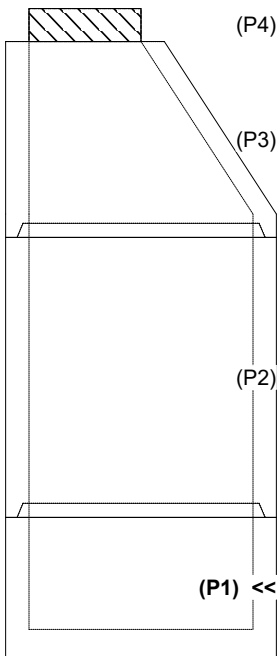
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 495.53' Rim to Invert: 11.13' Slack: 2.56" Sump: 2" Step Position: 0°

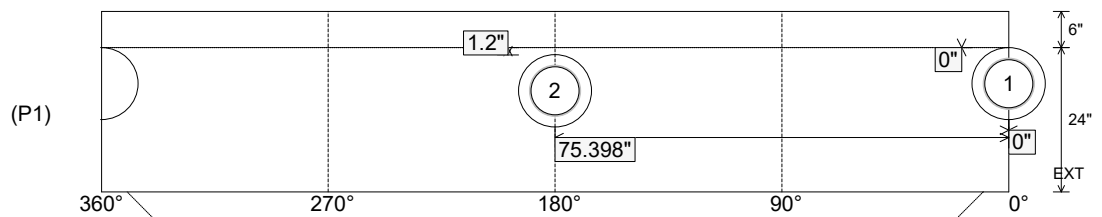
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	484.4'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	484.5'	180°	91.106"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 24"
 Height (Ext): 30"

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

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

Plant: Beaver Dam
 4/23/2026 8:35:53 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: FMH2-41 SS-MH

P1 MH048BA24

MH BASE T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE F/G - 42"
- P2) 48" - MH RISER T/G - 60"
- P1) 48" - MH BASE T/n - 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) PSX - 12-08 DD (DBL Bands)
- 10) MH Step ML-10-TDS-NCR - 10"

0 lb
 3200 lb
 4192 lb
 2911 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 11759 lb

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

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

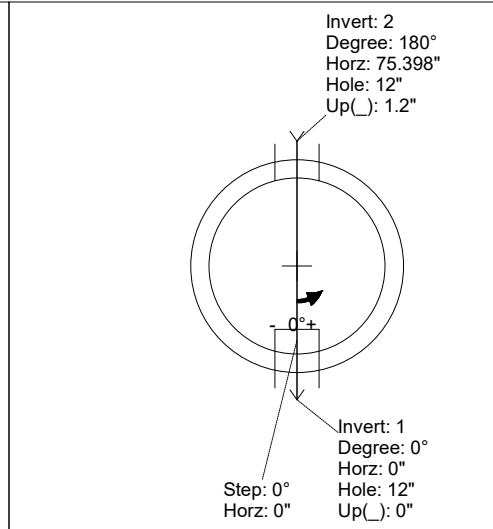
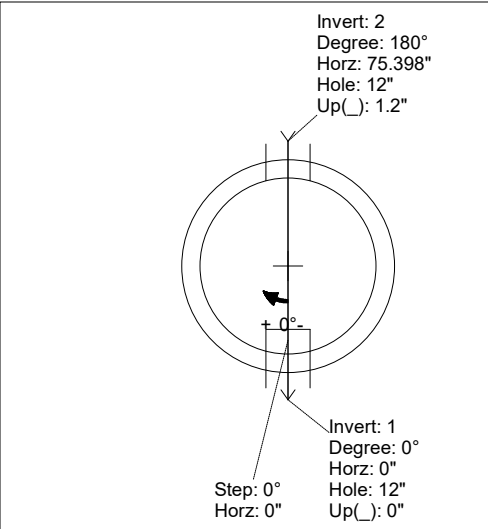
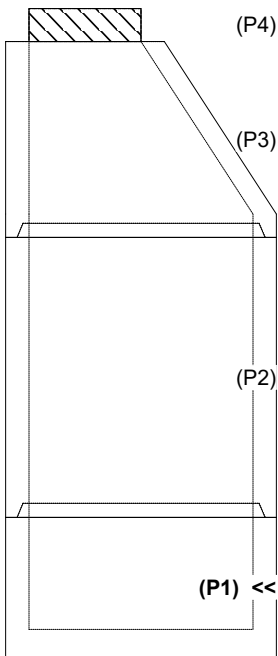
Invert channel drawing - full height invert

Rim: 495.53' Rim to Invert: 11.13' Slack: 2.56" Sump: 2" Step Position: 0°

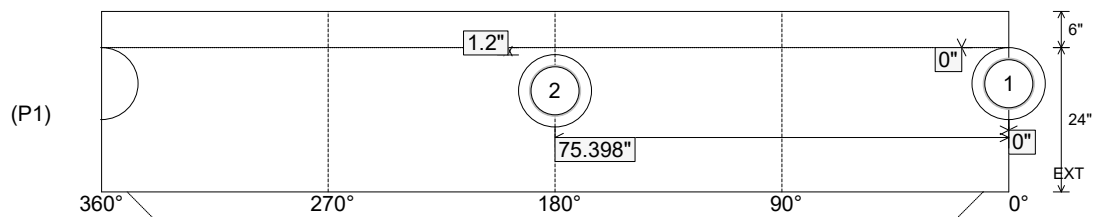
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	484.4'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	484.5'	180°	91.106"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 24"
 Height (Ext): 30"

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

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

Plant: Beaver Dam
 4/23/2026 8:35:52 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: EMH2-40 SS-MH

P1 MH048BA24

MH BASE T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 36"	3000 lb
P1) 48" - MH BASE T/n - 24"	2938 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 DD (DBL Bands)	8 lb
1) PSX - 8QRS DD (DBL Bands)	6 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7392 lb

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

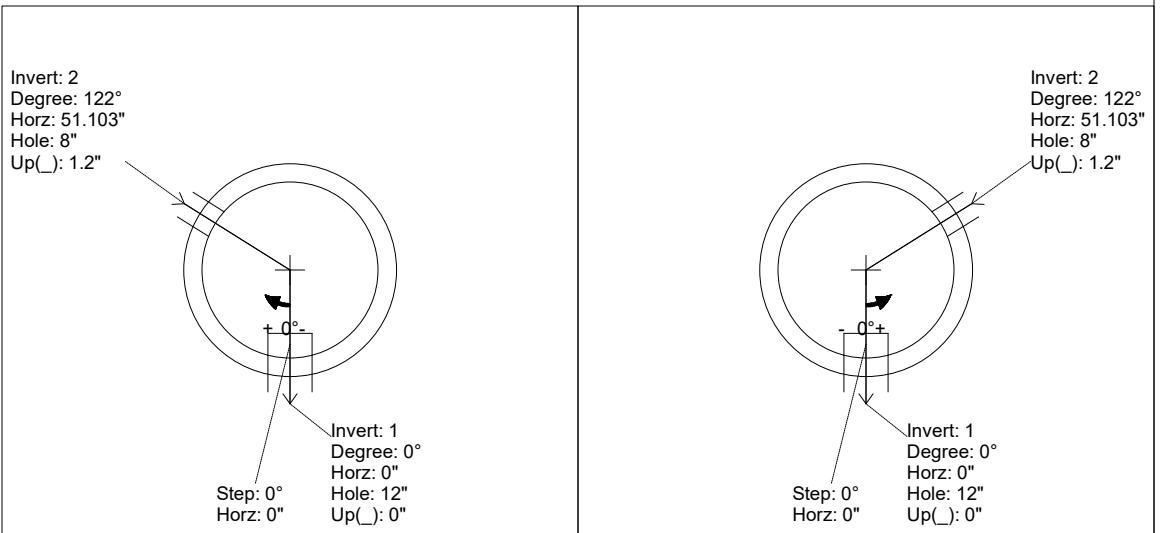
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 487.72' Rim to Invert: 5.45' Slack: 0.4" Sump: 2" Step Position: 0°

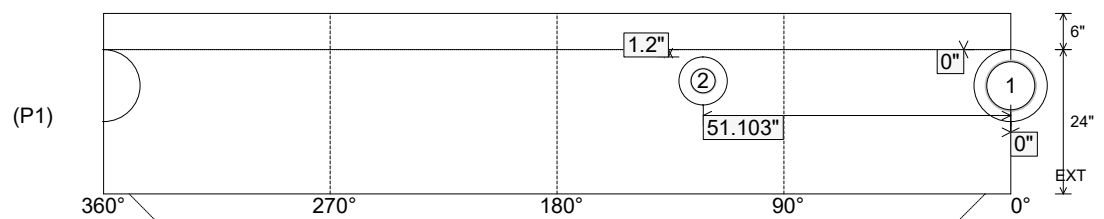
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	482.27'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	482.37'	122°	61.75"	4" PVC SDR35	4.25"	PSX 8QRS DD (DBL Bands)	8"	8.038"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2938 lb Volume (Net): 0.75cu.yd
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Job Name: 26-1210 Sacramento Gravity Sewer
 Job Location: Sacramento, KY
 Contractor: Scott & Ritter, Inc.

Plant: Beaver Dam
 4/23/2026 8:35:52 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: EMH2-40 SS-MH

P1 MH048BA24

MH BASE T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 36"	3000 lb
P1) 48" - MH BASE T/n - 24"	2938 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 DD (DBL Bands)	8 lb
1) PSX - 8QRS DD (DBL Bands)	6 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7392 lb

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

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

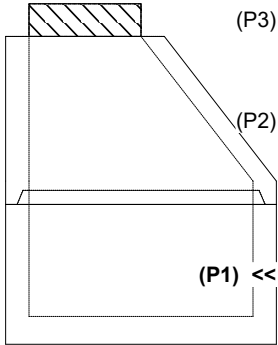
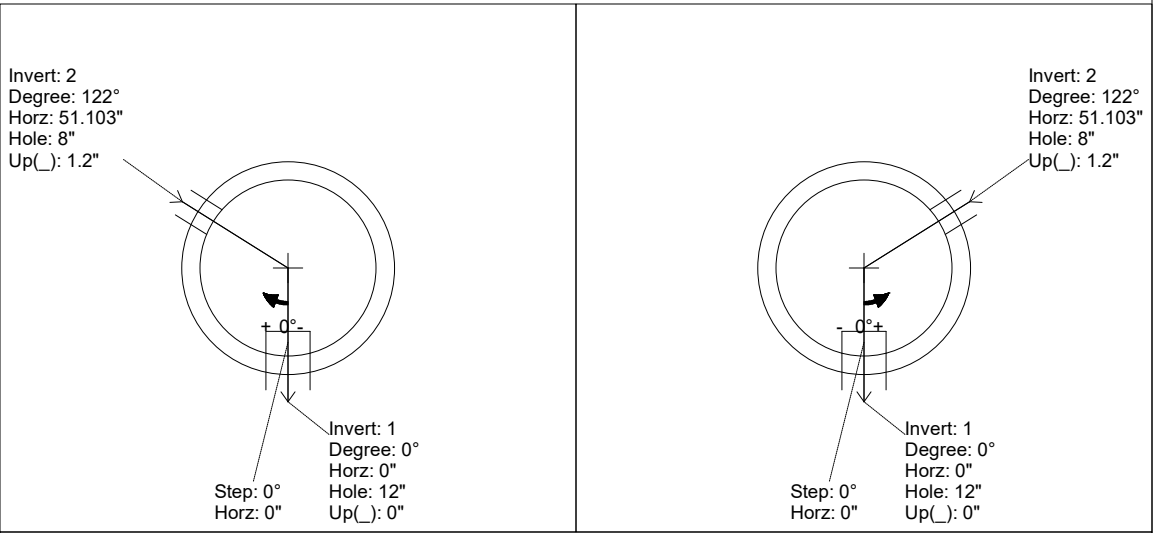
Invert channel drawing - full height invert

Rim: 487.72' Rim to Invert: 5.45' Slack: 0.4" Sump: 2" Step Position: 0°

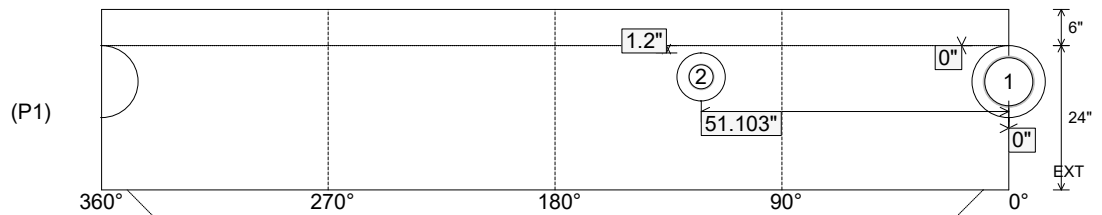
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	482.27'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	482.37'	122°	61.75"	4" PVC SDR35	4.25"	PSX 8QRS DD (DBL Bands)	8"	8.038"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2938 lb Volume (Net): 0.75cu.yd
----------------------------------	---------------------------------	--	--	--

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

Plant: Beaver Dam
 4/23/2026 8:35:51 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH11-38 SS-MH

P1 MH048BA24

MH BASE T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"	2050 lb
P1) 48" - MH BASE T/n - 24"	2938 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 DD (DBL Bands)	8 lb
1) PSX - 8QRS DD (DBL Bands)	6 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6442 lb

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

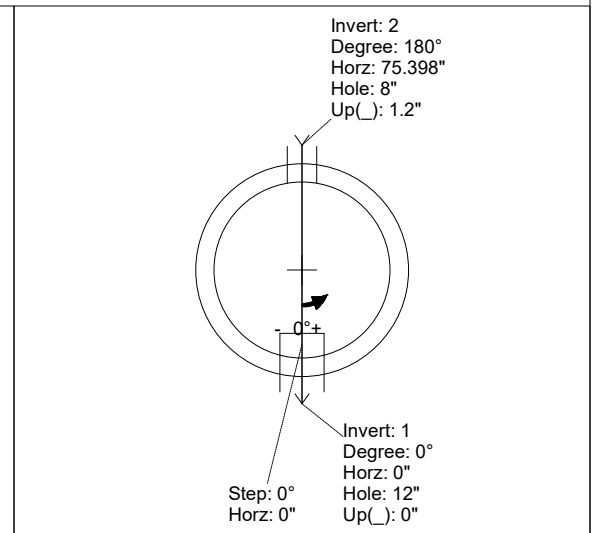
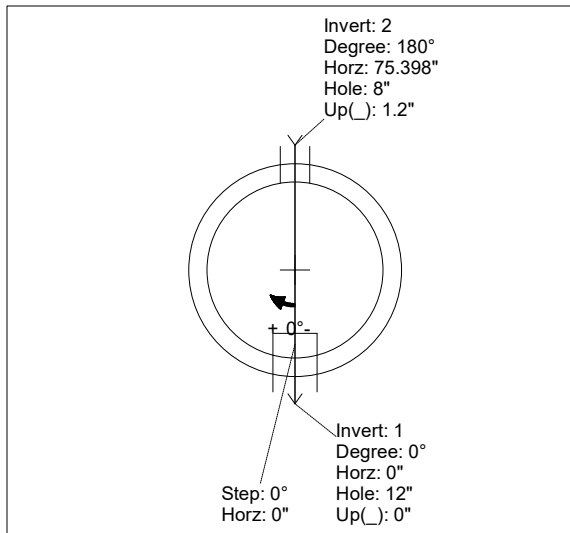
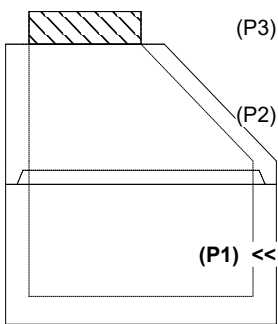
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 498.25' Rim to Invert: 4.93' Slack: 0.16" Sump: 2" Step Position: 0°

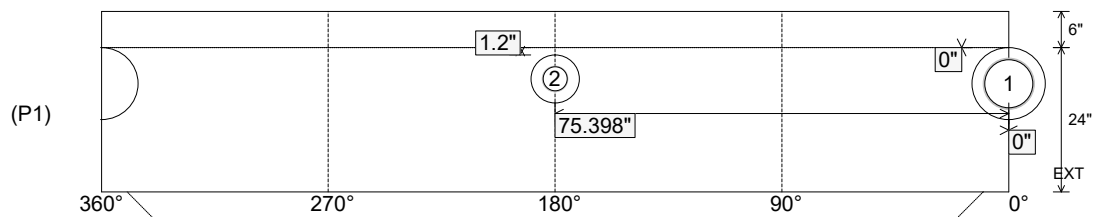
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	493.32'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	493.42'	180°	91.106"	4" PVC SDR35	4.25"	PSX 8QRS DD (DBL Bands)	8"	8.038"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2938 lb Volume (Net): 0.75cu.yd
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Job Name: 26-1210 Sacramento Gravity Sewer
 Job Location: Sacramento, KY
 Contractor: Scott & Ritter, Inc.

Plant: Beaver Dam
 4/23/2026 8:35:51 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH11-38 SS-MH

P1 MH048BA24

MH BASE T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 30"	2050 lb
P1) 48" - MH BASE T/n - 24"	2938 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 DD (DBL Bands)	8 lb
1) PSX - 8QRS DD (DBL Bands)	6 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6442 lb

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

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

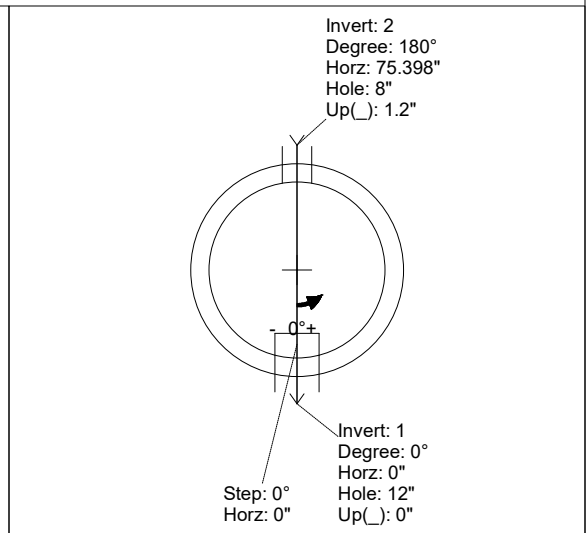
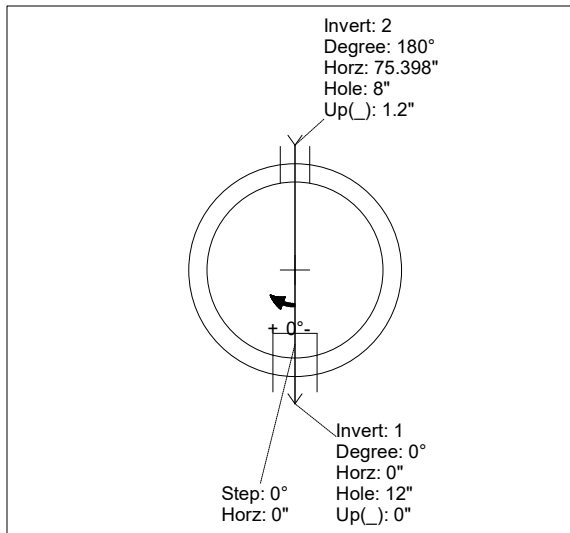
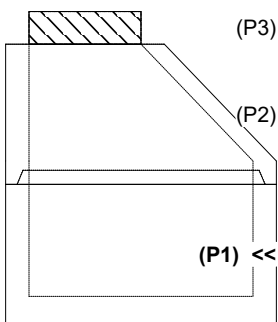
Invert channel drawing - full height invert

Rim: 498.25' Rim to Invert: 4.93' Slack: 0.16" Sump: 2" Step Position: 0°

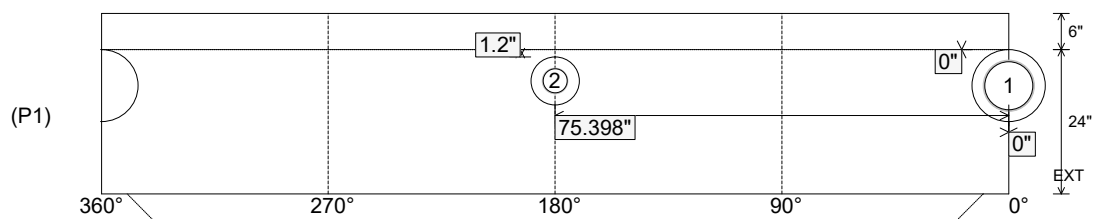
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	493.32'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	493.42'	180°	91.106"	4" PVC SDR35	4.25"	PSX 8QRS DD (DBL Bands)	8"	8.038"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 24"
 Height (Ext): 30"

Weight (Net): 2938 lb
 Volume (Net): 0.75cu.yd

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

Plant: Beaver Dam
 4/23/2026 8:35:51 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH10-37 SS-MHD

P1 MH048BA30

MH BASE w/DROP T/n

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING F/F - 3"	202 lb
P3) 48" - ECC CONE w/ 24" HOLE F/G - 30"	2050 lb
P2) 48" - MH RISER w/DROP T/G - 48"	3329 lb
P1) 48" - MH BASE w/DROP T/n - 30"	3306 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 DD (DBL Bands)	16 lb
1) Drop Tee - 8" PVC	0 lb
1) Drop Elbow - 8" PVC	0 lb
9) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10344 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.

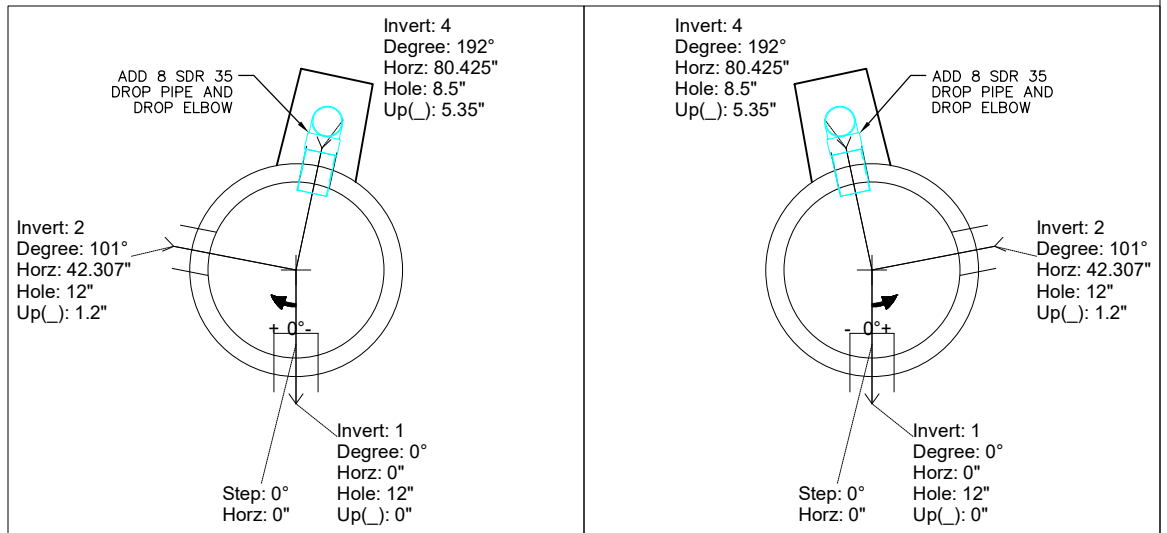
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

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

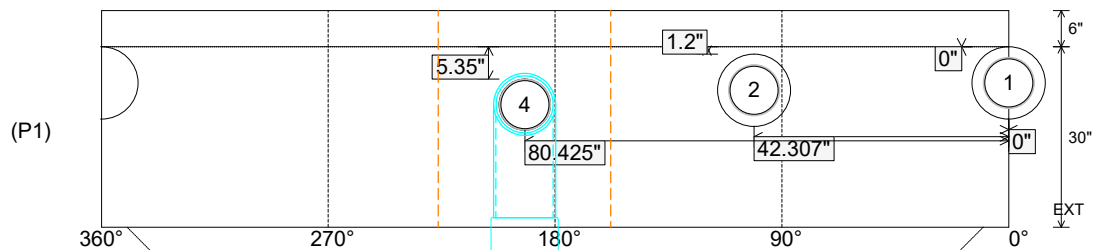
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	483.16'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	483.26'	101°	51.121"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	0"
Invert 3										
Invert 4	483.46'	192°	97.18"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.545"	5.35"	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: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3306 lb Volume (Net): 0.84cu.yd
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Job Name: 26-1210 Sacramento Gravity Sewer
 Job Location: Sacramento, KY
 Contractor: Scott & Ritter, Inc.

Plant: Beaver Dam
 4/23/2026 8:35:51 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH10-37 SS-MHD

P1 MH048BA30

MH BASE w/DROP T/n

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING F/F - 3"	202 lb
P3) 48" - ECC CONE w/ 24" HOLE F/G - 30"	2050 lb
P2) 48" - MH RISER w/DROP T/G - 48"	3329 lb
P1) 48" - MH BASE w/DROP T/n - 30"	3306 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 DD (DBL Bands)	16 lb
1) Drop Tee - 8" PVC	0 lb
1) Drop Elbow - 8" PVC	0 lb
9) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10344 lb

- Structure Notes:**
- PER ASTM C478 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - CASTING BY OTHERS.
 - 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.

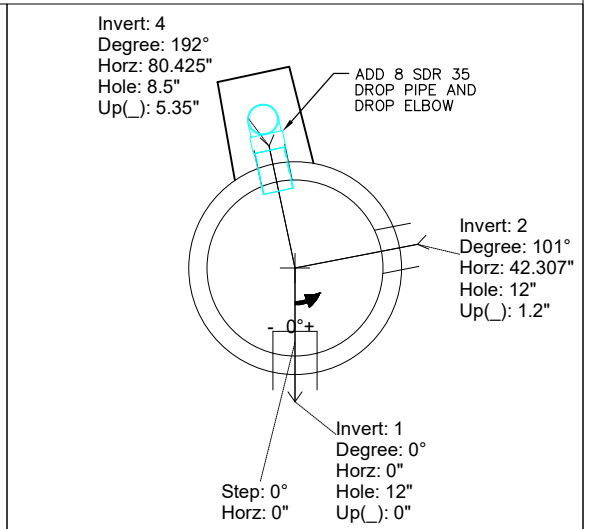
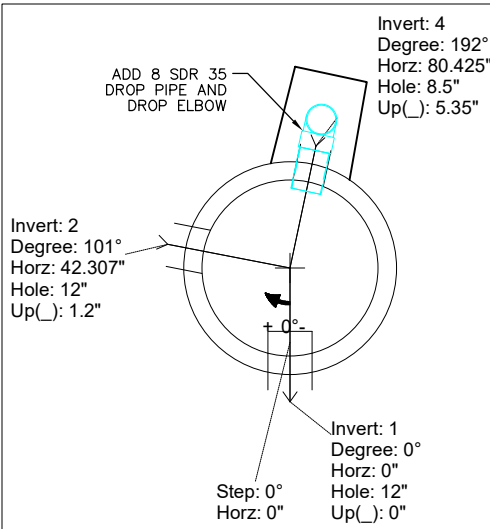
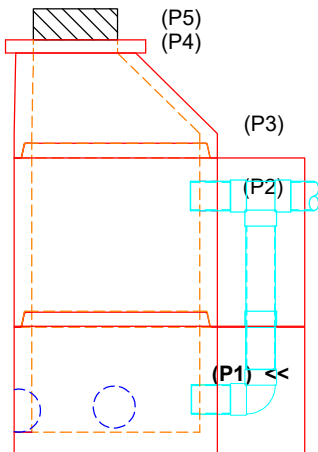
**Invert channel drawing
 Full height invert**

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

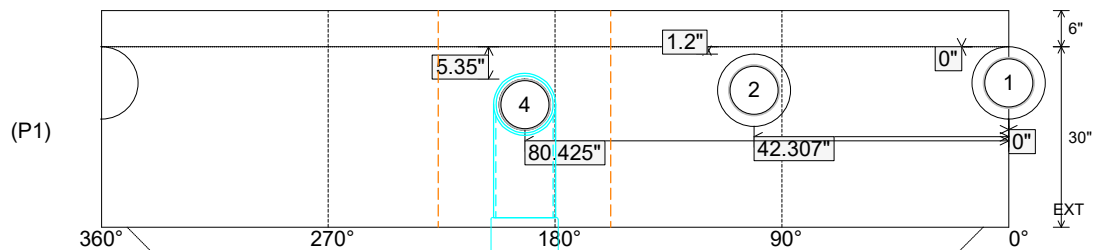
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	483.16'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	483.26'	101°	51.121"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	0"
Invert 3										
Invert 4	483.46'	192°	97.18"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.545"	5.35"	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: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3306 lb Volume (Net): 0.84cu.yd
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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.

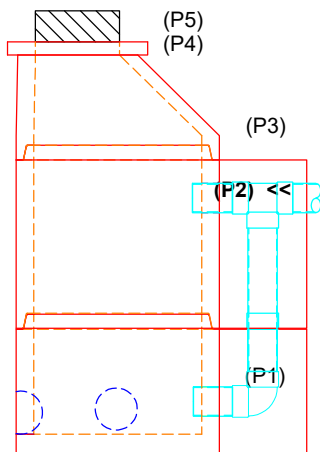
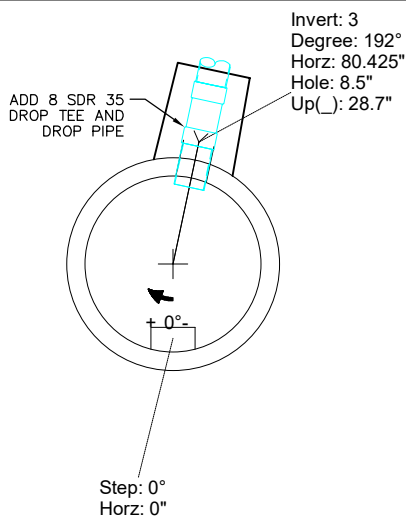
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 10344 lb

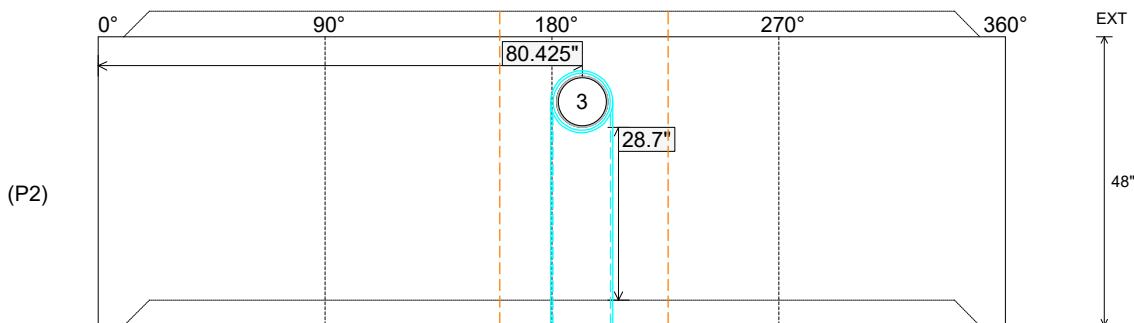
Rim: 492.82' Rim to Invert: 9.66' Slack: -0.08" Sump: 2" Step Position: 0°

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

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

Plant: Beaver Dam
 4/23/2026 8:35:50 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH9-36 SS-MH

P1 MH048BA42

MH BASE T/n

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING F/F - 4"
- P3) 48" - ECC CONE w/ 24" HOLE F/G - 24"
- P2) 48" - MH RISER T/G - 48"
- P1) 48" - MH BASE T/n - 42"
- 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)
- 3) PSX - 12-08 DD (DBL Bands)
- 9) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 1550 lb
 3353 lb
 4121 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 24 lb
 0 lb

 Structure Total: 10758 lb

Structure Notes:

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

REINFORCING PER ASTM A615 (GRADE 60).

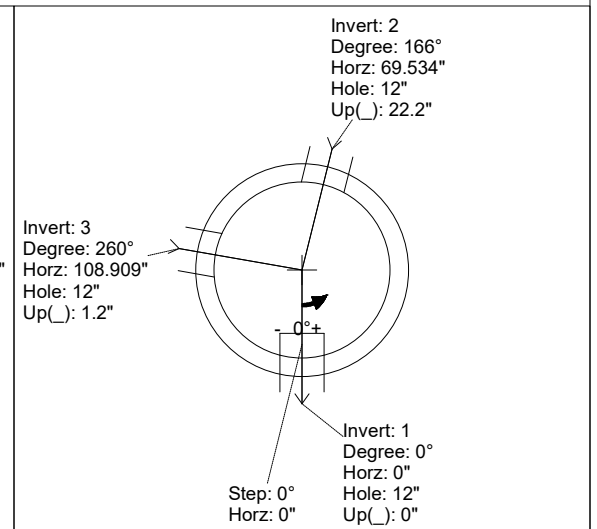
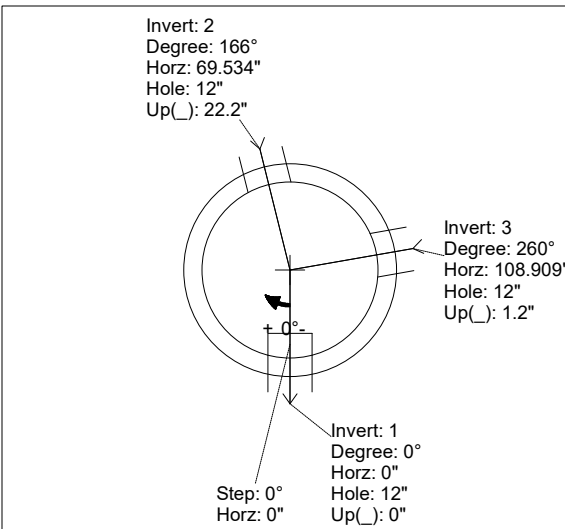
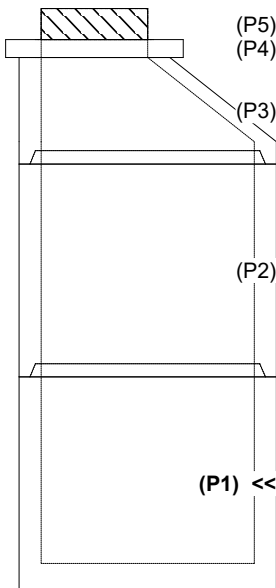
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 491.04' Rim to Invert: 10.3' Slack: 0.6" Sump: 2" Step Position: 0°

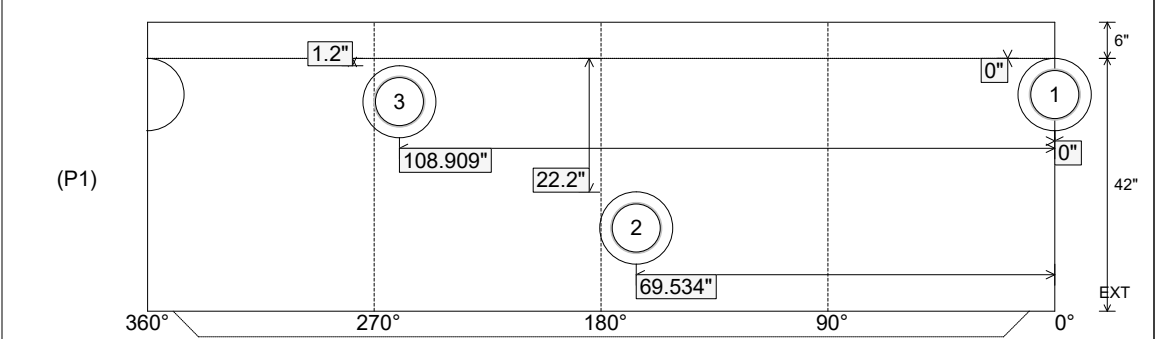
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	480.74'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	482.59'	166°	84.02"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	22.2"	0"
Invert 3	480.84'	260°	131.598"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	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): 42"
 Height (Ext): 48"

Weight (Net): 4121 lb
 Volume (Net): 1.05cu.yd

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

Plant: Beaver Dam
 4/23/2026 8:35:50 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH9-36 SS-MH

P1 MH048BA42

MH BASE T/n

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING F/F - 4"
- P3) 48" - ECC CONE w/ 24" HOLE F/G - 24"
- P2) 48" - MH RISER T/G - 48"
- P1) 48" - MH BASE T/n - 42"
- 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)
- 3) PSX - 12-08 DD (DBL Bands)
- 9) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 270 lb
- 1550 lb
- 3353 lb
- 4121 lb
- 0 lb
- 0 lb
- 1440 lb
- 0 lb
- 24 lb
- 0 lb

Structure Notes:

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

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: 10758 lb

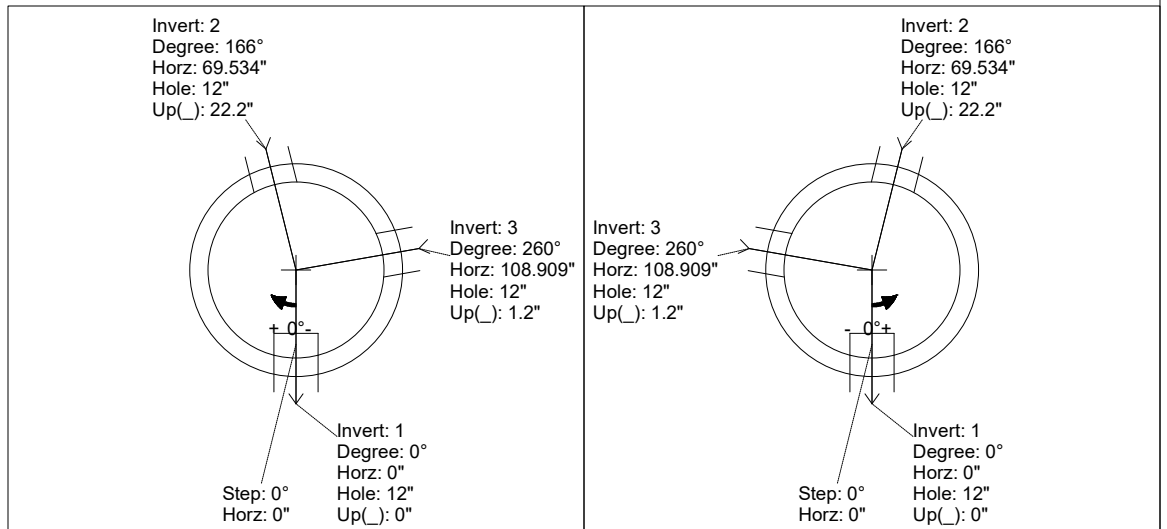
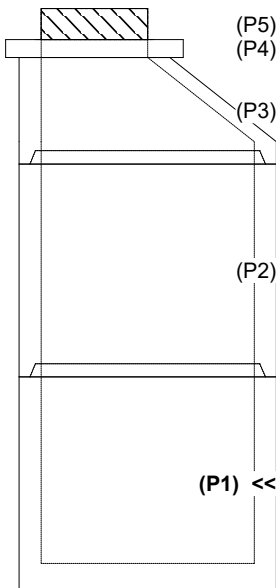
Invert channel drawing - full height invert

Rim: 491.04' Rim to Invert: 10.3' Slack: 0.6" Sump: 2" Step Position: 0°

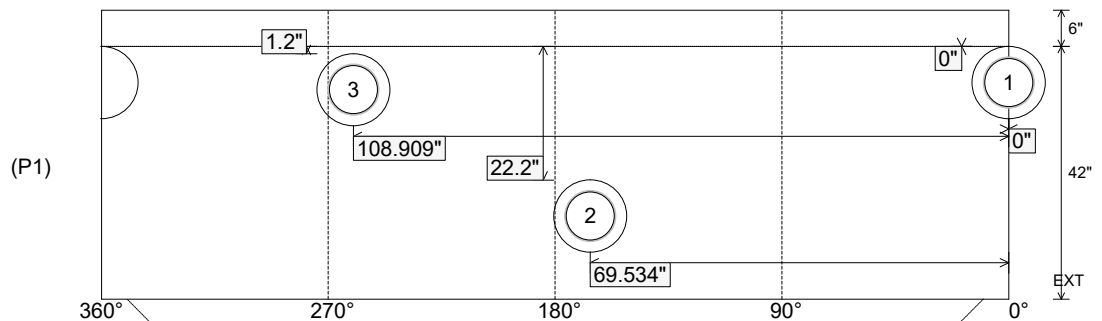
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	480.74'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	482.59'	166°	84.02"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	22.2"	0"
Invert 3	480.84'	260°	131.598"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	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): 42"
 Height (Ext): 48"

Weight (Net): 4121 lb
 Volume (Net): 1.05cu.yd

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

Plant: Beaver Dam
 4/23/2026 8:35:49 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH8-35 SS-MH

P1 MH048BA30

MH BASE T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING F/F - 4"	270 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 36"	3000 lb
P1) 48" - MH BASE T/n - 30"	3330 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 DD (DBL Bands)	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8056 lb

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

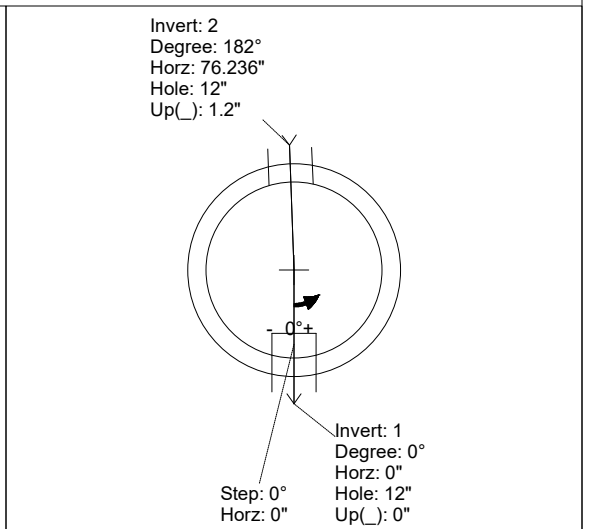
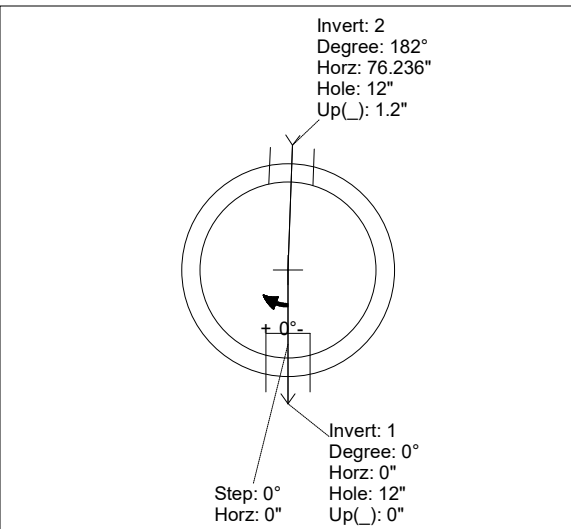
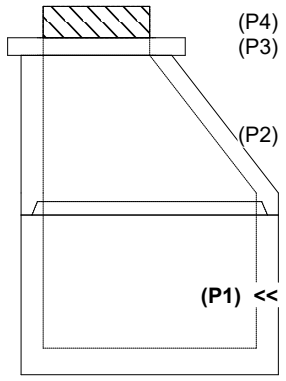
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 486.27' Rim to Invert: 6.35' Slack: 1.2' Sump: 2' Step Position: 0°

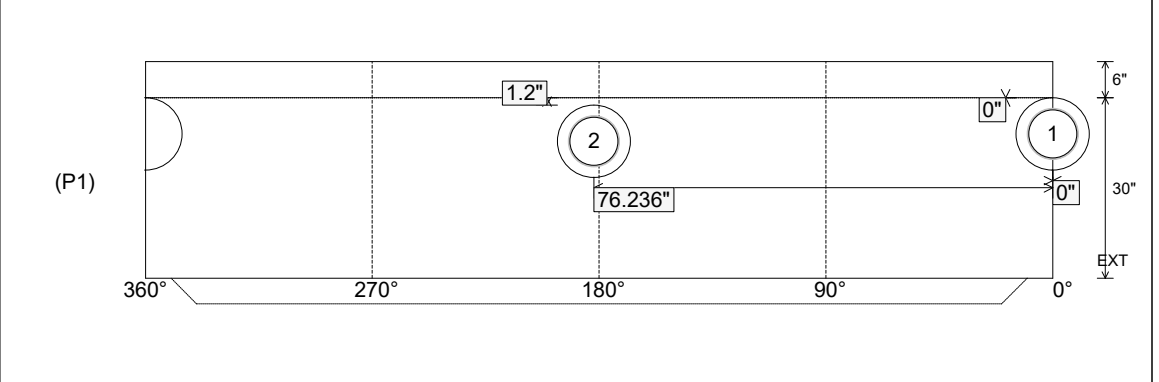
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	479.92'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	480.02'	182°	92.118"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3330 lb Volume (Net): 0.85cu.yd
----------------------------------	---------------------------------	--	--	--

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

Plant: Beaver Dam
 4/23/2026 8:35:49 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH8-35 SS-MH

P1 MH048BA30

MH BASE T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING F/F - 4"	270 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 36"	3000 lb
P1) 48" - MH BASE T/n - 30"	3330 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 DD (DBL Bands)	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8056 lb

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

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

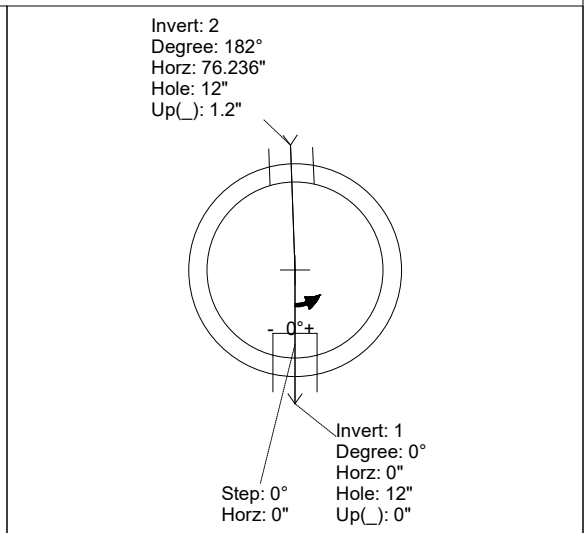
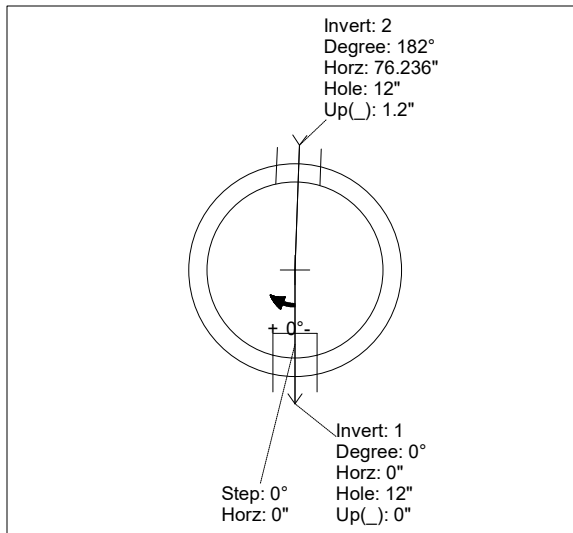
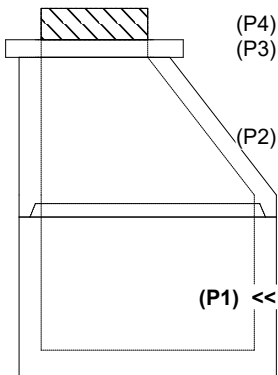
Invert channel drawing - full height invert

Rim: 486.27' Rim to Invert: 6.35' Slack: 1.2' Sump: 2" Step Position: 0°

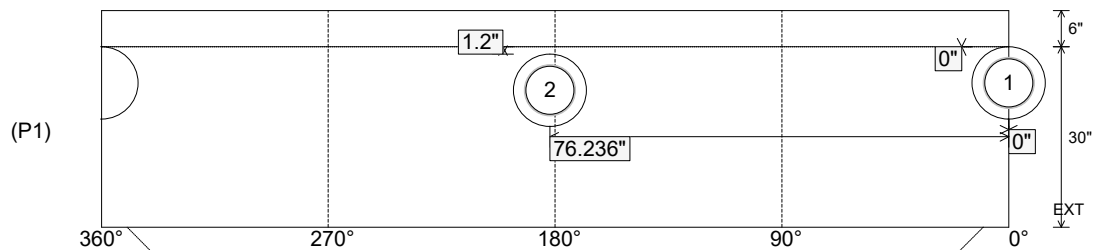
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	479.92'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	480.02'	182°	92.118"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 30"
 Height (Ext): 36"

Weight (Net): 3330 lb
 Volume (Net): 0.85cu.yd

Job Name: 26-1232 - Mustang Village Apartments Ph.1
 Job Location: Paducah, KY
 Contractor: Wood Brothers

Plant: 100
 4/21/2026 8:03:35 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: SSMH C-2-54 SS-MH

P1 MH048BA30

MH BASE T/n

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING F/F - 3"	202 lb
P3) 48" - ECC CONE w/ 24" HOLE F/G - 24"	1550 lb
P2) 48" - MH RISER T/G - 48"	3353 lb
P1) 48" - MH BASE T/n - 30"	3282 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) CASTING - HOE MC-375 F/C Sanitary	271 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
2) PSX - 12-06 NYLO	16 lb
8) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10123 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (HOE MC-375 F/C SANITARY)

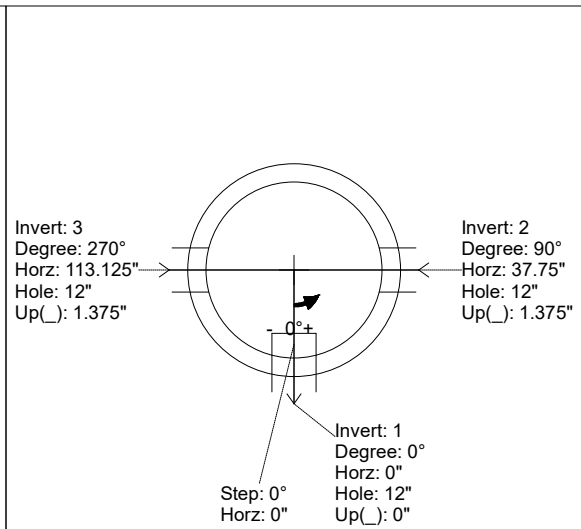
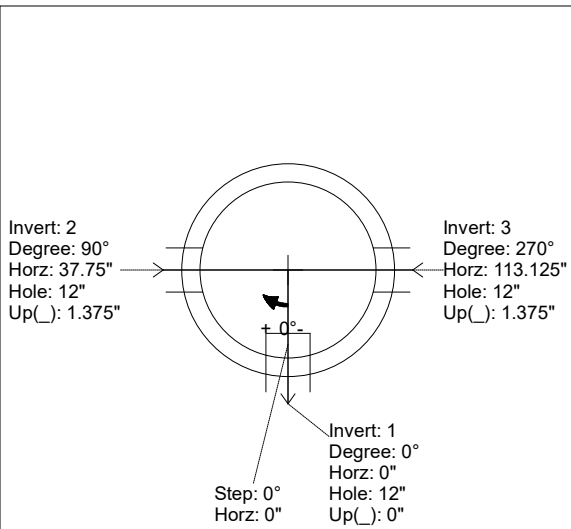
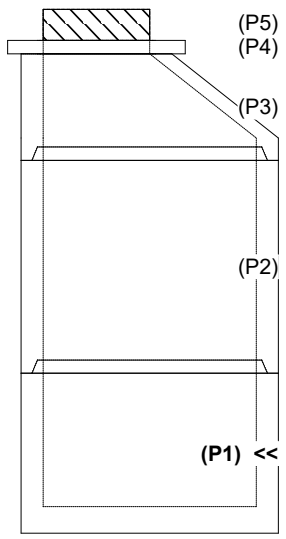
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 384.95' Rim to Invert: 9.2' Slack: 0.4" Sump: 2' Step Position: 0°

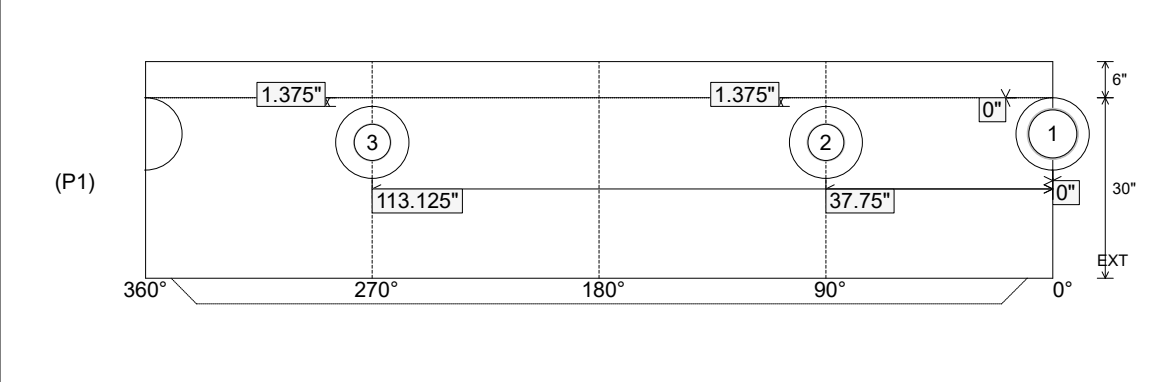
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	375.75'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	375.95'	90°	45.5"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 3	375.95'	270°	136.625"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3282 lb Volume (Net): 0.84cu.yd
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Job Name: 26-1232 - Mustang Village Apartments Ph.1
 Job Location: Paducah, KY
 Contractor: Wood Brothers

Plant: 100
 4/21/2026 8:03:35 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: SSMH C-2-54 SS-MH

P1 MH048BA30

MH BASE T/n

- P5) 24" - CASTING HEIGHT - 7" 0 lb
 - P4) 24" - GRADE RING F/F - 3" 202 lb
 - P3) 48" - ECC CONE w/ 24" HOLE F/G - 24" 1550 lb
 - P2) 48" - MH RISER T/G - 48" 3353 lb
 - P1) 48" - MH BASE T/n - 30" 3282 lb
 - 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
 - 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
 - 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1440 lb
 - 1) CASTING - HOE MC-375 F/C Sanitary 271 lb
 - 2) 48" - Conseal CS-102 1.00" (Double) 0 lb
 - 1) PSX - 12-08 NYLO 8 lb
 - 2) PSX - 12-06 NYLO 16 lb
 - 8) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: 10123 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (HOE MC-375 F/C SANITARY)

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

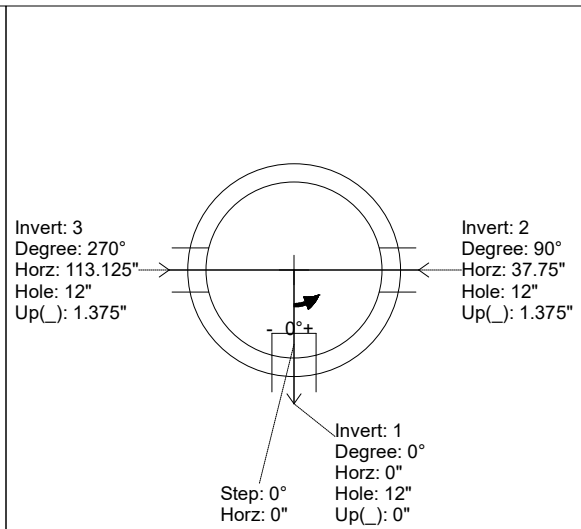
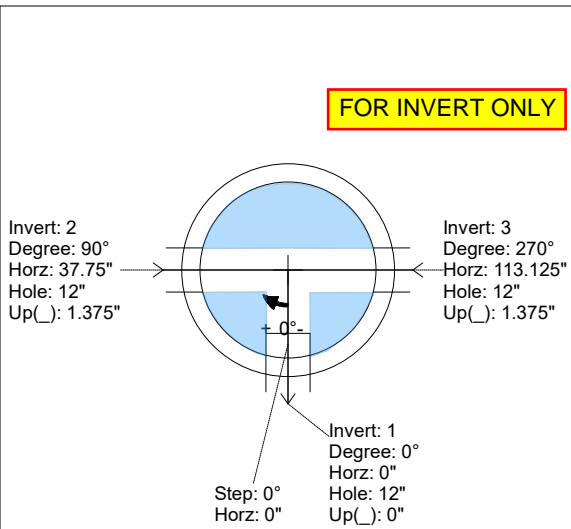
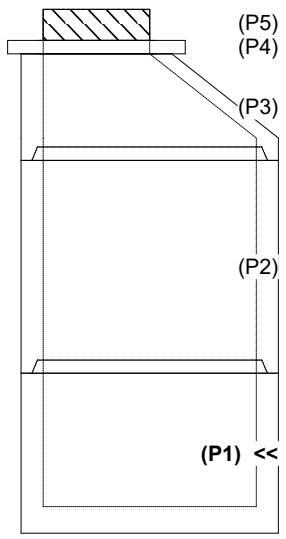
Rim: 384.95' Rim to Invert: 9.2' Slack: 0.4" Sump: 2" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	375.75'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	375.95'	90°	45.5"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 3	375.95'	270°	136.625"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

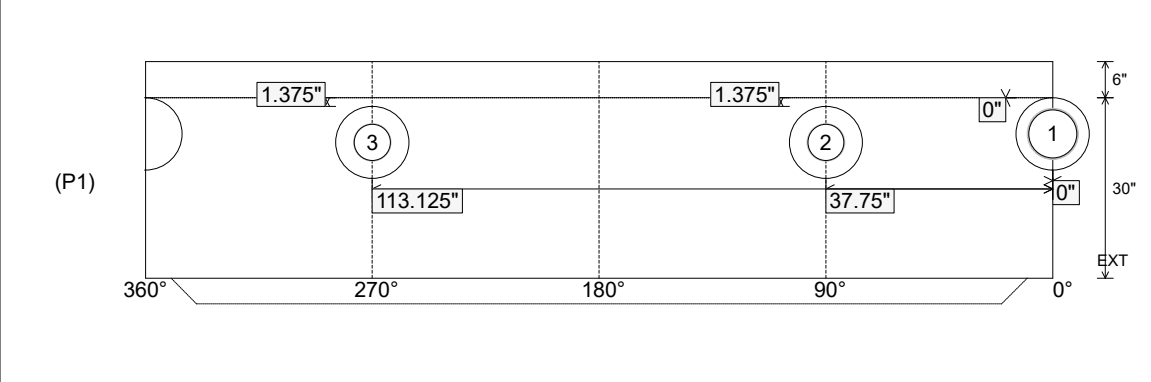
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

FOR INVERT ONLY



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): 3282 lb Volume (Net): 0.84cu.yd
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Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
 Job Location: Fort Mitchell, KY 41017
 Contractor: Lykins Contracting

Plant: 100

Tech: J. Horsley - A

3/26/2026 2:16:04 PM

PC: Celina Goff



Structure ID: 2301581

P2 MH048RSVF-D

MH RISER w/DROP Custom Ht T/G

- P6) 24" - CASTING HEIGHT - 7"
- P5) 48" - CON CONE w/24" HOLE F/G - 36"
- P4) 48" - MH RISER T/G - 48"
- P3) 48" - MH RISER T/G - 48"
- P2) 48" - MH RISER w/DROP Custom Ht T/G - 72"
- P1) 48" - MH BASE (10"F) w/DROP Custom Ht T/n - 28"
- 1) 60" - MH INVERT CHANNEL - FULL HEIGHT
- 4) 48" - Conseal CS-102 1.00" (Double)
- 1) PSX - 12-08 NYLO
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC
- 19) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 2252 lb
- 3353 lb
- 3353 lb
- 8102 lb
- 7371 lb
- 2692 lb
- 0 lb
- 8 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
-
- 27131 lb

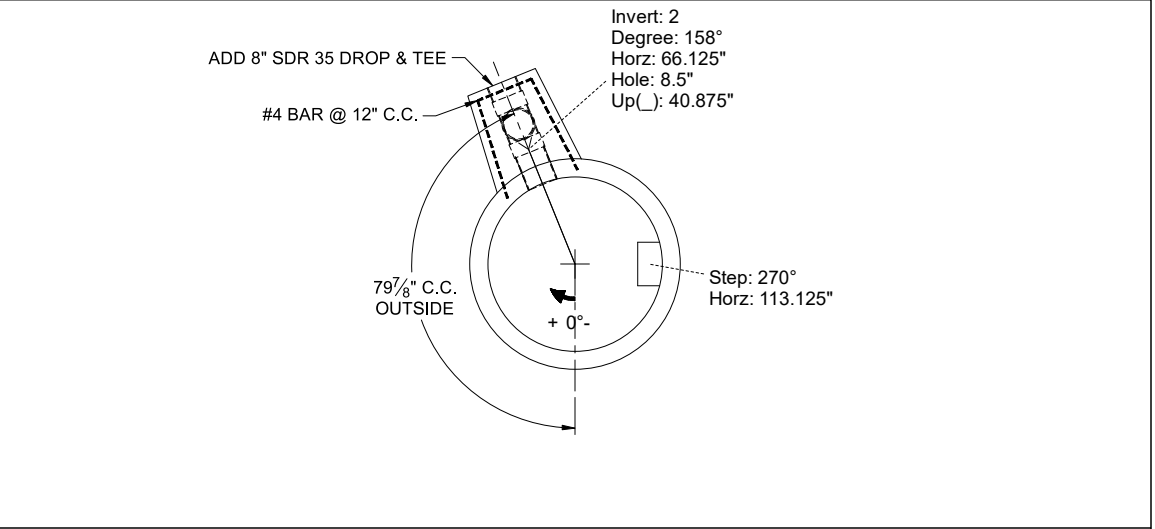
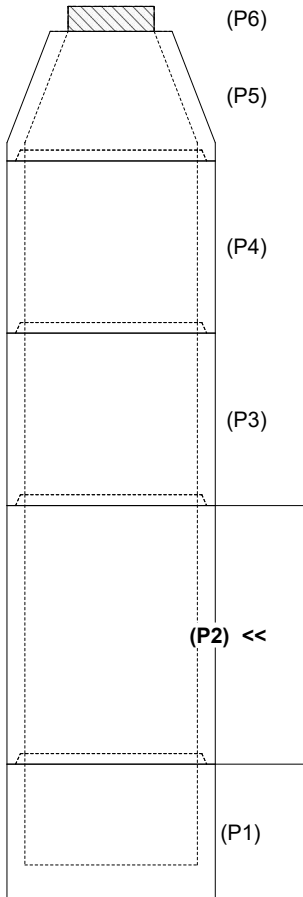
- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. RISER REINFORCEMENT: PER ASTM A615
 4. EXTERIOR DROP REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 5. STEPS AT 270 DEGREES
 6. 7" CASTING SUPPLIED BY OTHERS
 7. EXTERIOR DROP AT INVERTS 2 & 3 SUPPLIED BY ICAST
 8. ADD 8" SDR 35 DROP & TEE AT INVERT 2 (158°)

Structure Total: 27131 lb

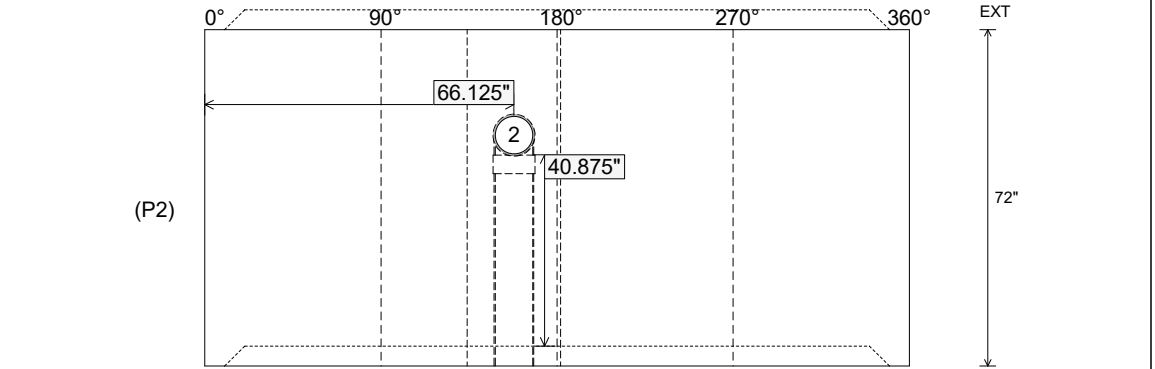
Rim: 766.6' Rim to Invert: 19.97' Slack: 2.64' Sump: 2' Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1										
Invert 2	752.58'	158°	80"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.545"	40.875"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 5"
Floor Height: 0"

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

Weight (Net): 5006 lb
Volume (Net): 1.28cu.yd

Job Name: 25-4590 Uhlhorn Sewer Repairs
 Job Location: Evansville, IN
 Contractor: Bowen Engineering Corporation

Plant: Beaver Dam
 5/11/2026 10:20:07 AM

Tech: S. Felletter
 PC: A. Chambers



Structure ID: 100 (6)

P1 MH060BAVFCDARED

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

- P6) 24" - CASTING HEIGHT - 7" 0 lb
- P5) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" 1961 lb
- P4) 48" - MH RISER w/ConBlock-CDA Red T/G - 72" 5030 lb
- P3) 48" - MH RISER w/ConBlock-CDA Red T/G - 72" 5030 lb
- P2) 60" - MH TRANS. SLAB ECC w/ConBlock-CDA Red T/G - 15" 2204 lb
- P1) 60" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 67" 9162 lb
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
- 1) 60" - MH INVERT CHANNEL EWSU w/ConBlock-CDA Red - FULL HEIGHT 2962 lb
- 1) CASTING - HOE MC-315 F/C Sanitary 258 lb
- 1) 60" - Conseal CS-102 1.00" (Double) 0 lb
- 3) 48" - Conseal CS-102 1.00" (Double) 0 lb
- 1) Kor-N-Seal2 - S206-30 6 lb
- 1) Kor-N-Seal2 - S206-22L 6 lb

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

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

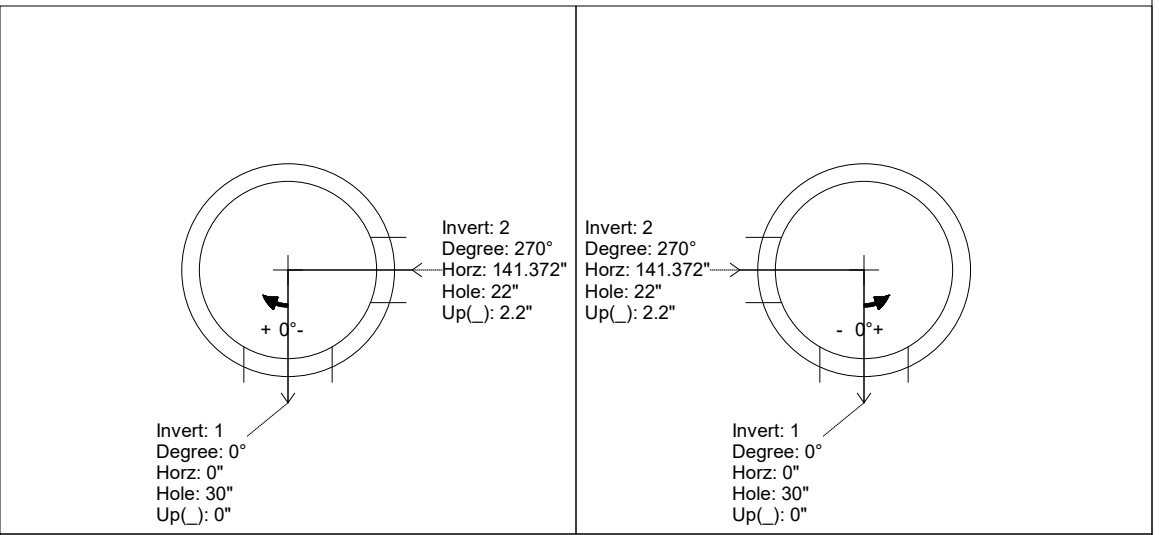
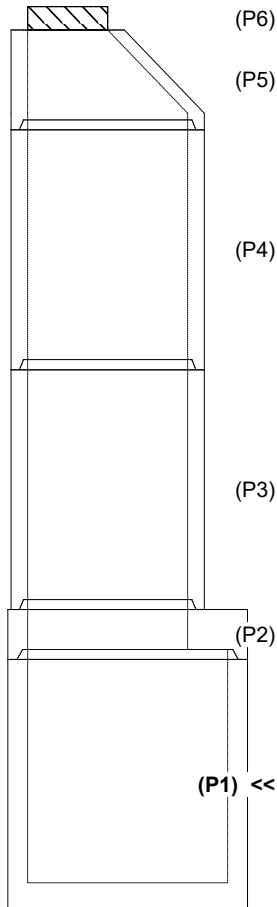
Structure Total: 26621 lb

Rim: 379.83' Rim to Invert: 21.69' Slack: 0.28" Sump: 3" Step Position:

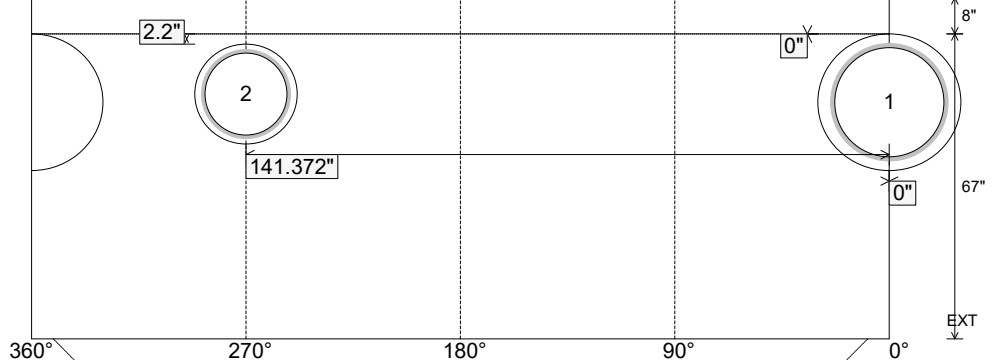
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	358.14'	0°	0"	24" PVC C900	25.8"	Kor-N-Seal2 S206-30	30"	31.416"	0"	0"
Invert 2	358.24'	270°	169.646"	18" PVC C900	19.5"	Kor-N-Seal2 S206-22L	22"	22.525"	2.2"	0"
Invert 3										
Invert 4										
Invert 5										
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): 67" Height (Ext): 75"	Weight (Net): 9162 lb Volume (Net): 2.34cu.yd
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Job Name: 25-4590 Uhlhorn Sewer Repairs
 Job Location: Evansville, IN
 Contractor: Bowen Engineering Corporation

Plant: Beaver Dam
 5/11/2026 10:20:07 AM

Tech: S. Felletter
 PC: A. Chambers



Structure ID: 100 (6)

P1 MH060BAVFCDARED

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

- P6) 24" - CASTING HEIGHT - 7" 0 lb
- P5) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" 1961 lb
- P4) 48" - MH RISER w/ConBlock-CDA Red T/G - 72" 5030 lb
- P3) 48" - MH RISER w/ConBlock-CDA Red T/G - 72" 5030 lb
- P2) 60" - MH TRANS. SLAB ECC w/ConBlock-CDA Red T/G - 15" 2204 lb
- P1) 60" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 67" 9162 lb
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
- 1) 60" - MH INVERT CHANNEL EWSU w/ConBlock-CDA Red - FULL HEIGHT 2962 lb
- 1) CASTING - HOE MC-315 F/C Sanitary 258 lb
- 1) 60" - Conseal CS-102 1.00" (Double) 0 lb
- 3) 48" - Conseal CS-102 1.00" (Double) 0 lb
- 1) Kor-N-Seal2 - S206-30 6 lb
- 1) Kor-N-Seal2 - S206-22L 6 lb

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

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

**Invert channel drawing
 Full height invert
 EWSU invert required**

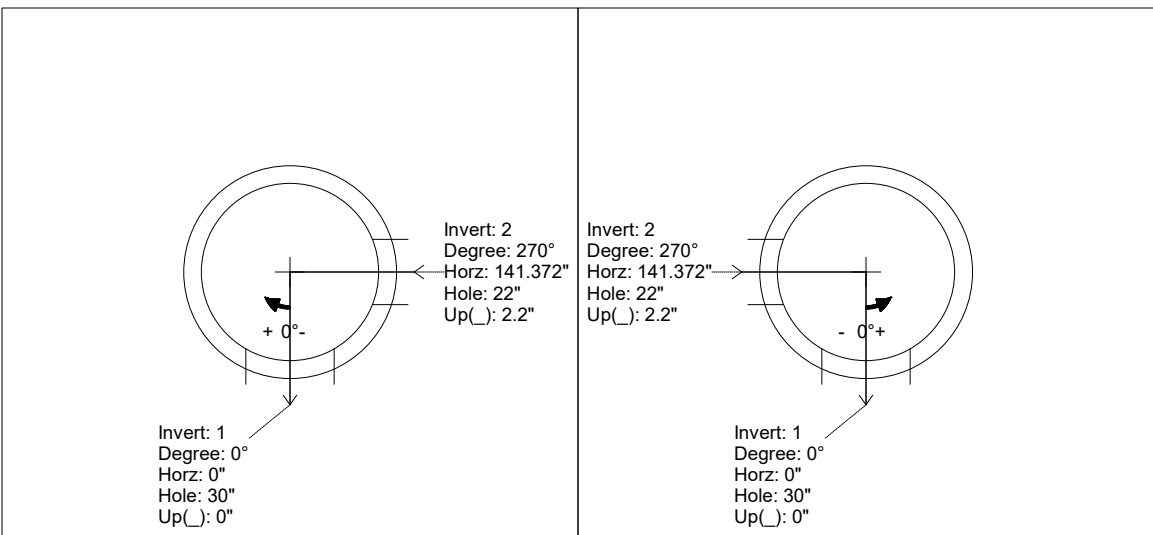
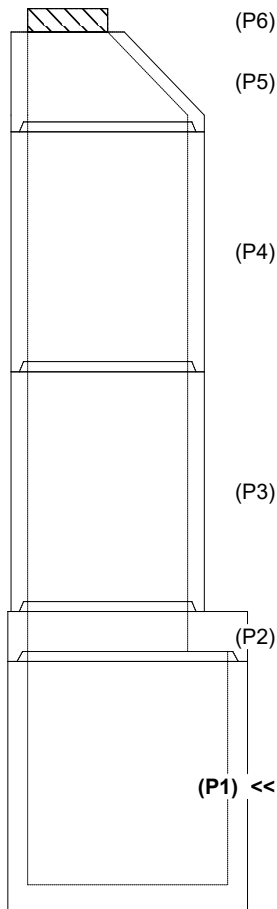
Structure Total: 26621 lb

Rim: 379.83' Rim to Invert: 21.69' Slack: 0.28" Sump: 3" Step Position:

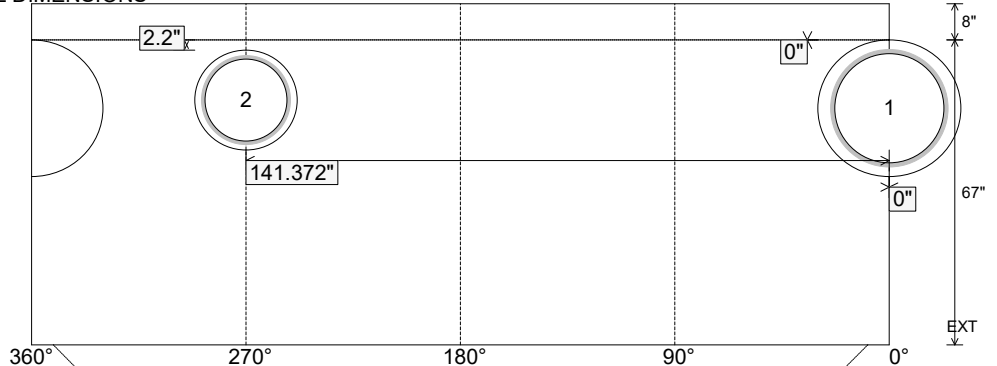
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	358.14'	0°	0"	24" PVC C900	25.8"	Kor-N-Seal2 S206-30	30"	31.416"	0"	0"
Invert 2	358.24'	270°	169.646"	18" PVC C900	19.5"	Kor-N-Seal2 S206-22L	22"	22.525"	2.2"	0"
Invert 3										
Invert 4										
Invert 5										
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): 67" Height (Ext): 75"	Weight (Net): 9162 lb Volume (Net): 2.34cu.yd
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Job Name: 26-1487 - Ford LAP
 Job Location: Louisville, KY
 Contractor: Barton Malow Company

Plant: 100

5/6/2026 8:48:28 AM

Tech: J. Horsley

PC: E. Bradley



Structure ID: TY 1 DHMH WEST SIDE

P3 MH060LD13

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

- P4) 24" - CASTING HEIGHT - 7"
- P3) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13"
- P2) 60" - MH RISER T/G - 60"
- P1) 60" - MH DH RISER Custom Ht T/F - 59"
- 1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE WT-420-MSD F/C Storm
- 2) 60" - Conseal CS-102 1.00" (Double)
- 2) DOGHOUSE - 34"x35"
- 1) PSX - 16Y NYLO
- 9) MH Step ML-10-TDS-NCR - 10"

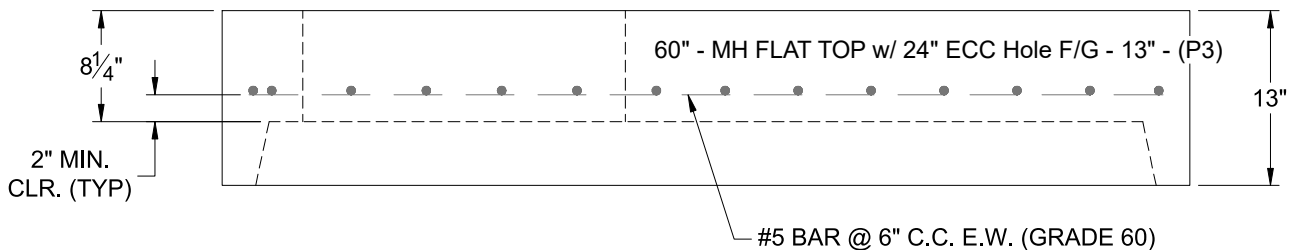
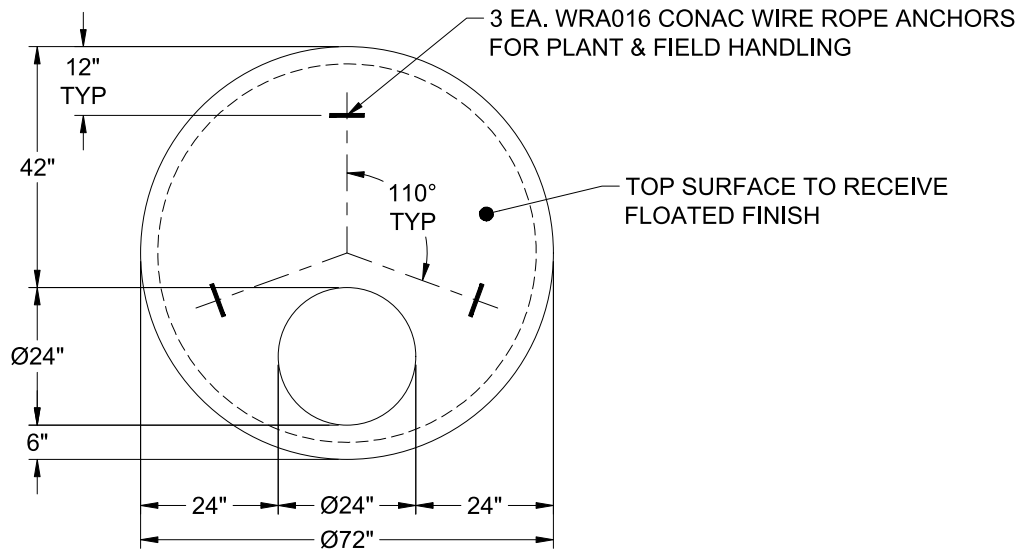
0 lb
 2869 lb
 6264 lb
 4927 lb
 0 lb
 0 lb
 340 lb
 0 lb
 0 lb
 8 lb
 0 lb

 14408 lb

Structure Total:

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 6" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. HOE WT-420-MSD WATERTIGHT FRAME & COVER "STORM MSD" SUPPLIED BY ICAST
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: Flat
 Seam Dn: Groove

Wall Thickness: 6"

Height (Ext): 13"

Weight (Net): 2869 lb
 Volume (Net): 0.73cu.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 1:22:35 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S304

P2 MH060RS42

MH RISER T/G

- 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

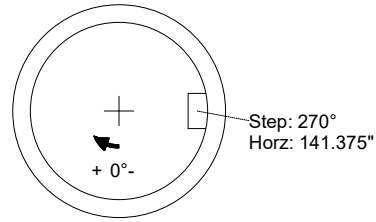
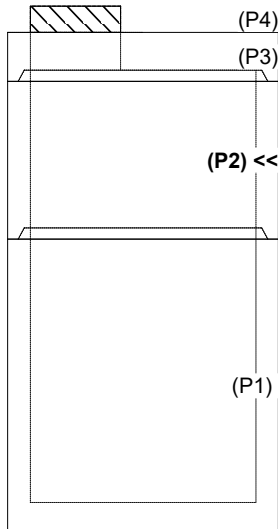
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE MC-420 F/C STORM)

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.

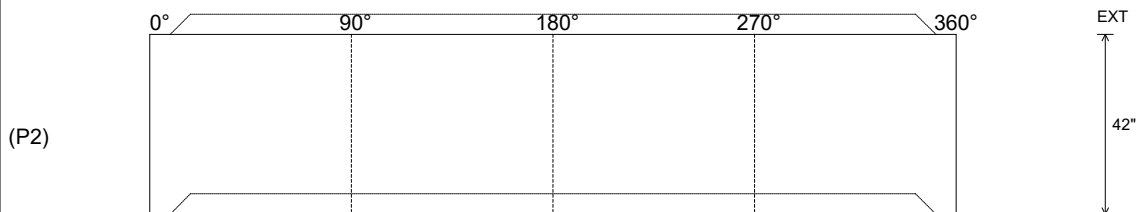
Rim: 455.95' Rim to Invert: 11.07' Slack: 0.84" Sump: 0" Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (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: 6" Floor Height: 0"	Height (Int): 42" Height (Ext): 42"	Weight (Net): 4384 lb Volume (Net): 1.12cu.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 11:39:17 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301529

P2 MH060TS15-48ECC

MH Transition Slab 48" Hole T/G

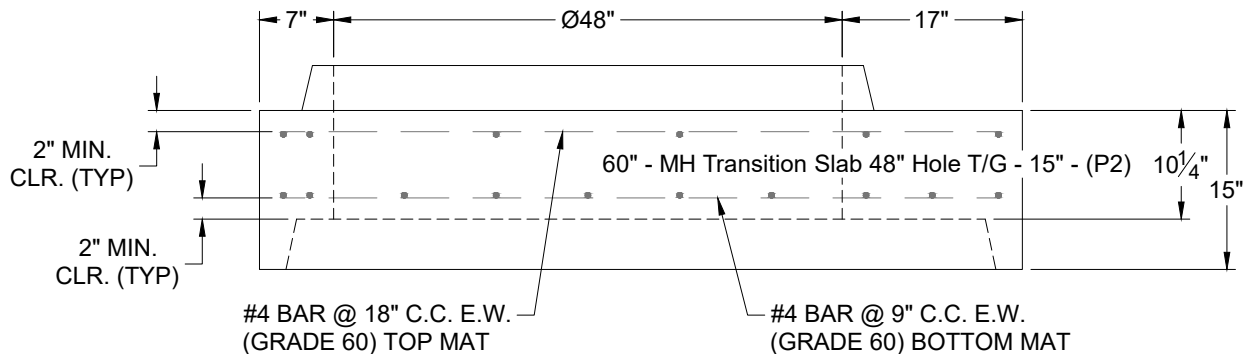
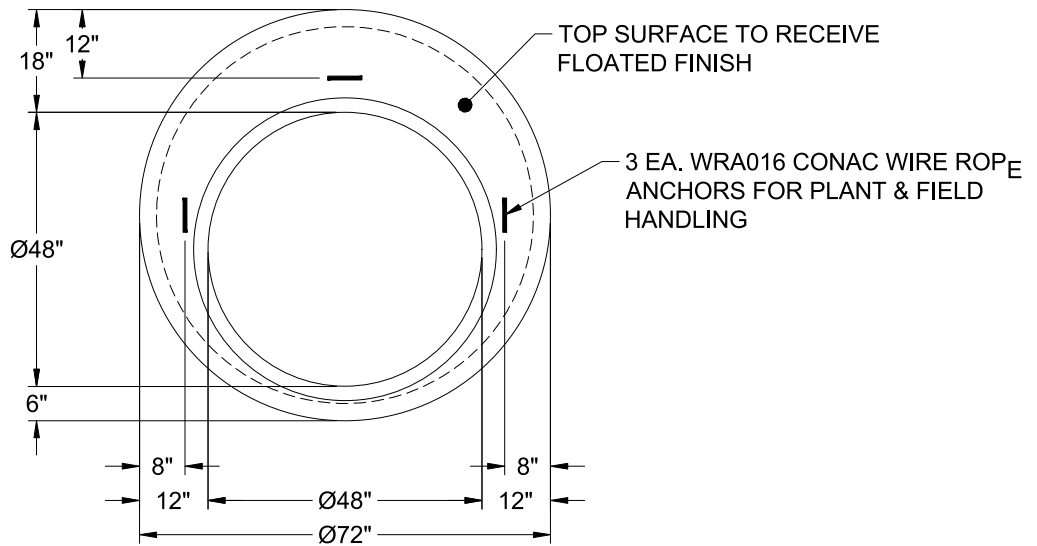
- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - CON CONE w/24" HOLE F/G - 24"
- P3) 48" - MH RISER T/G - 48"
- P2) 60" - MH Transition Slab 48" Hole T/G - 15"
- P1) 60" - MH BASE T/n - 66"
- 1) 60" - MH INVERT CHANNEL - FULL HEIGHT
- 1) 60" - Conseal CS-102 1.00" (Double)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 11) MH Step ML-10-TDS-NCR - 10"

0 lb
 2252 lb
 3353 lb
 2204 lb
 8269 lb
 2692 lb
 0 lb
 0 lb
 2 lb
 0 lb

 Structure Total: 18772 lb

Structure Notes:

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



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 6"

Height (Ext): 15"

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

Job Name: 26-2225 852136 Trace Diecast
 Job Location: Bowling Green, KY
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam
 5/14/2026 9:18:05 AM

Tech: S. Felletter
 PC: C. Goff



Structure ID: 10-CS-6

P1 MH072BAVF

MH BASE Custom Ht T/n

P5) 30" - CASTING HEIGHT - 4"	0 lb
P4) 72" - MH FLAT TOP SPEC. (30" ECC HOLE) F/G - 15"	4661 lb
P3) 72" - MH RISER NO STEPS T/G - 24"	3499 lb
P2) 72" - MH RISER Custom Ht T/G - 63"	7941 lb
P1) 72" - MH BASE Custom Ht T/n - 27"	7835 lb
1) ASSEMBLY REQUIRED	0 lb
1) CVSTENCILING	0 lb
3) 72" - Conseal CS-102 1.00"	0 lb
2) Hole - 36	0 lb
Structure Total:	23936 lb

Structure Notes:
 4" CASTING BY OTHERS

 LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE

 ICAST TO INSTALL THE INTERNALS

 CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE

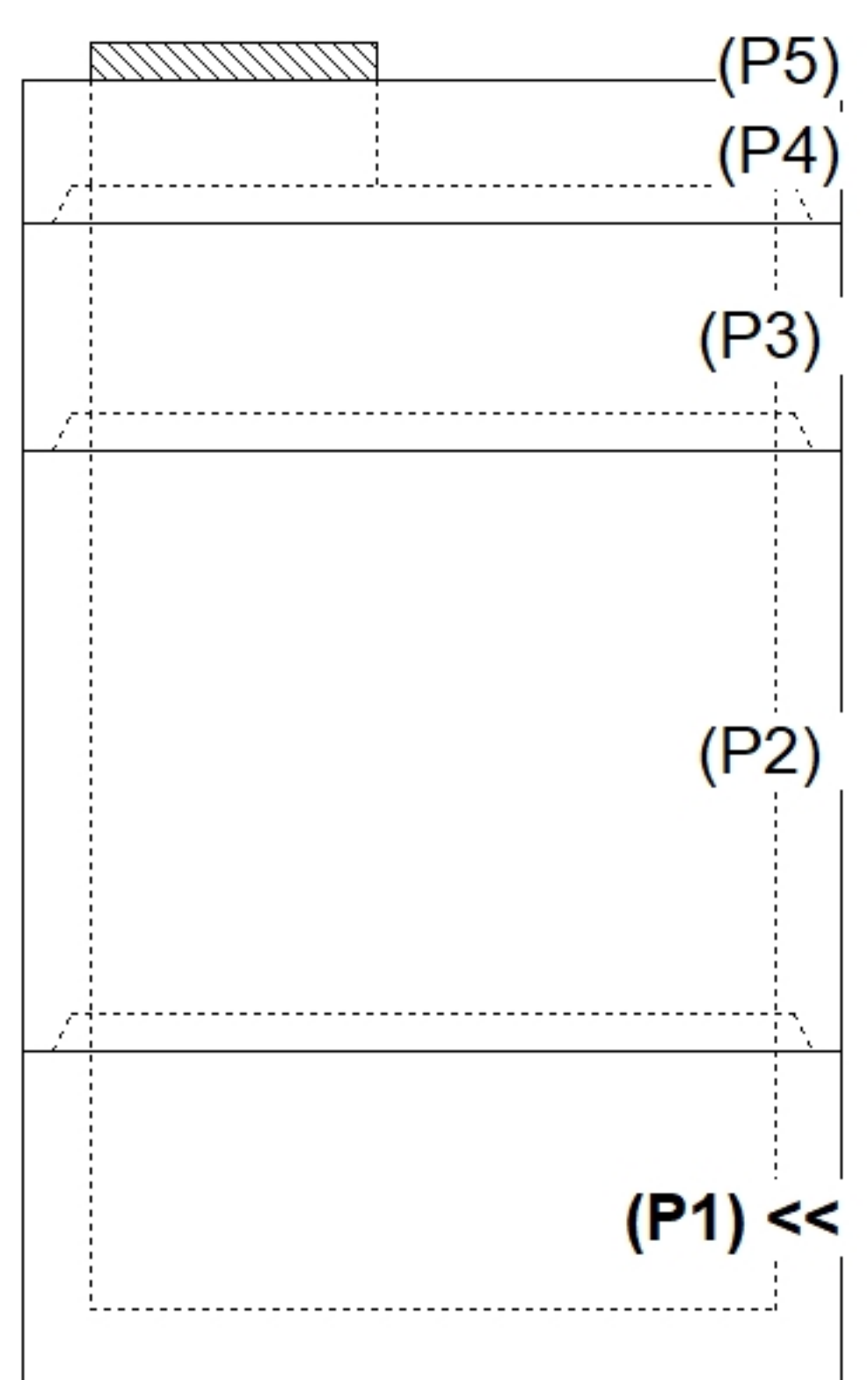
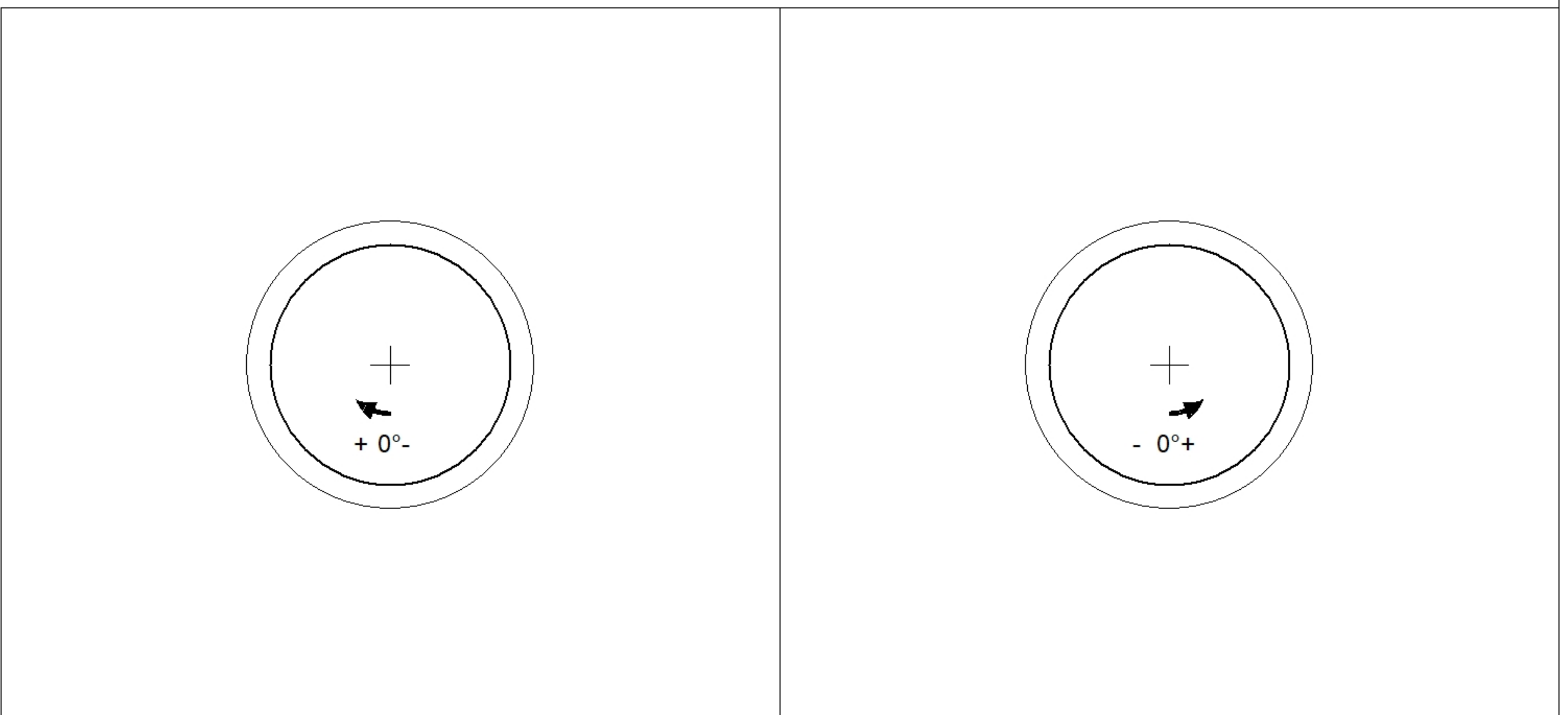
 BASE & P2 RISER TO BE MECHANICALLY ATTACHED BEFORE INSTALL

Rim: 476.78' Rim to Invert: 6.27' Slack: 2.276" Sump: 60.036" Step Position:

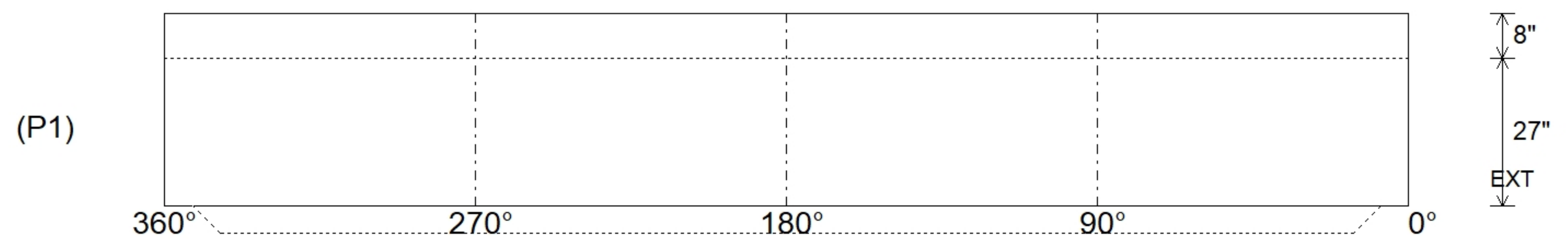
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	Wall Thickness: 7"	Height (Int): 27"	Weight (Net): 7835 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 8"	Height (Ext): 35"	Volume (Net): 2cu.yd

Structure ID: 2301561

P1 MH072BAVF

MH BASE (10"F) Custom Ht T/n

P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 36" P3) 48" - MH RISER T/G - 60" P2) 72" - MH Transition Slab 48" Hole T/G - 15" P1) 72" - MH BASE (10"F) Custom Ht T/n - 64" 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 12664 lb 5422 lb 0 lb 0 lb 2 lb 0 lb ----- Structure Total: 28396 lb
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Structure Notes:

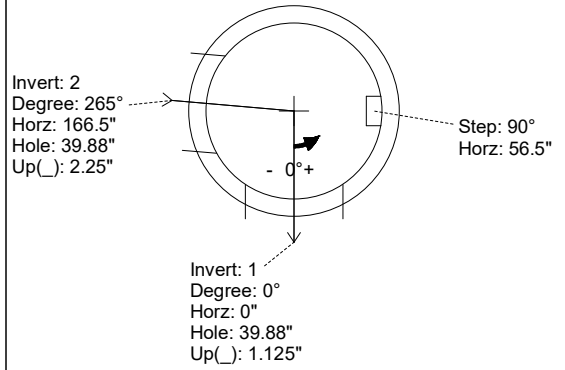
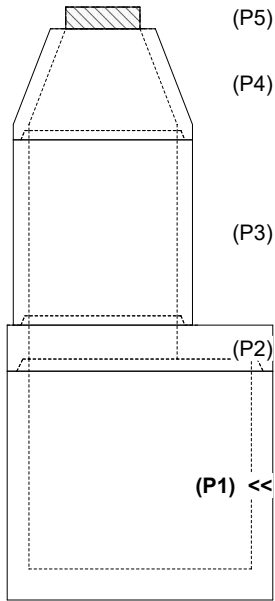
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - WALLS: PER ASTM A615 - DOUBLE MAT
 - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. INVERT CHANNEL REQUIRED
5. STEPS AT 90 DEGREES
6. 7" CASTING SUPPLIED BY OTHERS

Rim: 757.61' Rim to Invert: 15.17' Slack: 3.04" Sump: 3" Step Position: 90°

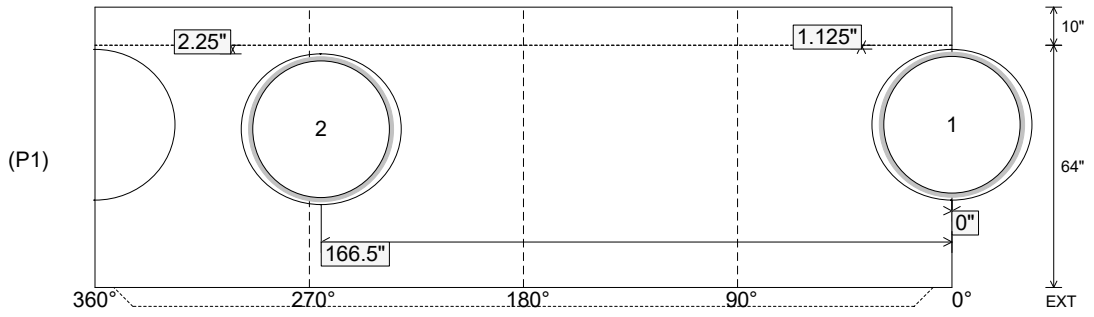
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	742.44'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	42.266"	1.125"	0"
Invert 2	742.54'	265°	198.875"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	42.266"	2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 7" Floor Height: 10"	Height (Int): 64" Height (Ext): 74"	Weight (Net): 12664 lb Volume (Net): 3.24cu.yd
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Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
 Job Location: Fort Mitchell, KY 41017
 Contractor: Lykins Contracting

Plant: 100

Tech: J. Horsley - A

3/20/2026 1:21:48 PM

PC: Celina Goff



Structure ID: 2301561

P1 MH072BAVF

MH BASE (10" F) Custom Ht T/n

- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - CON CONE w/24" HOLE F/G - 36"
- P3) 48" - MH RISER T/G - 60"
- P2) 72" - MH Transition Slab 48" Hole T/G - 15"
- P1) 72" - MH BASE (10" F) Custom Ht T/n - 64"
- 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
 12664 lb
 5422 lb
 0 lb
 0 lb
 2 lb
 0 lb

 Structure Total: 28396 lb

Structure Notes:

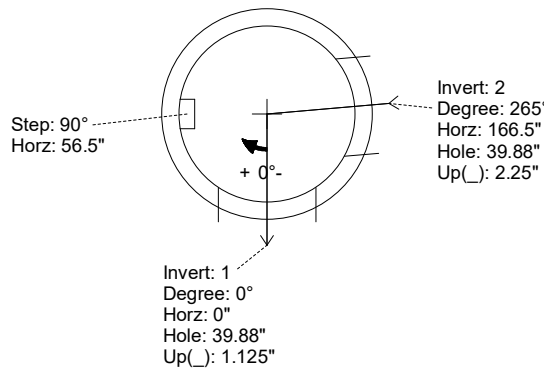
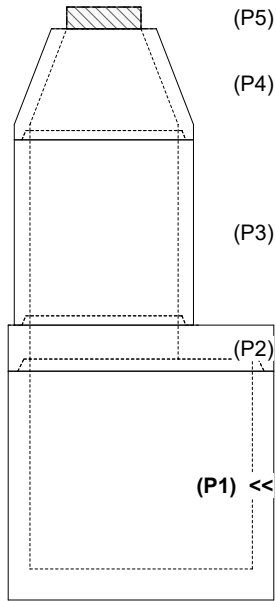
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - WALLS: PER ASTM A615 - DOUBLE MAT
 - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. INVERT CHANNEL REQUIRED
5. STEPS AT 90 DEGREES
6. 7" CASTING SUPPLIED BY OTHERS

Rim: 757.61' Rim to Invert: 15.17' Slack: 3.04' Sump: 3' Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	742.44'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	42.266"	1.125"	0"
Invert 2	742.54'	265°	198.875"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	42.266"	2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

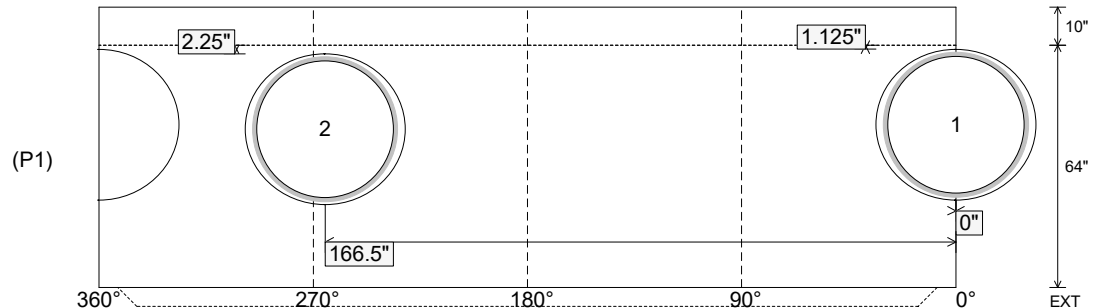
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 7"
 Floor Height: 10"

Height (Int): 64"
 Height (Ext): 74"

Weight (Net): 12664 lb
 Volume (Net): 3.24cu.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 11:40:42 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301561

P2 MH072TS15-48ECC

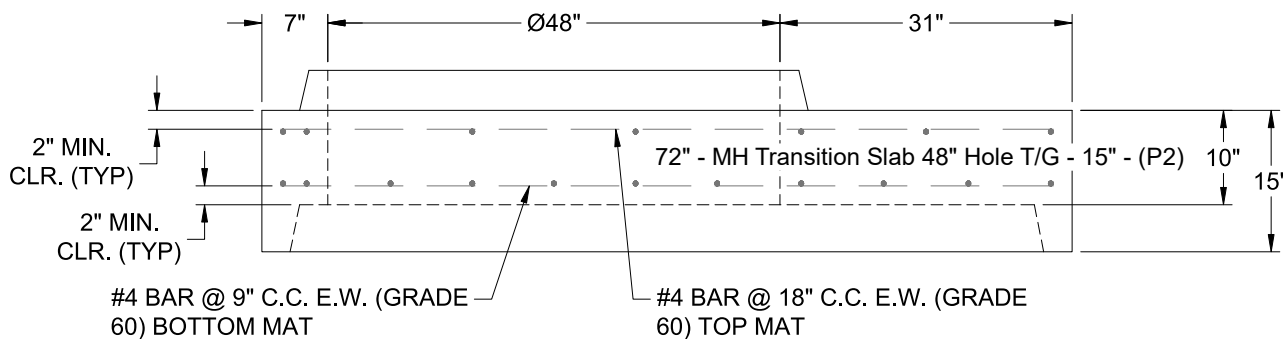
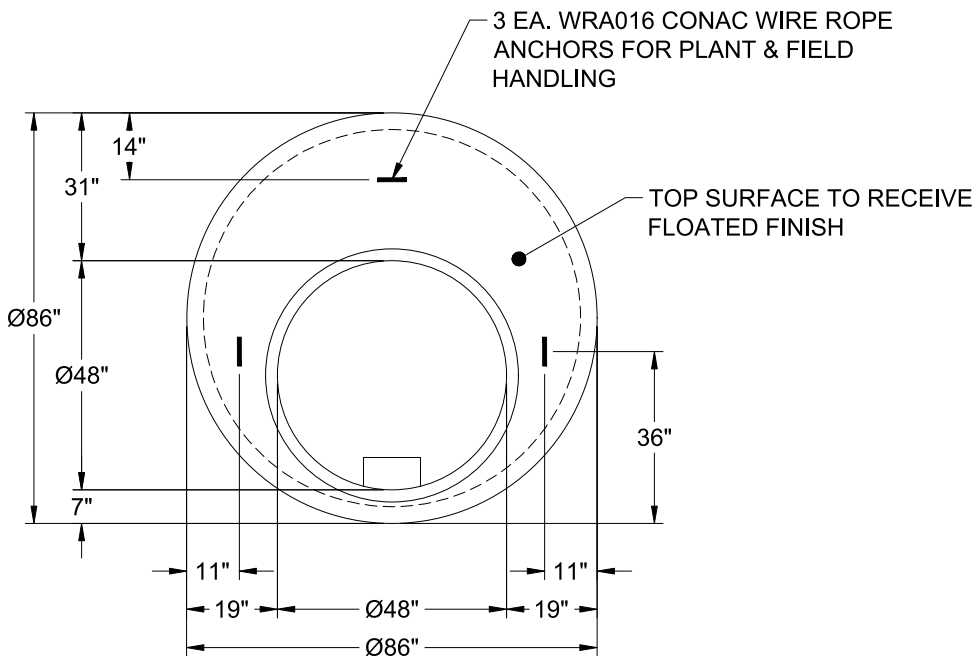
MH Transition Slab 48" Hole T/G

- 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 - 64"
- 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
 12664 lb
 5422 lb
 0 lb
 0 lb
 2 lb
 0 lb

 Structure Total: 28396 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
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Job Name: 26-2324 880717 Shepper & Converse Ave	Plant: Beaver Dam	Tech: S. Felletter	
Job Location: Plain City, OH Contractor: Contech Engineering Solutions	5/14/2026 10:47:55 AM	PC: C. Goff	

Structure ID: 10-CS-8

P1 MH096BAVF

MH MONOBASE 13F, Custom Ht T/n

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

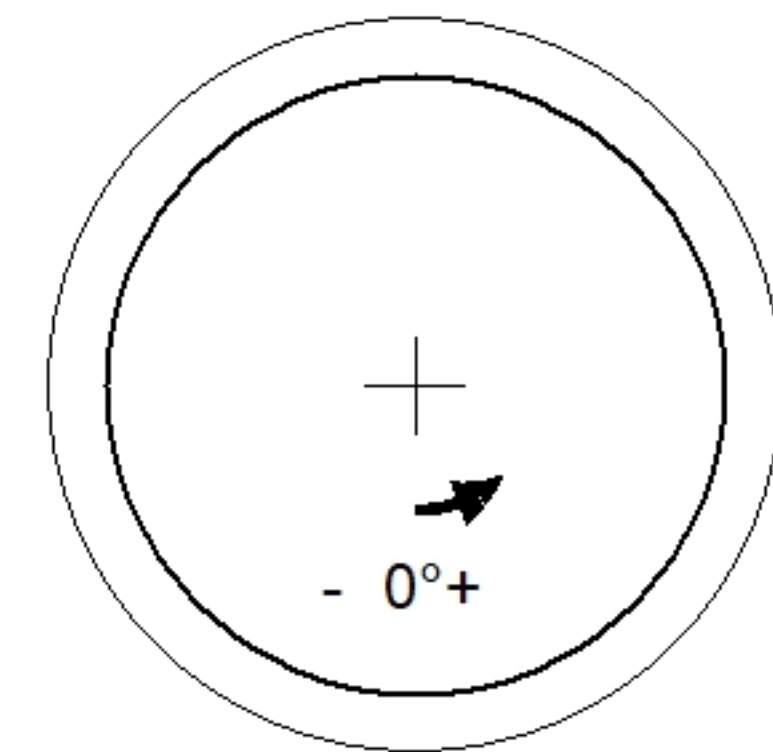
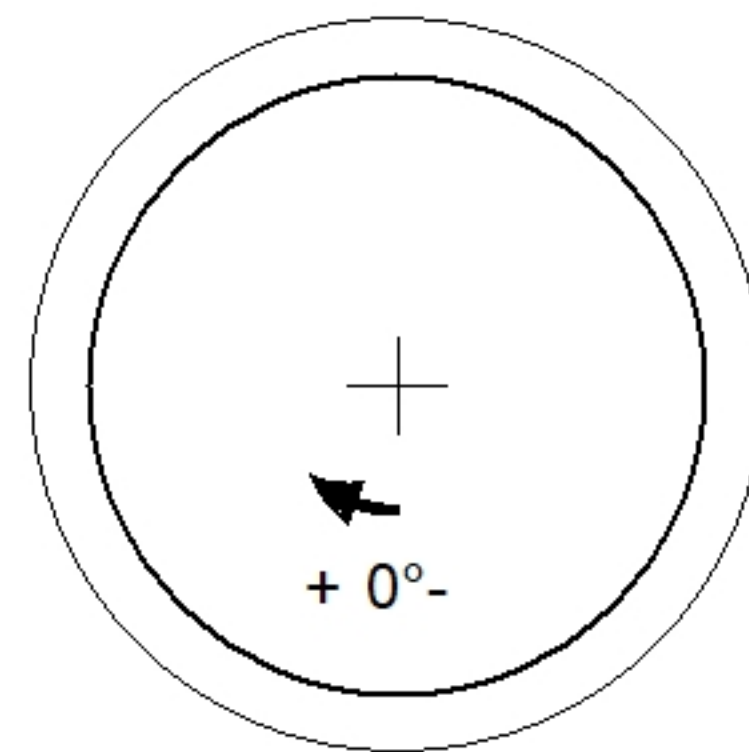
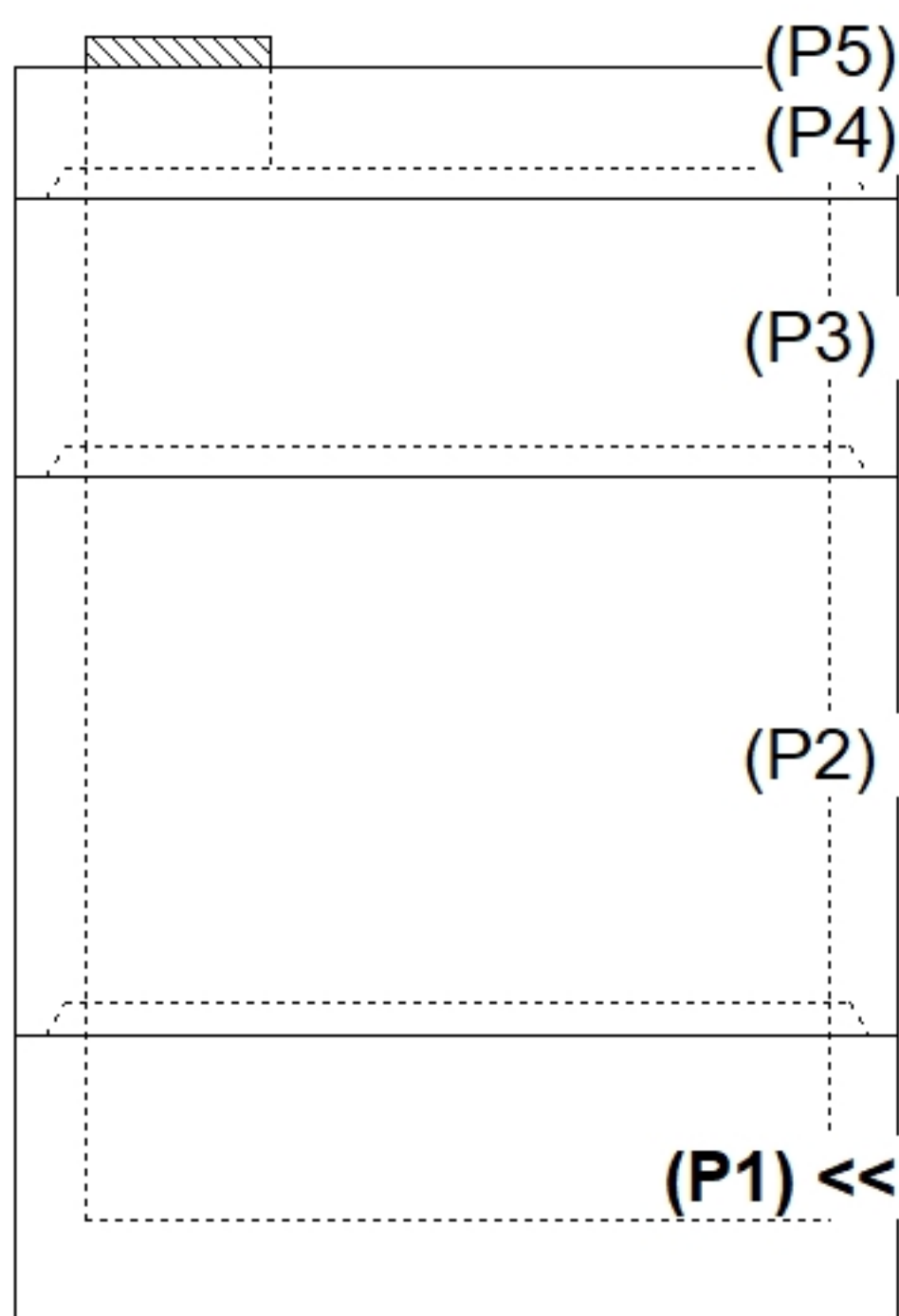
Structure Notes: 4" CASTING BY OTHERS LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE ICAST TO INSTALL INTERNALS CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE P2 & P3 RISERS TO BE MECHANICALLY ATTACHED PRIOR TO INSTALL

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

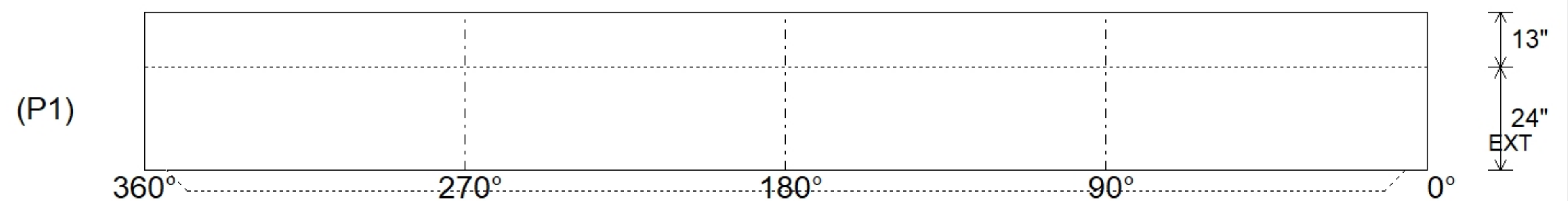
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

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"	Weight (Net): 17113 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 13"	Height (Ext): 37"	Volume (Net): 4.37cu.yd

Job Name: 26-2324 880717 Shepper & Converse Ave
 Job Location: Plain City, OH
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam

Tech: S. Felletter

5/13/2026 11:55:20 AM

PC: C. Goff



Structure ID: 10-CS-8

P4 MH096LD17SP

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

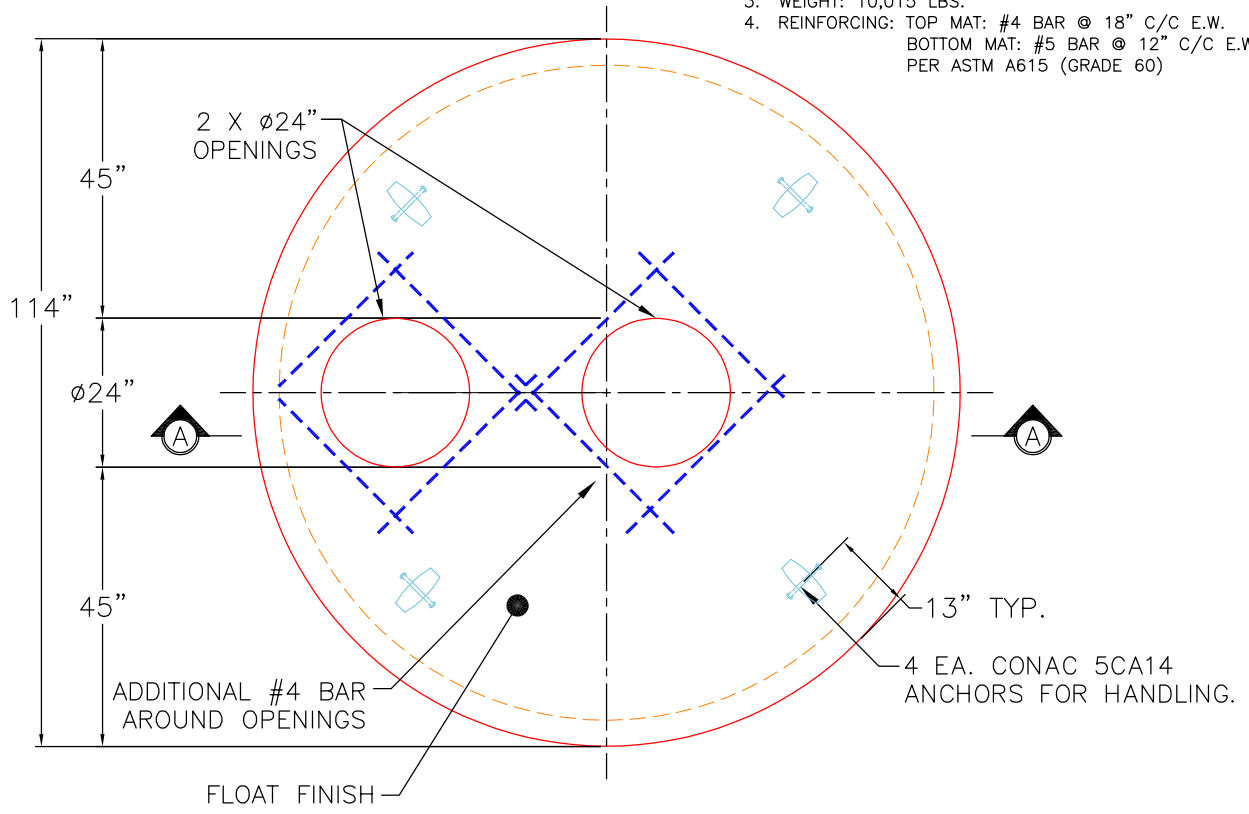
- P5) 24" - CASTING HEIGHT - 4"
- P4) 96" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 17"
- P3) 96" - MH RISER T/G - 36"
- P2) 96" - MH RISER T/G - 72"
- P1) 96" - MH MONOBASE 13F, Custom Ht T/n - 24"
- 1) CVSTENCILING
- 1) ASSEMBLY REQUIRED
- 3) 96" - Conseal CS-102 1.00"
- 2) Hole - 36

- Structure Notes:**
- 0 lb 4" CASTING BY OTHERS
 - 10015 lb
 - 8292 lb
 - 17043 lb
 - 17113 lb
 - 0 lb
 - 0 lb
 - 0 lb
 - 0 lb
 - 0 lb
- 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

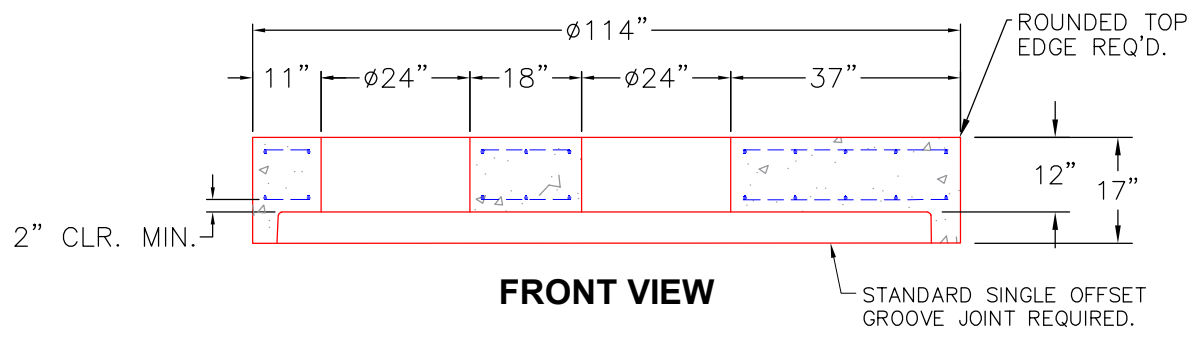
Structure Total: 52463 lb

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE 5,000 PSI AT 28 DAYS.
3. WEIGHT: 10,015 LBS.
4. REINFORCING: TOP MAT: #4 BAR @ 18" C/C E.W.
 BOTTOM MAT: #5 BAR @ 12" C/C E.W.
 PER ASTM A615 (GRADE 60)



PLAN VIEW



FRONT VIEW

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 9"	Height (Ext): 17"	Weight (Net): 10015 lb Volume (Net): 2.56cu.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 12:59:25 PM	PC: J. Jarvis	

Structure ID: 122

P1 BX1818-06BA24

BOX BASE 6inW, 6inF T/n

P3) 18" x 18" - CASTING HEIGHT - 4"	0 lb
P2) 18" x 18" - BOX RISER 6inW, Variable Ht F/G - 14"	677 lb
P1) 18" x 18" - BOX BASE 6inW, 6inF T/n - 24"	1512 lb
2) 18" x 18" - Conseal CS-102 1.00"	0 lb
1) Hole - 16	0 lb
Structure Total:	2189 lb

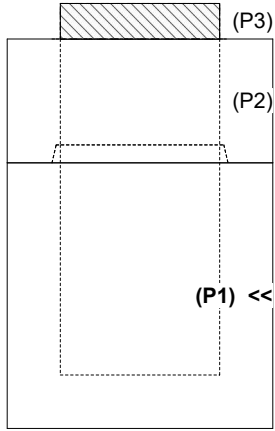
- Structure Notes:**
1. PER MSD YARD DRAIN / ASTM C-913 SPECS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 165-A FRAME & GRATE SUPPLIED BY OTHERS

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

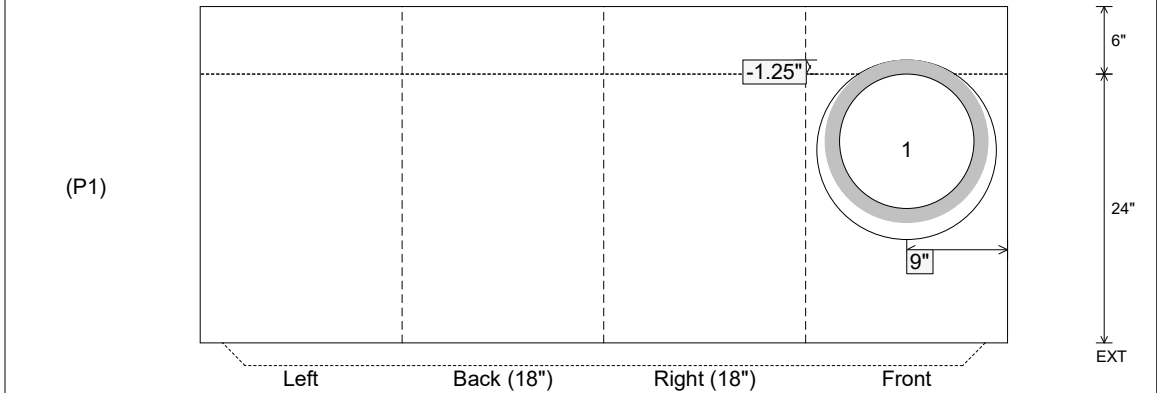
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	562.6'	0°	15"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 1512 lb Volume (Net): 0.39cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 25-4590 Uhlhorn Sewer Repairs
 Job Location: Evansville, IN
 Contractor: Bowen Engineering Corporation

Plant: Beaver Dam
 5/11/2026 3:01:41 PM

Tech: S. Felletter
 PC: A. Chambers



Structure ID: 200 (10)

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 - 32"
- 1) CASTING - HOE 280T F/G
- 1) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 20

0 lb
 3613 lb
 182 lb
 0 lb
 0 lb

 Structure Total: 3795 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 280T F/G).

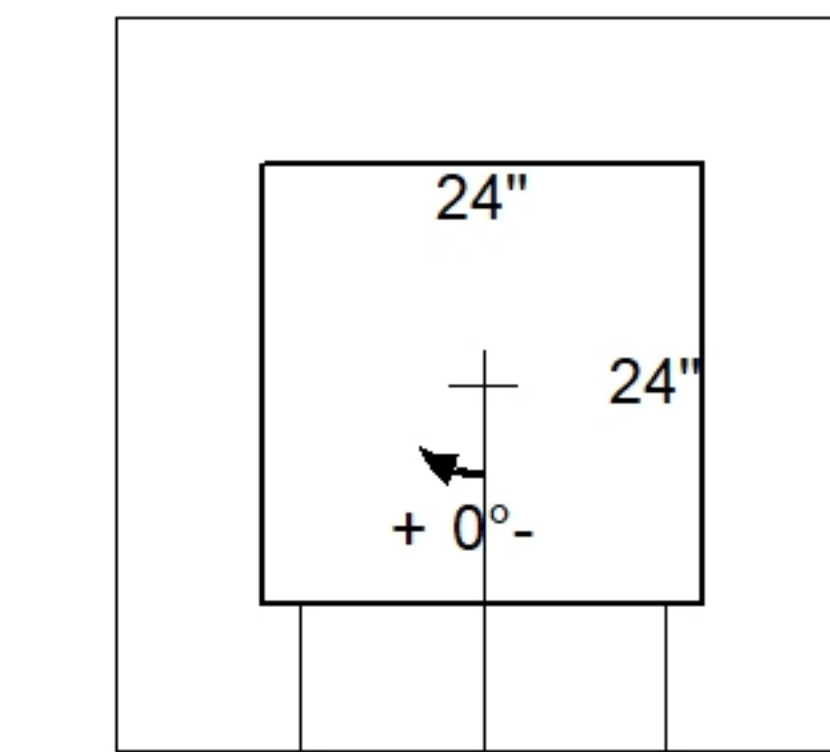
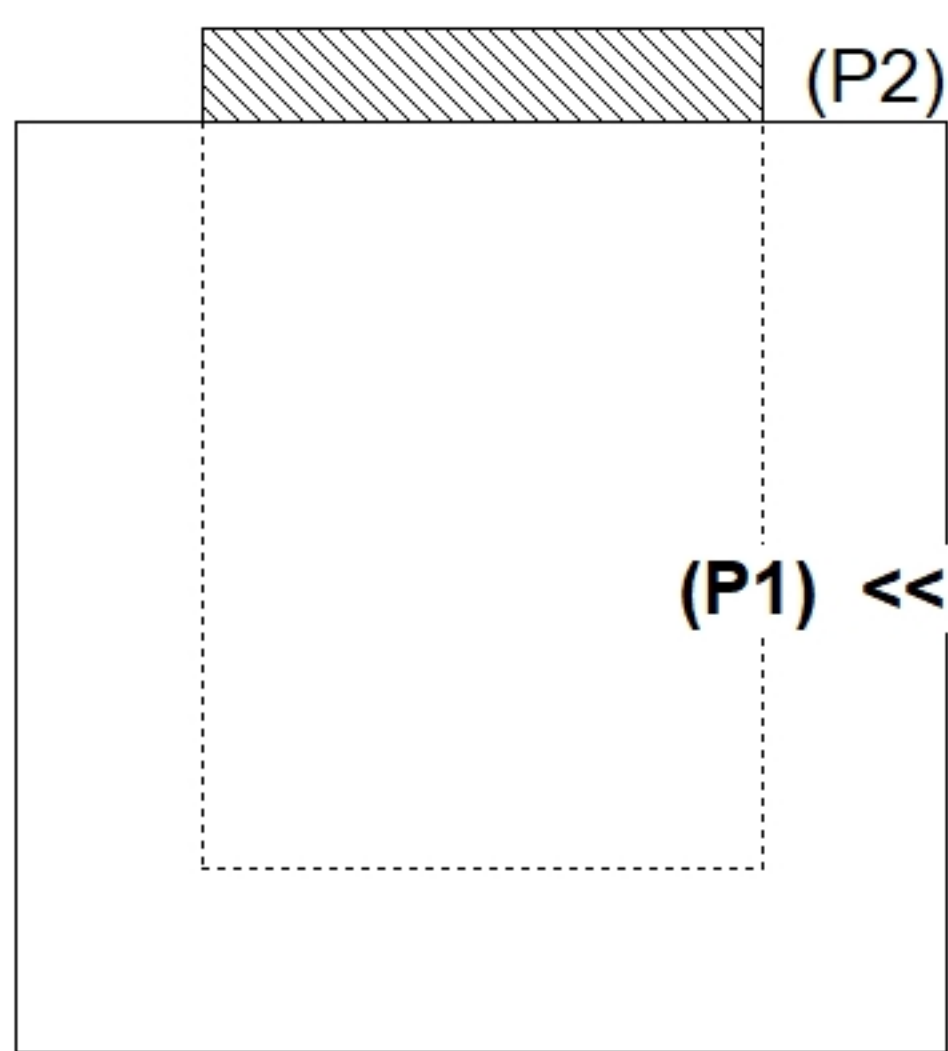
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 377.68' Rim to Invert: 2.88' Slack: 0.56" Sump: 2" Step Position:

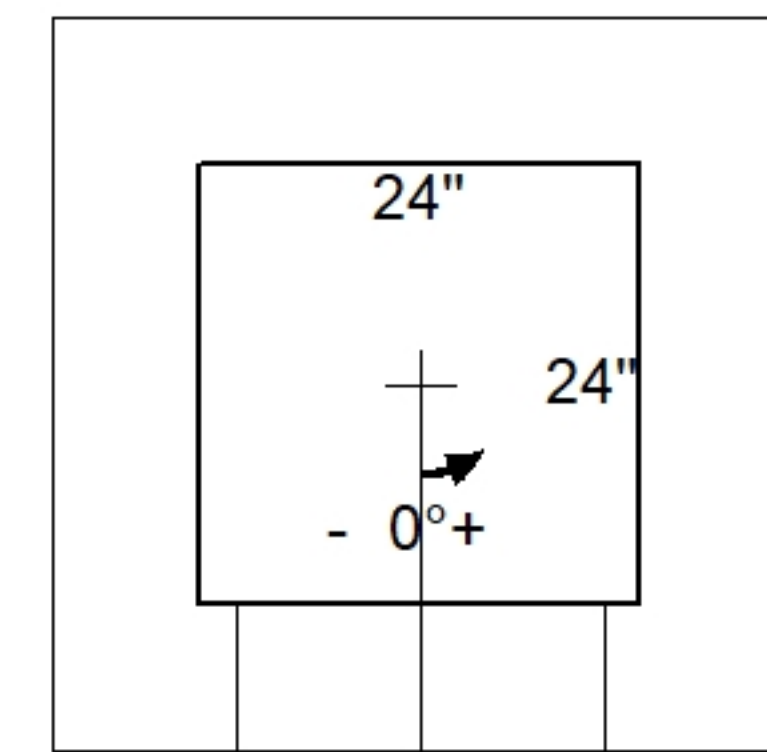
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	374.8'	0°	20"	12" RCP B WALL	16"	Hole 20	20"	20"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

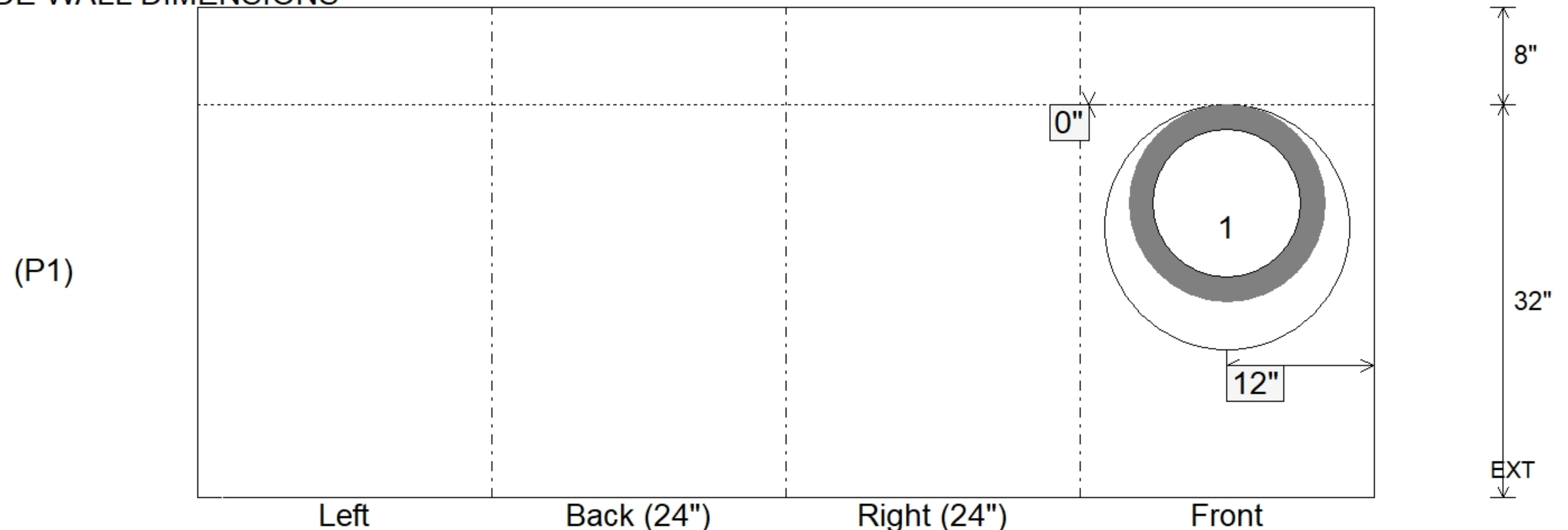


Invert: 1
 Degree: 0°
 Horz: 12"
 Hole: 20"
 Up(): 0"



Invert: 1
 Degree: 0°
 Horz: 12"
 Hole: 20"
 Up(): 0"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 32"
 Height (Ext): 40"

Weight (Net): 3613 lb
 Volume (Net): 0.92cu.yd

Job Name: 25-3310 - Mammoth Cave NP-MACA 12
 Job Location: Mammoth Cave , KY
 Contractor: Phillips Brothers

Plant: 100

Tech: J. Horsley - F

5/5/2026 5:08:09 PM

PC: C. Goff



Structure ID: CB1

P1 BX3048-08W08F-BAVF

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

- P2) 30" x 48" - CASTING HEIGHT - 8"
- P1) 30" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 49"
- 1) SECONDARY POUR - WALLS
- 1) 30" x 48" - Conseal CS-102 1.00"
- 2) Hole - 34

0 lb
 6941 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 6941 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 - NEENAH R-3287-15

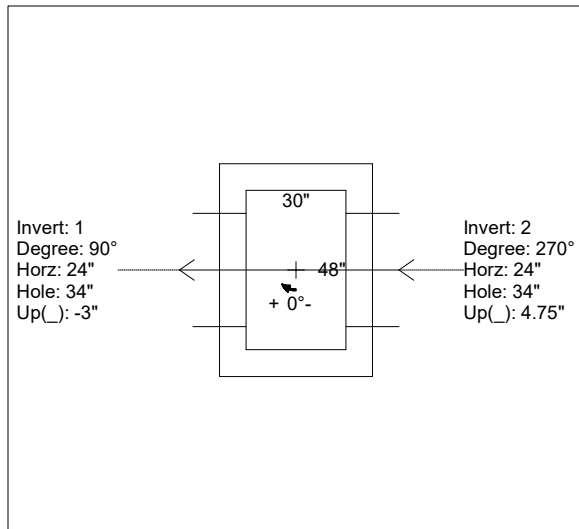
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 6" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 6" C.C.E.W.

Rim: 739.04' Rim to Invert: 4.79' Slack: 0.48" Sump: 0" Step Position:

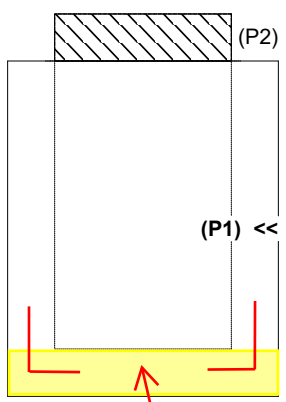
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	734.25'	90°	32"	24" RCP B WALL	30"	Hole 34	34"	34"	-3"	0"
Invert 2	734.9'	270°	32"	24" RCP B WALL	30"	Hole 34	34"	34"	4.75"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

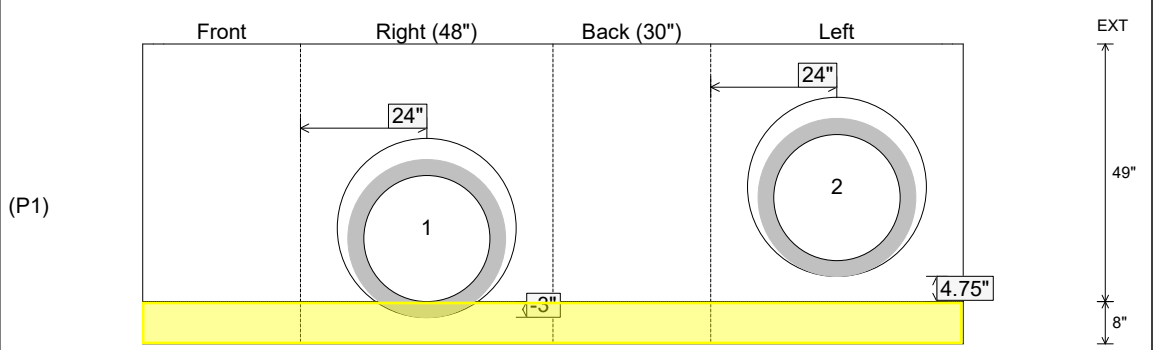


**1ST POUR (FLOOR) = 1,976 LBS
 2ND POUR (WALLS) = 4,965 LBS**



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

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 49"
 Height (Ext): 57"

Weight (Net): 6941 lb
 Volume (Net): 1.77cu.yd

Job Name: 25-3310 - Mammoth Cave NP-MACA 12
 Job Location: Mammoth Cave , KY
 Contractor: Phillips Brothers

Plant: 100
 5/5/2026 5:08:09 PM

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



Structure ID: CB1

P1 BX3048-08W08F-BAVF

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

- P2) 30" x 48" - CASTING HEIGHT - 8"
- P1) 30" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 49"
- 1) SECONDARY POUR - WALLS
- 1) 30" x 48" - Conseal CS-102 1.00"
- 2) Hole - 34

0 lb
 6941 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 6941 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 - NEENAH R-3287-15

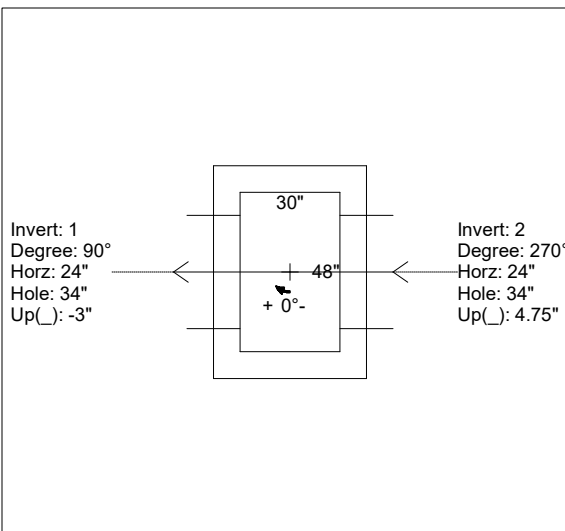
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 6" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 6" C.C.E.W.

Rim: 739.04' Rim to Invert: 4.79' Slack: 0.48" Sump: 0" Step Position:

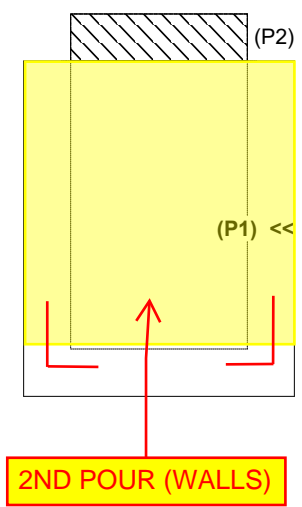
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	734.25'	90°	32"	24" RCP B WALL	30"	Hole 34	34"	34"	-3"	0"
Invert 2	734.9'	270°	32"	24" RCP B WALL	30"	Hole 34	34"	34"	4.75"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

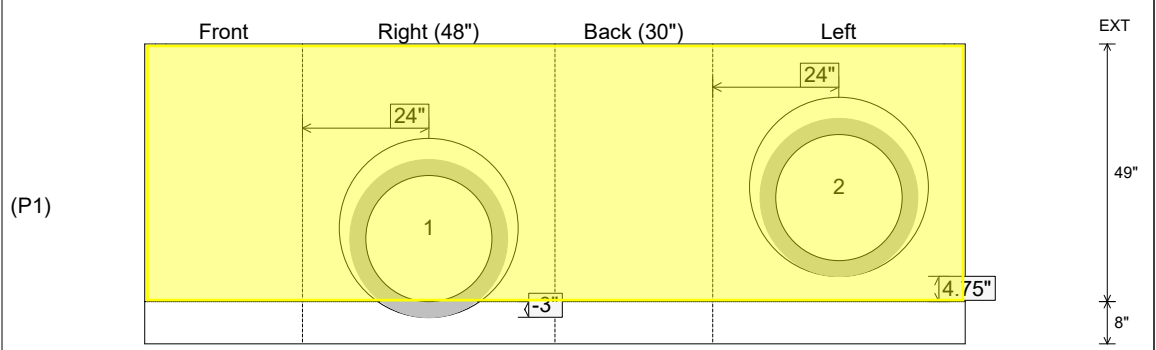
UPSIDE-DOWN VIEW (int. dimensions)



**1ST POUR (FLOOR) = 1,976 LBS
 2ND POUR (WALLS) = 4,965 LBS**



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): 6941 lb
 Volume (Net): 1.77cu.yd

Job Name: 25-3310 - Mammoth Cave NP-MACA 12
 Job Location: Mammoth Cave , KY
 Contractor: Phillips Brothers

Plant: 100

Tech: J. Horsley - F

5/5/2026 5:08:07 PM

PC: C. Goff



Structure ID: IN3A

P1 BX3030-06VH

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

- P2) 30" x 30" - CASTING HEIGHT - 4"
- P1) 30" x 30" - BOX BASE 6inW, 6inF, Variable Ht F/n - 52"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 1) Hole - 26"

0 lb
 4391 lb
 0 lb
 0 lb

 Structure Total: 4391 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 - HOE-428

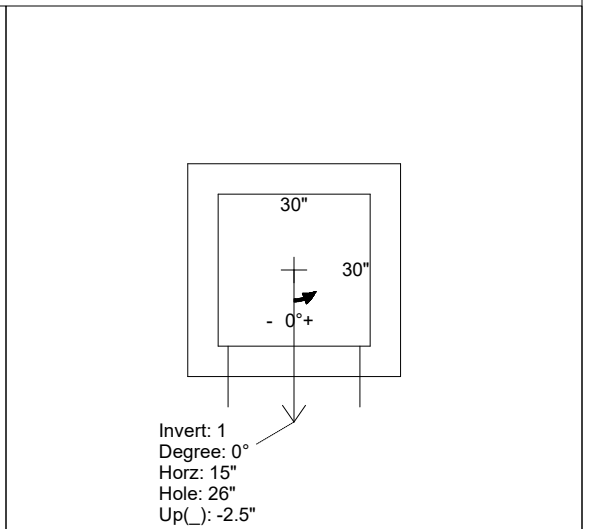
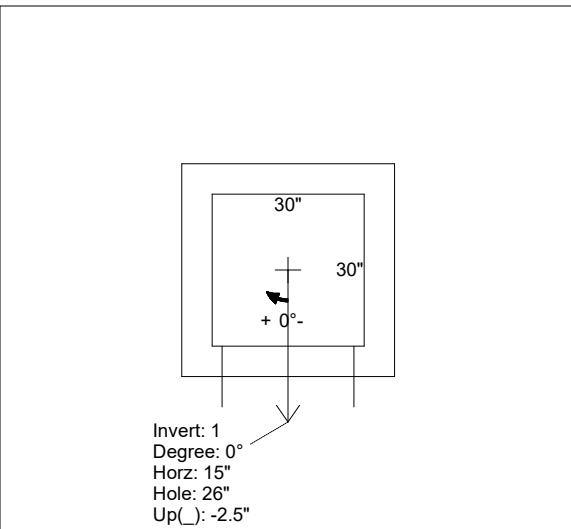
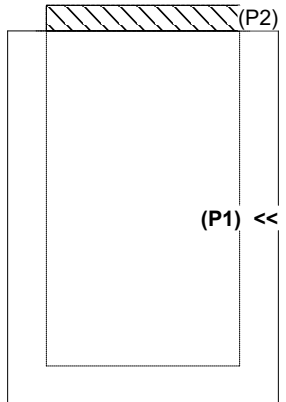
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 6" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 6" C.C.E.W.

Rim: 740.36' Rim to Invert: 4.74' Slack: 0.88" Sump: 0" Step Position:

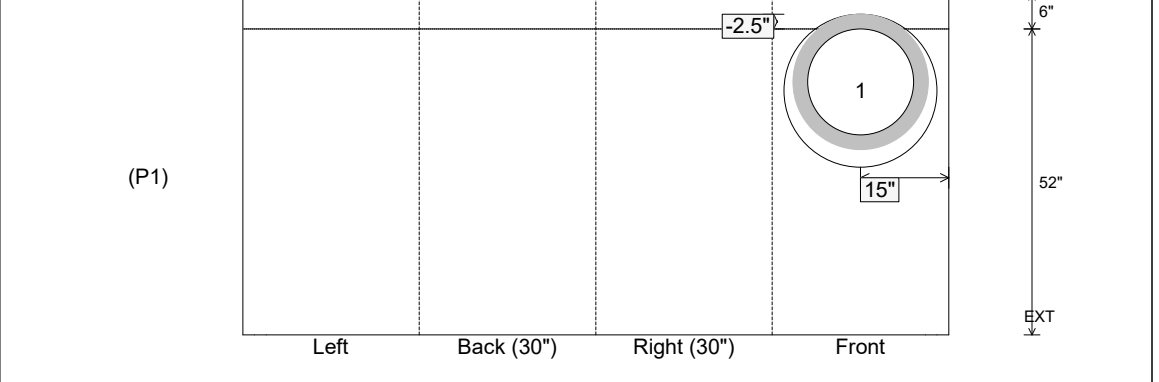
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	735.62'	0°	21"	18" RCP B WALL	23"	Hole 26	26"	26"	-2.5"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 52" Height (Ext): 58"	Weight (Net): 4391 lb Volume (Net): 1.12cu.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 5:08:06 PM

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



Structure ID: IN8B

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 - 58"
- 1) 36" x 48" - Conseal CS-102 1.00"
- 1) Hole - 30
- 2) Hole - 32
- 1) Hole - 26

0 lb
 8110 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 8110 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 DOWELS @ 12" O.C. STUBBED 20" OUT THE TOP OF THE WALLS FOR APRON & GUTTER ATTACHMENT BY OTHERS.

 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

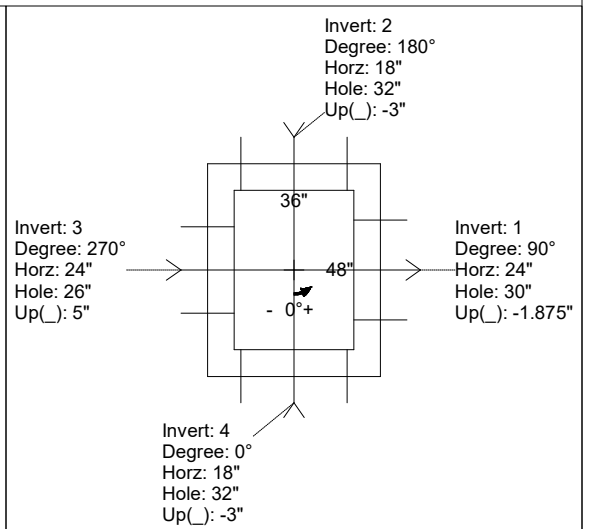
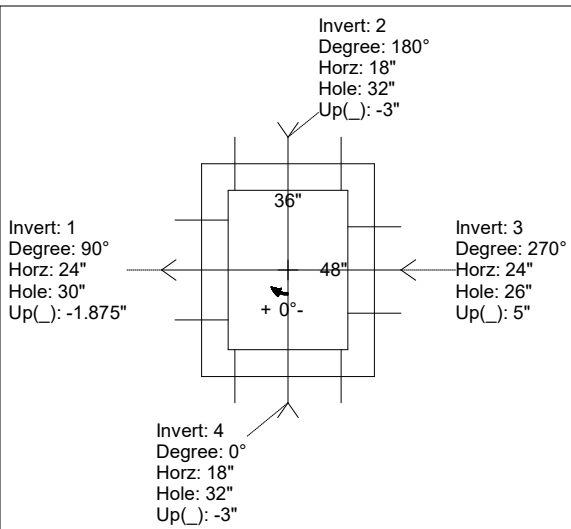
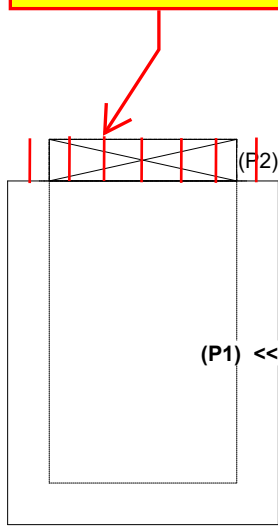
Rim: 739.62' Rim to Invert: 5.5' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	734.12'	90°	32"	24" HDPE	27.8"	Hole 30	30"	30"	-1.875"	0"
Invert 2	734.12'	180°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 3	734.75'	270°	32"	18" RCP B WALL	23"	Hole 26	26"	26"	5"	0"
Invert 4	734.12'	0°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

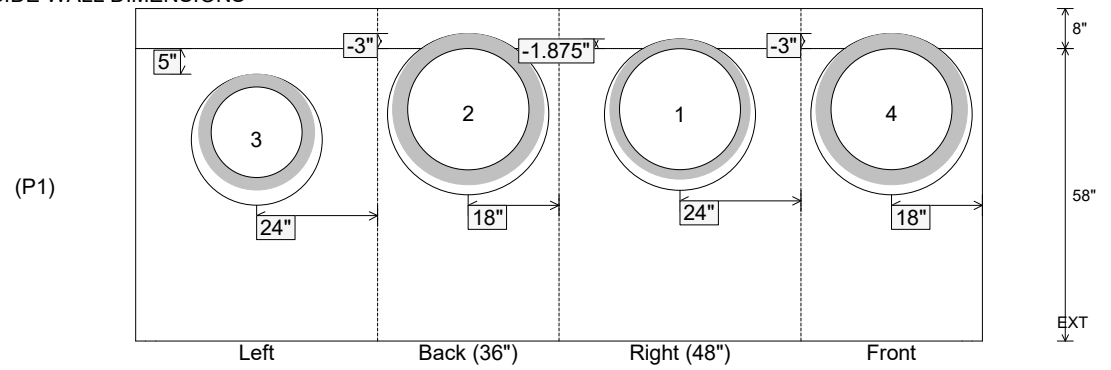
RIGHT-SIDE UP VIEW (int. dimensions)

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): 58" Height (Ext): 66"	Weight (Net): 8110 lb Volume (Net): 2.07cu.yd
----------------------------------	-------------------------------	--	--	--

Job Name: 26-1077 - Westside Markets of Greensboro Village
 Job Location: Gallatin, TN
 Contractor: Cleary Construction, Inc.

Plant: 100
 5/5/2026 12:10:54 PM

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



Structure ID: B5

P1 BX2436-08BA48

BOX BASE 8inW, 8inF F/n

- P2) 24" x 36" - CASTING HEIGHT - 5"
- P1) 24" x 36" - BOX BASE 8inW, 8inF F/n - 48"
- 1) 24" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK
- 1) CASTING - EJ 6499 Beehive Grate
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 30
- 1) Hole - 24
- 1) Hole - 6

0 lb
 5573 lb
 450 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 6273 lb

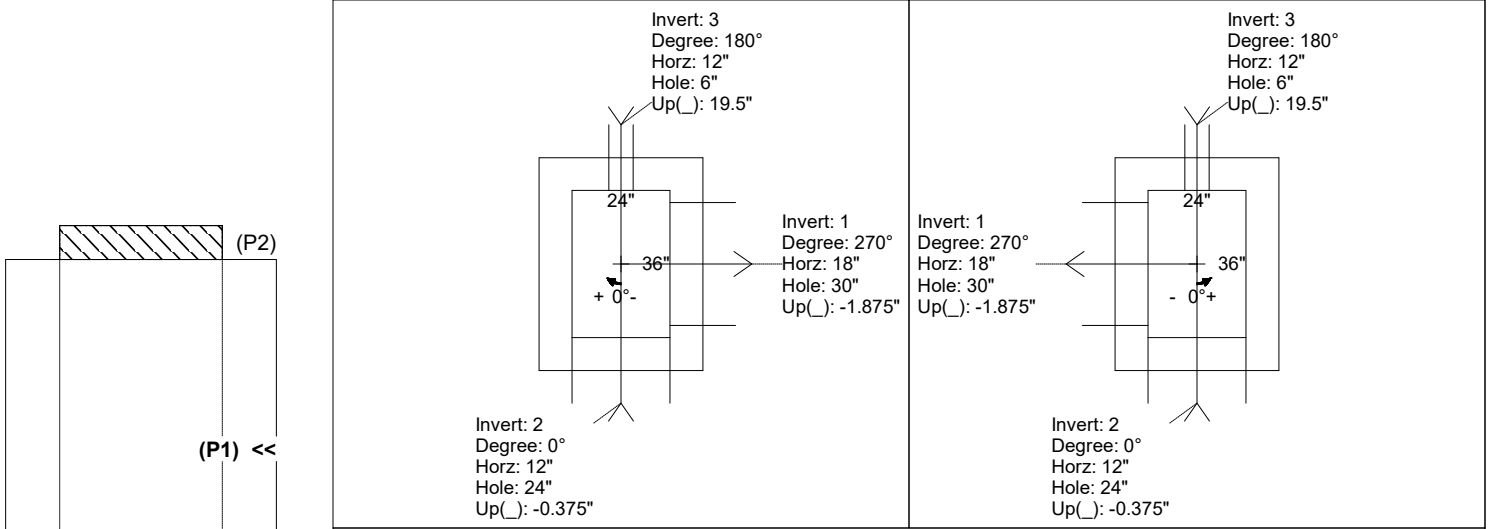
Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS.
 4. CASTING SUPPLIED BY I-CAST (EJ 6499).
 REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 497' Rim to Invert: 4.48' Slack: 0.76" Sump: 0" Step Position:

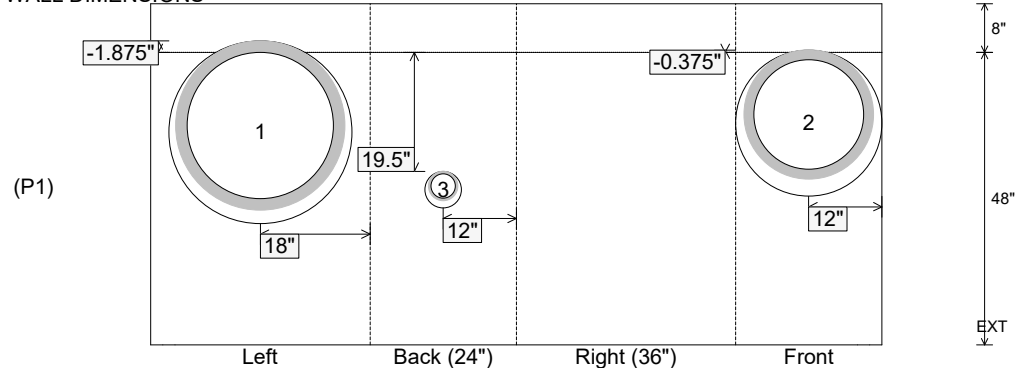
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	492.52'	270°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-1.875"	0"
Invert 2	492.62'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-0.375"	0"
Invert 3	494.18'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	19.5"	0"
Invert 4										
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: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 48"
 Height (Ext): 56"

Weight (Net): 5573 lb
 Volume (Net): 1.42cu.yd

Job Name: 26-1077 - Westside Markets of Greensboro Village
 Job Location: Gallatin, TN
 Contractor: Cleary Construction, Inc.

Plant: 100
 5/5/2026 12:10:54 PM

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



Structure ID: B5

P1 BX2436-08BA48

BOX BASE 8inW, 8inF F/n

P2) 24" x 36" - CASTING HEIGHT - 5"
 P1) 24" x 36" - BOX BASE 8inW, 8inF F/n - 48"

1) 24" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK

- 1) CASTING - EJ 6499 Beehive Grate
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 30
- 1) Hole - 24
- 1) Hole - 6

0 lb
 5573 lb
 450 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 6273 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).

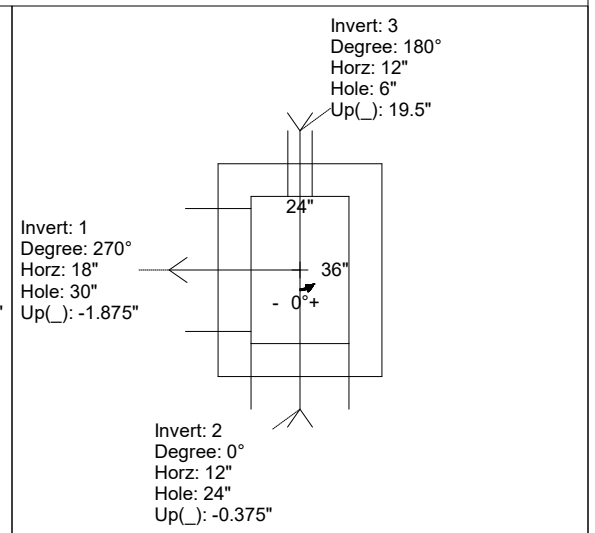
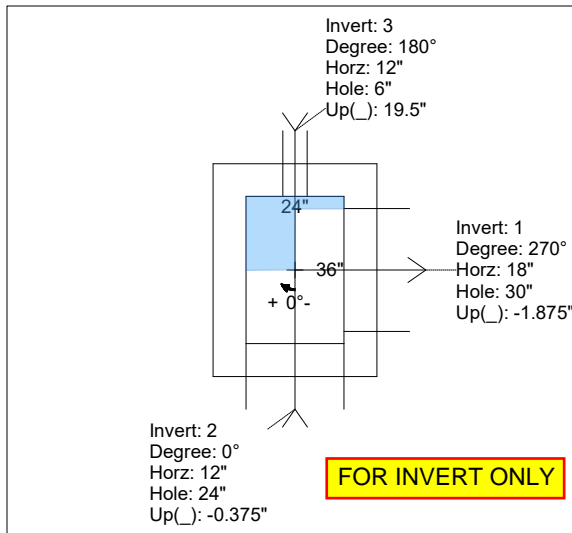
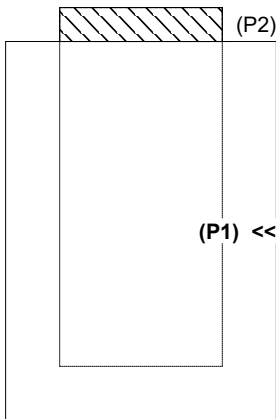
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 497' Rim to Invert: 4.48' Slack: 0.76" Sump: 0" Step Position:

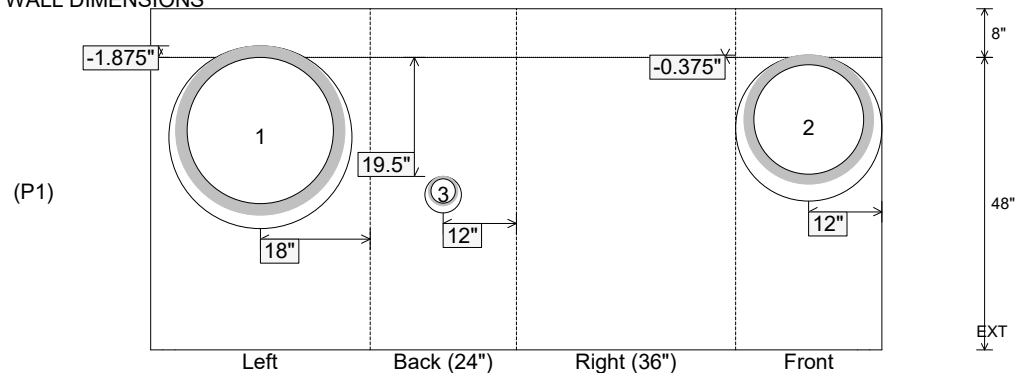
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	492.52'	270°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-1.875"	0"
Invert 2	492.62'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-0.375"	0"
Invert 3	494.18'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	19.5"	0"
Invert 4										
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: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 48"
 Height (Ext): 56"

Weight (Net): 5573 lb
 Volume (Net): 1.42cu.yd

Job Name: 26-1077 - Westside Markets of Greensboro Village
 Job Location: Gallatin, TN
 Contractor: Cleary Construction, Inc.

Plant: 100
 5/5/2026 12:10:53 PM

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



Structure ID: B4

P1 BX2436-08BVF

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

- P3) 24" x 36" - CASTING HEIGHT - 5"
- P2) 24" x 36" - BOX RISER 8inW, Variable Ht F/G - 41"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 34"
- 1) CASTING - EJ 6499 Beehive Grate
- 1) 24" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 6

0 lb
 4184 lb
 3898 lb
 250 lb
 450 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 8781 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).

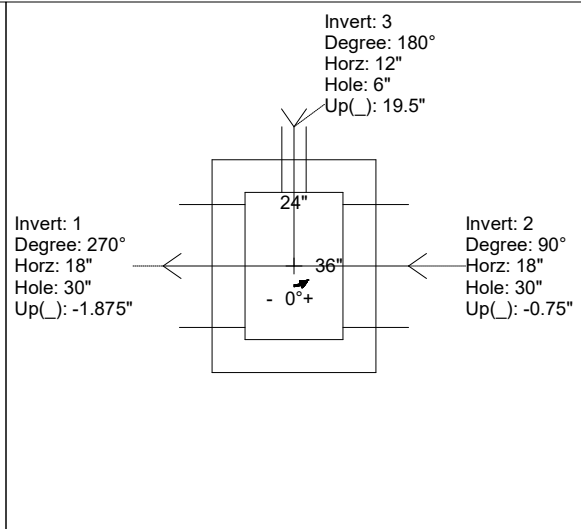
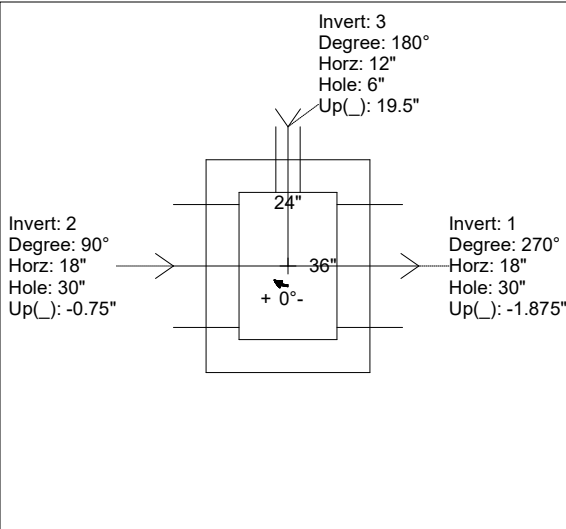
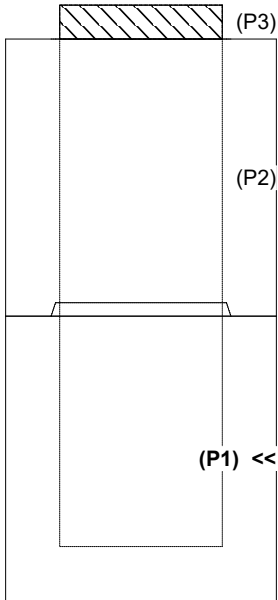
 REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 498' Rim to Invert: 6.71' Slack: 0.52' Sump: 0' Step Position:

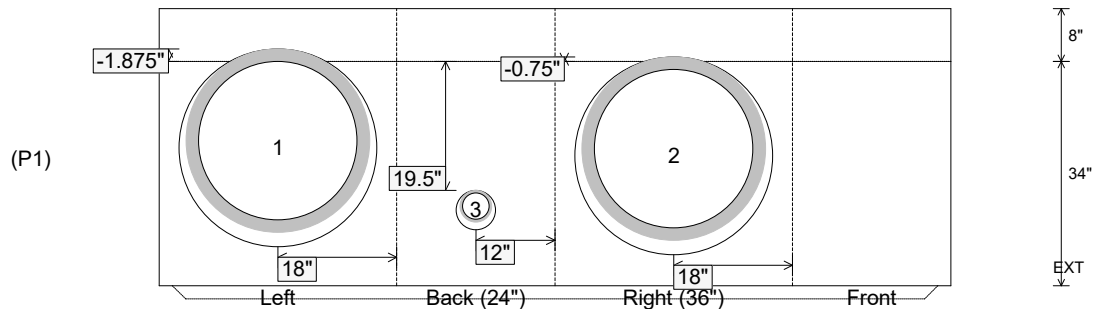
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	491.29'	270°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-1.875"	0"
Invert 2	491.39'	90°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-0.75"	0"
Invert 3	492.95'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	19.5"	0"
Invert 4										
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: 8"
 Floor Height: 8"

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

Weight (Net): 3898 lb
 Volume (Net): 1cu.yd

Job Name: 26-1077 - Westside Markets of Greensboro Village
 Job Location: Gallatin, TN
 Contractor: Cleary Construction, Inc.

Plant: 100
 5/5/2026 12:10:53 PM

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



Structure ID: B4

P1 BX2436-08BVF

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

- P3) 24" x 36" - CASTING HEIGHT - 5"
- P2) 24" x 36" - BOX RISER 8inW, Variable Ht F/G - 41"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 34"
- 1) CASTING - EJ 6499 Beehive Grate
- 1) 24" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 6

0 lb
 4184 lb
 3898 lb
 250 lb
 450 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 8781 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).

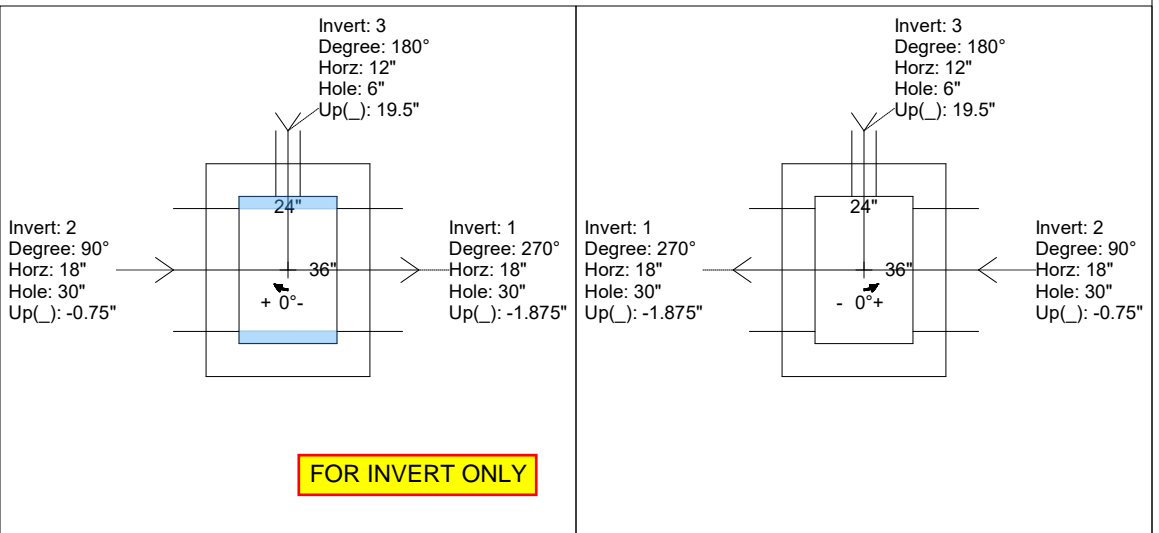
 REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 498' Rim to Invert: 6.71' Slack: 0.52' Sump: 0' Step Position:

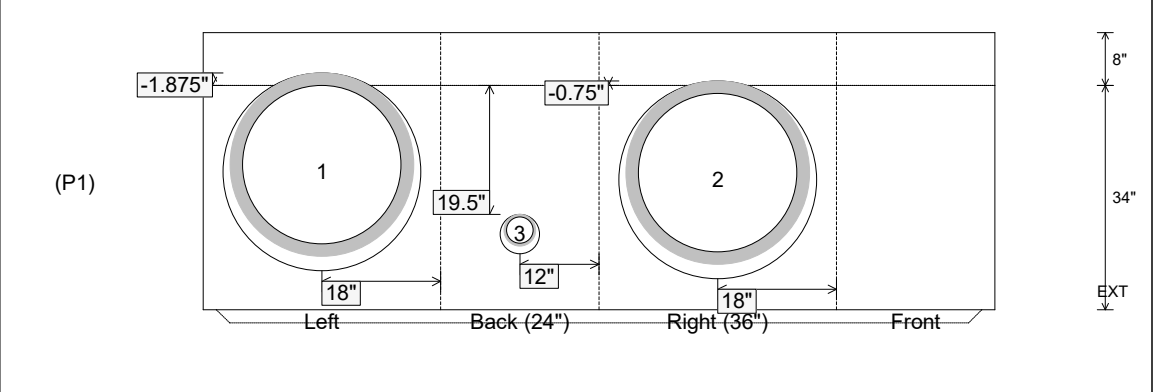
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	491.29'	270°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-1.875"	0"
Invert 2	491.39'	90°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-0.75"	0"
Invert 3	492.95'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6"	19.5"	0"
Invert 4										
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: 8" Floor Height: 8"	Height (Int): 34" Height (Ext): 42"	Weight (Net): 3898 lb Volume (Net): 1cu.yd
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Job Name: 26-1232 - Mustang Village Apartments Ph.1
 Job Location: Paducah, KY
 Contractor: Wood Brothers

Plant: 100
 4/21/2026 8:03:27 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: S40-40 ST-DBI

P1 BX2424-08BA30

BOX BASE 8inW, 8inF F/n

- P2) 24" x 24" - CASTING HEIGHT - 0"
- P1) 24" x 24" - BOX BASE 8inW, 8inF F/n - 30"
- 1) CASTING - HOE HOE-315 ANGLE F/G
- 1) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 14

0 lb
 3549 lb
 258 lb
 0 lb
 0 lb

 0 lb
 Structure Total: 3807 lb

- Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE-315 ANGLE F/G)

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

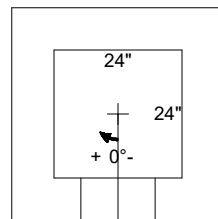
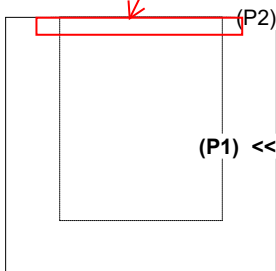
Rim: 381.4' Rim to Invert: 2.5' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	378.9'	0°	20"	10" HDPE	11.4"	Hole 14	14"	14"	-0.75"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

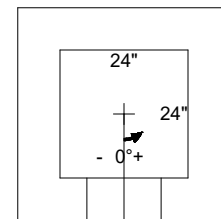
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

31"x31"x3" deep recess
 in the top of walls



Invert: 1
 Degree: 0°
 Horz: 12"
 Hole: 14"
 Up(↓): -0.75"



Invert: 1
 Degree: 0°
 Horz: 12"
 Hole: 14"
 Up(↓): -0.75"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 30"
 Height (Ext): 38"

Weight (Net): 3549 lb
 Volume (Net): 0.91cu.yd

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

Plant: Beaver Dam
 4/23/2026 8:35:53 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: FMH1-42 SS-MH

P1 MH048BA18

MH BASE T/n

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING F/F - 4"	270 lb
P3) 48" - ECC CONE w/ 24" HOLE F/G - 30"	2050 lb
P2) 48" - MH RISER T/G - 36"	2515 lb
P1) 48" - MH BASE T/n - 18"	2492 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 DD (DBL Bands)	8 lb
1) PSX - 12-06 DD (DBL Bands)	8 lb
7) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8783 lb

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

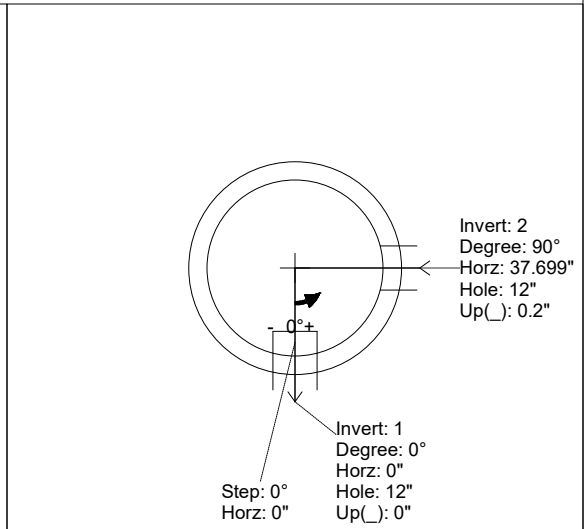
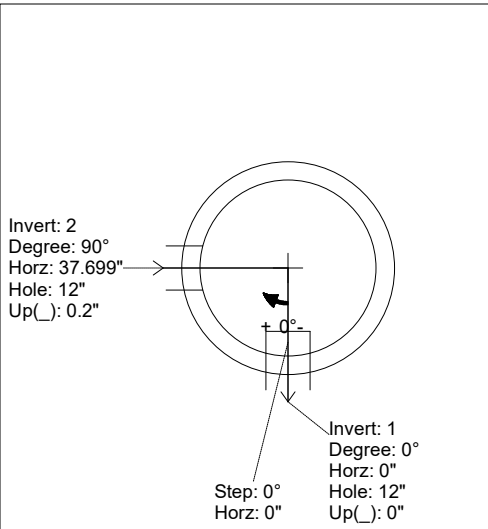
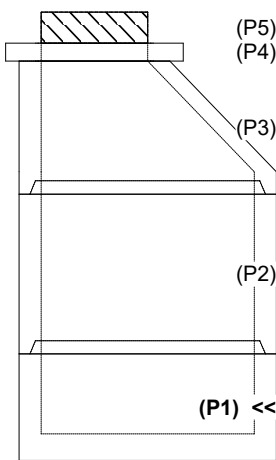
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 493.16' Rim to Invert: 7.8' Slack: 0.6" Sump: 2" Step Position: 0°

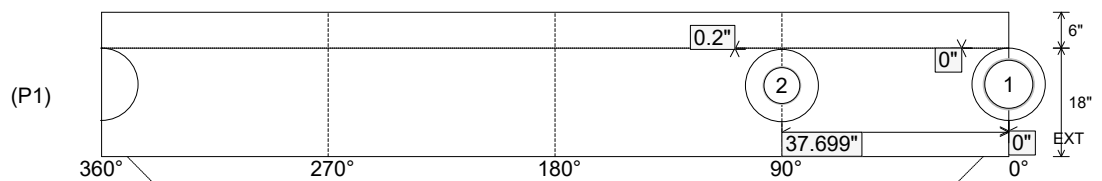
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	485.36'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	485.46'	90°	45.553"	6" PVC SDR35	6.25"	PSX 12-06 DD (DBL Bands)	12"	12.129"	0.2"	0"
Invert 3										
Invert 4										
Invert 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): 18" Height (Ext): 24"	Weight (Net): 2492 lb Volume (Net): 0.64cu.yd
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Job Name: 26-1210 Sacramento Gravity Sewer
 Job Location: Sacramento, KY
 Contractor: Scott & Ritter, Inc.

Plant: Beaver Dam
 4/23/2026 8:35:53 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: FMH1-42 SS-MH

P1 MH048BA18

MH BASE T/n

- P5) 24" - CASTING HEIGHT - 7" 0 lb
 - P4) 24" - GRADE RING F/F - 4" 270 lb
 - P3) 48" - ECC CONE w/ 24" HOLE F/G - 30" 2050 lb
 - P2) 48" - MH RISER T/G - 36" 2515 lb
 - P1) 48" - MH BASE T/n - 18" 2492 lb
 - 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
 - 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
 - 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1440 lb
 - 2) 48" - Conseal CS-102 1.00" (Double) 0 lb
 - 1) PSX - 12-08 DD (DBL Bands) 8 lb
 - 1) PSX - 12-06 DD (DBL Bands) 8 lb
 - 7) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: 8783 lb

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

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

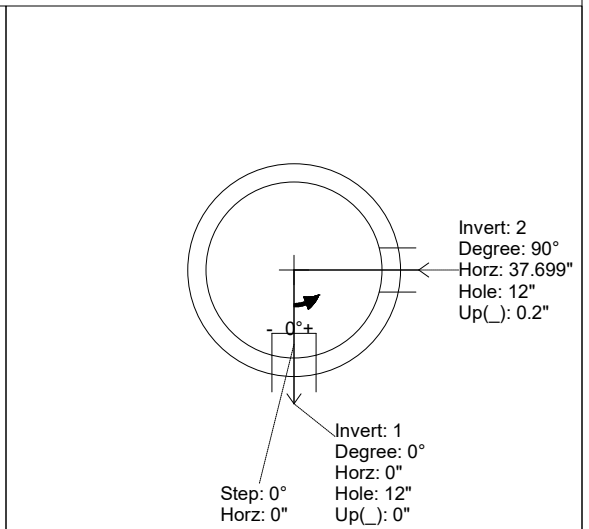
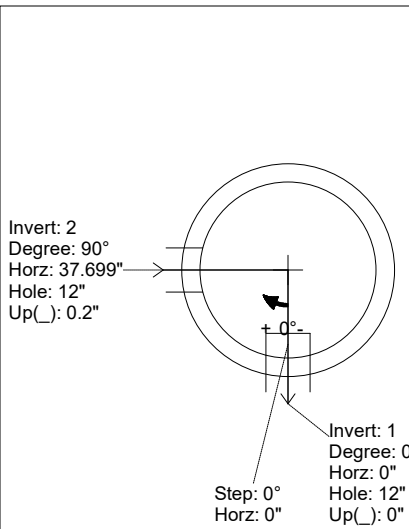
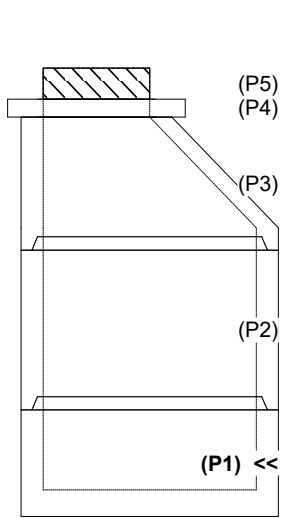
Invert channel drawing - full height invert

Rim: 493.16' Rim to Invert: 7.8' Slack: 0.6' Sump: 2" Step Position: 0°

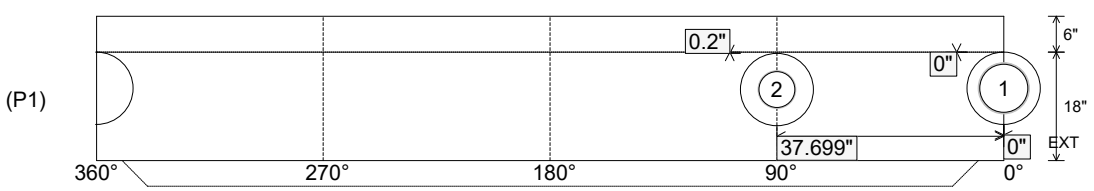
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	485.36'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	485.46'	90°	45.553"	6" PVC SDR35	6.25"	PSX 12-06 DD (DBL Bands)	12"	12.129"	0.2"	0"
Invert 3										
Invert 4										
Invert 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): 18" Height (Ext): 24"	Weight (Net): 2492 lb Volume (Net): 0.64cu.yd
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Job Name: 26-1210 Sacramento Gravity Sewer
 Job Location: Sacramento, KY
 Contractor: Scott & Ritter, Inc.

Plant: Beaver Dam
 4/23/2026 8:35:47 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH4-31 SS-MH

P1 MH048BA18

MH BASE T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 48" - ECC CONE w/ 24" HOLE F/G - 24"	1550 lb
P2) 48" - MH RISER T/G - 48"	3353 lb
P1) 48" - MH BASE T/n - 18"	2492 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 DD (DBL Bands)	16 lb
7) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8851 lb

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

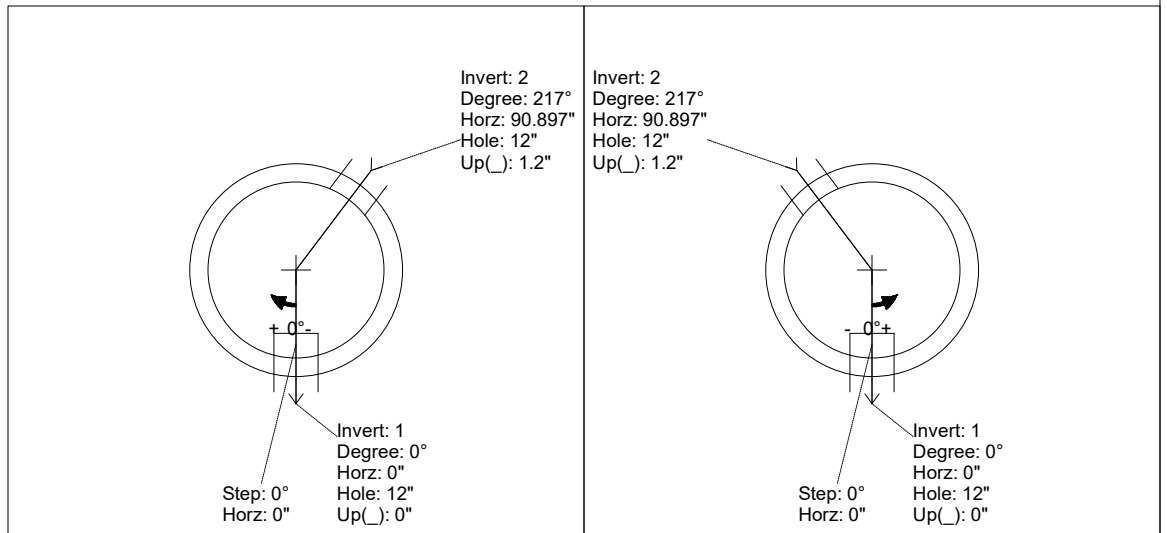
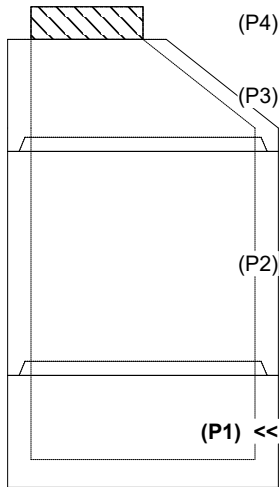
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 480.58' Rim to Invert: 8.13' Slack: 2.56" Sump: 2" Step Position: 0°

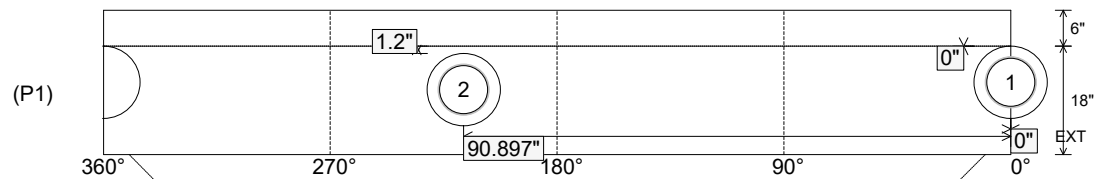
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	472.45'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	472.55'	217°	109.834"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 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): 18" Height (Ext): 24"	Weight (Net): 2492 lb Volume (Net): 0.64cu.yd
----------------------------------	---------------------------------	--	--	--

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

Plant: Beaver Dam
 4/23/2026 8:35:47 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: DMH4-31 SS-MH

P1 MH048BA18

MH BASE T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE F/G - 24"
- P2) 48" - MH RISER T/G - 48"
- P1) 48" - MH BASE T/n - 18"
- 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)
- 7) MH Step ML-10-TDS-NCR - 10"

0 lb
 1550 lb
 3353 lb
 2492 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 8851 lb

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

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

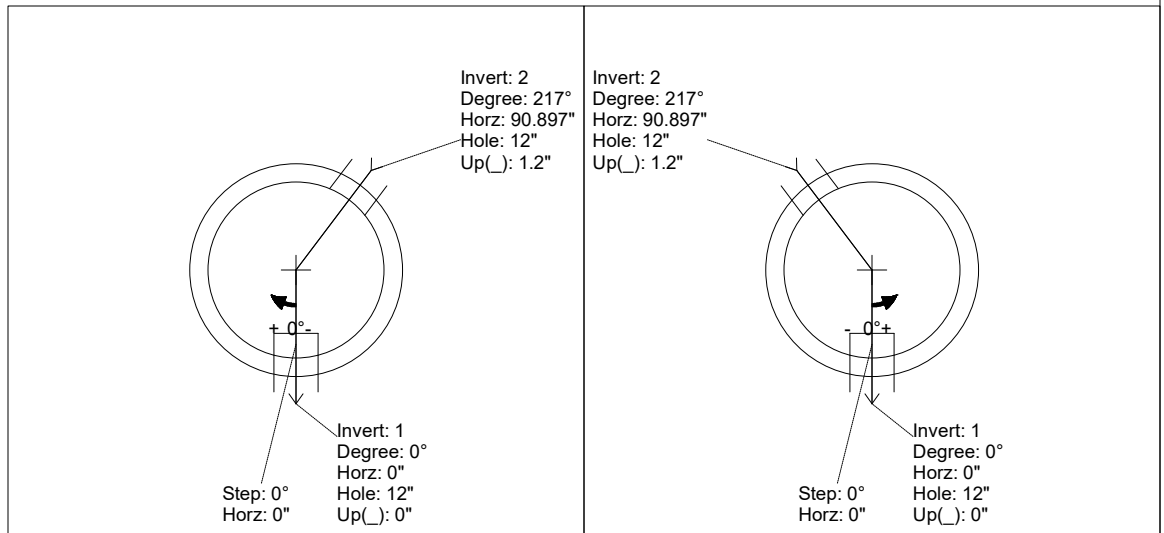
Invert channel drawing - full height invert

Rim: 480.58' Rim to Invert: 8.13' Slack: 2.56" Sump: 2" Step Position: 0°

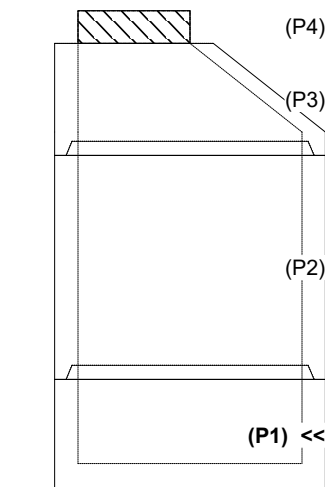
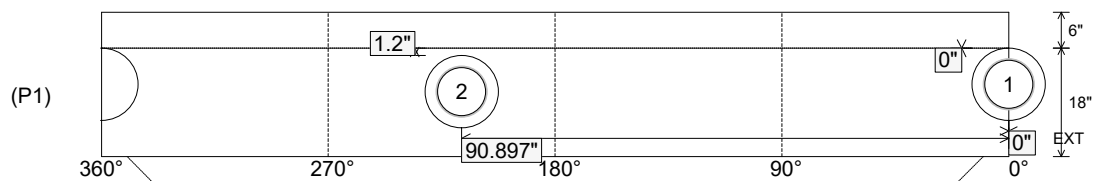
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	472.45'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	0"	0"
Invert 2	472.55'	217°	109.834"	8" PVC SDR35	8.5"	PSX 12-08 DD (DBL Bands)	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 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): 18" Height (Ext): 24"	Weight (Net): 2492 lb Volume (Net): 0.64cu.yd
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Job Name: 26-1232 - Mustang Village Apartments Ph.1
 Job Location: Paducah, KY
 Contractor: Wood Brothers

Plant: 100
 4/21/2026 8:03:35 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: SSMH D-1-55 SS-MH

P1 MH048BA24

MH BASE T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 48" - ECC CONE w/ 24" HOLE F/G - 24"	1550 lb
P2) 48" - MH RISER T/G - 48"	3353 lb
P1) 48" - MH BASE T/n - 24"	2863 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) CASTING - HOE MC-375 F/C Sanitary	271 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
2) PSX - 12-06 NYLO	16 lb
7) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	9501 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (HOE MC-375 F/C SANITARY).

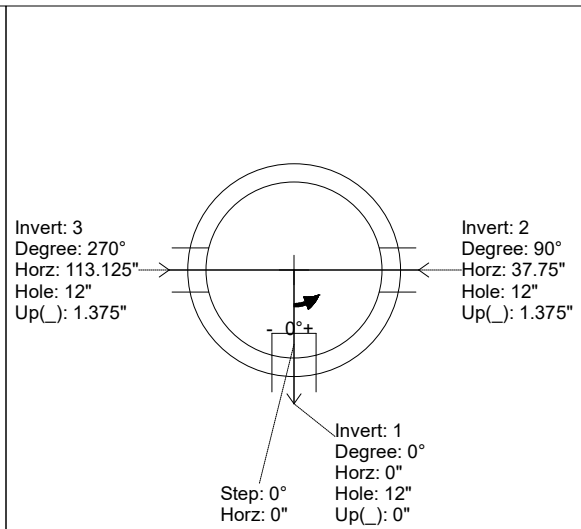
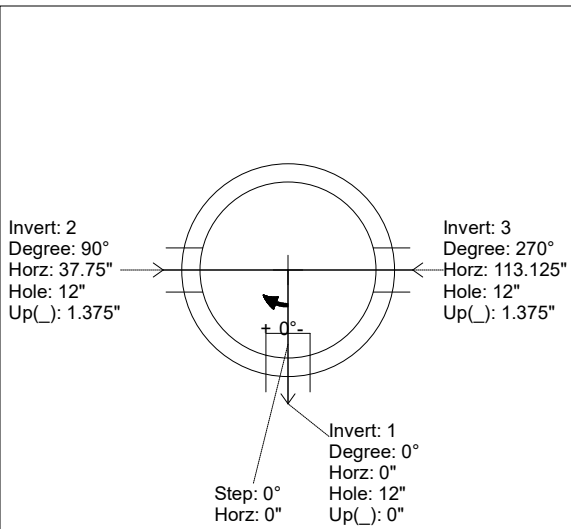
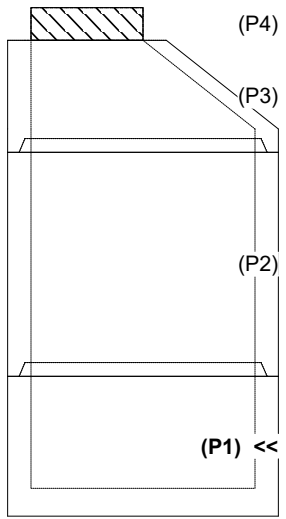
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 382.95' Rim to Invert: 8.45' Slack: 0.4" Sump: 2" Step Position: 0°

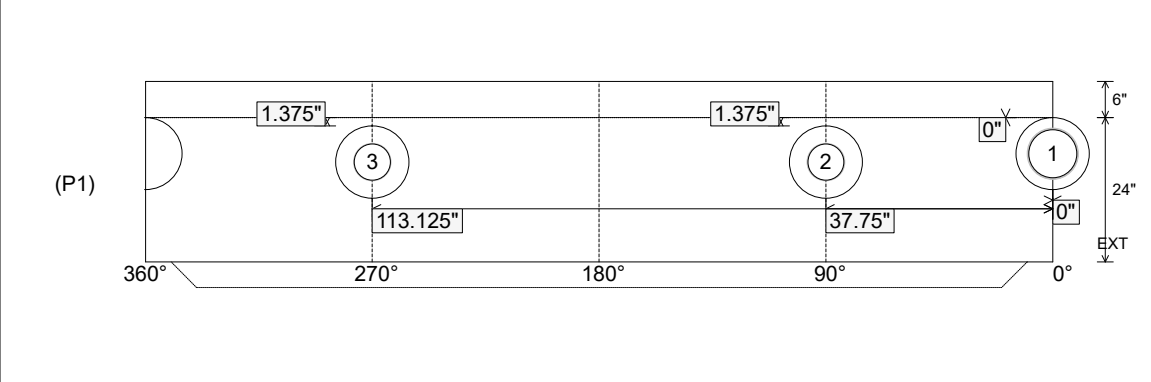
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	374.5'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	374.7'	90°	45.5"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 3	374.7'	270°	136.625"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2863 lb Volume (Net): 0.73cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 26-1232 - Mustang Village Apartments Ph.1
 Job Location: Paducah, KY
 Contractor: Wood Brothers

Plant: 100
 4/21/2026 8:03:35 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: SSMH D-1-55 SS-MH

P1 MH048BA24

MH BASE T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 48" - ECC CONE w/ 24" HOLE F/G - 24"	1550 lb
P2) 48" - MH RISER T/G - 48"	3353 lb
P1) 48" - MH BASE T/n - 24"	2863 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) CASTING - HOE MC-375 F/C Sanitary	271 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
2) PSX - 12-06 NYLO	16 lb
7) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	9501 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (HOE MC-375 F/C SANITARY).
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

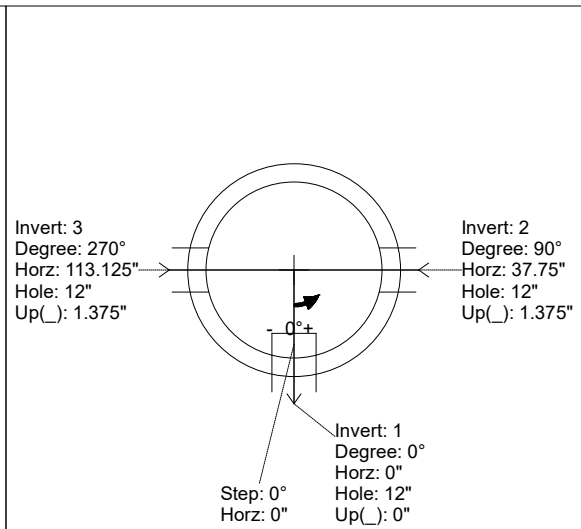
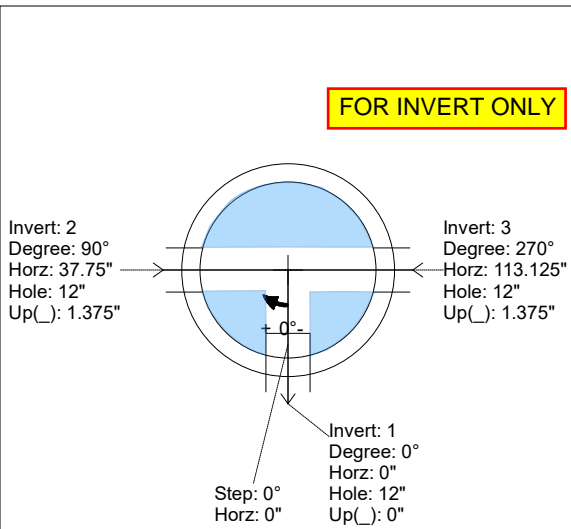
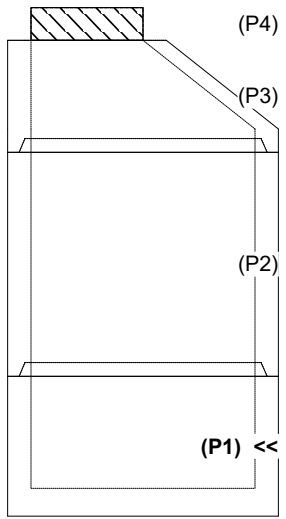
Rim: 382.95' Rim to Invert: 8.45' Slack: 0.4" Sump: 2" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	374.5'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	374.7'	90°	45.5"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 3	374.7'	270°	136.625"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

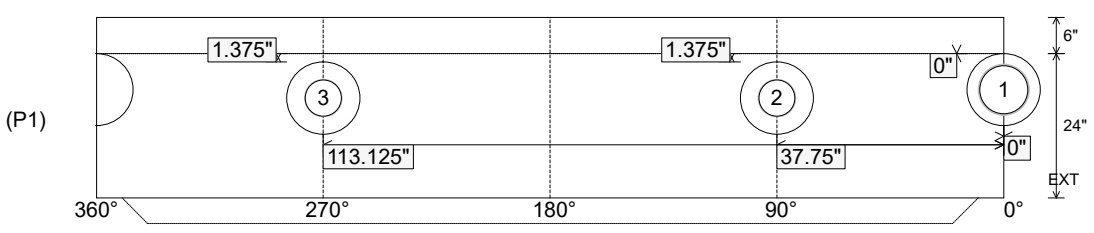
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

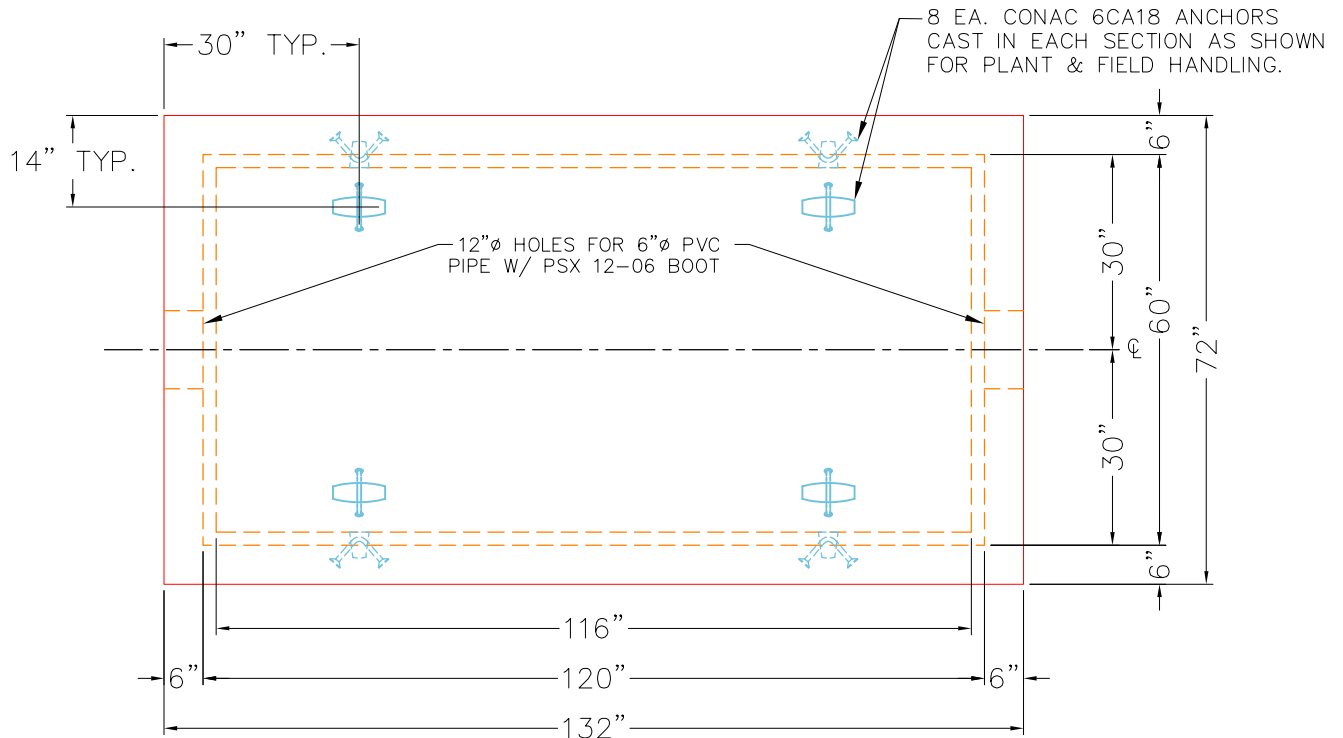
FOR INVERT ONLY



INSIDE WALL DIMENSIONS



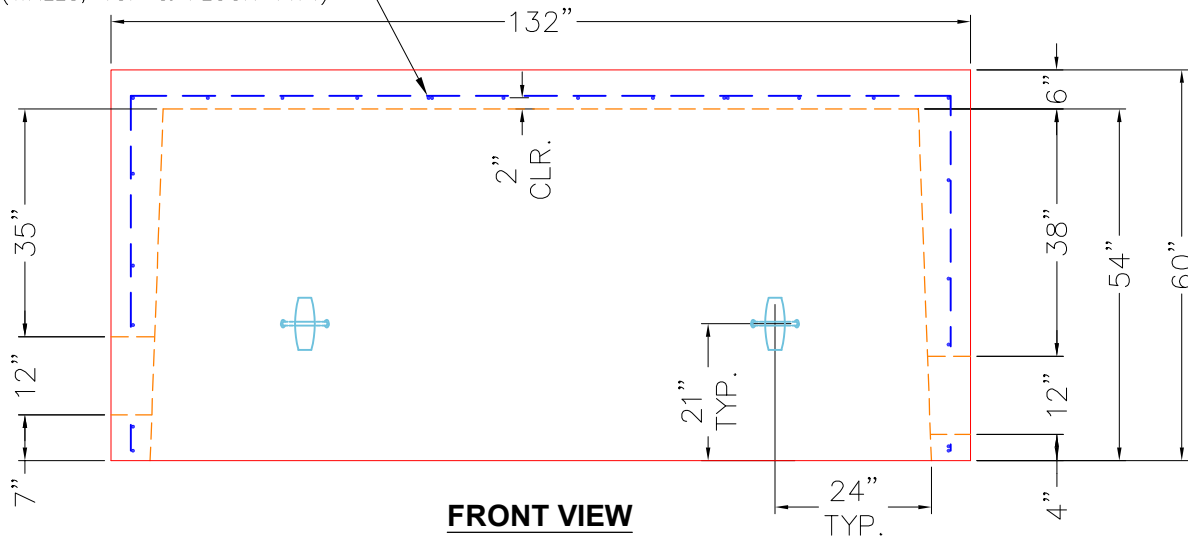
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2863 lb Volume (Net): 0.73cu.yd
----------------------------------	---------------------------------	--	--	--



TOP VIEW
(UPSIDE-DOWN)

FIRST POUR (MONO BASE) = 16,602 LBS


#5 BAR @ 8" C/C E.W.
1 1/2" CONCRETE COVER MIN.
(WALLS, TOP & FLOOR TYP.)

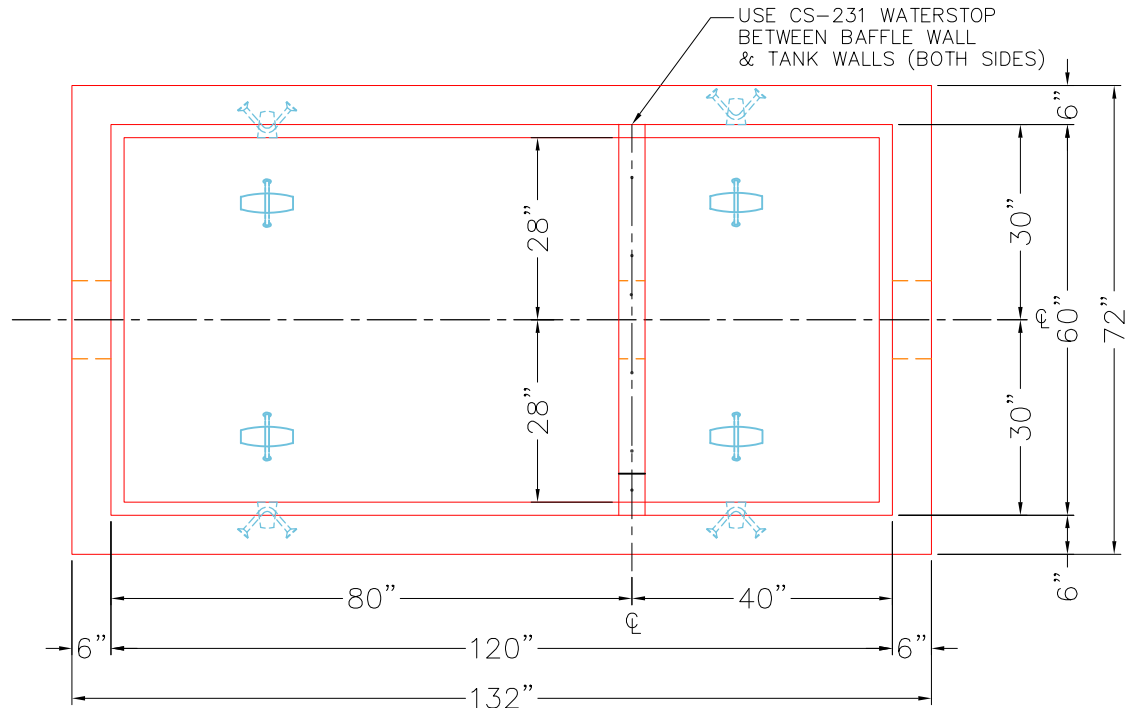


FRONT VIEW
(UPSIDE-DOWN)

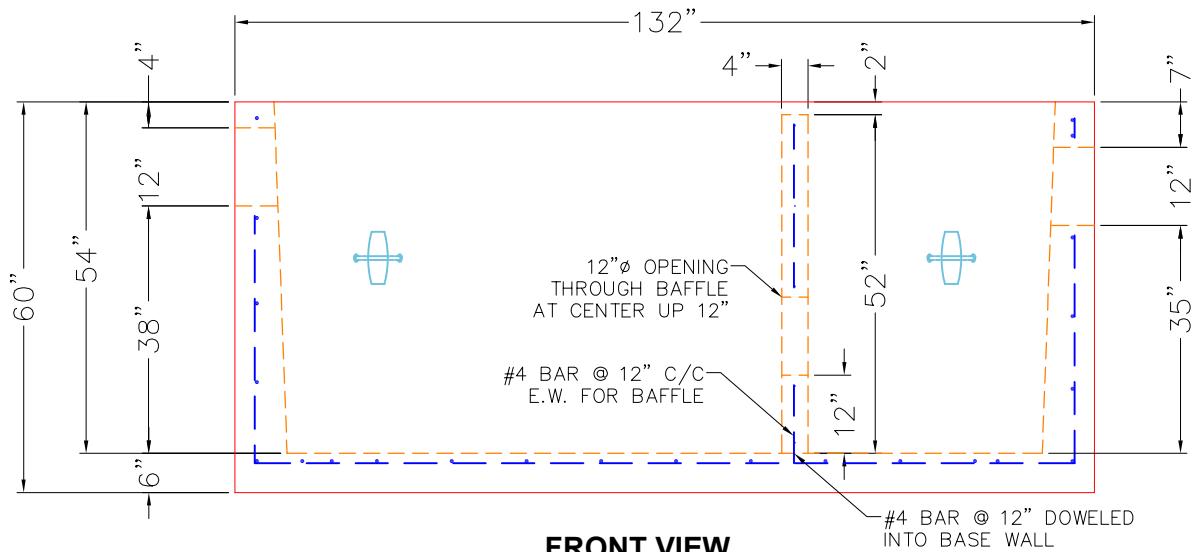
NOTES:

1. PER ASTM C-890-13 LATEST REVISION.
(H-20 TRAFFIC RATED DESIGN)
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
5. POUR BASE, THEN POUR INTERIOR BAFFLE--SEE PAGE 2 OF 2.
6. WEIGHT WITHOUT WEIR WALL 16,602 LBS
WEIGHT WITH WEIR WALL 17,675 LBS

PRODUCTION WORK ORDER		PRODUCT I.D.: BX060120-06W06F-BA54	DESCRIPTION: 60" X 120" X 54" TALL 1,000 GAL GREASE TRAP BASE		
	QUALITY CONTROL CHECKLIST	PRODUCT VIEW: UPSIDE-DOWN	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: 16,602 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	PE: E. BRADLEY	DRAWING: S. FELLETTER	
	<input type="checkbox"/> BAFFLE POURED CORRECTLY.	QC CHECK INITIALS:	DATE: 05/12/26	SCALE: NTS	PG. 1 of 2
<input type="checkbox"/> BOOTS & BANDS INSTALLED.					
<input type="checkbox"/> SURFACE QUALITY ACCEPTABLE.					



TOP VIEW
(RIGHT-SIDE UP)




FRONT VIEW
(RIGHT-SIDE UP)

SECOND POUR (BAFFLE WALL) = 1,073 LBS

NOTES:

1. PER ASTM C-890-13 LATEST REVISION. (H-20 TRAFFIC RATED DESIGN)
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
5. THIS DRAWING USED FOR POURING BAFFLE WALL.
6. WEIGHT WITHOUT WEIR WALL 16,602 LBS
WEIGHT WITH WEIR WALL 17,675 LBS

PRODUCTION WORK ORDER		PRODUCT I.D.: BW	DESCRIPTION: 60" X 120" X 54" TALL 1,000 GAL GT ADD BAFFLE		
	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: 1,073 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"/> BAFFLE POURED CORRECTLY.	QC CHECK INITIALS:	DATE: 05/12/26	SCALE: NTS	PG. 2 of 2

Job Name: 25-1137B - East Bank Regional Pump Station
 Job Location: Nashville, TN
 Contractor: Garney Companies, Inc.

Plant: Beaver Dam

Tech: J. Coppage

5/12/2026 10:28:00 AM

PC: J. Jarvis



Structure ID: Valve Vault

P4 CTS-X

BX FLAT LID 8inW w/ XYPEX AND 3 HATCHES

- P5) 42" x 42" - HATCH (CAST FLUSH) - 3"
- P4) 108" x 156" - BX FLAT LID 8inW w/ XYPEX AND 3 HATCHES - 12"
- P3) 108" x 156" - BOX RISER 8inW, Variable Ht w/Xypex FT - 37"
- P2) 108" x 156" - BOX RISER 8inW, Variable Ht w/Xypex FB - 60"
- P1) 108" x 156" - P.I.P. BY OTHERS - BTM SLAB - 0"
- 4) DOGHOUSE - 22"x22"

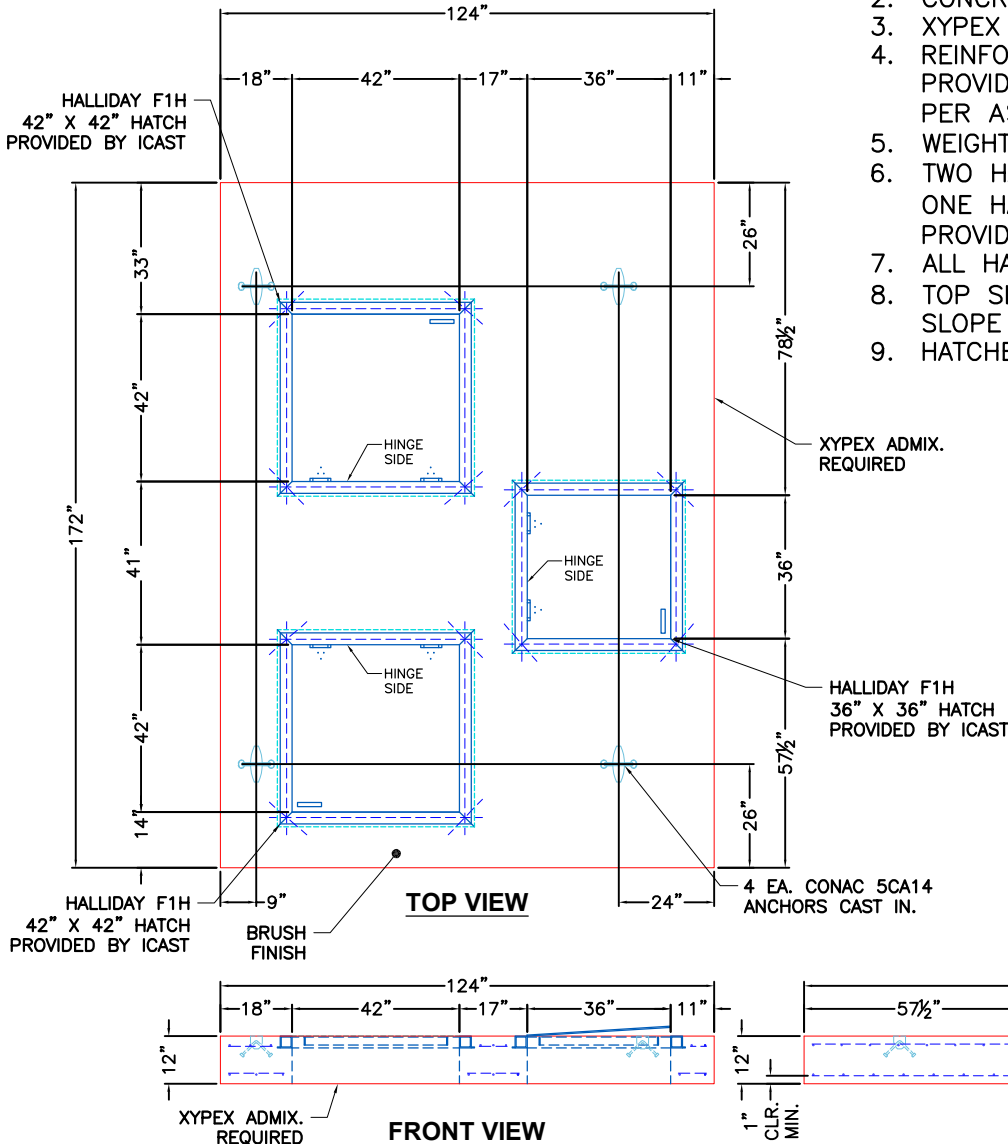
Structure Total: 50960 lb

- 100 lb
 16619 lb
 13909 lb
 20332 lb
 0 lb
 0 lb

 50960 lb
- Structure Notes:**
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
 2. CONCRETE: 4,500 PSI AT 28 DAYS.
 3. XYPEX ADMIXTURE REQUIRED.
 4. REINFORCING: PER ASTM A615 (GRADE 60).
 5. TWO HALLIDAY F1H 42" X 42" HATCHES AND ONE HALLIDAY F1H 36" X 36" HATCH PROVIDED BY ICAST.
 6. ALL HATCHES TO HAVE FALL PROTECTION.
 7. TOP SLAB TO HAVE MINIMUM 1/4" CROWNED SLOPE PER FOOT AND A BRUSH FINISH.
 8. HATCHES TO BE CAST IN TOP SLAB.

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,500 PSI AT 28 DAYS.
3. XYPEX ADMIXTURE REQUIRED.
4. REINFORCING: USE REINFORCEMENT DESIGN PROVIDED BY MATT CHILDS ENGINEERING. PER ASTM A615 (GRADE 60).
5. WEIGHT: 16,619 LBS.
6. TWO HALLIDAY F1H 42" X 42" HATCHES AND ONE HALLIDAY F1H 36" X 36" HATCH PROVIDED BY ICAST.
7. ALL HATCHES TO HAVE FALL PROTECTION.
8. TOP SLAB TO HAVE MINIMUM 1/4" CROWNED SLOPE PER FOOT AND A BRUSH FINISH.
9. HATCHES TO BE CAST IN TOP SLAB.



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

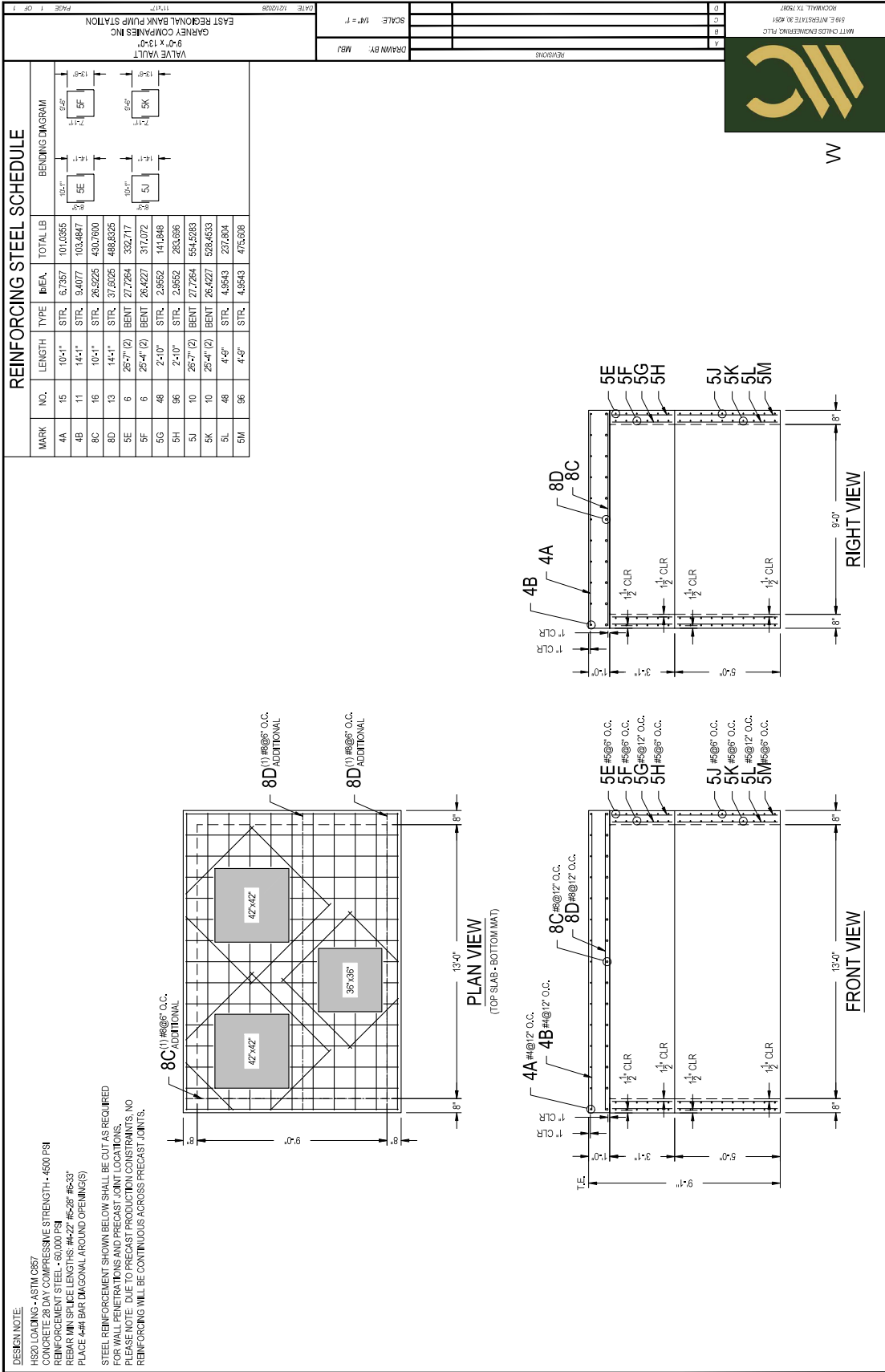
Weight (Net): 16619 lb
 Volume (Net): 4.25cu.yd



Structure ID: Valve Vault

P4 CTS-X

BX FLAT LID 8inW w/ XYPEX AND 3 HATCHES



Page 3 of 15

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 16619 lb
 Volume (Net): 4.25cu.yd

Job Name: 26-1230 - Wheelwright WWTP & LS Improvements
 Job Location: Wheelwright, KY
 Contractor: Endesol, Inc.

Plant: 100
 5/6/2026 5:09:02 PM

Tech: Jared - F
 PC: E. Bradley



Structure ID: 4-A

P1 CVBS

Base Slab F/n

P1) 84" x 84" - Base Slab F/n - 8"

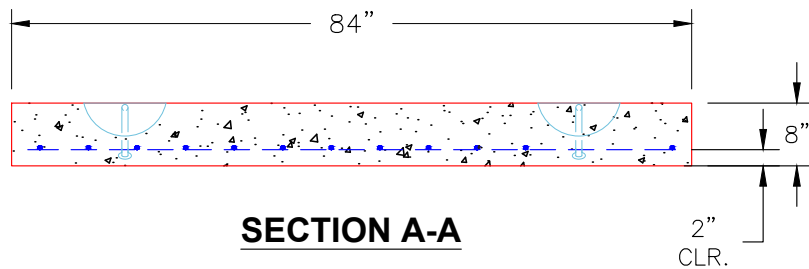
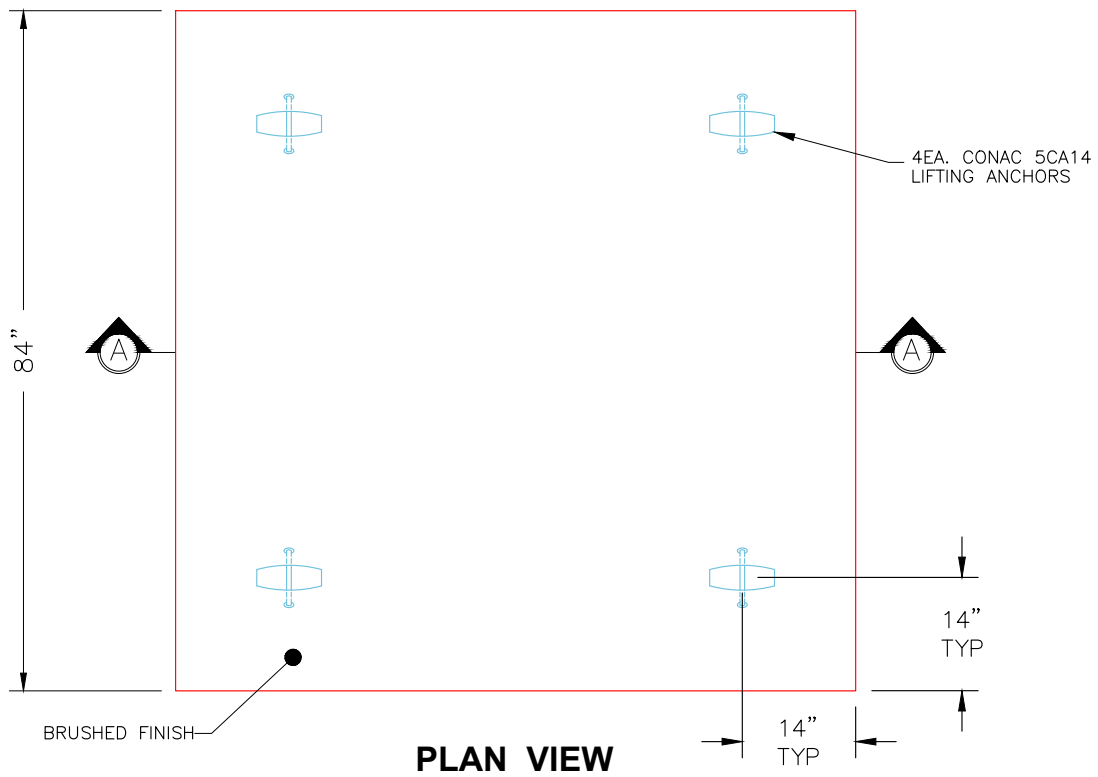
Structure Total: 4737 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.

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

Rim: 0.667' Rim to Invert: 0' Slack: 0" Sump: 0" Step Position:



NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 12" O.C. E.W. (GRADE 60).

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 0"
 Floor Height: 8"

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

Weight (Net): 4737 lb
 Volume (Net): 1.21cu.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 - 3

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

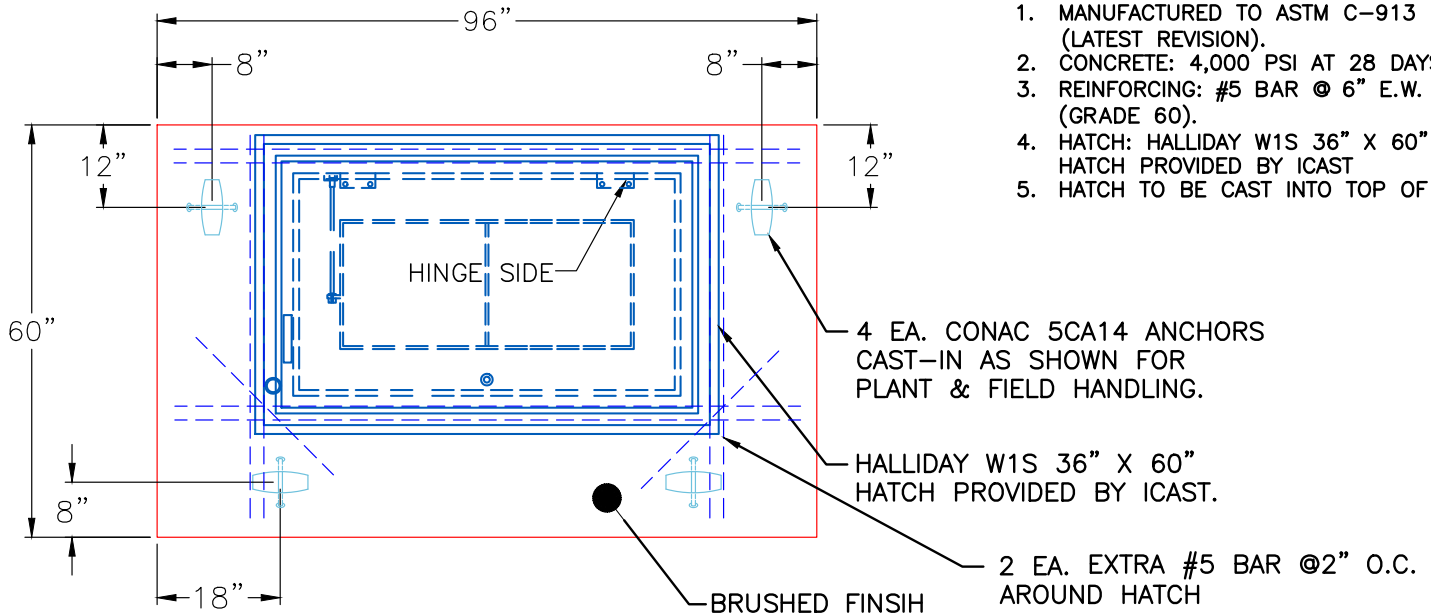
 Structure Total: 13334 lb

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").

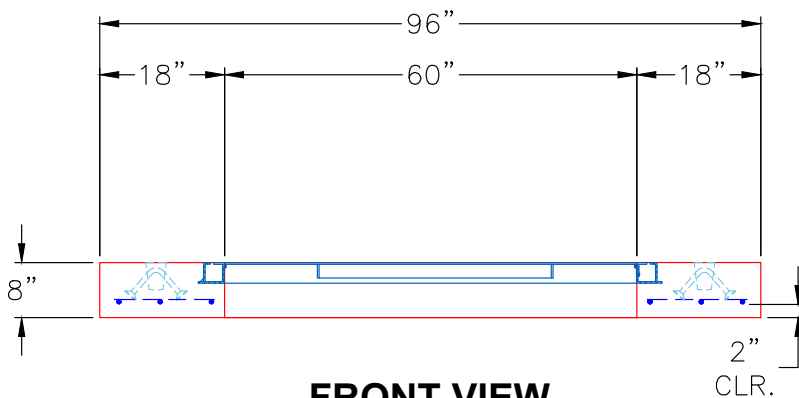
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

GENERAL NOTES:

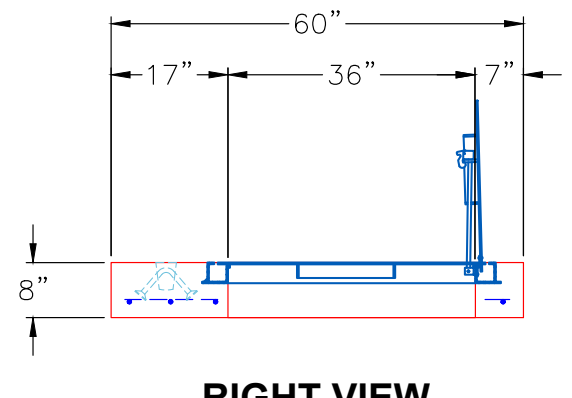
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" E.W. O.C. (GRADE 60).
4. HATCH: HALLIDAY W1S 36" X 60" HATCH PROVIDED BY ICAST
5. HATCH TO BE CAST INTO TOP OF LID.



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

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 - 4

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

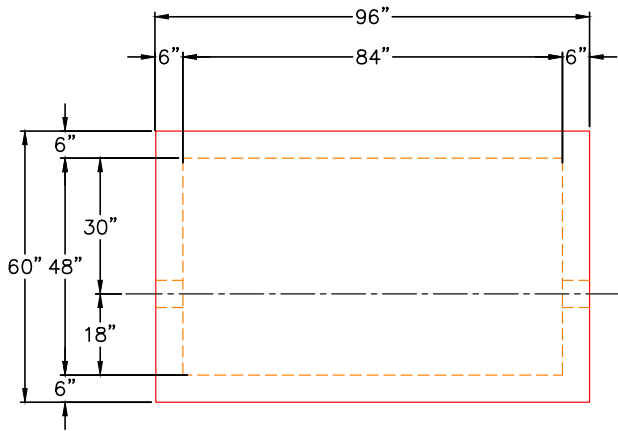
100 lb
 2417 lb
 10702 lb
 116 lb
 0 lb
 0 lb
 0 lb

 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:

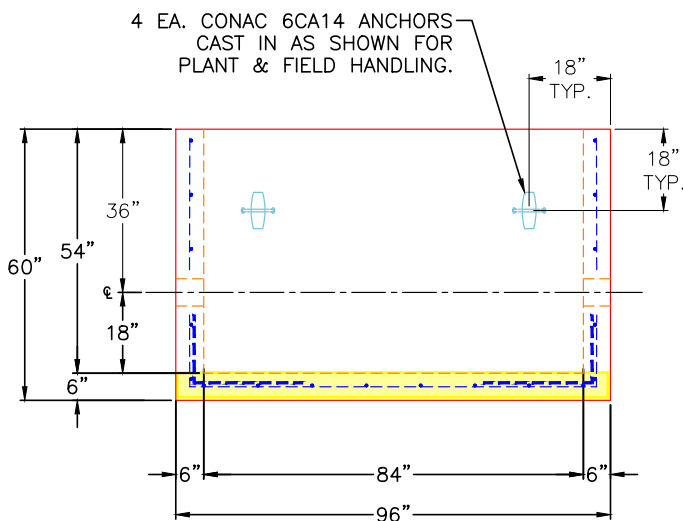


PLAN VIEW

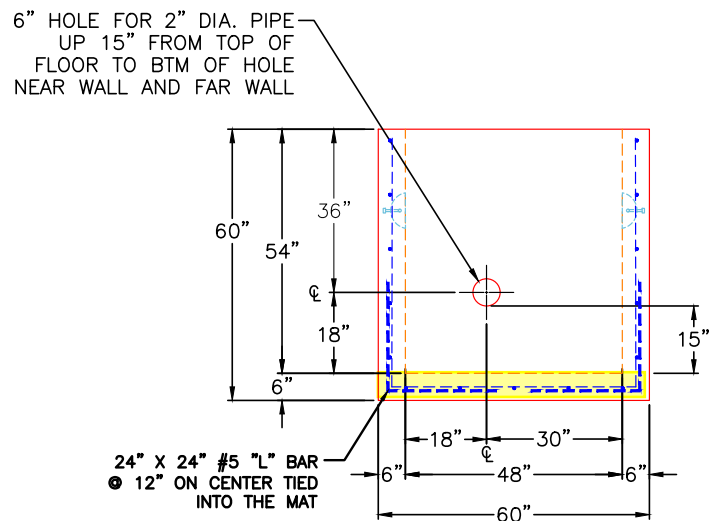
GENERAL NOTES:

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.

FIRST POUR DRAWING



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 - 4

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

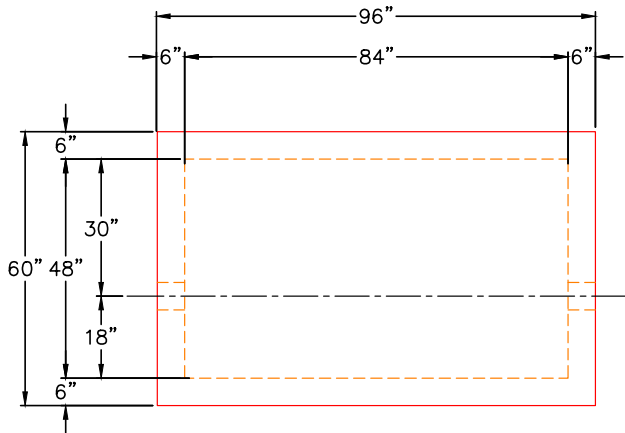
100 lb
 2417 lb
 10702 lb
 116 lb
 0 lb
 0 lb
 0 lb

 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:

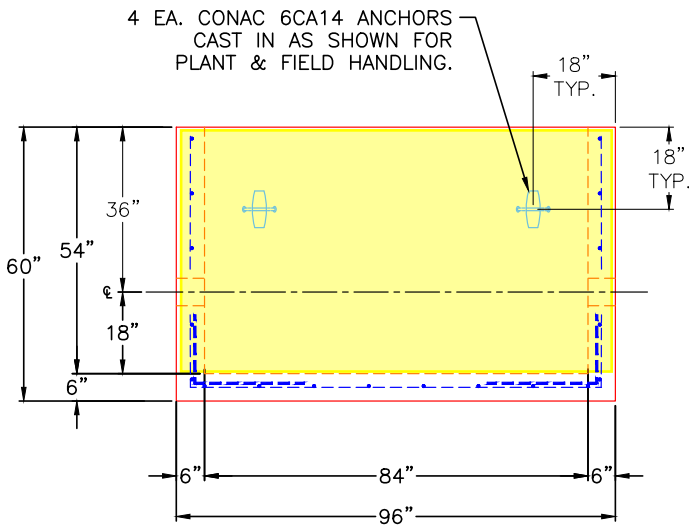


PLAN VIEW

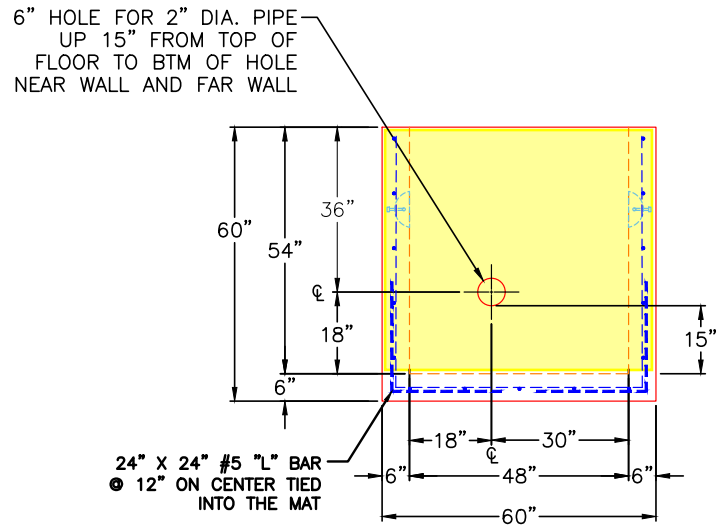
GENERAL NOTES:

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



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 - 4

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

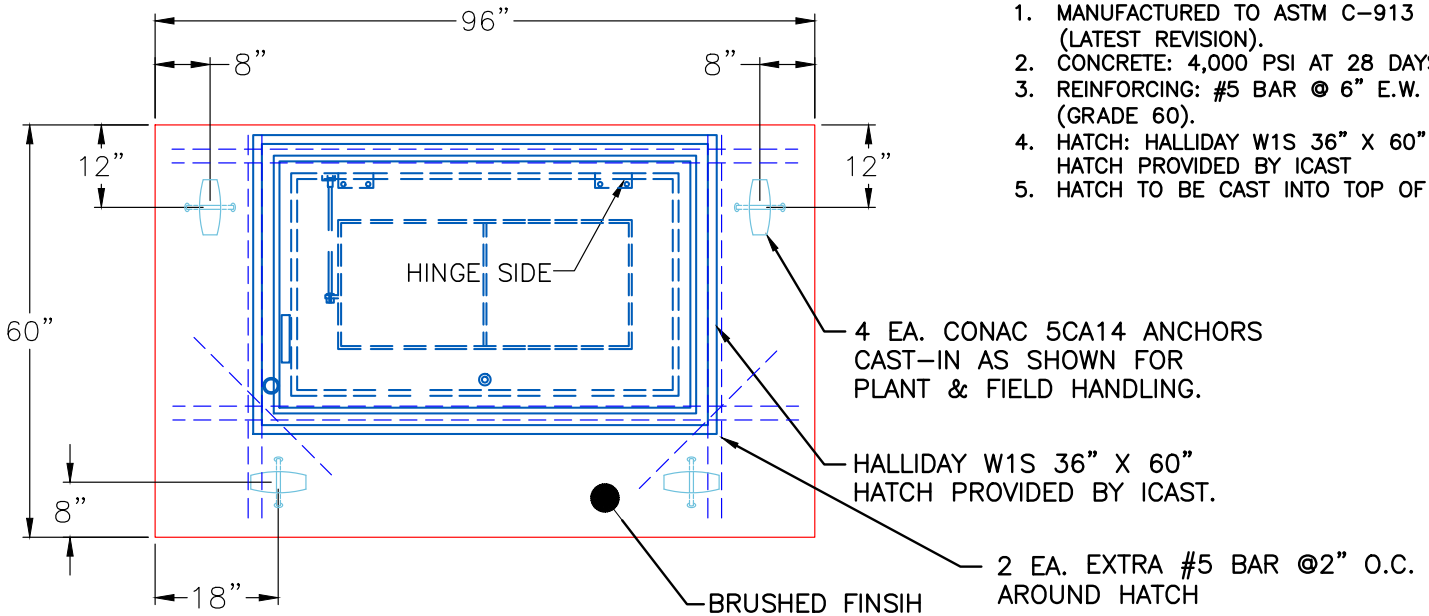
 Structure Total: 13334 lb

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").

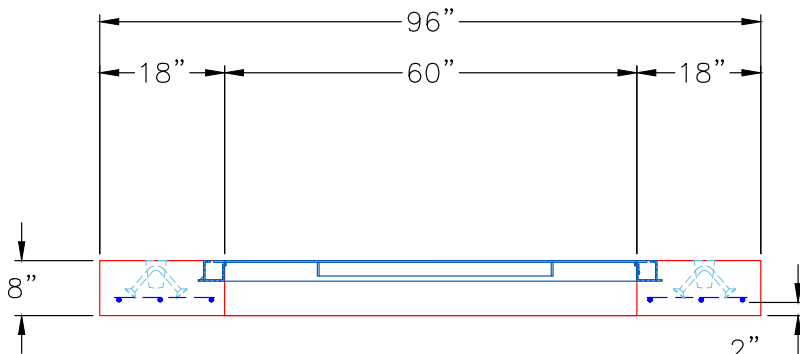
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

GENERAL NOTES:

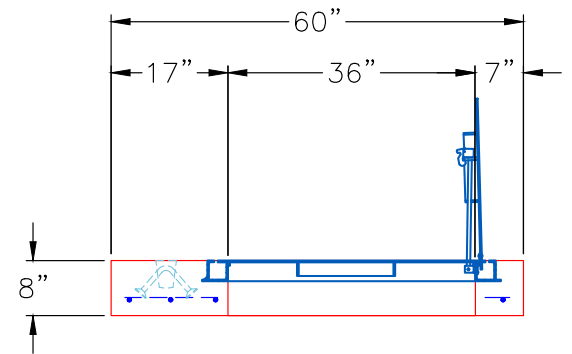
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" E.W. O.C. (GRADE 60).
4. HATCH: HALLIDAY W1S 36" X 60" HATCH PROVIDED BY ICAST
5. HATCH TO BE CAST INTO TOP OF LID.



PLAN VIEW



FRONT VIEW



RIGHT VIEW

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

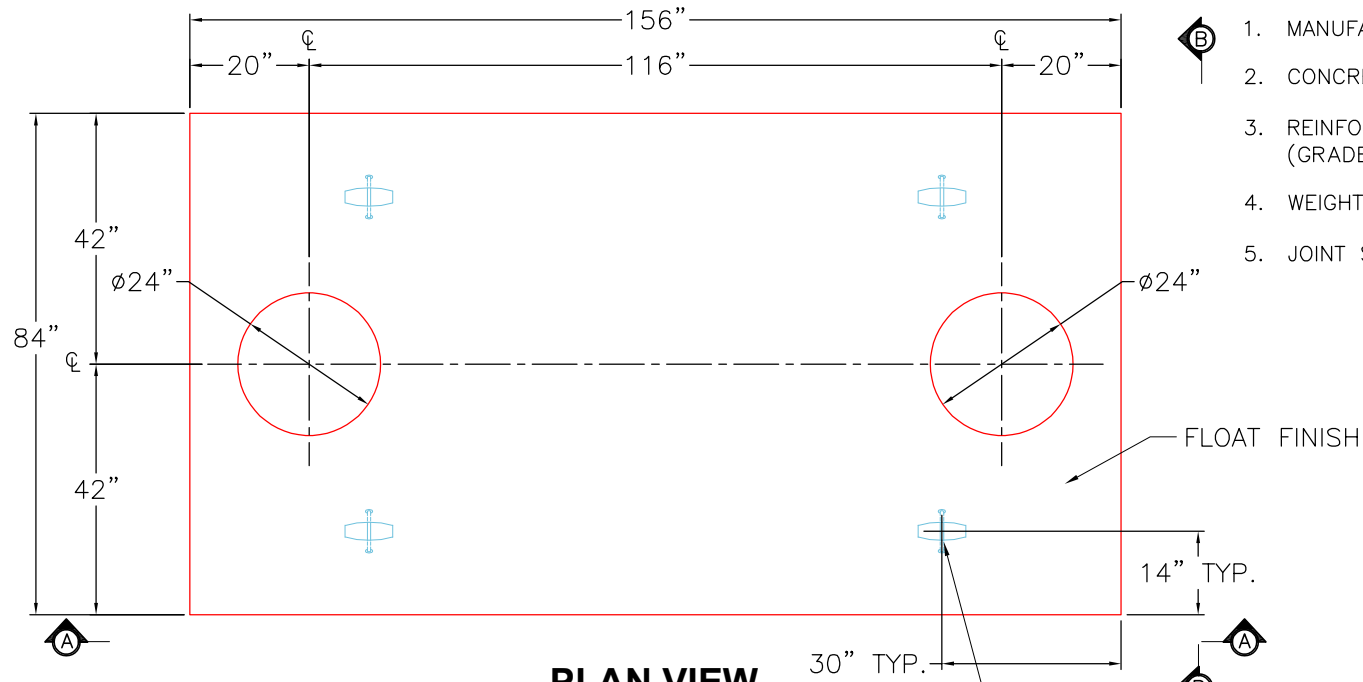
Wall Thickness: 6"

Height (Ext): 8"

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

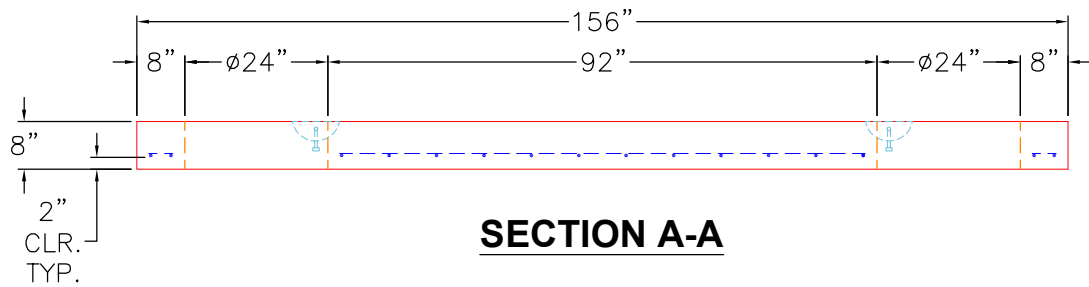
GENERAL NOTES:

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".

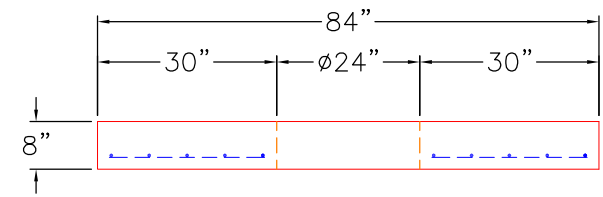


PLAN VIEW


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> <ul style="list-style-type: none"> <input type="checkbox"/> ALL DIMENSIONS CORRECT. <input type="checkbox"/> LIFTERS INSTALLED. <input type="checkbox"/> OPENING CORRECT. <input type="checkbox"/> REINFORCING CORRECT. <input type="checkbox"/> SURFACE QUALITY ACCEPTABLE. <input type="checkbox"/> EDGES CHAMFERED. <input type="checkbox"/> ALL PATCHWORK ACCEPTABLE. 		<p>PRODUCT VIEW: RIGHT SIDE UP</p> <p>PLANT: BEAVER DAM, KY.</p> <p>WEIGHT: 8,195 LBS.</p> <p>TOP SECTION JOINT: N/A</p> <p>BASE SECTION JOINT: N/A</p> <p>QC CHECK INITIALS:</p>	<p>CUSTOMER: CORE & MAIN LP</p> <p>PROJECT: METRO CENTER GREASE TRAP</p> <p>STRUCTURE: QL1 GT2000 (2)</p> <p>ORDER NO: 26-2243</p> <p>PC: T. RYAN DRAWING: S. FELLETTTER</p> <p>DATE: 05/07/26 SCALE: NTS PG. 1 of 1</p>

Job Name: 26-1228 - L&N Federal Credit Union
 Job Location: Louisville, KY 40243
 Contractor: H & W Landworks

Plant: 100

5/6/2026 12:05:21 PM

Tech: Jared - A

PC: T. Lewis



Structure ID: S-7-8 SCI

P1 BX2430-08BA36

BOX BASE 8inW, 8inF F/n

- P2) 24" x 30" - CASTING HEIGHT - 6"
- P1) 24" x 30" - BOX BASE 8inW, 8inF F/n - 36"
- 1) CASTING - HOE 360 L Vane Set (F/G/H)
- 1) 24" x 30" - Conseal CS-102 1.00"
- 1) Hole - 18

0 lb
 4448 lb
 362 lb
 0 lb
 0 lb

 Structure Total: 4810 lb

Structure Notes:

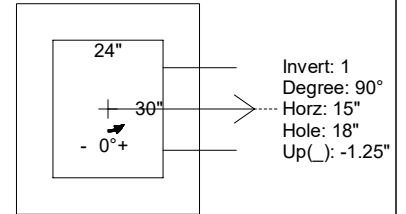
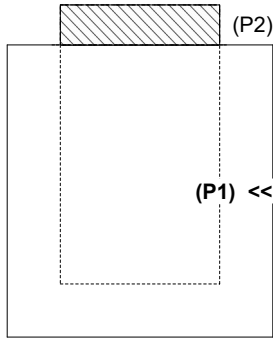
1. PER LOUISVILLE MSD / ASTM C-913 SPECS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. NO STORM INVERT
5. NO STEPS
6. HOE 360 FRAME, L-VANE GRATE, & CURB HOOD SUPPLIED BY ICAST

Rim: 747.1' Rim to Invert: 3.62' Slack: 1.44" Sump: 0" Step Position:

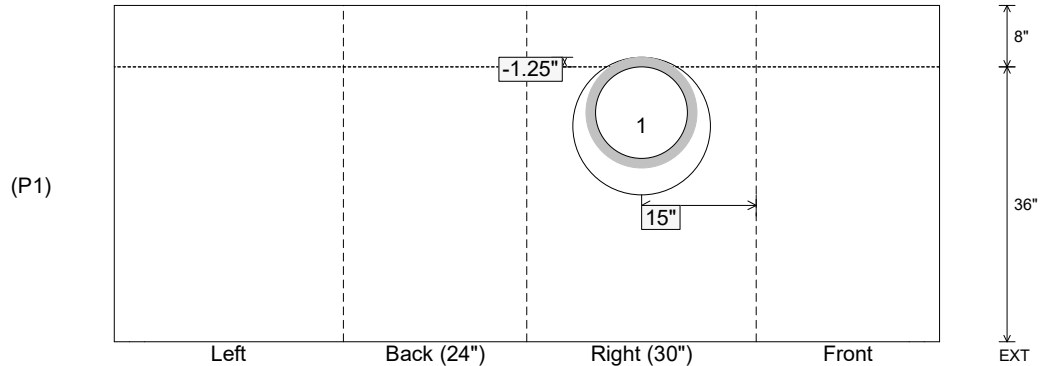
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	743.48'	90°	23"	12" ADS N-12	14.5"	Hole 18	18"	18"	-1.25"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

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

Weight (Net): 4448 lb
 Volume (Net): 1.14cu.yd

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
 Job Location: Fort Mitchell, KY 41017
 Contractor: Lykins Contracting

Plant: 100

3/20/2026 1:22:29 PM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: ICAST LI88 (1)

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

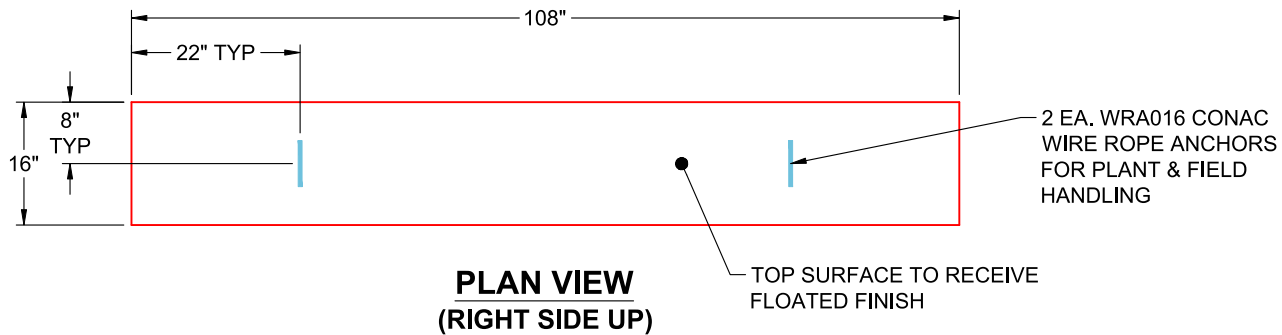
 Structure Total: 15405 lb

Structure Notes:

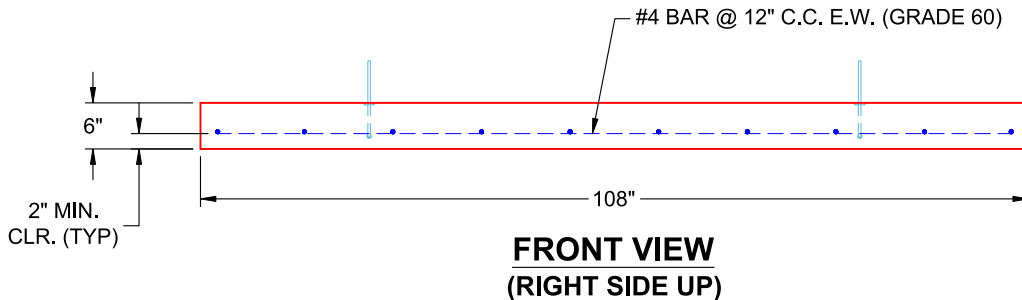
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. LIFTERS: 2 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
5. TOP SURFACE TO RECEIVE FLOATED FINISH

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

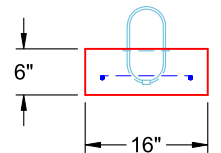
2 EA. FOOTER BLOCKS REQUIRED PER ARV



**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

3/20/2026 1:22:29 PM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: ICAST LI88 (1)

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

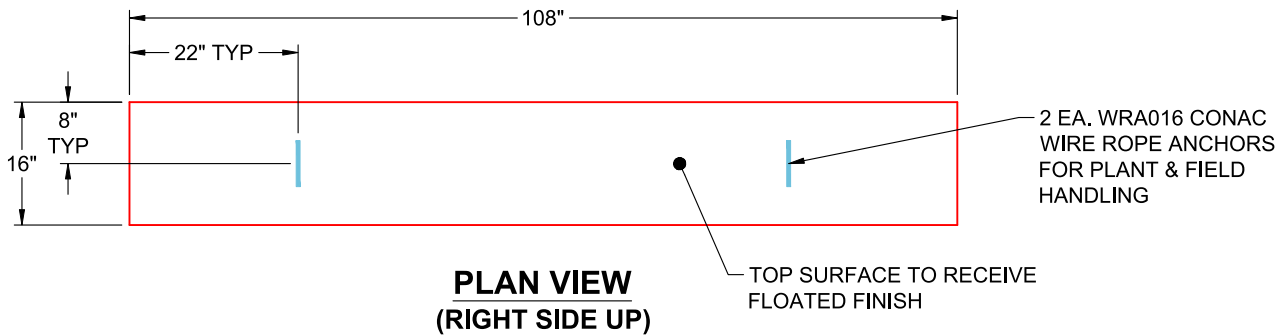
 0 lb
 Structure Total: 15405 lb

Structure Notes:

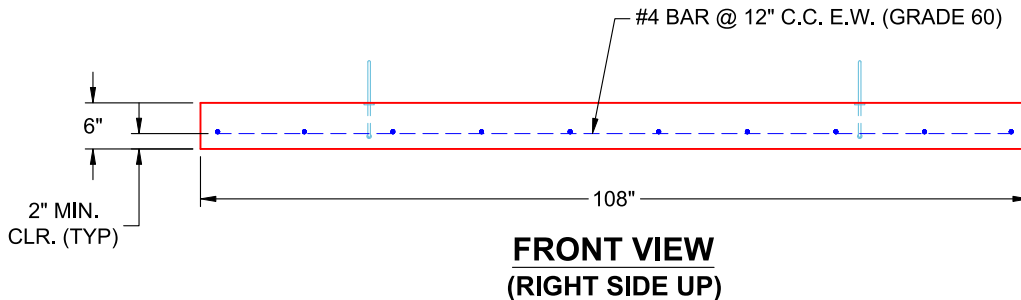
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. LIFTERS: 2 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
5. TOP SURFACE TO RECEIVE FLOATED FINISH

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

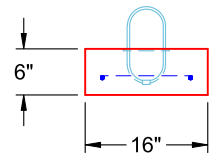
2 EA. FOOTER BLOCKS REQUIRED PER ARV



**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

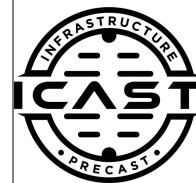
Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
 Job Location: Fort Mitchell, KY 41017
 Contractor: Lykins Contracting

Plant: 100

3/26/2026 2:16:14 PM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: ICAST LI88 (1)

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 - 3"
- 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

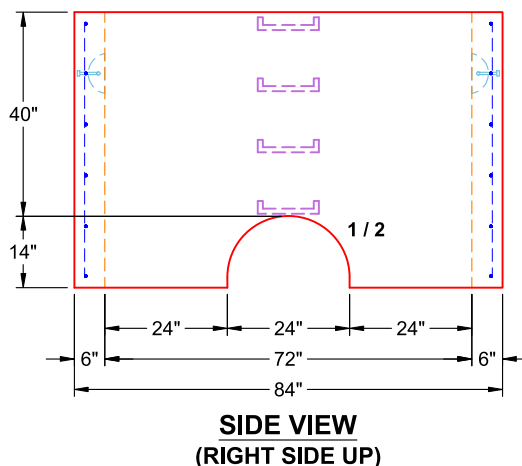
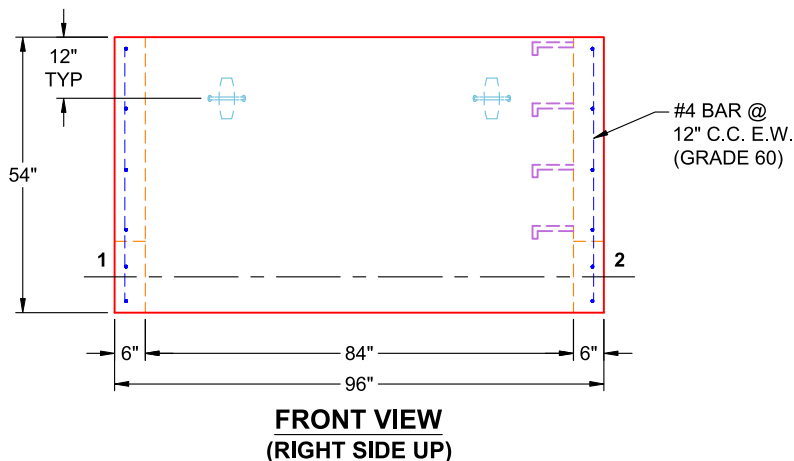
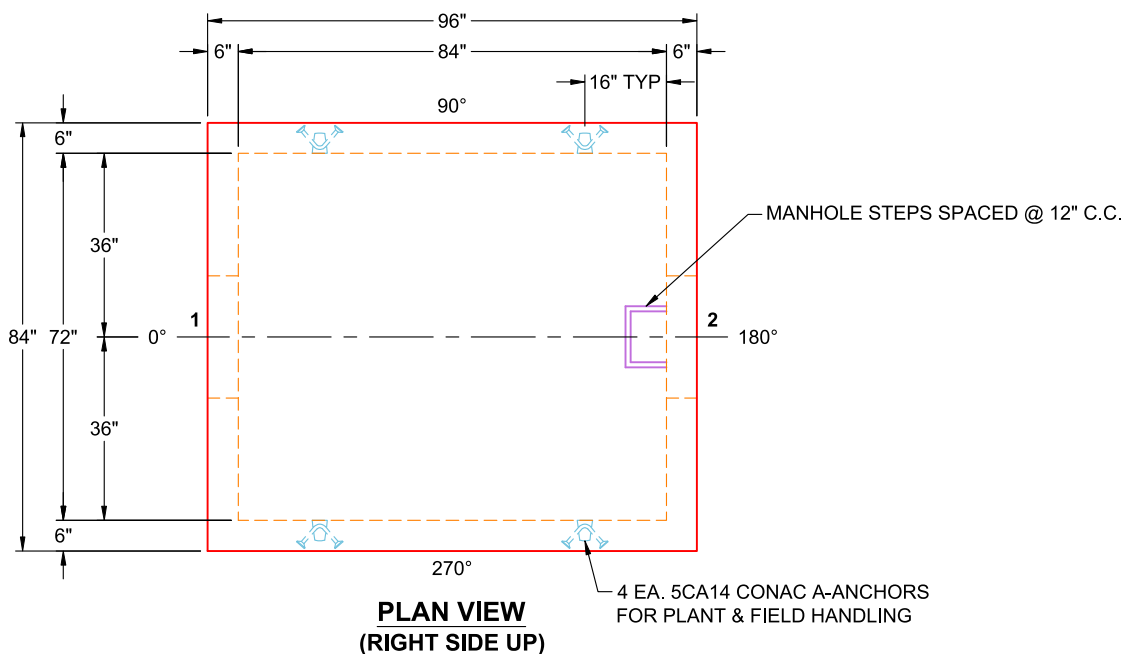
 Structure Total: 15405 lb

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
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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 11:41:43 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: ICAST LI88 (1)

P3 CTS

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

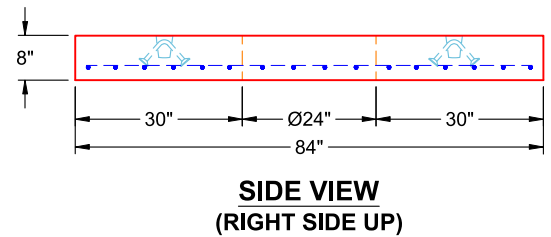
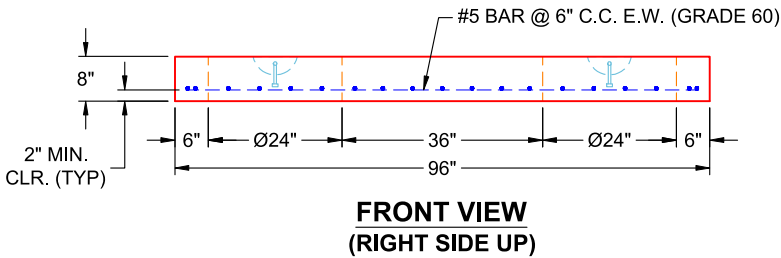
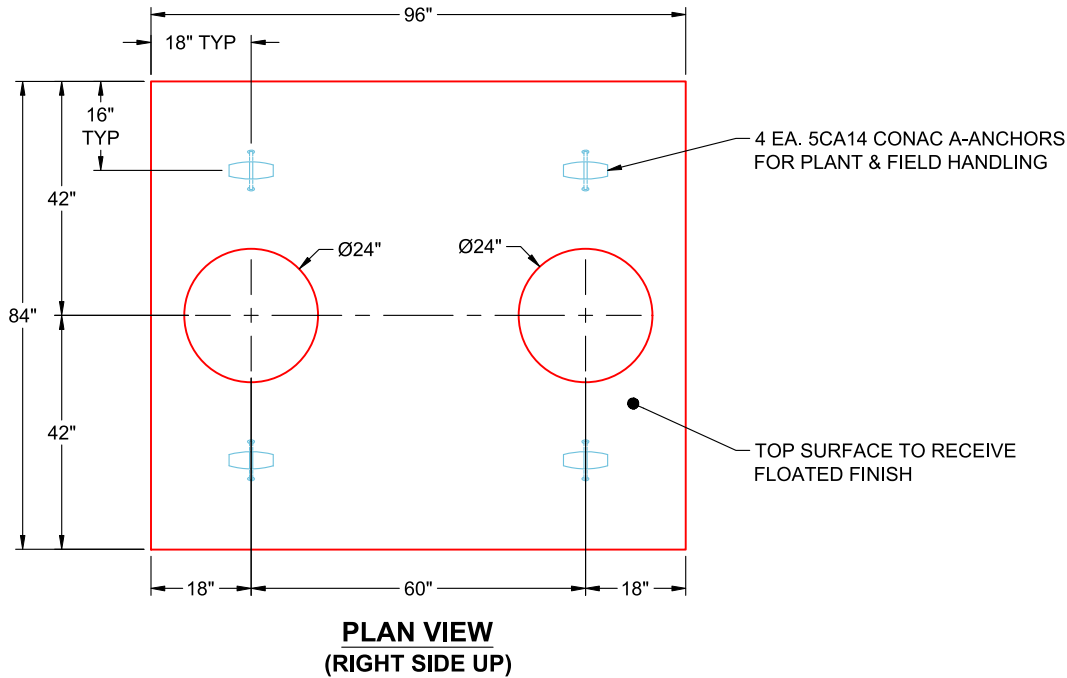
- P4) 24" - CASTING HEIGHT - 7"
- P3) 72" x 84" - CB FLAT TOP 6"W w/(2) 24" HOLES F/F - 8"
- P2) 72" x 84" - BOX RISER 6inW, Variable Ht F/F - 54"
- P1) 72" x 84" - 108" X 16" X 6" Footer Blocks - 2 Ea. F/n - 6"
- 2) 72" x 84" - Conseal CS-102 1.00" (Double)
- 2) DOGHOUSE - 24"x14
- 6) MH Step ML-10-TDS-NCR - 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: #5 BAR @ 6" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. 2 EA. 7" CASTINGS SUPPLIED BY OTHERS
5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN
6. TOP SURFACE TO RECEIVE FLOATED FINISH



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 6"

Height (Ext): 8"

Weight (Net): 4806 lb
 Volume (Net): 1.23cu.yd