

Job Name: 26-2037 830068 Marketplace
 Job Location: Georgetown, KY
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam
 4/23/2026 11:53:54 AM

Tech: S. Felletter
 PC: S. Goff



Structure ID: 15-CS-10

P2 MH120RS96

MH RISER T/G

- P5) 24" - CASTING HEIGHT - 4"
- P4) 120" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18"
- P3) 120" - MH RISER T/G - 84"
- P2) 120" - MH RISER T/G - 96"
- P1) 120" - MH MONOBASE 14F, Custom Ht T/n - 36"
- 1) CVSTENCILING
- 1) ASSEMBLY REQUIRED - BRACKETS ONLY
- 3) 120" - Conseal CS-102 1.00"
- 2) Hole - 38

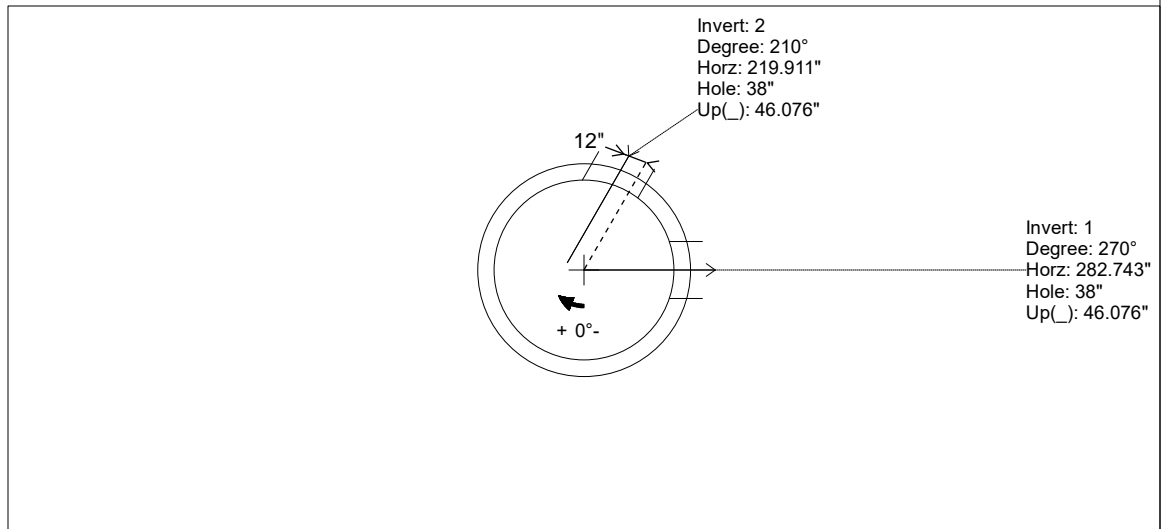
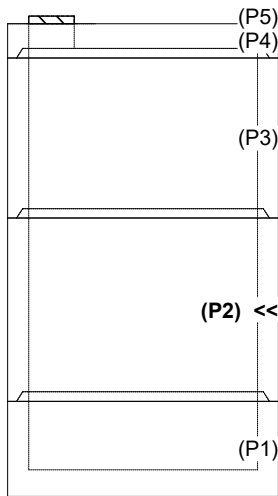
0 lb
 16223 lb
 31909 lb
 34322 lb
 32280 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 114734 lb

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

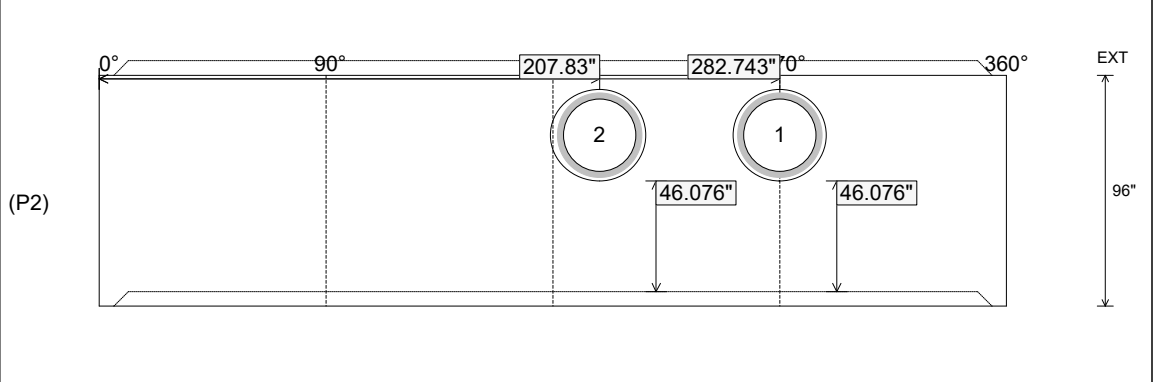
Rim: 833.75' Rim to Invert: 12.25' Slack: 1.076" Sump: 92.076" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	821.5'	270°	334.58"	30" HDPE	35.1"	Hole 38	38"	38.666"	46.076"	0"
Invert 2	821.5'	210°	248.171"	30" HDPE	35.1"	Hole 38	38"	39.593"	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): 96"
 Height (Ext): 96"

Weight (Net): 34322 lb
 Volume (Net): 8.77cu.yd

Job Name: 26-2037 830068 Marketplace
 Job Location: Georgetown, KY
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam
 4/23/2026 11:53:37 AM

Tech: S. Felletter
 PC: S. Goff



Structure ID: 15-CS-10

P4 MH120LD18SP

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

- P5) 24" - CASTING HEIGHT - 4"
- P4) 120" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18"
- P3) 120" - MH RISER T/G - 84"
- P2) 120" - MH RISER T/G - 96"
- P1) 120" - MH MONOBASE 14F, Custom Ht T/n - 36"
- 1) CVSTENCILING
- 1) ASSEMBLY REQUIRED - BRACKETS ONLY
- 3) 120" - Conseal CS-102 1.00"
- 2) Hole - 38

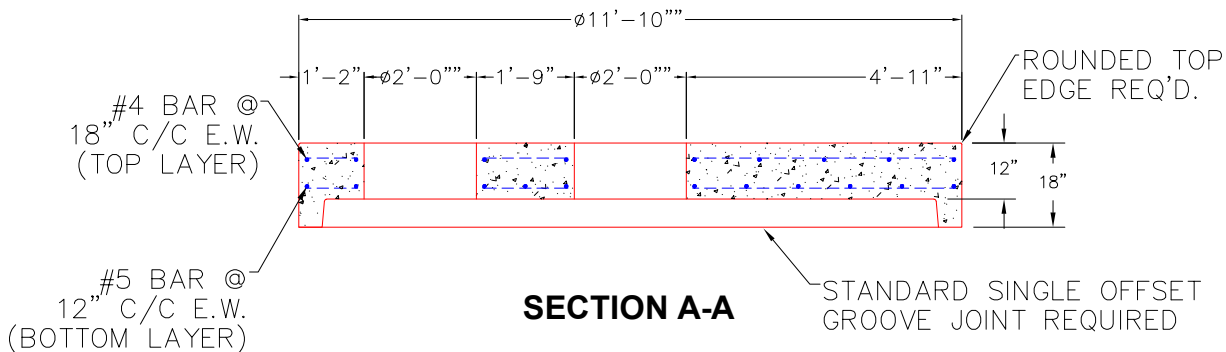
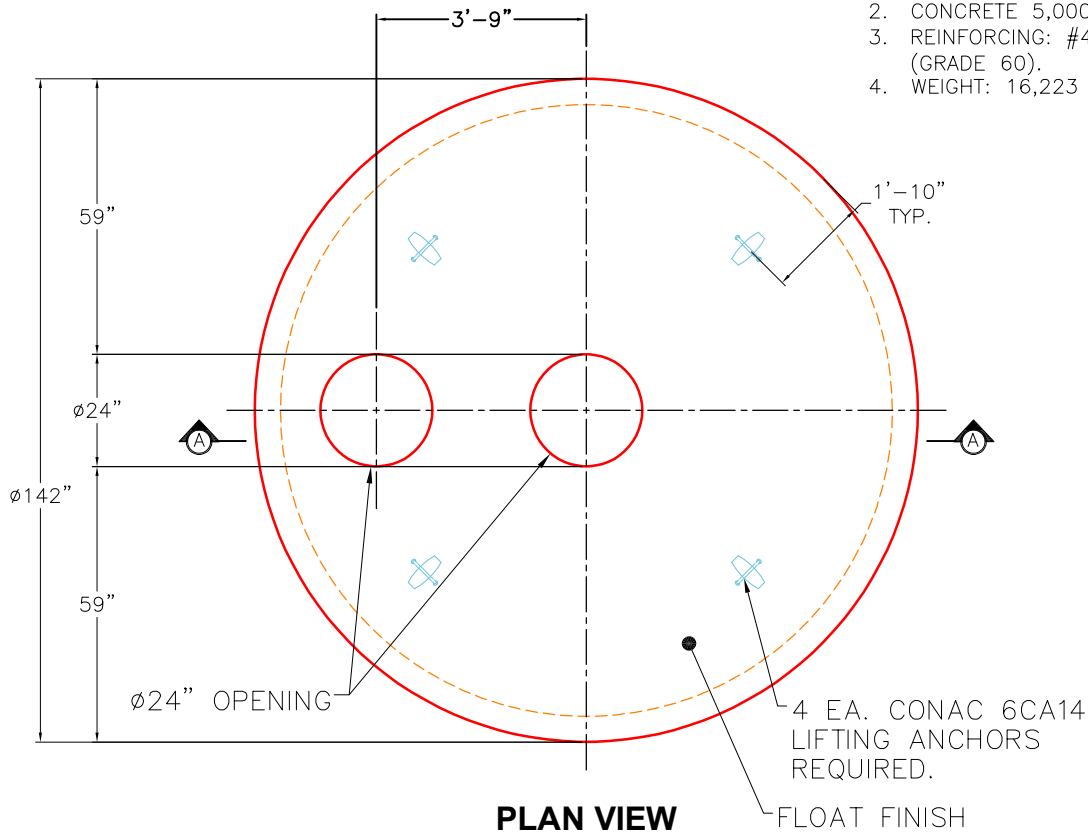
0 lb
 16223 lb
 31909 lb
 34322 lb
 32280 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 114734 lb

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

GENERAL NOTES:

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



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 11"	Height (Ext): 18"	Weight (Net): 16223 lb Volume (Net): 4.14cu.yd
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Job Name: 25-1145 - 7959 Poplar Creek
 Job Location: Nashville, TN 37221
 Contractor: Elite Constructors, Inc.

Plant: Beaver Dam, KY
 5/14/2026 12:40:51 PM

Tech: K. Cardwell
 PC: A. Chambers



Structure ID: MH-A5 BASE

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"	2911 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	4367 lb

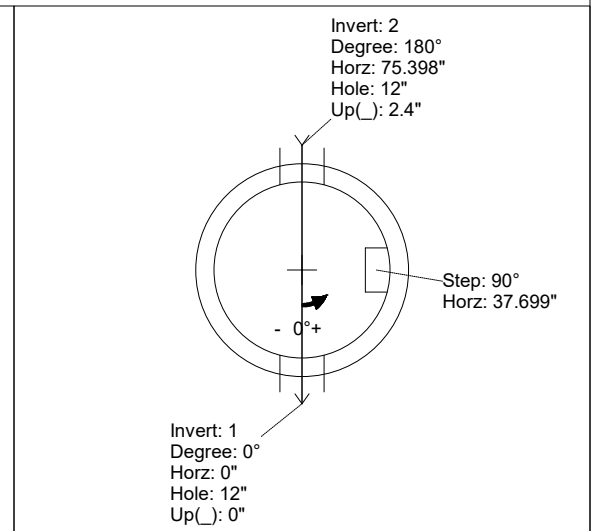
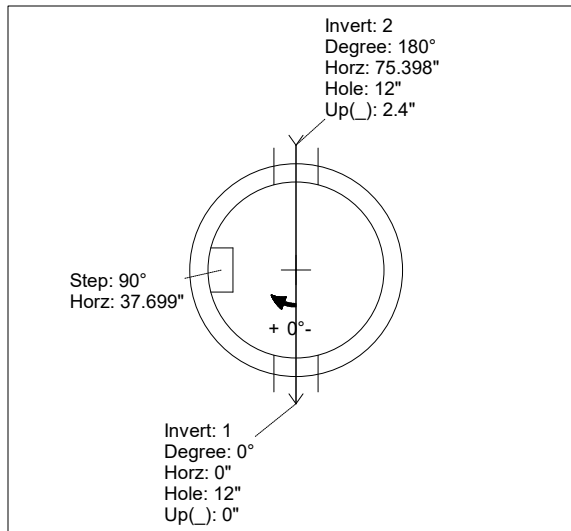
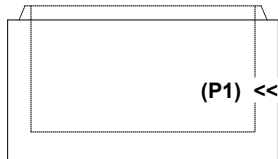
Structure Notes:
 STATION: 18+40.62
 1. PER ASTM C-478 SPECS
 2. CONCRETE: 4,500 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. CONBLOCK CDA RED ADMIXTURE REQUIRED
 5. INVERT CHANNEL REQUIRED
 6. STEPS AT 90 DEGREES

Rim: 600.3' Rim to Invert: 1.85' Slack: 0.2' Sump: 2' Step Position: 90°

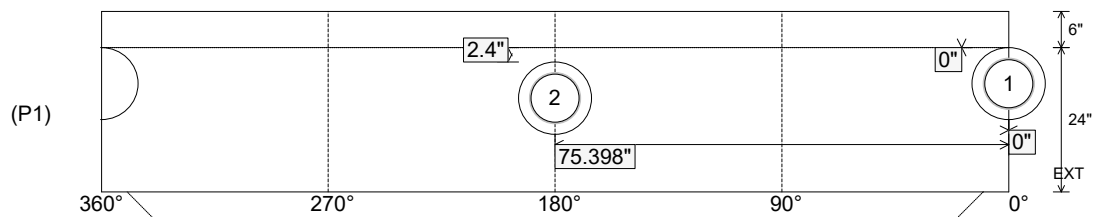
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	598.45'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	598.65'	180°	91.106"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	2.4"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

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

Job Name: 25-1145 - 7959 Poplar Creek
 Job Location: Nashville, TN 37221
 Contractor: Elite Constructors, Inc.

Plant: Beaver Dam, KY
 5/14/2026 12:40:51 PM

Tech: K. Cardwell
 PC: A. Chambers



Structure ID: MH-A5 BASE

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 2) MH Step ML-10-TDS-NCR - 10"

2911 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 4367 lb

- Structure Notes:
 STATION: 18+40.62
1. PER ASTM C-478 SPECS
 2. CONCRETE: 4,500 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. CONBLOCK CDA RED ADMIXTURE REQUIRED
 5. INVERT CHANNEL REQUIRED
 6. STEPS AT 90 DEGREES

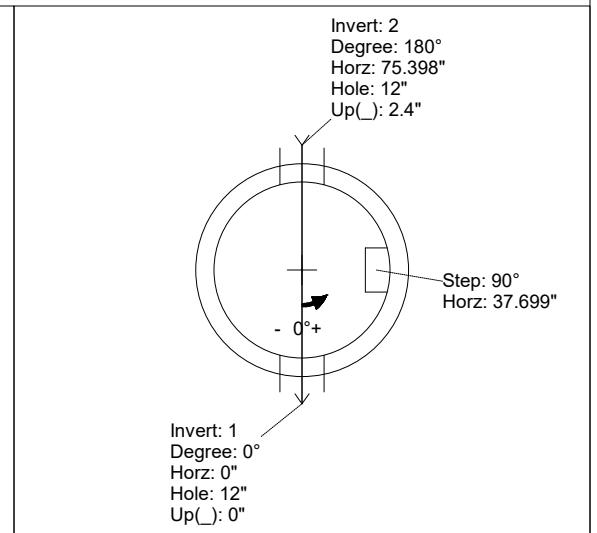
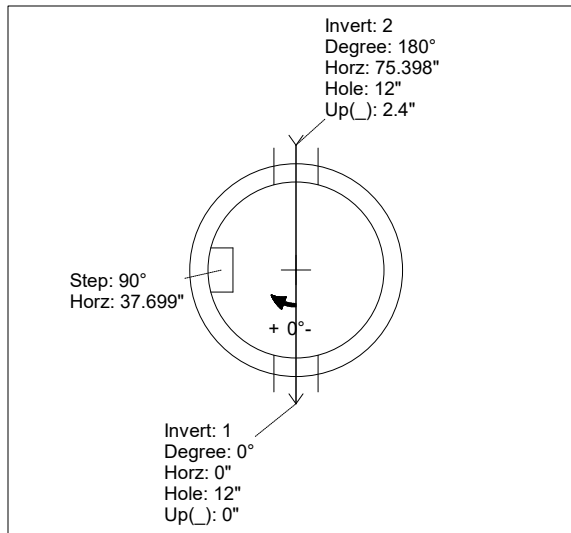
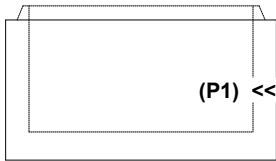
Invert channel drawing Full height invert

Rim: 600.3' Rim to Invert: 1.85' Slack: 0.2' Sump: 2' Step Position: 90°

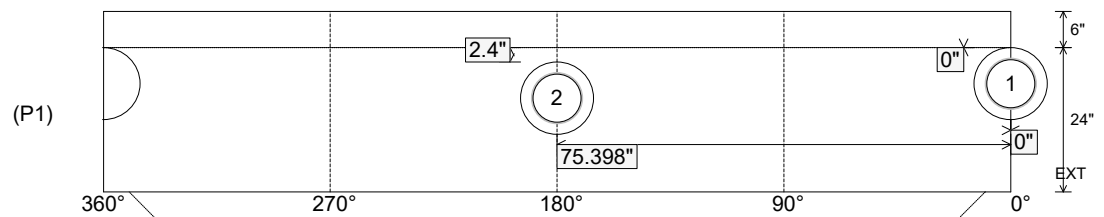
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	598.45'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	598.65'	180°	91.106"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	2.4"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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: 26-1219 - 1662 Pinkerton Road
 Job Location: Brentwood, TN
 Contractor: Hayes Pipe Supply

Plant: 100
 5/11/2026 5:33:37 PM

Tech: Jared - F
 PC: T. Ryan



Structure ID: 3-7 SS-MH

P2 MH048RS60CDARED

MH RISER w/ConBlock-CDA Red T/G

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60"	4192 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36"	3749 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 w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
11) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	11648 lb

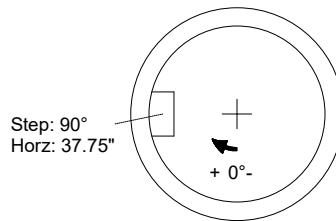
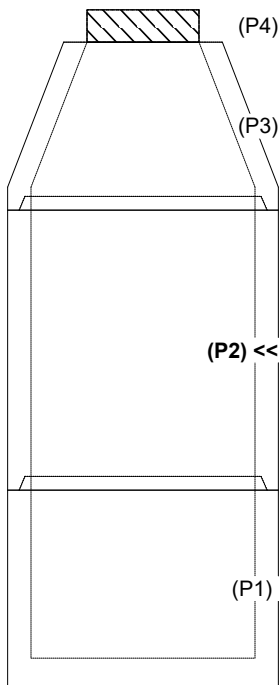
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING SUPPLIED BY OTHERS.

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

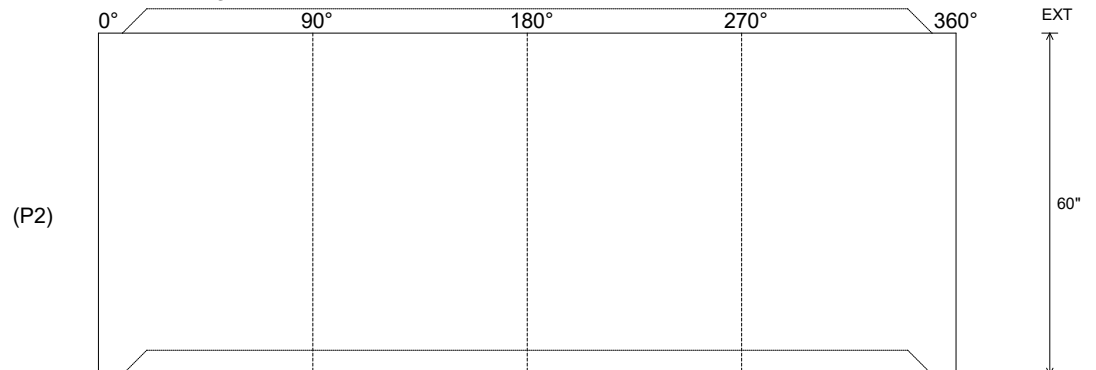
Rim: 578.04' Rim to Invert: 11.55' Slack: 1.6" Sump: 2" Step Position: 90

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: 26-1219 - 1662 Pinkerton Road
 Job Location: Brentwood, TN
 Contractor: Hayes Pipe Supply

Plant: 100
 5/11/2026 5:33:37 PM

Tech: Jared - F
 PC: T. Ryan



Structure ID: 2-6 SS-MH

P2 MH048RS60CDARED

MH RISER w/ConBlock-CDA Red T/G

- P5) 24" - CASTING HEIGHT - 7" 0 lb
- P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4" 270 lb
- P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36" 2251 lb
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" 4192 lb
- P1) 48" - MH BASE w/ConBlock-CDA Red 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 w/ConBlock-CDA Red - FULL HEIGHT 1440 lb
- 2) 48" - Conseal CS-102 1.00" (Double) 0 lb
- 2) PSX - 12-08 NYLO 16 lb
- 10) MH Step ML-10-TDS-NCR - 10" 0 lb

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

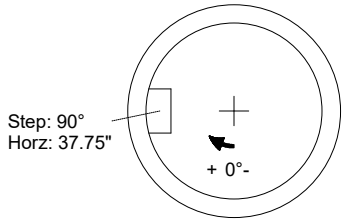
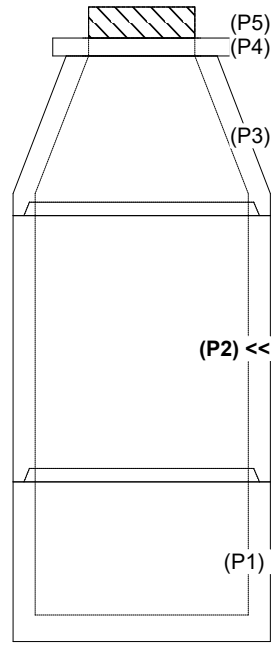
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 11499 lb

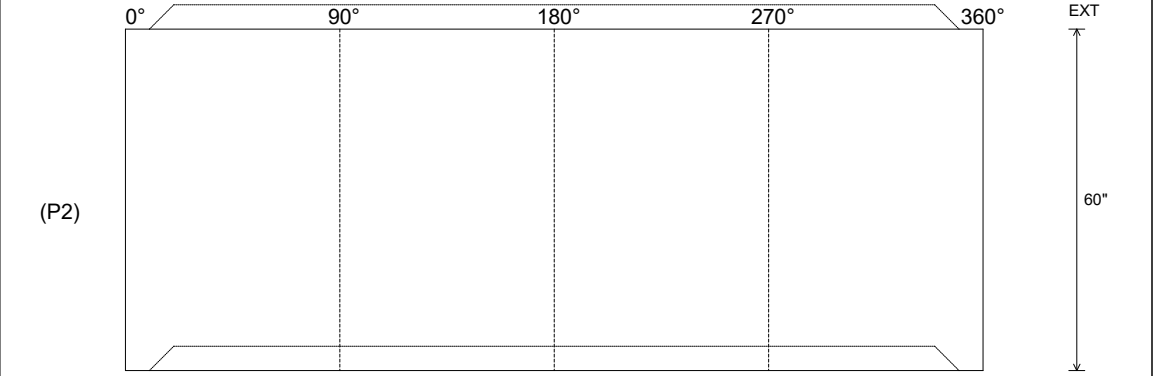
Rim: 574.92' Rim to Invert: 11.28' Slack: 0.36" Sump: 2" Step Position: 90°

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: 26-1227 - Project Colt
 Job Location: Evansville, IN
 Contractor: Russell's Excavating

Plant: 100
 5/12/2026 11:31:19 AM

Tech: Jared - F
 PC: A. Chambers



Structure ID: 108-18 MHK

P3 MH048RSVF

MH RISER Custom Ht F/G

- P5) 24" x 36" - CASTING HEIGHT - 4"
- P4) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7"
- P3) 48" - MH RISER Custom Ht F/G - 23"
- P2) 72" - MH Transition Slab 48" Hole T/G - 15"
- P1) 72" - MH BASE Custom Ht T/n - 62"
- 1) CASTING - HOE 518 F/G
- 1) 72" - Conseal CS-102 1.00"
- 2) 48" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 50
- 2) Hole - 6
- 8) MH Step ML-10-TDS-NCR - 10"

0 lb
 1044 lb
 1583 lb
 3864 lb
 10432 lb
 354 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 17278 lb

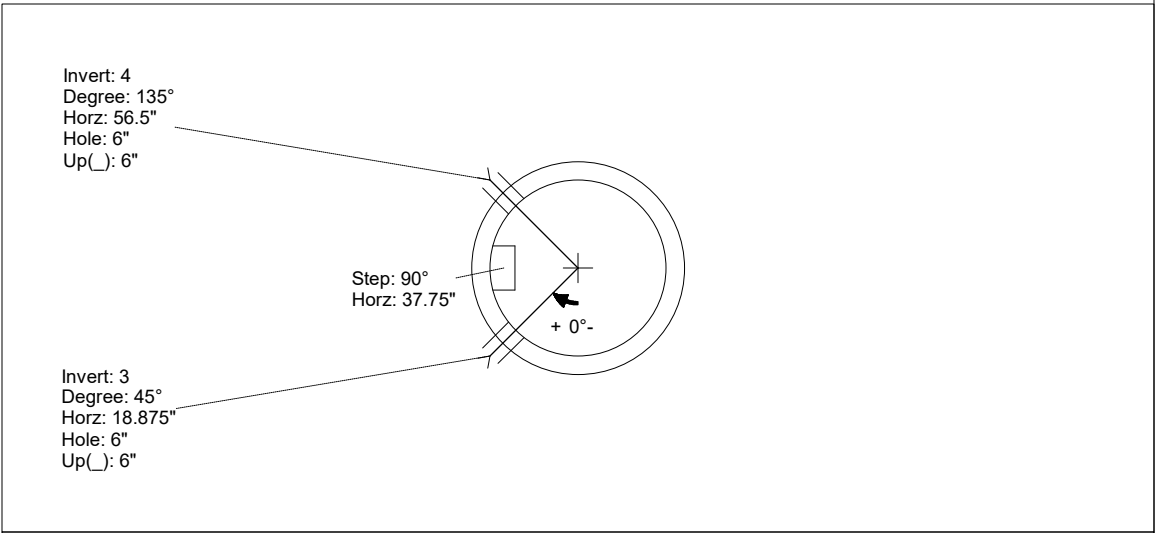
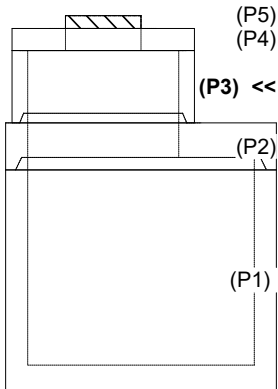
Structure Notes:
 1. INDOT MH TYPE K / ASTM C478 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE 518 F/G).

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

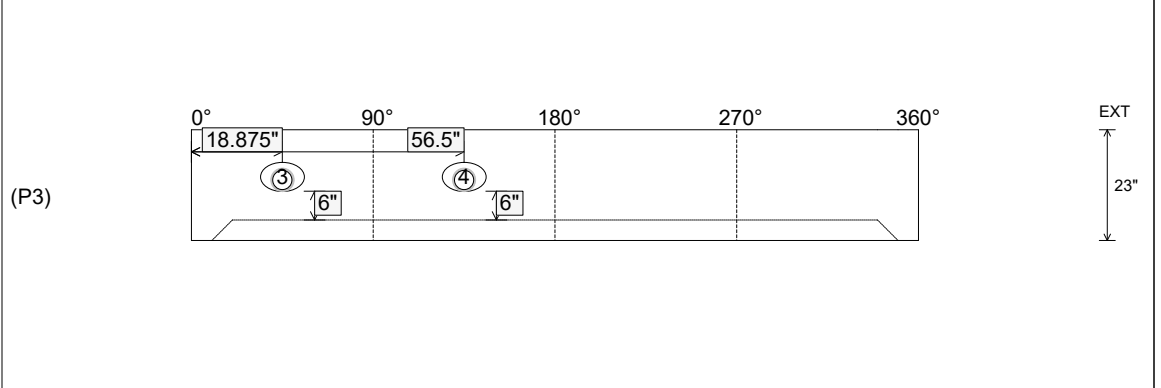
Rim: 384.68' Rim to Invert: 9.04' Slack: 0.6" Sump: 3.12" Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3	382.68'	45°	22.75"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.016"	6"	0"
Invert 4	382.68'	135°	68.375"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.016"	6"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 23" Height (Ext): 23"	Weight (Net): 1583 lb Volume (Net): 0.4cu.yd
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Job Name: 26-1227 - Project Colt
 Job Location: Evansville, IN
 Contractor: Russell's Excavating

Plant: 100
 5/12/2026 11:31:18 AM

Tech: Jared - F
 PC: A. Chambers



Structure ID: 102-12 MHJ

P3 MH048RS72S

MH RISER T/G

- P5) 24" - CASTING HEIGHT - 8"
- P4) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"
- P3) 48" - MH RISER T/G - 72"
- P2) 60" - MH Transition Slab 48" Hole T/G - 15"
- P1) 60" - MH BASE T/h - 66"
- 1) HOE R-3472 INDOT Type 2 Frame & Grate
- 1) 60" - Conseal CS-102 1.00"
- 2) 48" - Conseal CS-102 1.00"
- 2) Hole - 44
- 2) Hole - 6
- 11) MH Step ML-10-TDS-NCR - 10"

0 lb
 1561 lb
 5006 lb
 2204 lb
 7940 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 16961 lb

Structure Notes:
 1. INDOT MH TYPE J / ASTM C478 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE R-3472 INDOT TYPE 2 FRAME & GRATE).

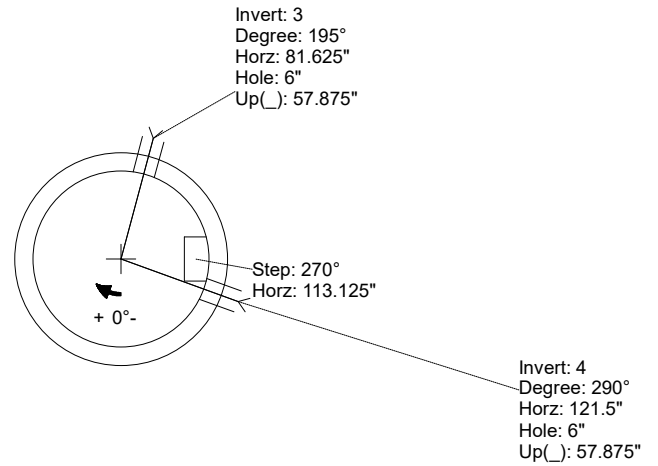
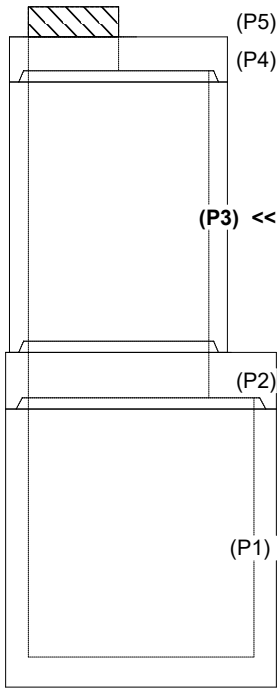
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Structure Total: 16961 lb

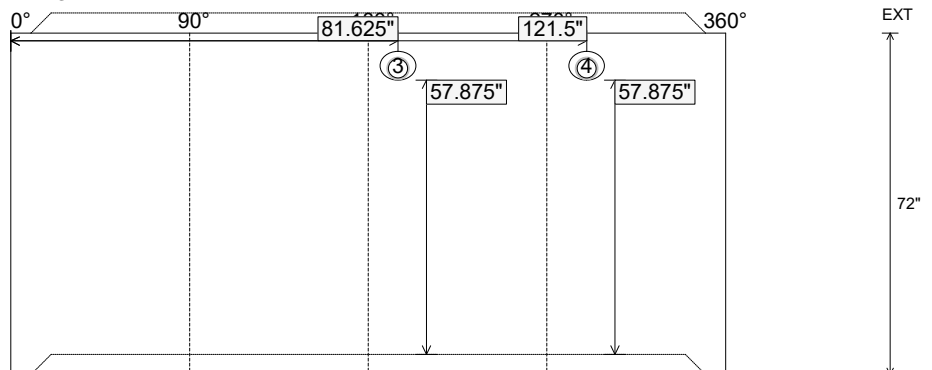
Rim: 393.02' Rim to Invert: 14.22' Slack: 0.515" Sump: 2.875" Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3	390.52'	195°	98.75"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.016"	57.875"	0"
Invert 4	390.52'	290°	146.75"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.016"	57.875"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 5"
 Floor Height: 0"

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

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

Job Name: 26-1227 - Project Colt
 Job Location: Evansville, IN
 Contractor: Russell's Excavating

Plant: 100
 5/12/2026 11:30:15 AM

Tech: Jared - F
 PC: A. Chambers



Structure ID: 301-8 MHC

P1 MH048BA36

MH BASE T/n

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"
- P1) 48" - MH BASE T/n - 36"
- 1) CASTING - HOE MC-315 F/C Storm
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 24
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 1561 lb
 3451 lb
 258 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5270 lb

- Structure Notes:**
1. INDOT MH TYPE C / ASTM C478 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE MC-315 F/C STORM).

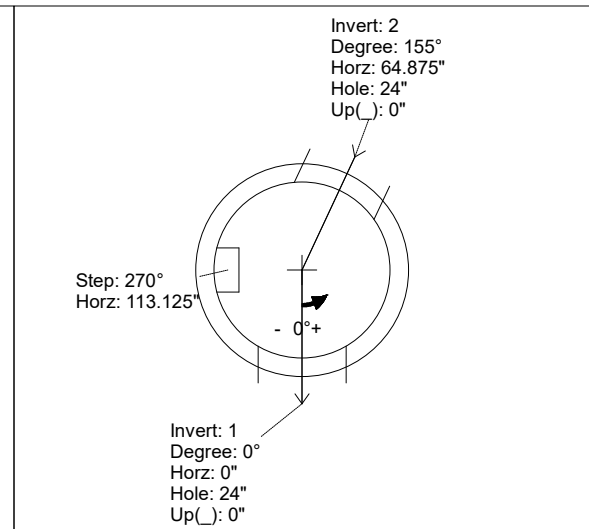
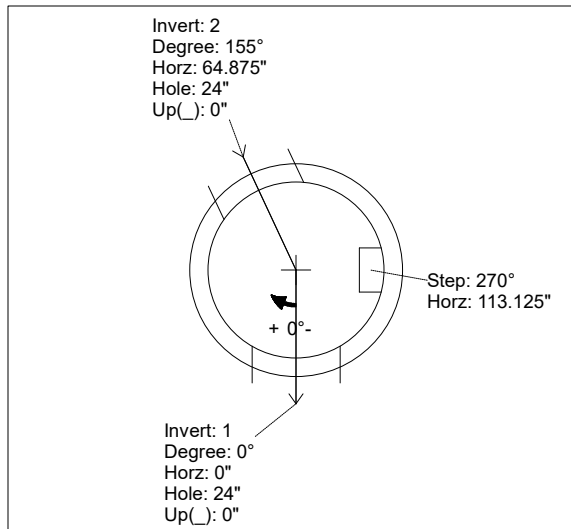
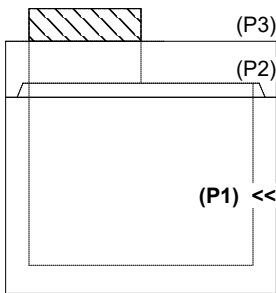
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Rim: 379.67' Rim to Invert: 4.67' Slack: 2.665" Sump: 1.625" Step Position: 270

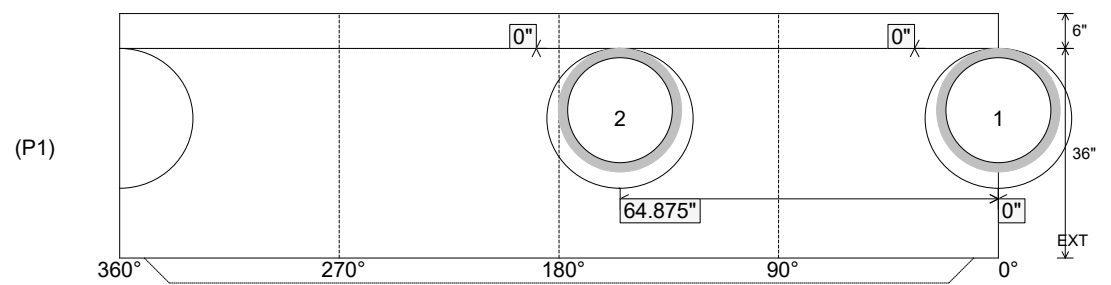
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	375'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	0"	0"
Invert 2	375'	155°	78.5"	18" HDPE	21.2"	Hole 24	24"	25.133"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3451 lb
 Volume (Net): 0.88cu.yd

Job Name: 26-1227 - Project Colt
 Job Location: Evansville, IN
 Contractor: Russell's Excavating

Plant: 100
 5/12/2026 11:30:15 AM

Tech: Jared - F
 PC: A. Chambers



Structure ID: 302-7 MHC

P1 MH048BAVF

MH BASE Custom Ht F/n

- P3) 24" x 36" - CASTING HEIGHT - 4"
- P2) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7"
- P1) 48" - MH BASE Custom Ht F/n - 69"
- 1) CASTING - HOE 518 F/G
- 1) 48" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 24
- 1) Hole - 16
- 2) Hole - 6
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb
 1044 lb
 5646 lb
 354 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 7045 lb

Structure Total:

Structure Notes:

1. INDOT MH TYPE C / ASTM C478 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 518 F/G).

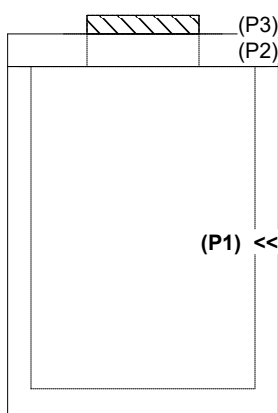
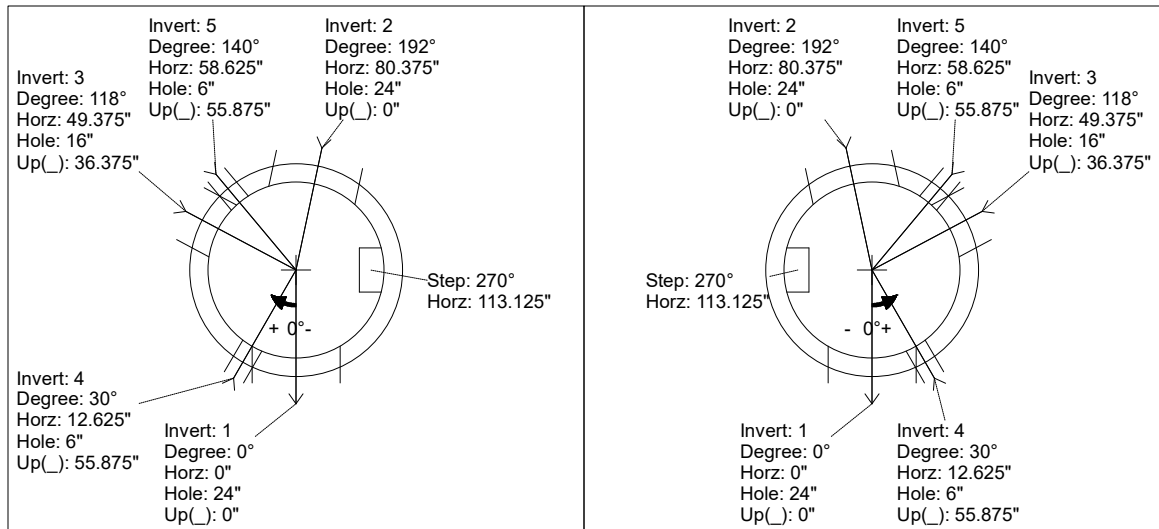
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Rim: 381.59' Rim to Invert: 6.59' Slack: 0.705" Sump: 1.625" Step Position: 270°

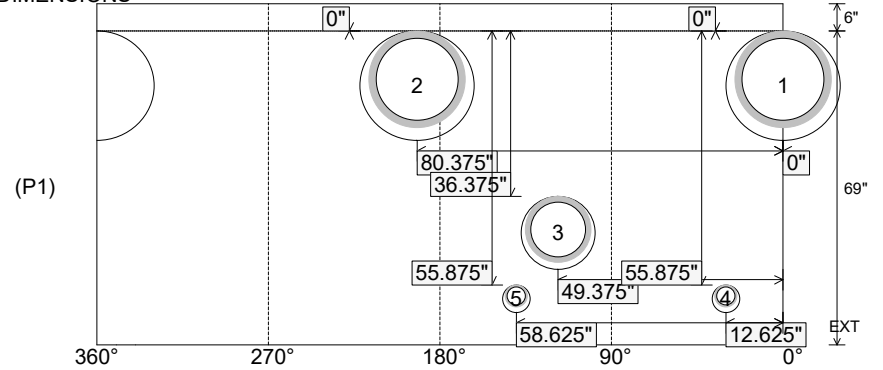
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	375'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	0"	0"
Invert 2	375'	192°	97.125"	18" HDPE	21.2"	Hole 24	24"	25.133"	0"	0"
Invert 3	378'	118°	59.75"	12" HDPE	14.5"	Hole 16	16"	16.312"	36.375"	0"
Invert 4	379.55'	30°	15.125"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.016"	55.875"	0"
Invert 5	379.55'	140°	70.875"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.016"	55.875"	0"
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 69" Height (Ext): 75"	Weight (Net): 5646 lb Volume (Net): 1.44cu.yd
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Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315)
 Job Location: Indiana, KY
 Contractor: Louisville Paving and Construction

Plant: 100
 5/12/2026 1:01:41 PM

Tech: J. Horsley - A
 PC: J. Jarvis



Structure ID: 126

P2 MH048LD12ECC

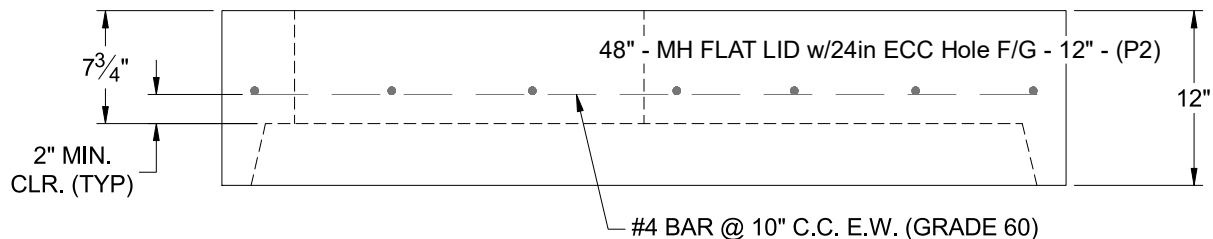
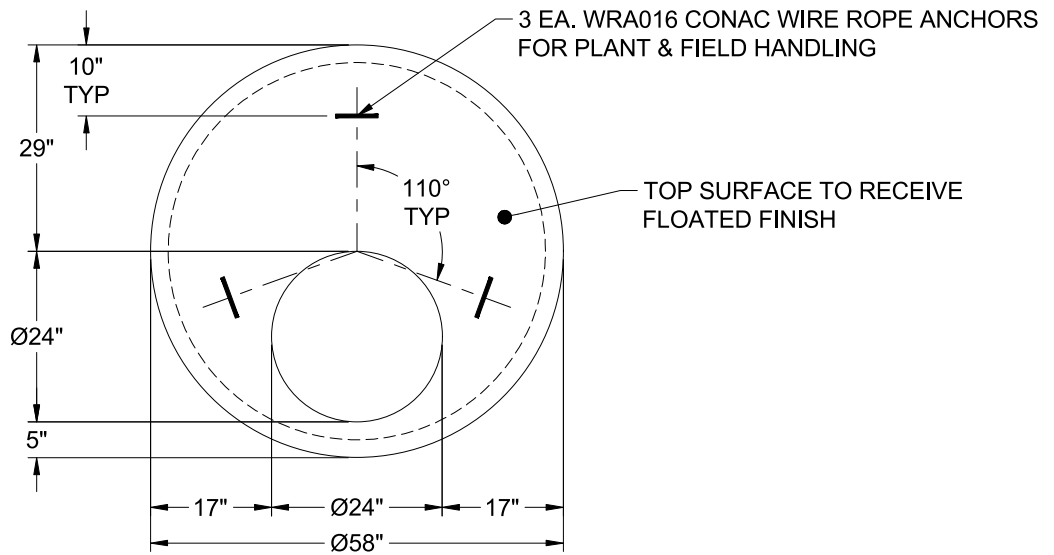
MH FLAT LID w/24in ECC Hole F/G

- P3) 24" - CASTING HEIGHT - 4"
- P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 37"
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 20
- 2) Hole - 18
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 1561 lb
 3562 lb
 0 lb
 0 lb
 0 lb
 0 lb

 0 lb
 Structure Total: 5123 lb

- Structure Notes:
 KYTC STATE PROJECT
1. PER KYTC MANHOLE TYPE A / ASTM C-478 SPECS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #4 BAR @ 10" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. HOE KY-206 FRAME & COVER "STORM" 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: Flat
 Seam Dn: Groove

Wall Thickness: 5"

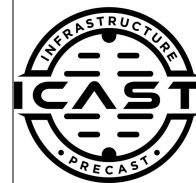
Height (Ext): 12"

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

Job Name: 25-4299 - Seneca High School
 Job Location: Louisville, KY
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: 100
 2/17/2026 12:47:19 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: I1

P2 MH048LD07-18X18

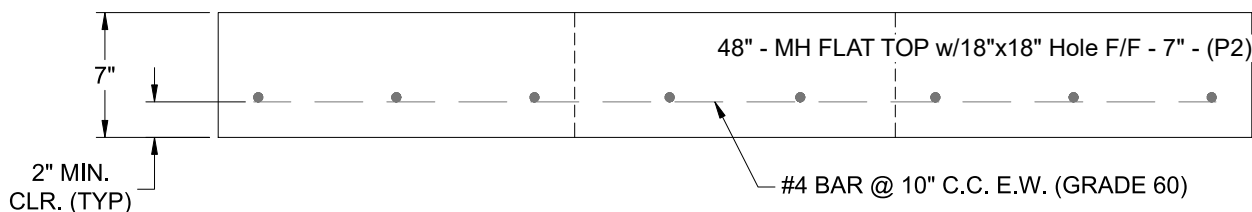
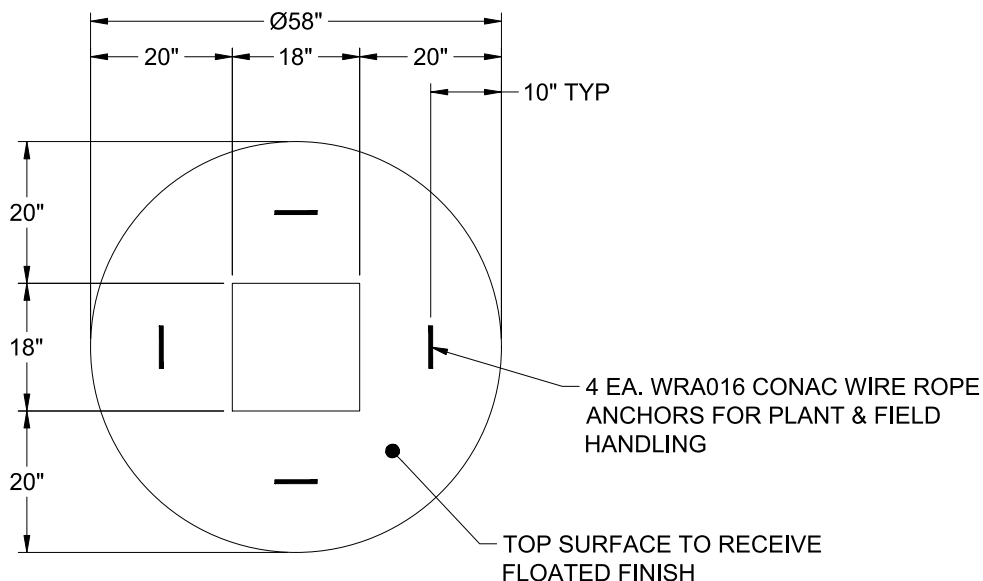
MH FLAT TOP w/18"x18" Hole F/F

- P3) 18" x 18" - CASTING HEIGHT - 4"
- P2) 48" - MH FLAT TOP w/18"x18" Hole F/F - 7"
- P1) 48" - MH BASE Custom Ht F/n - 34"
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 24"

0 lb
 1362 lb
 3119 lb
 0 lb
 0 lb

 Structure Total: 4481 lb

- Structure Notes:
1. PER LOUISVILLE MSD / ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #4 BAR @ 10" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. HOE 165-A FRAME & GRATE SUPPLIED BY OTHERS
 5. LIFTERS: 4 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
 6. TOP SURFACE TO RECEIVE FLOATED FINISH



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 5"

Height (Ext): 7"

Weight (Net): 1362 lb
 Volume (Net): 0.35cu.yd

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

Plant: 100

5/8/2026 11:22:40 AM

Tech: Jared- F

PC: C. Goff



Structure ID: 90+66 ARV

P3 MH048LD12ECC

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

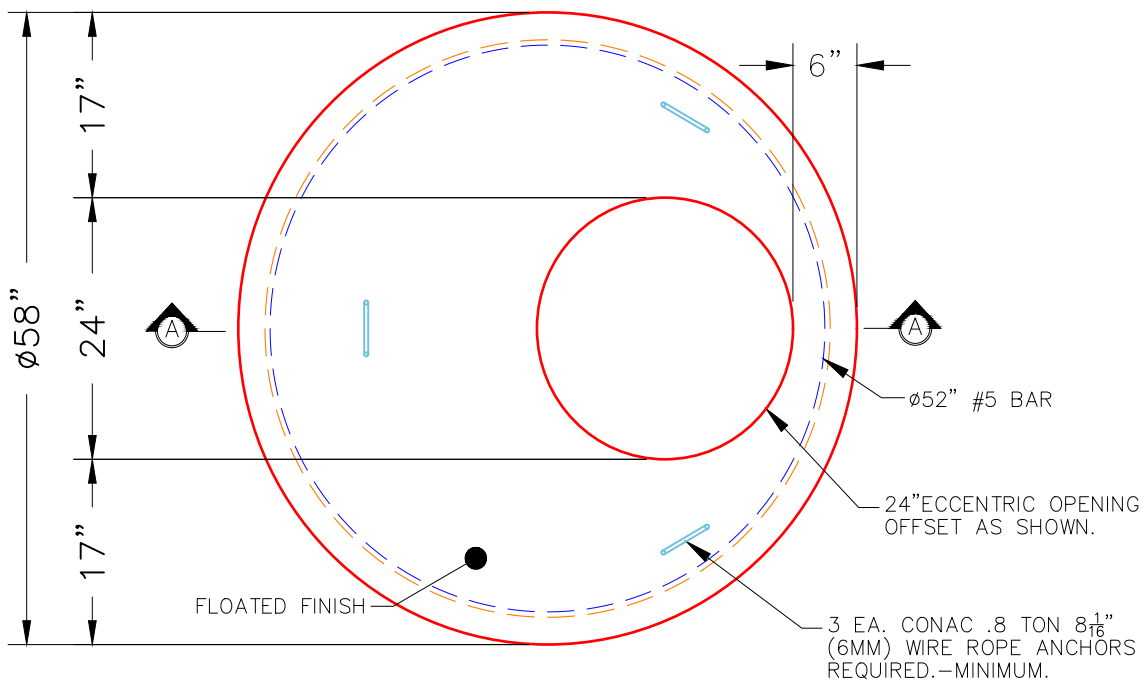
- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
- P2) 48" - MH DH RISER Custom Ht T/F - 35"
- P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) DOGHOUSE - 8"x8"

0 lb
 1561 lb
 2370 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

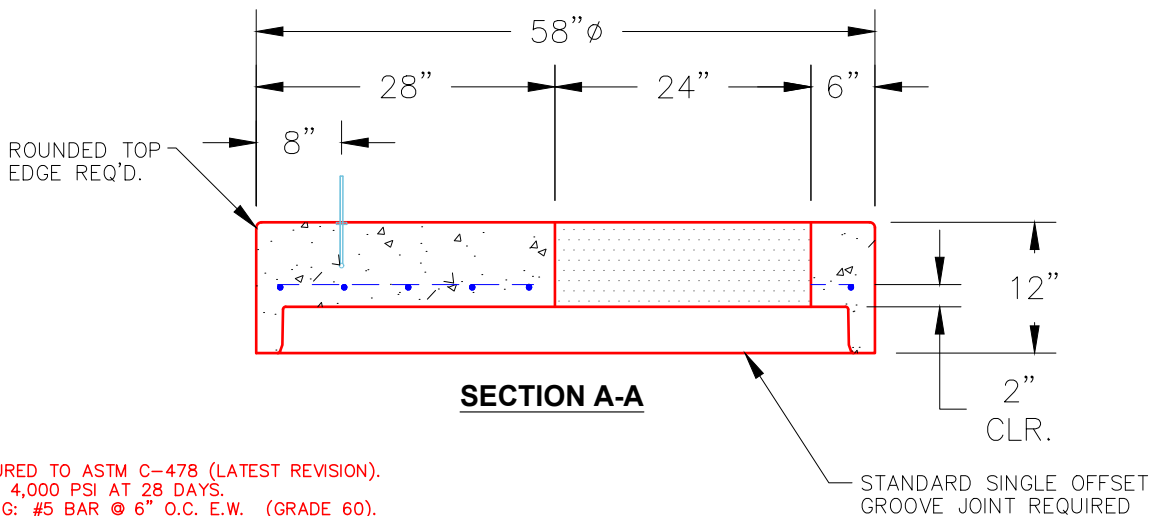
 Structure Total: 3931 lb

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 11:22:40 AM

Tech: Jared- F

PC: C. Goff



Structure ID: 85+24 ARV

P3 MH048LD12ECC

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

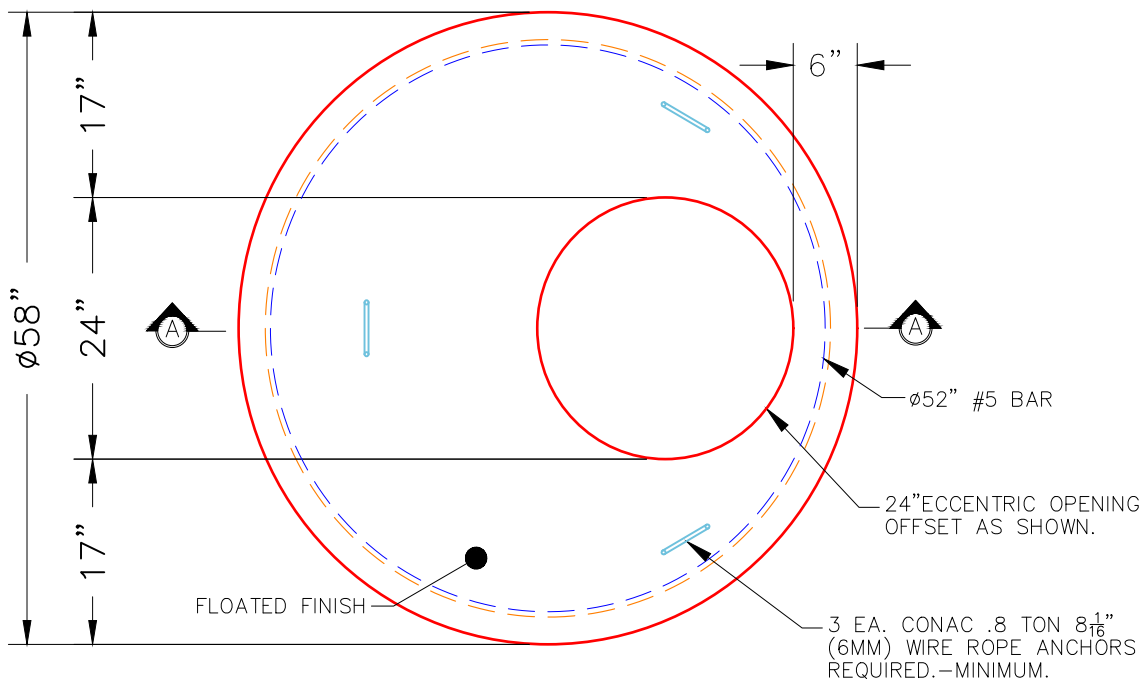
- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
- P2) 48" - MH DH RISER Custom Ht T/F - 35"
- P1) 48" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) DOGHOUSE - 8"x8"
- 1) DOGHOUSE - 8"x10"

0 lb
 1561 lb
 2360 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

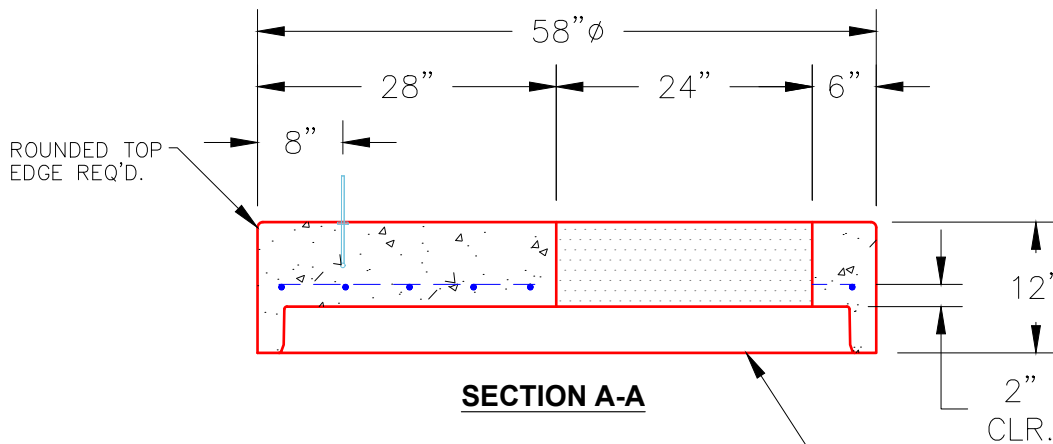
 Structure Total: 3921 lb

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: 25-2952 - KYTC Jefferson Co Call 106 (251315)	Plant: 100	Tech: J. Horsley - A	
Job Location: Indiana, KY Contractor: Louisville Paving and Construction	5/12/2026 12:59:28 PM	PC: J. Jarvis	

Structure ID: 126

P1 MH048BAVF

MH BASE Custom Ht T/n

P3) 24" - CASTING HEIGHT - 4"	0 lb
P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"	1561 lb
P1) 48" - MH BASE Custom Ht T/n - 37"	3562 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
2) Hole - 18	0 lb
3) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	5123 lb

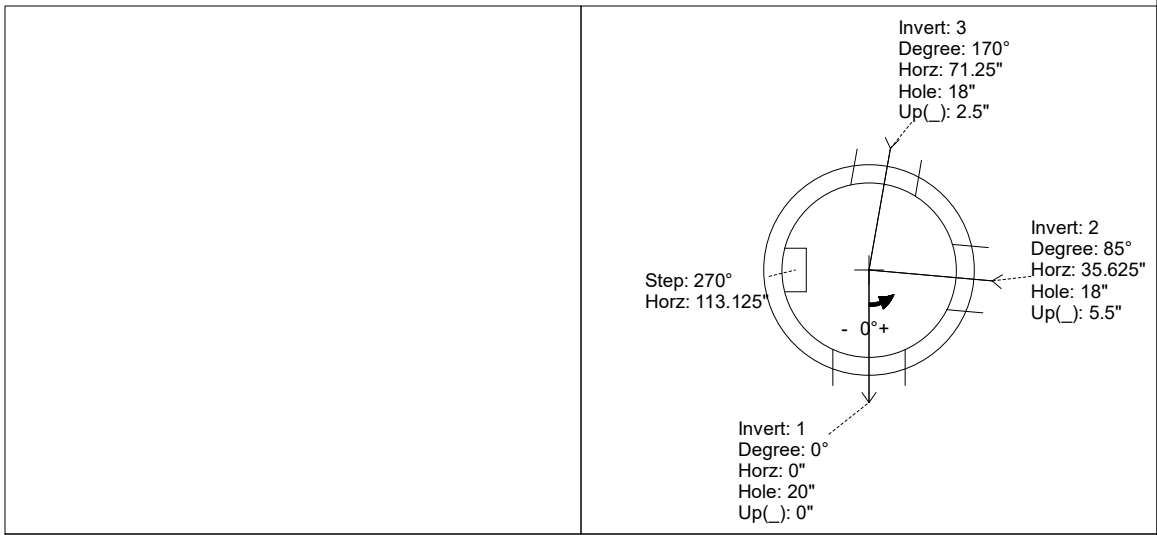
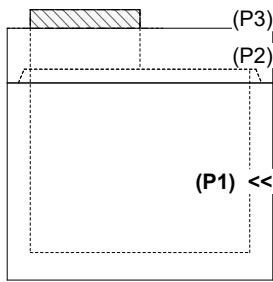
Structure Notes:
****KYTC STATE PROJECT****
 1. PER KYTC MANHOLE TYPE A / ASTM C-478 SPECS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. NO STORM INVERT
 5. STEPS AT 270 DEGREES
 6. HOE KY-206 FRAME & COVER "STORM" SUPPLIED BY OTHERS

Rim: 566.72' Rim to Invert: 4.25' Slack: 0.5" Sump: 2.5" Step Position: 0°

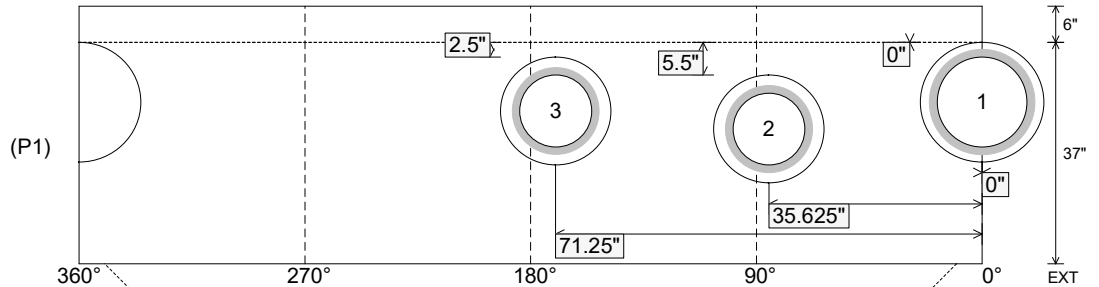
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	562.47'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	0"	0"
Invert 2	562.97'	85°	43"	12" HDPE	14.5"	Hole 18	18"	18.451"	5.5"	0"
Invert 3	562.72'	170°	86"	12" HDPE	14.5"	Hole 18	18"	18.451"	2.5"	0"
Invert 4										
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: 5" Floor Height: 6"	Height (Int): 37" Height (Ext): 43"	Weight (Net): 3562 lb Volume (Net): 0.91cu.yd
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Job Name: 25-4279 - KYTC Christian Co (251031)
 Job Location: Hopkinsville, KY
 Contractor: CITCO Water

Plant: 100
 5/8/2026 11:23:28 AM

Tech: Jared- F
 PC: C. Goff



Structure ID: 96+65 ARV

P2 MH048DHVF

MH DH RISER Custom Ht T/F

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
- P2) 48" - MH DH RISER Custom Ht T/F - 38"
- 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
 2580 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 4141 lb

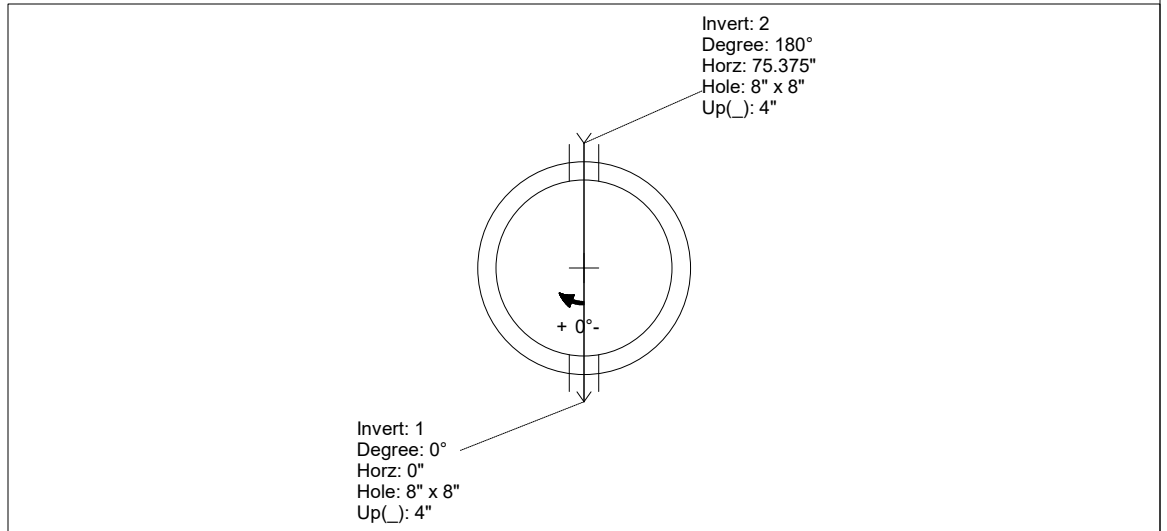
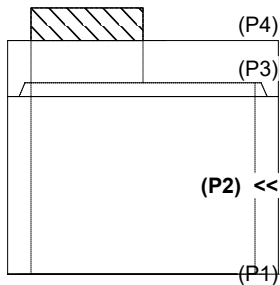
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS.
 4. CASTING SUPPLIED BY OTHERS.

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

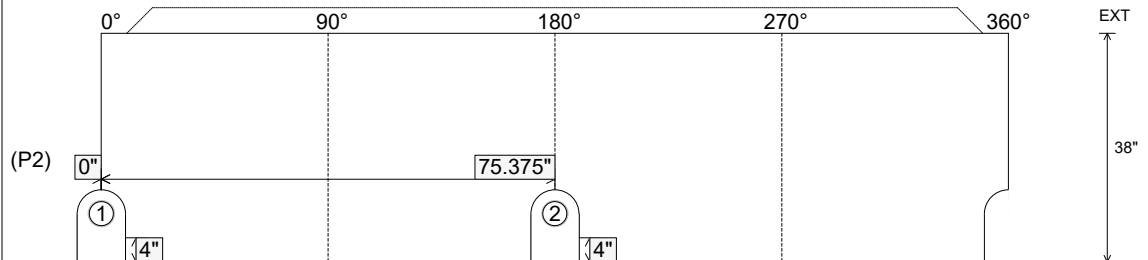
Rim: 545.53' Rim to Invert: 4.29' Slack: 0.48" Sump: 6" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	541.24'	0°	0"	4" PVC SDR21	4.375"	DOGHOUSE 8"x8"	8" x 8"	8.038"	4"	0"
Invert 2	541.24'	180°	91.125"	4" PVC SDR21	4.375"	DOGHOUSE 8"x8"	8" x 8"	8.038"	4"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Flat

Wall Thickness: 5"
 Floor Height: 0"

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

Weight (Net): 2580 lb
 Volume (Net): 0.66cu.yd

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

Plant: 100
 5/8/2026 11:23:28 AM

Tech: Jared- F
 PC: C. Goff



Structure ID: 93+36 ARV

P2 MH048DHVF

MH DH RISER Custom Ht T/F

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
- P2) 48" - MH DH RISER Custom Ht T/F - 35"
- 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
 2367 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 3928 lb

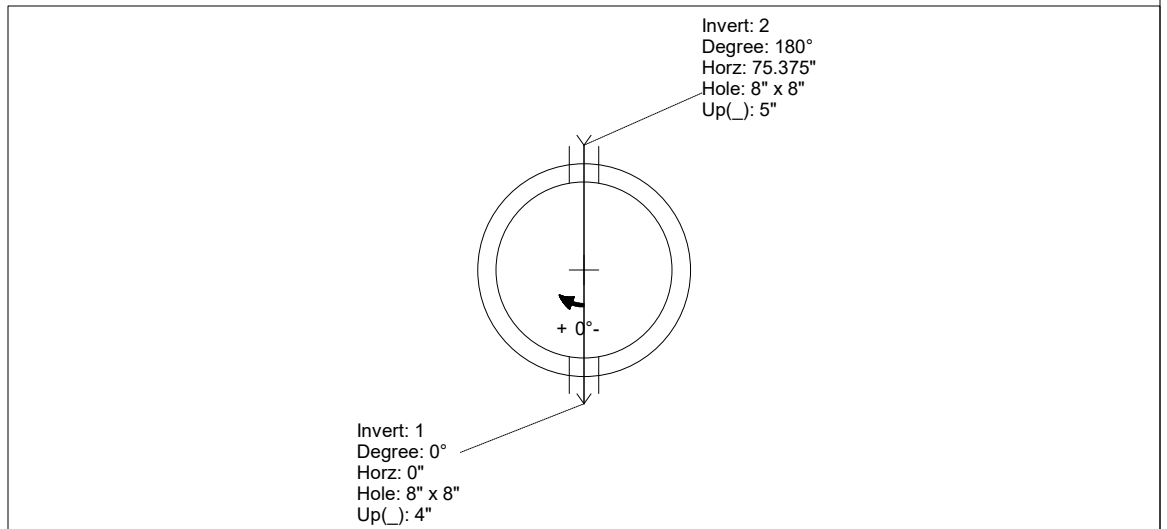
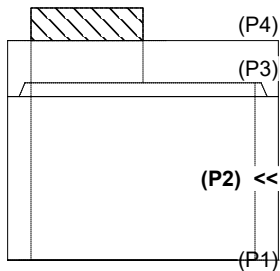
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS.
 4. CASTING SUPPLIED BY OTHERS.

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

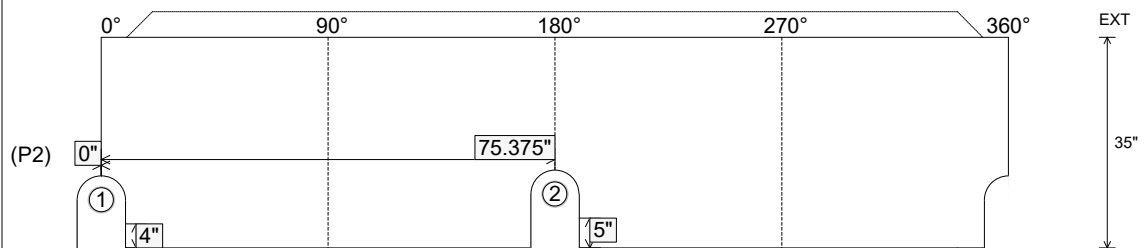
Rim: 542.71' Rim to Invert: 4.08' Slack: 0.96" Sump: 6" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	538.63'	0°	0"	4" PVC SDR21	4.375"	DOGHOUSE 8"x8"	8" x 8"	8.038"	4"	0"
Invert 2	538.71'	180°	91.125"	4" PVC SDR21	4.375"	DOGHOUSE 8"x8"	8" x 8"	8.038"	5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Flat	Wall Thickness: 5" Floor Height: 0"	Height (Int): 35" Height (Ext): 35"	Weight (Net): 2367 lb Volume (Net): 0.6cu.yd
----------------------------------	----------------------------------	--	--	---

Job Name: 26-1219 - 1662 Pinkerton Road
 Job Location: Brentwood, TN
 Contractor: Hayes Pipe Supply

Plant: 100
 5/11/2026 5:31:57 PM

Tech: Jared - F
 PC: T. Ryan



Structure ID: 5-9 SS-MH

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60"
- P1) 48" - MH BASE w/ConBlock-CDA Red 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 w/ConBlock-CDA Red - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) PSX - 12-08 NYLO
- 2) PSX - 12-06 NYLO
- 10) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 4192 lb
 3282 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 8 lb
 16 lb
 0 lb

 Structure Total: 11189 lb

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

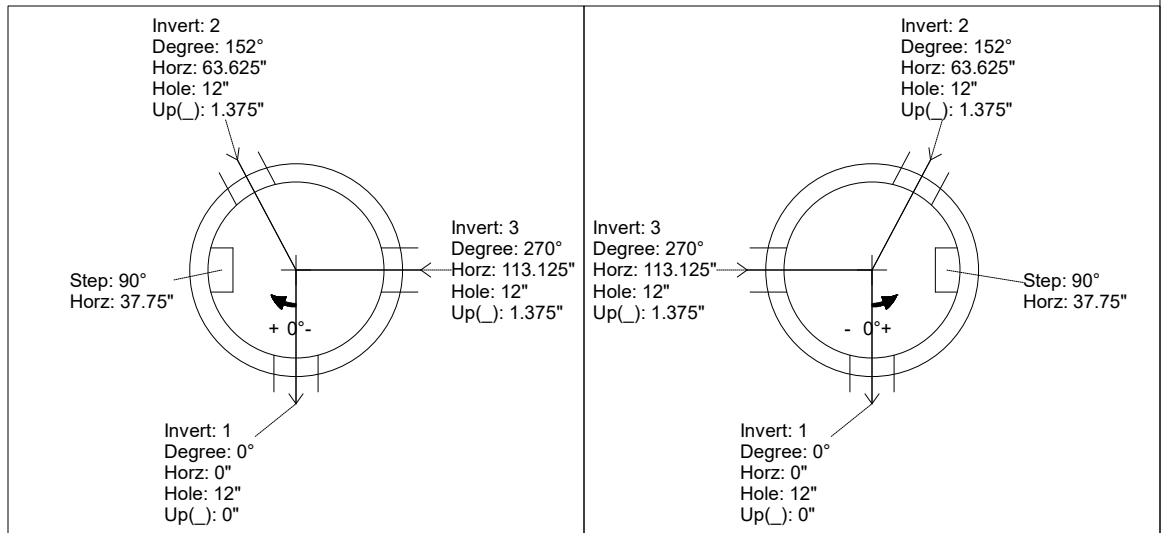
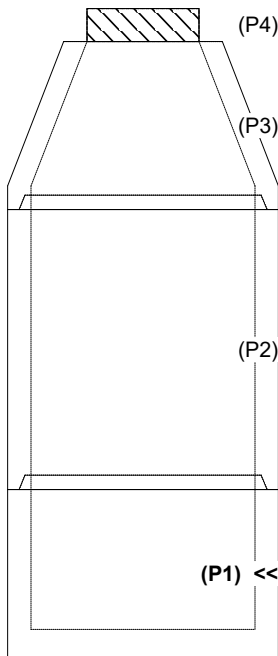
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 581.79' Rim to Invert: 11.07' Slack: 1.84" Sump: 2" Step Position: 90

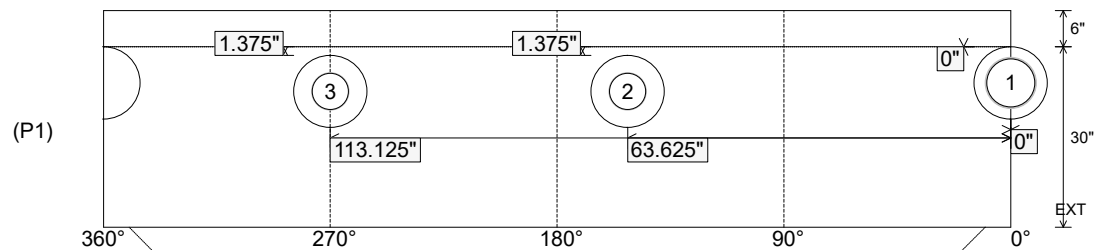
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	570.72'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	570.92'	152°	76.875"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 3	570.92'	270°	136.625"	6" PVC SDR35	6.25"	PSX 12-06 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

Job Name: 26-1219 - 1662 Pinkerton Road
 Job Location: Brentwood, TN
 Contractor: Hayes Pipe Supply

Plant: 100
 5/11/2026 5:31:57 PM

Tech: Jared - F
 PC: T. Ryan



Structure ID: 5-9 SS-MH

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60"
- P1) 48" - MH BASE w/ConBlock-CDA Red 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 w/ConBlock-CDA Red - FULL HEIGHT
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) PSX - 12-08 NYLO
- 2) PSX - 12-06 NYLO
- 10) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 4192 lb
 3282 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 8 lb
 16 lb
 0 lb

 Structure Total: 11189 lb

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

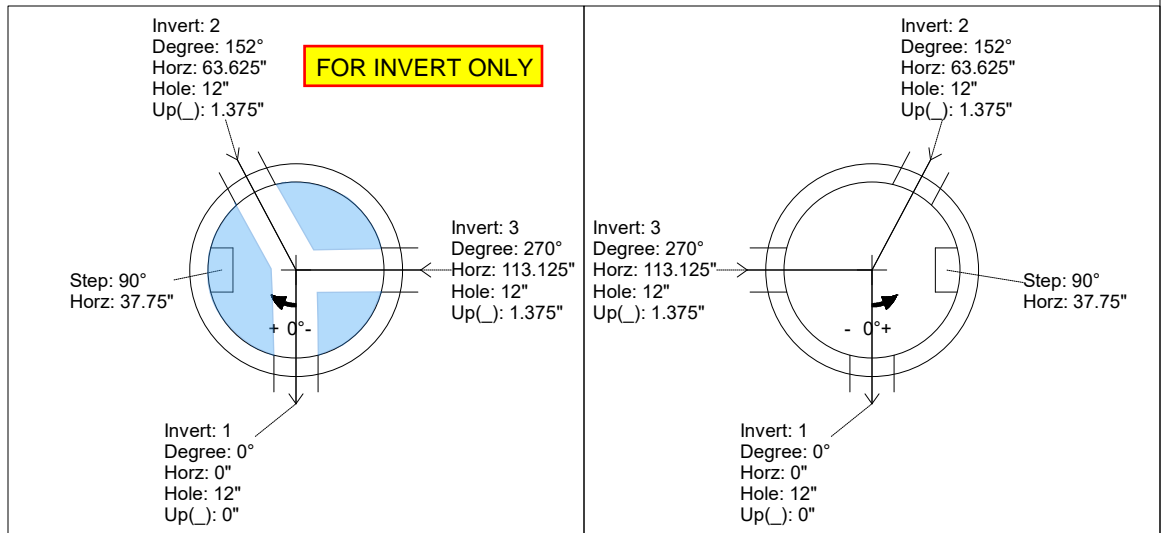
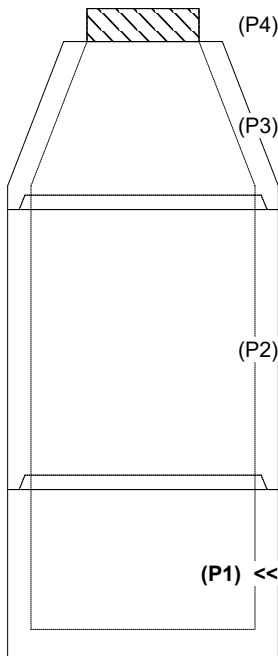
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 581.79' Rim to Invert: 11.07' Slack: 1.84" Sump: 2" Step Position: 90

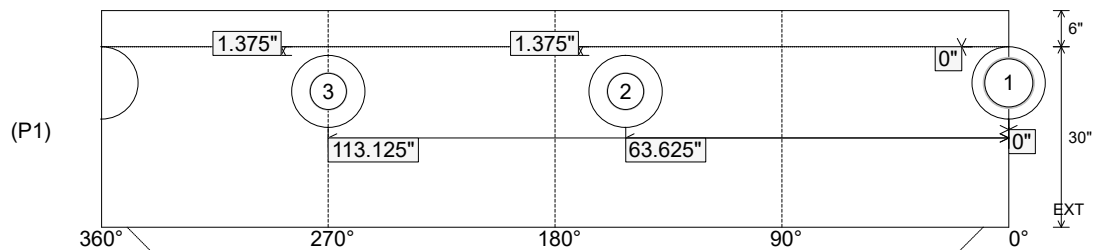
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1	570.72'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	570.92'	152°	76.875"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	1.375"	0"
Invert 3	570.92'	270°	136.625"	6" PVC SDR35	6.25"	PSX 12-06 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

Job Name: 26-1219 - 1662 Pinkerton Road
 Job Location: Brentwood, TN
 Contractor: Hayes Pipe Supply

Plant: 100
 5/11/2026 5:31:56 PM

Tech: Jared - F
 PC: T. Ryan



Structure ID: 4-8 SS-MH

P1 MH048BA36CDARED

MH BASE w/ConBlock-CDA Red T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"	270 lb
P2) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36"	3749 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 w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
6) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7726 lb

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

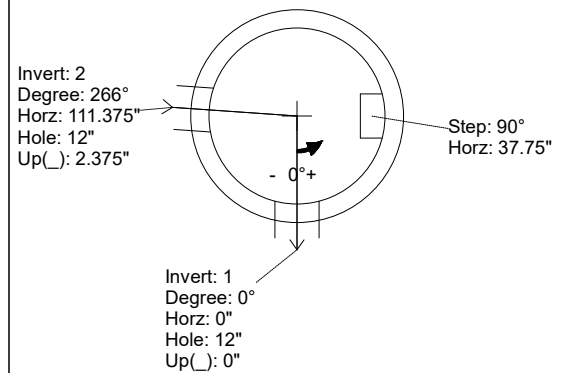
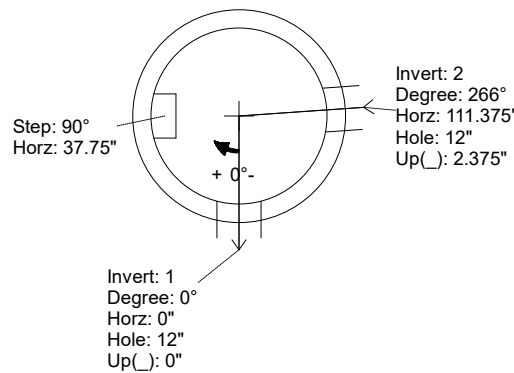
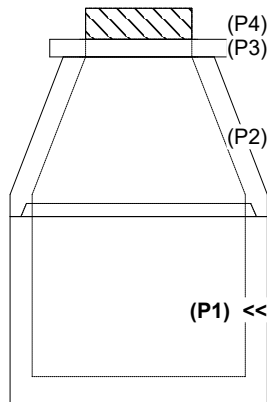
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 575.49' Rim to Invert: 6.91' Slack: 1.92" Sump: 2" Step Position: 90

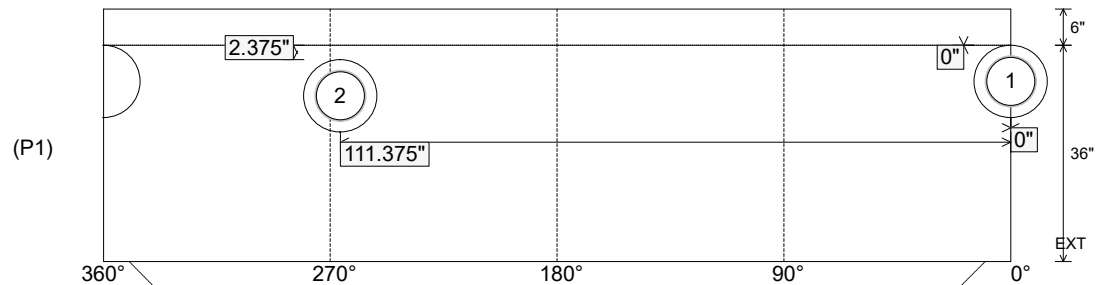
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	568.58'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	568.78'	266°	134.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	2.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3749 lb
 Volume (Net): 0.96cu.yd

Job Name: 26-1219 - 1662 Pinkerton Road
 Job Location: Brentwood, TN
 Contractor: Hayes Pipe Supply

Plant: 100
 5/11/2026 5:31:56 PM

Tech: Jared - F
 PC: T. Ryan



Structure ID: 4-8 SS-MH

P1 MH048BA36CDARED

MH BASE w/ConBlock-CDA Red T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"	270 lb
P2) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36"	3749 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 w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
6) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7726 lb

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

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

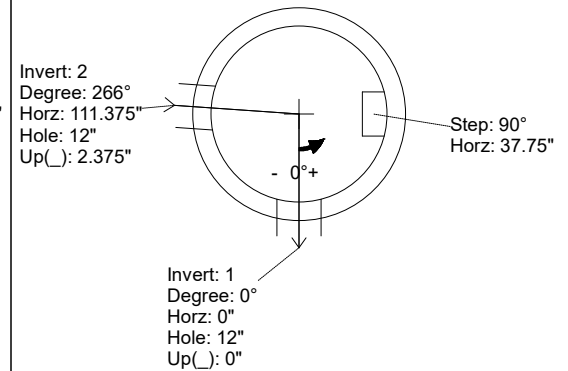
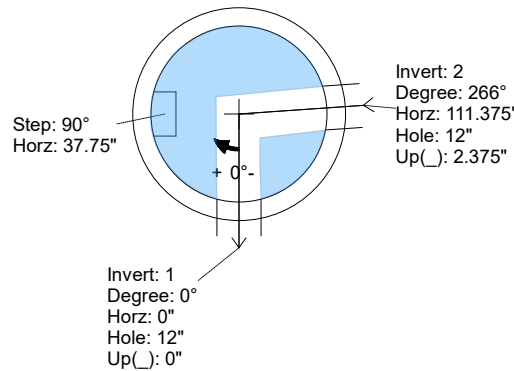
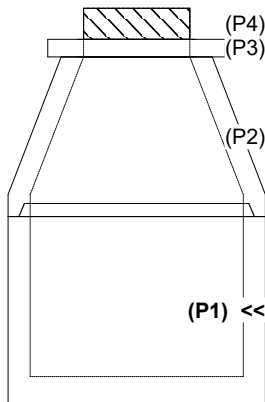
Rim: 575.49' Rim to Invert: 6.91' Slack: 1.92" Sump: 2" Step Position: 90

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1	568.58'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	568.78'	266°	134.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	2.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

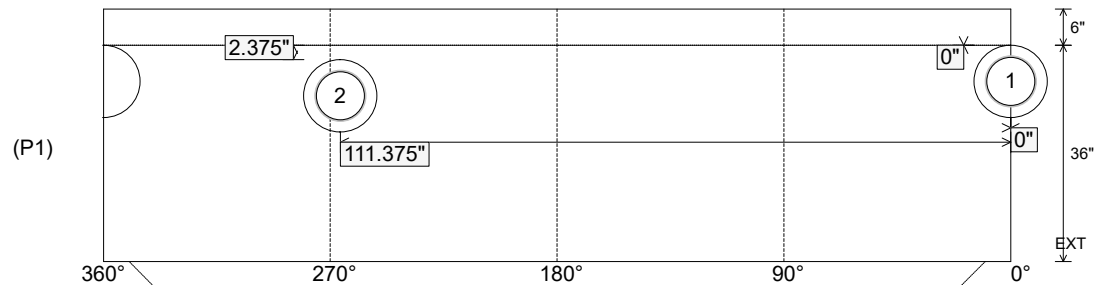
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

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): 36"
 Height (Ext): 42"

Weight (Net): 3749 lb
 Volume (Net): 0.96cu.yd

Job Name: 26-1219 - 1662 Pinkerton Road
 Job Location: Brentwood, TN
 Contractor: Hayes Pipe Supply

Plant: 100
 5/11/2026 5:32:36 PM

Tech: Jared - F
 PC: T. Ryan



Structure ID: 2-6 SS-MH

P3 MH048CCN36CDARED

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

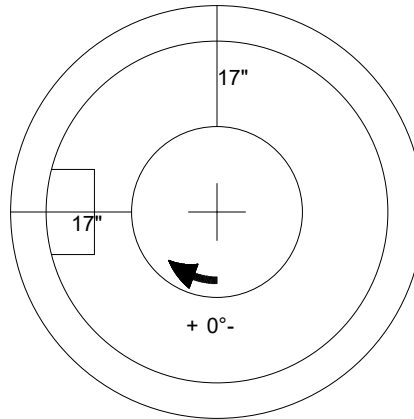
- P5) 24" - CASTING HEIGHT - 7" 0 lb
- P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4" 270 lb
- P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36" 2251 lb
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" 4192 lb
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 3330 lb
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1440 lb
- 2) 48" - Conseal CS-102 1.00" (Double) 0 lb
- 2) PSX - 12-08 NYLO 16 lb
- 10) MH Step ML-10-TDS-NCR - 10" 0 lb

Structure Total: 11499 lb

Structure Notes:

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

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



48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36" - (P3)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

Weight (Net): 2251 lb
 Volume (Net): 0.57cu.yd

Job Name: 26-1219 - 1662 Pinkerton Road
 Job Location: Brentwood, TN
 Contractor: Hayes Pipe Supply

Plant: 100
 5/11/2026 5:33:36 PM

Tech: Jared - F
 PC: T. Ryan



Structure ID: 1-5 SS-MH

P2 MH048RS24CDARED

MH RISER w/ConBlock-CDA Red T/G

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24"	1677 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"	2911 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 w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
7) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8295 lb

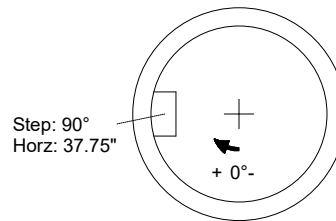
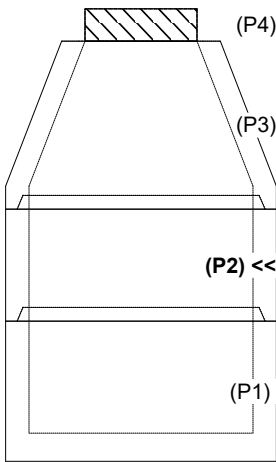
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING SUPPLIED BY OTHERS.

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

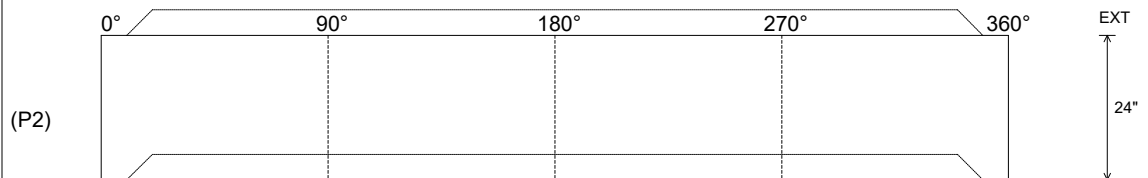
Rim: 566.13' Rim to Invert: 7.45' Slack: 0.4" Sump: 2" Step Position: 90

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): 24"
 Height (Ext): 24"

Weight (Net): 1677 lb
 Volume (Net): 0.43cu.yd

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

Plant: 100
 4/30/2026 1:23:01 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S205

P2 MH048LD12S

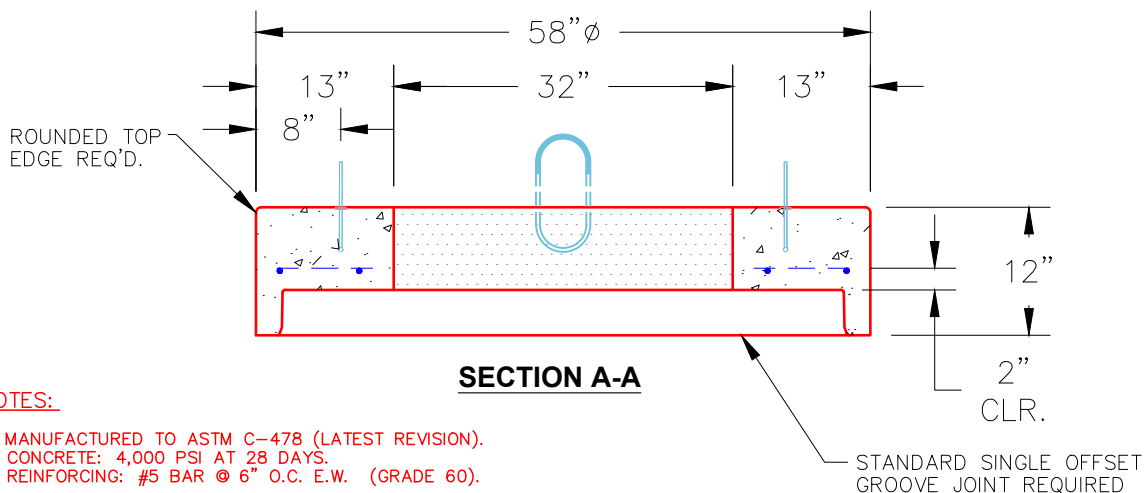
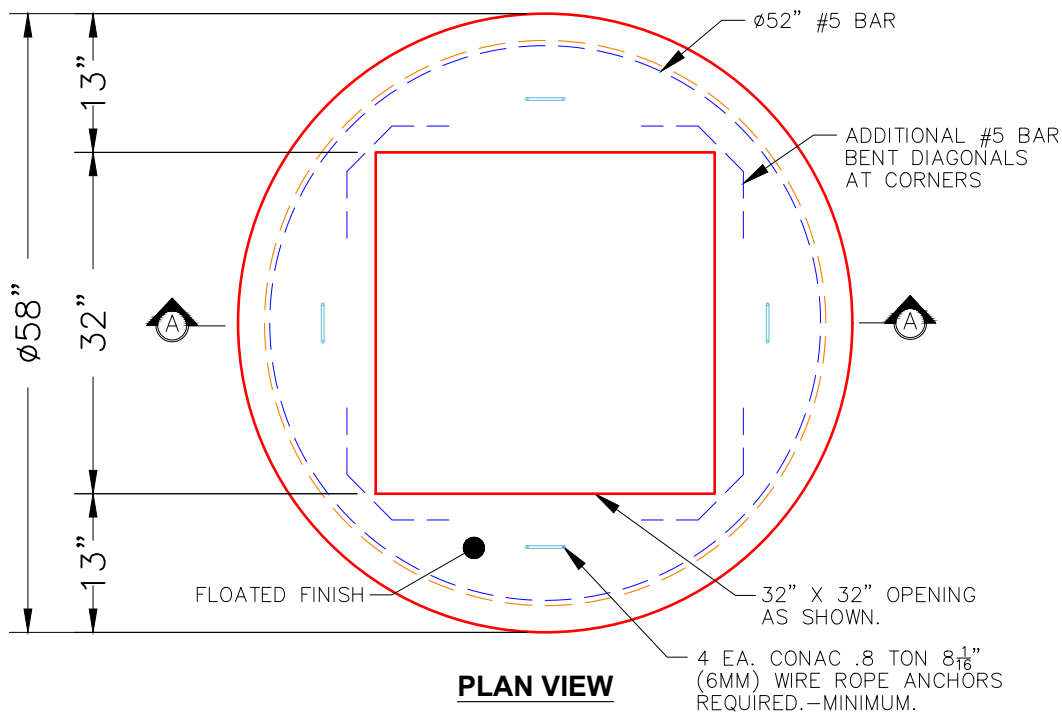
MH FLAT TOP w/32"x32" Hole F/G

- P3) 32" x 32" - CASTING HEIGHT - 3"
- P2) 48" - MH FLAT TOP w/32"x32" Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 32"
- 1) CASTING - HOE 595 F/G
- 1) 48" - Conseal CS-102 1.00"
- 1) 32" x 32" - Conseal CS-102 1.00"
- 1) Hole - 20
- 2) Hole - 16

0 lb
 1629 lb
 3259 lb
 376 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 5264 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE 595 F/G)

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



NOTES:

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

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

Weight (Net): 1629 lb
 Volume (Net): 0.42cu.yd

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

Plant: 100
 4/30/2026 1:23:00 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S202

P2 MH048LD07S

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

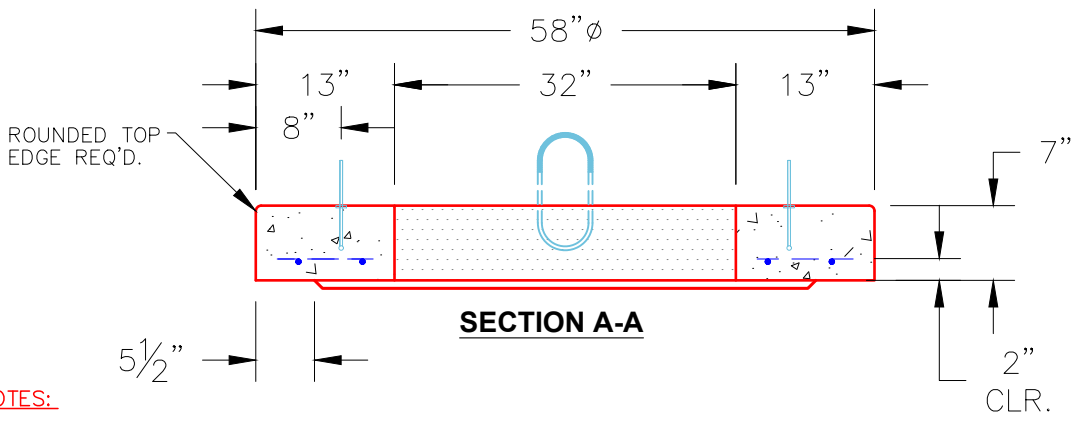
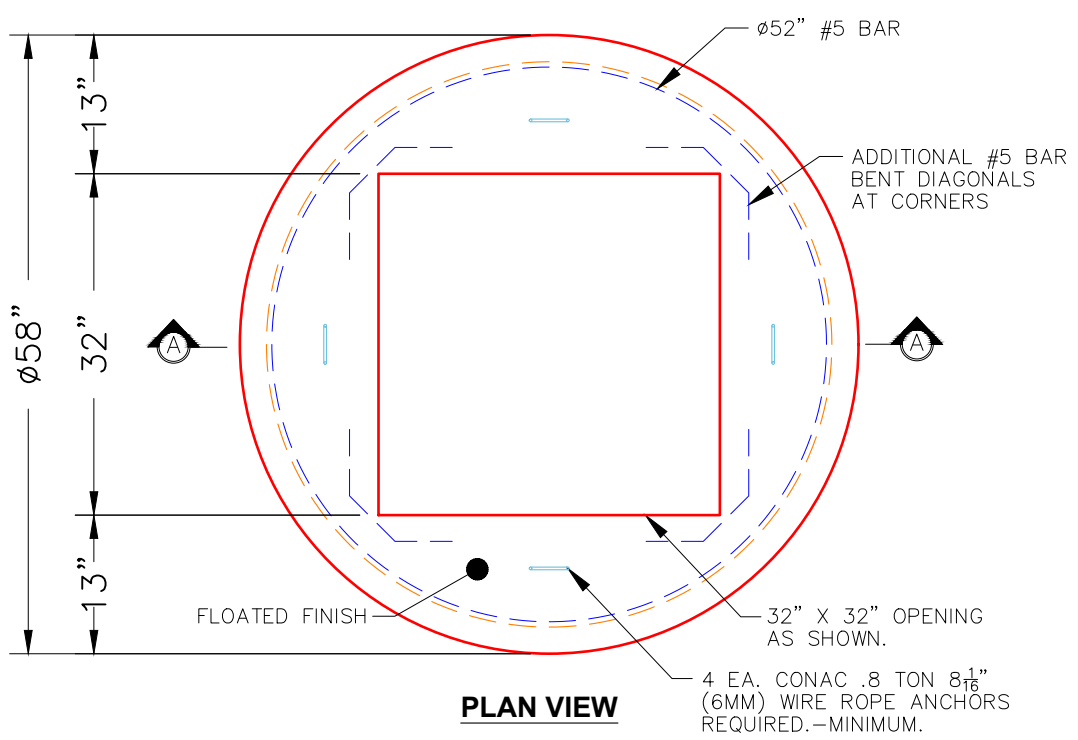
- P3) 32" x 32" - CASTING HEIGHT - 3"
- P2) 48" - MH FLAT TOP w/32"x32" Hole F/F - 7"
- P1) 48" - MH BASE Custom Ht F/n - 21"
- 1) CASTING - HOE 595 F/G
- 1) 48" - Conseal CS-102 1.00"
- 1) 32" x 32" - Conseal CS-102 1.00"
- 2) Hole - 16

0 lb
 950 lb
 2626 lb
 376 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 3952 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE 595 F/G)

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



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

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 5"	Height (Ext): 7"	Weight (Net): 950 lb Volume (Net): 0.24cu.yd
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Job Name: 25-3452 - Churchill Downs Skye Terrace Improvements
 Job Location: Louisville, KY 40208
 Contractor: Louisville Paving and Construction

Plant: 100
 4/30/2026 1:21:58 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S215

P1 MH048BAVF

MH BASE Custom Ht T/n

- P3) 32" x 32" - CASTING HEIGHT - 3"
- P2) 48" - MH FLAT TOP w/32"x32" Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 34"
- 1) CASTING - HOE 595 F/G
- 1) 48" - Conseal CS-102 1.00"
- 1) 32" x 32" - Conseal CS-102 1.00"
- 2) Hole - 16

0 lb
 1629 lb
 3534 lb
 376 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5539 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE 595 F/G)

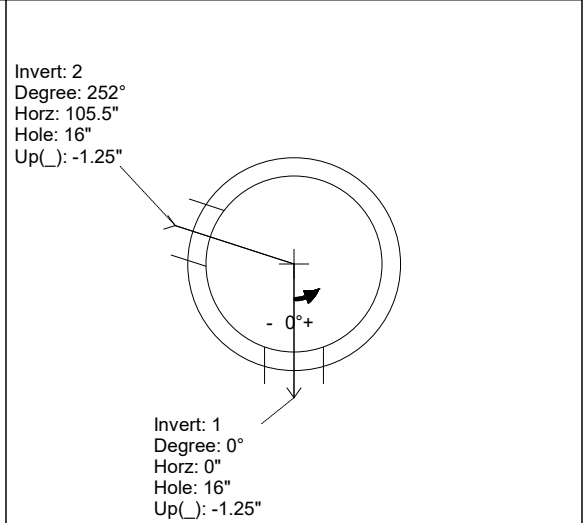
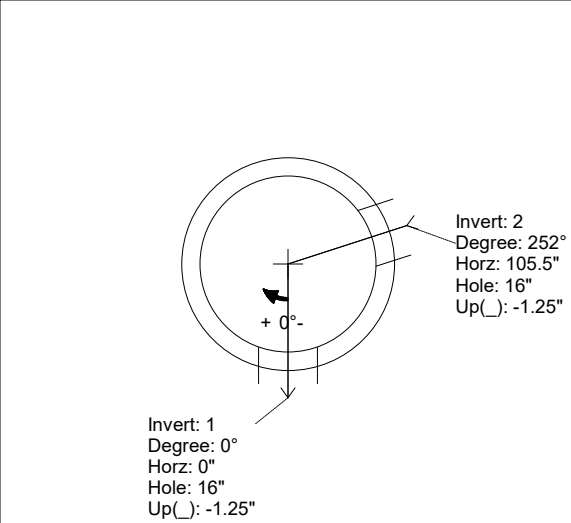
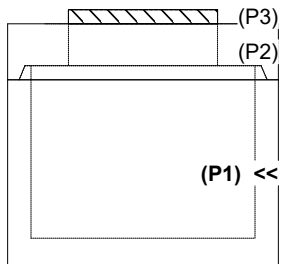
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 454.5' Rim to Invert: 4.12' Slack: 0.44" Sump: 0" Step Position:

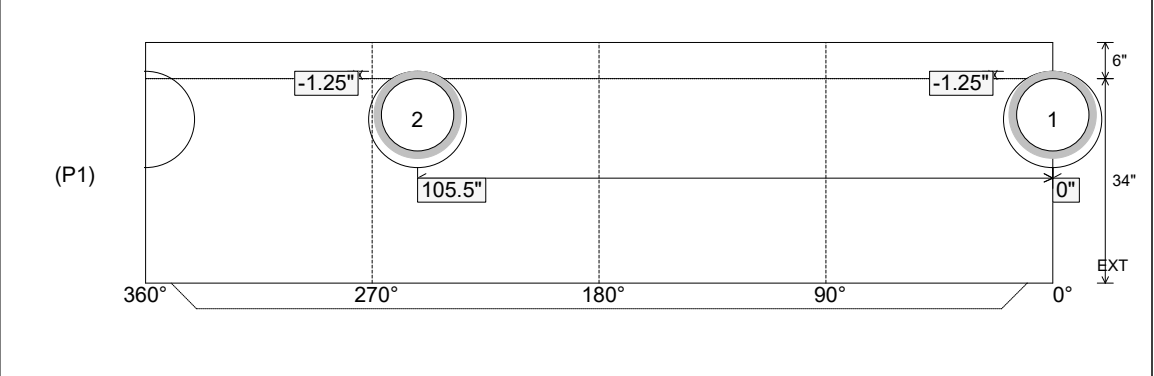
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	450.38'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.312"	-1.25"	0"
Invert 2	450.38'	252°	127.5"	12" HDPE	14.5"	Hole 16	16"	16.312"	-1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 34" Height (Ext): 40"	Weight (Net): 3534 lb Volume (Net): 0.9cu.yd
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Job Name: 25-3452 - Churchill Downs Skye Terrace Improvements
 Job Location: Louisville, KY 40208
 Contractor: Louisville Paving and Construction

Plant: 100
 4/30/2026 4:23:48 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S306

P1 MH048BAVF

MH BASE Custom Ht F/n

- P3) 24" - CASTING HEIGHT - 3"
- P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/F - 7"
- P1) 48" - MH BASE Custom Ht F/n - 56"
- 1) CASTING - HOE MC-420 F/C Storm
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 16
- 1) DOGHOUSE INVRTD - 10"x10"

0 lb
 1286 lb
 5113 lb
 340 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 6739 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE 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 .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

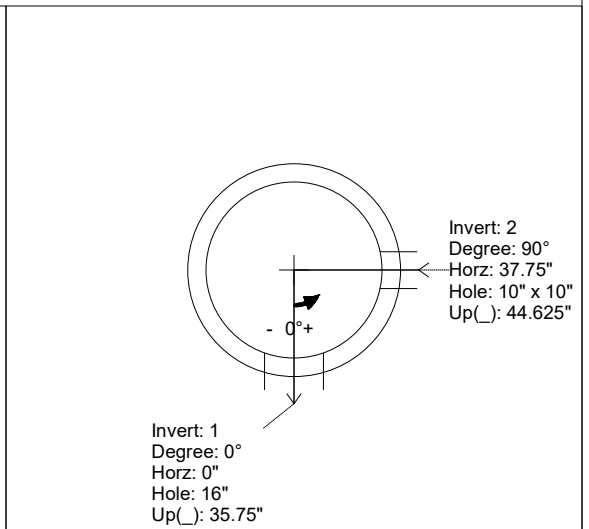
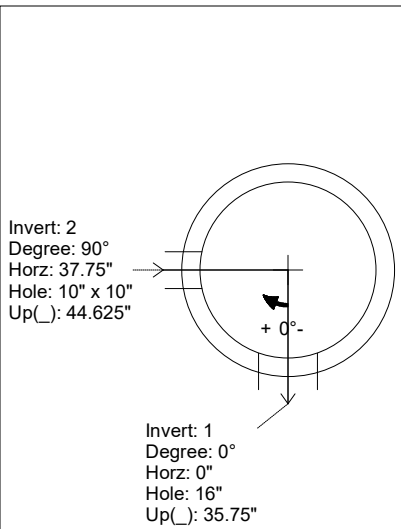
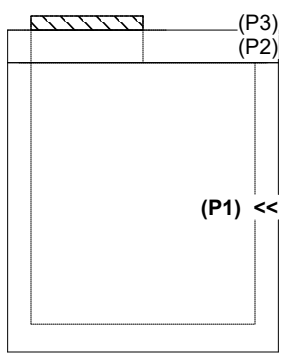
Rim: 453.1' Rim to Invert: 2.5' Slack: 0.96" Sump: 36.96" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	450.6'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.312"	35.75"	0"
Invert 2	451.26'	90°	45.5"	8" PVC SDR26	8.5"	DOGHOUSE INVRTD 10"x10"	10" x 10"	10.074"	44.625"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

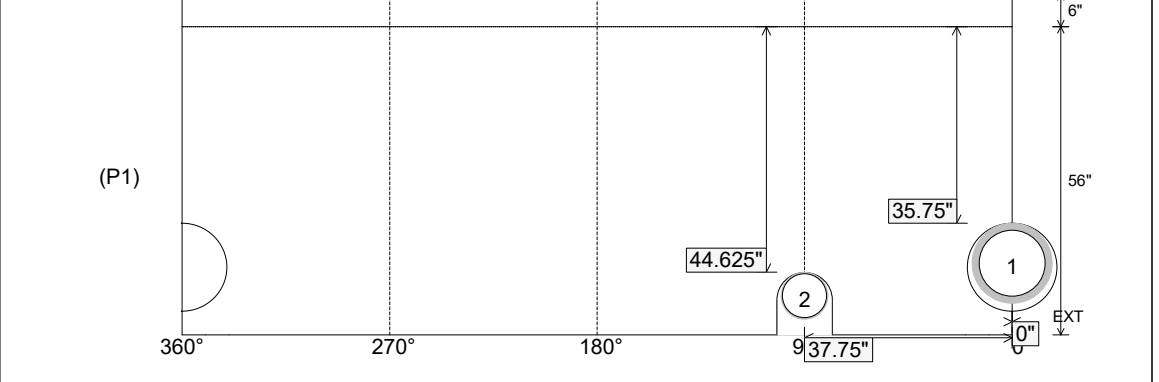
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

NOTE:
 Outlet pipe shall be trapped.



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 56" Height (Ext): 62"	Weight (Net): 5113 lb Volume (Net): 1.31cu.yd
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Job Name: 25-1431 - Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam
 4/28/2026 8:56:33 AM

Tech: J. Coppage
 PC: A. Chambers



Structure ID: SSMH-268

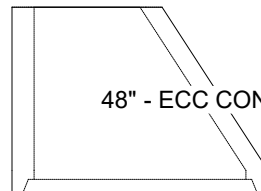
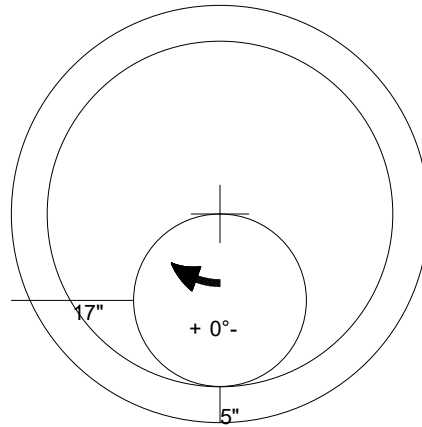
P2 MH048CN42-S

ECC CONE w/ 24" HOLE NO STEP

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING - 6"
- 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)
- 3) 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: 8599 lb



48" - ECC CONE w/ 24" HOLE NO STEP - 42" - (P2)

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 42"	Weight (Net): 3000 lb Volume (Net): 0.5cu.yd
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Job Name: 25-1431 - Georgetown Commons
 Job Location: Georgetown, KY
 Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

4/28/2026 8:57:09 AM

Tech: J. Copping

PC: A. Chambers



Structure ID: SSMH-285

P2 MH048RS60S

MH RISER NO STEPS

- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - ECC CONE w/ 24" HOLE NO STEP - 24"
- P3) 48" - MH RISER NO STEPS - 60"
- P2) 48" - MH RISER NO STEPS - 60"
- P1) 48" - MH BASE w/FLANGE (08F/08EF) - 28"
- 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
- 3) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 0285

- Structure Notes:**
1. JR HOE MC-375 SELF SEALING SAN BY ICAST
 2. PER ASTM C478 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
 5. **NO STEPS**

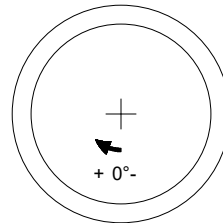
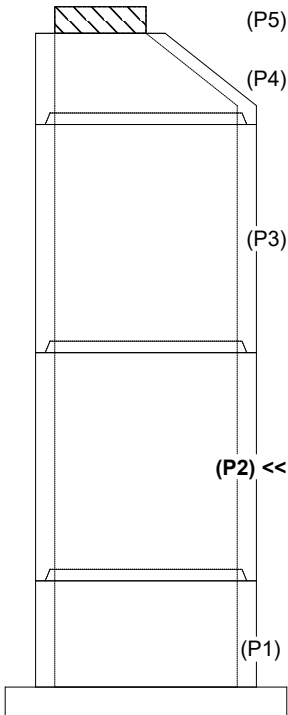
0 lb
 1550 lb
 4192 lb
 4192 lb
 4780 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 2 lb

Structure Total: 16155 lb

Rim: 892.6' Rim to Invert: 14.9' Slack: 1.8" Sump: 2" 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)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 5"
 Floor Height: 0"

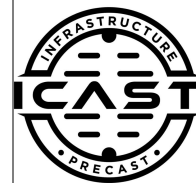
Height (Int): 60"
 Height (Ext): 60"

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

Job Name: 25-4299 - Seneca High School
 Job Location: Louisville, KY
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: 100
 2/17/2026 12:46:55 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: I1

P1 MH048BAVF

MH BASE Custom Ht F/n

- P3) 18" x 18" - CASTING HEIGHT - 4"
- P2) 48" - MH FLAT TOP w/18"x18" Hole F/F - 7"
- P1) 48" - MH BASE Custom Ht F/n - 34"
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 24"

0 lb
 1362 lb
 3119 lb
 0 lb
 0 lb

 Structure Total: 4481 lb

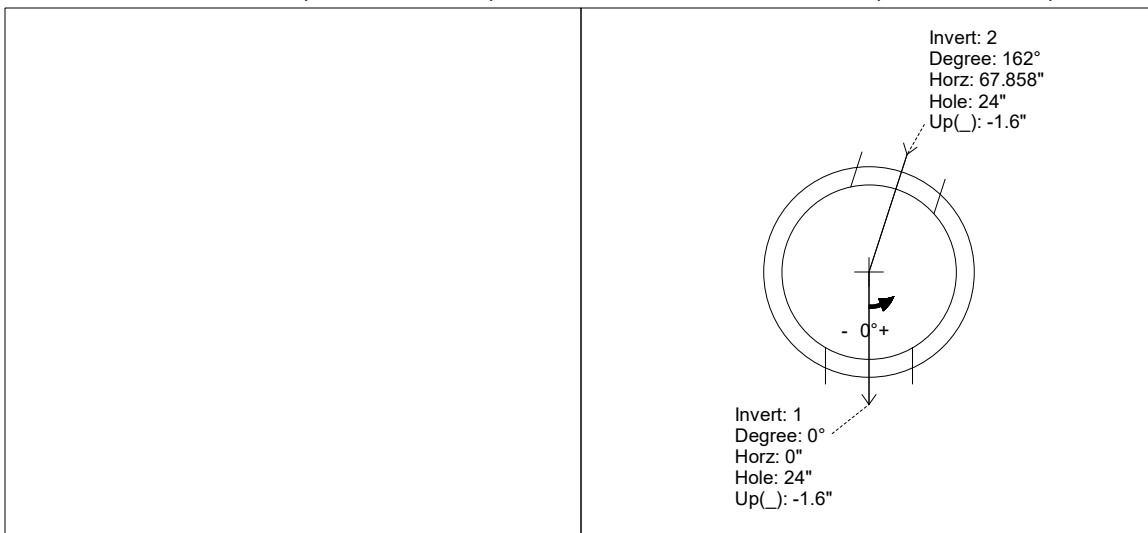
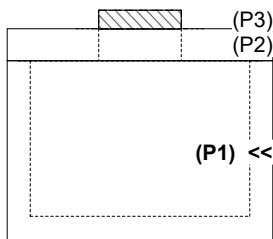
- Structure Notes:**
1. PER LOUISVILLE MSD / ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 165-A FRAME & GRATE SUPPLIED BY OTHERS

Rim: 482.15' Rim to Invert: 3.75' Slack: 0" Sump: 0" Step Position:

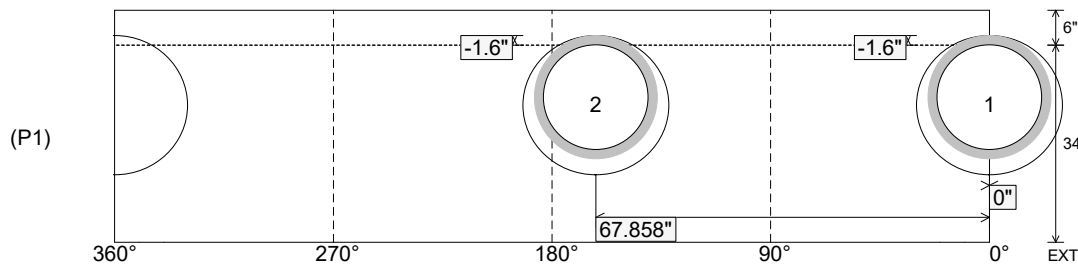
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	478.4'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133", 10.335"	-1.6"	0"
Invert 2	478.4'	162°	81.996"	18" HDPE	21.2"	Hole 24	24"	25.133", 14.861"	-1.6"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 34"
 Height (Ext): 40"

Weight (Net): 3119 lb
 Volume (Net): 0.8cu.yd

Job Name: 25-4299 - Seneca High School
 Job Location: Louisville, KY
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: 100
 2/16/2026 8:56:33 AM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: D2

P1 MH048BAVF

MH BASE Custom Ht F/n

- P3) 24" x 24" - CASTING HEIGHT - 4"
- P2) 48" - MH FLAT TOP w/24"x24" Hole F/F - 7"
- P1) 48" - MH BASE Custom Ht F/n - 25"
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 16
- 2) Hole - 12

0 lb
 1214 lb
 2895 lb
 0 lb
 0 lb
 0 lb

 4109 lb

Structure Total: 4109 lb

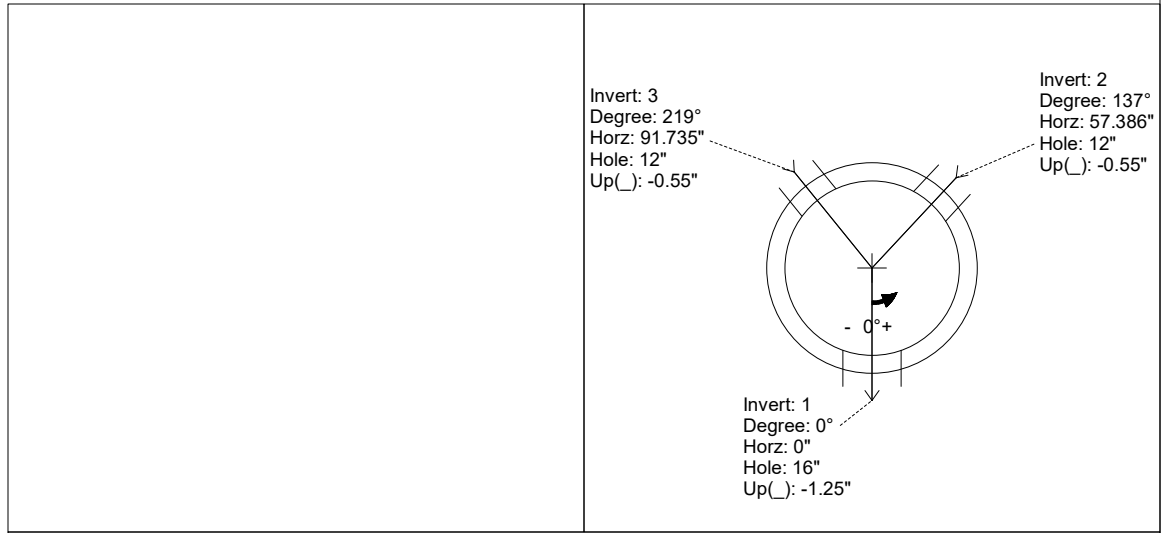
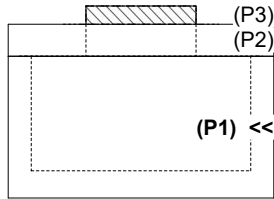
- Structure Notes:**
1. PER LOUISVILLE MSD / ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 280T FRAME & GRATE SUPPLIED BY OTHERS

Rim: 486.5' Rim to Invert: 3' Slack: 0" Sump: 0" Step Position:

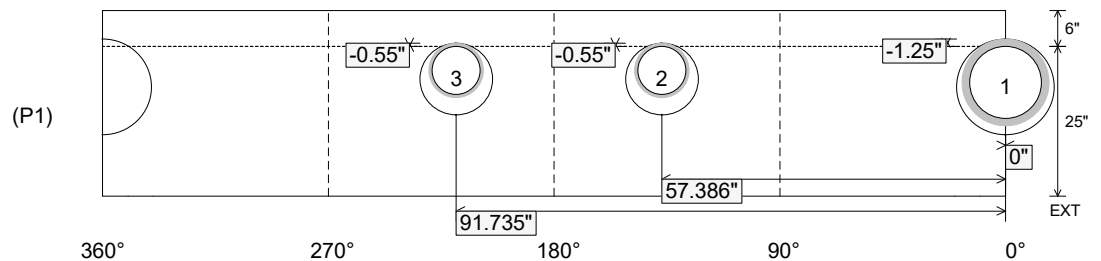
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (⌋)	Offset
Invert 1	483.5'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.312"	-1.25"	0"
Invert 2	483.5'	137°	69.342"	8" HDPE	9.1"	Hole 12	12"	12.129"	-0.55"	0"
Invert 3	483.5'	219°	110.846"	8" HDPE	9.1"	Hole 12	12"	12.129"	-0.55"	0"
Invert 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: 5"
 Floor Height: 6"

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

Weight (Net): 2895 lb
 Volume (Net): 0.74cu.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: VV

P2 MH060LD13SCDARED

MH FLAT TOP w/36"x42" Hatch w/ConBlock-CDA Red F/G

- P2) 60" - MH FLAT TOP w/36"x42" Hatch w/ConBlock-CDA Red F/G - 13"
- P1) 60" - MH BASE w/ConBlock-CDA Red T/n - 54"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) 60" - Conseal CS-102 1.00" (Double)
- 4) Hole - 8
- 1) Hole - 4

1993 lb
 8259 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

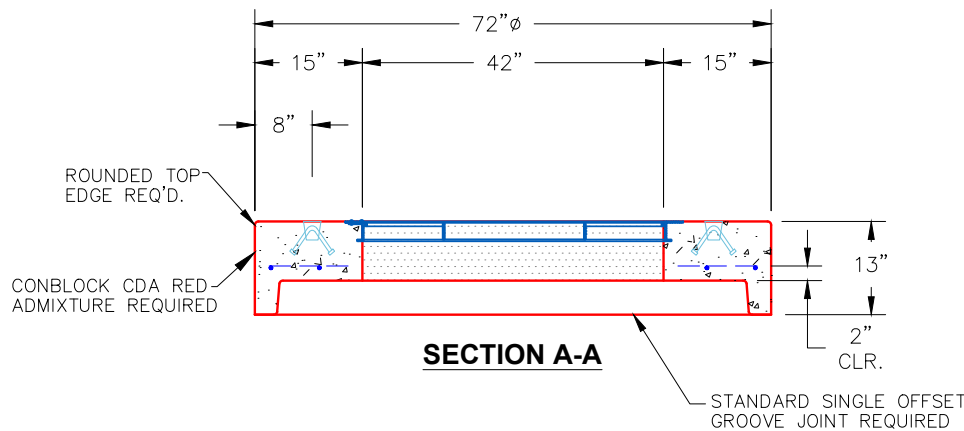
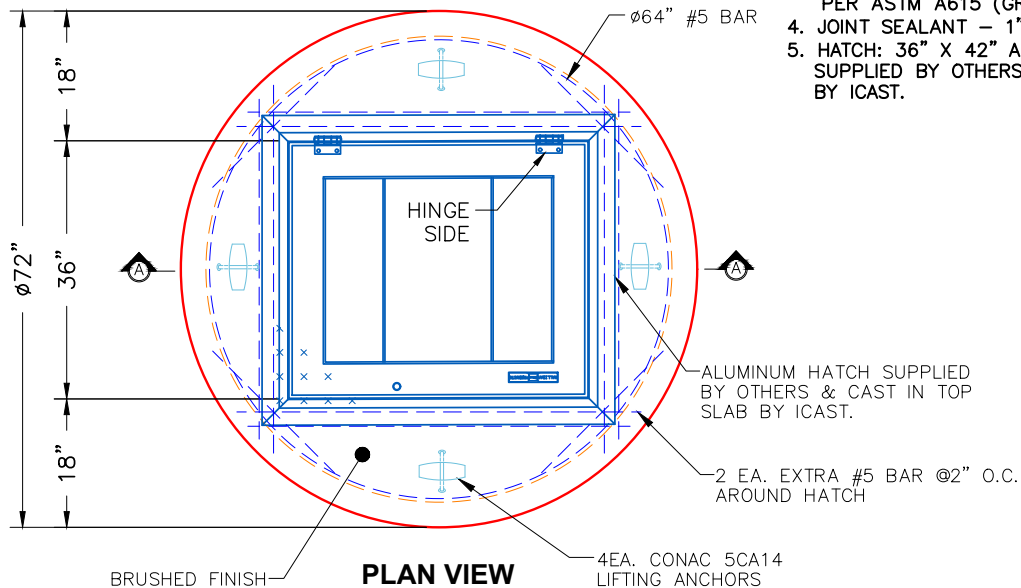
Structure Total: 10251 lb

- Structure Notes:**
1. PER ASCTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,500 PSI AT 28 DAYS.
 3. NO STEPS.
 4. ADMIXTURE = CONBLOCK CDA RED.
 5. ALUMINUM HATCH SUPPLIED BY OTHERS & CAST IN TOP SLAB BY ICAST. CENTERED LOCATION TO BE VERIFIED.

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

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 4,500 PSI AT 28 DAYS.
3. CONBLOCK CDA RED ADMIXTURE REQUIRED.
4. REINFORCMENT: #5 BAR @ 6" C.C.E.W. PER ASTM A615 (GRADE 60).
4. JOINT SEALANT - 1" CS-102- DOUBLE
5. HATCH: 36" X 42" ALUMINUM HATCH SUPPLIED BY OTHERS & CAST IN TOP SLAB BY ICAST.



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 6"	Height (Ext): 13"	Weight (Net): 1993 lb Volume (Net): 0.51cu.yd
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Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
 Job Location: Fort Mitchell, KY 41017
 Contractor: Lykins Contracting

Plant: 100

3/27/2026 11:39:29 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301535

P2 MH060TS15-48ECC

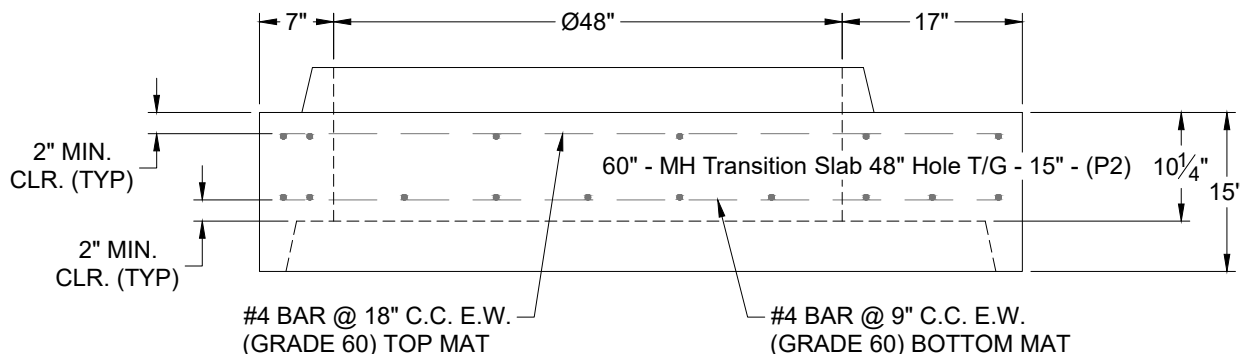
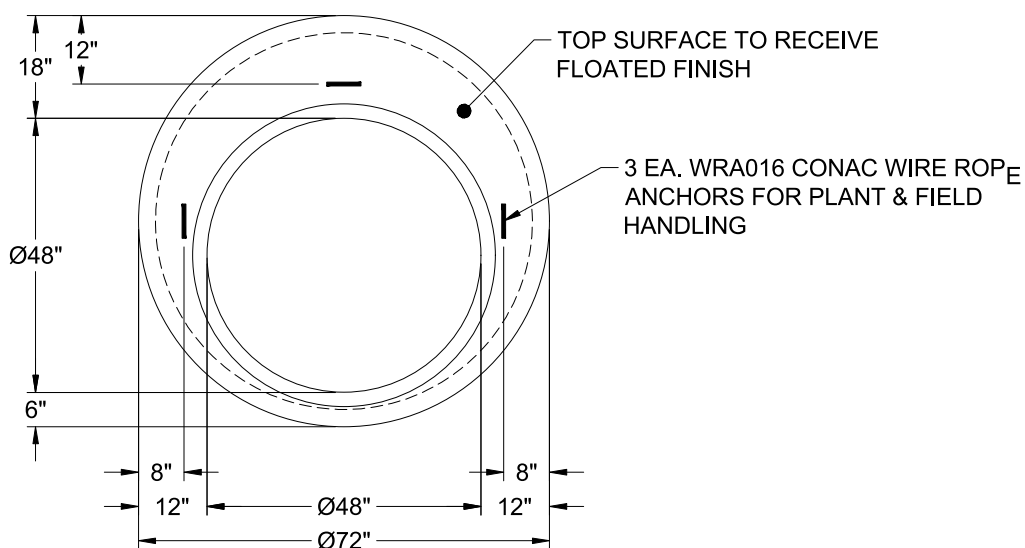
MH Transition Slab 48" Hole T/G

- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - CON CONE w/24" HOLE F/G - 36"
- P3) 48" - MH RISER T/G - 48"
- P2) 60" - MH Transition Slab 48" Hole T/G - 15"
- P1) 60" - MH BASE Custom Ht T/n - 67"
- 1) 60" - MH INVERT CHANNEL - FULL HEIGHT
- 1) 60" - Conseal CS-102 1.00" (Double)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 12) MH Step ML-10-TDS-NCR - 10"

0 lb
 2252 lb
 3353 lb
 2204 lb
 8373 lb
 2692 lb
 0 lb
 0 lb
 2 lb
 0 lb

 Structure Total: 18877 lb

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



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 6"

Height (Ext): 15"

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

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

Plant: 100

Tech: J. Horsley - A

3/26/2026 2:14:38 PM

PC: Celina Goff



Structure ID: 2301542

P2 MH060R60

MH RISER w/DROP T/G

- P6) 24" - CASTING HEIGHT - 7"
- P5) 48" - CON CONE w/24" HOLE F/G - 24"
- P4) 48" - MH RISER T/G - 48"
- P3) 60" - MH Transition Slab 48" Hole T/G - 15"
- P2) 60" - MH RISER w/DROP T/G - 60"
- P1) 60" - MH BASE (10" F) w/DROP Custom Ht T/n - 59"
- 1) 60" - MH INVERT CHANNEL - FULL HEIGHT
- 1) SECONDARY POUR - Add Exterior Drop to Base (P1)
- 1) SECONDARY POUR - Add Exterior Drop to Riser (P2)
- 2) 60" - Conseal CS-102 1.00" (Double)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC
- 16) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 2252 lb
- 3353 lb
- 2204 lb
- 6235 lb
- 11159 lb
- 2692 lb
- 2967 lb
- 2580 lb
- 0 lb
- 0 lb
- 2 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
-
- 33444 lb

Structure Total: 33444 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615
4. STEPS AT 90 DEGREES
5. 7" CASTING SUPPLIED BY OTHERS
6. EXTERIOR DROP AT INVERTS 3 & 4 SUPPLIED BY ICAST

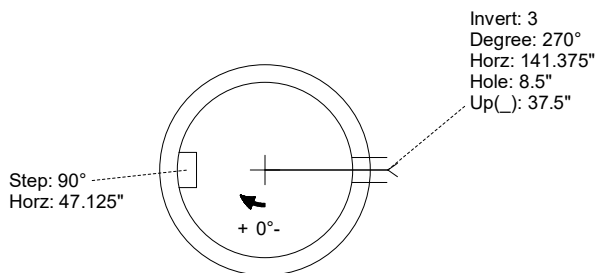
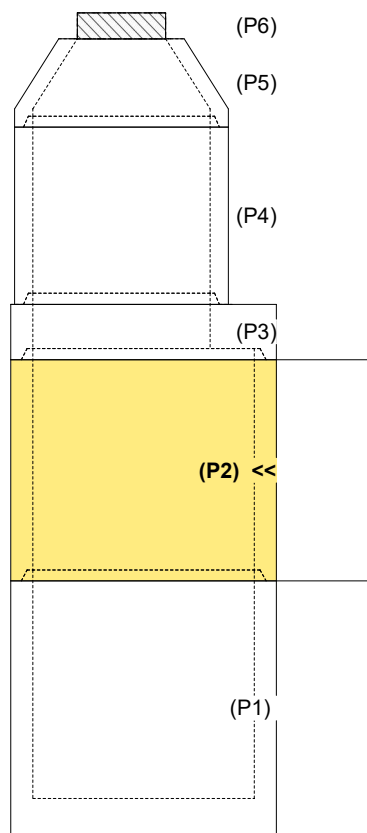
FIRST POUR (RISER): 6,235 LBS

SECOND POUR (DROP): 2,580 LBS

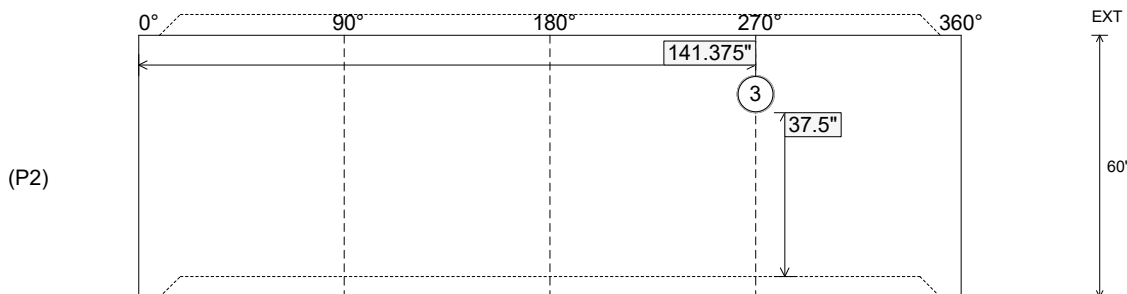
Rim: 751.38' Rim to Invert: 17.53' Slack: 0.36" Sump: 3" Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3	742.06'	270°	169.625"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.529"	37.5"	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: 6"
Floor Height: 0"

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

Weight (Net): 6235 lb
Volume (Net): 1.59cu.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 2:14:38 PM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301542

P2 MH060R60

MH RISER w/DROP T/G

- P6) 24" - CASTING HEIGHT - 7"
- P5) 48" - CON CONE w/24" HOLE F/G - 24"
- P4) 48" - MH RISER T/G - 48"
- P3) 60" - MH Transition Slab 48" Hole T/G - 15"
- P2) 60" - MH RISER w/DROP T/G - 60"
- P1) 60" - MH BASE (10"F) w/DROP Custom Ht T/n - 59"
- 1) 60" - MH INVERT CHANNEL - FULL HEIGHT
- 1) SECONDARY POUR - Add Exterior Drop to Base (P1)
- 1) SECONDARY POUR - Add Exterior Drop to Riser (P2)
- 2) 60" - Conseal CS-102 1.00" (Double)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 1) Drop Tee - 8" PVC
- 1) Drop Elbow - 8" PVC
- 16) MH Step ML-10-TDS-NCR - 10"

0 lb
 2252 lb
 3353 lb
 2204 lb
 6235 lb
 11159 lb
 2692 lb
 2967 lb
 2580 lb
 0 lb
 0 lb
 2 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 33444 lb

- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. EXTERIOR DROP REINFORCEMENT: DRILL & STUB #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. STEPS AT 90 DEGREES
 5. 7" CASTING SUPPLIED BY OTHERS
 6. EXTERIOR DROP AT INVERTS 3 & 4 SUPPLIED BY ICAST
 7. ADD 8" SDR 35 DROP & TEE AT INVERT 3 (270°)

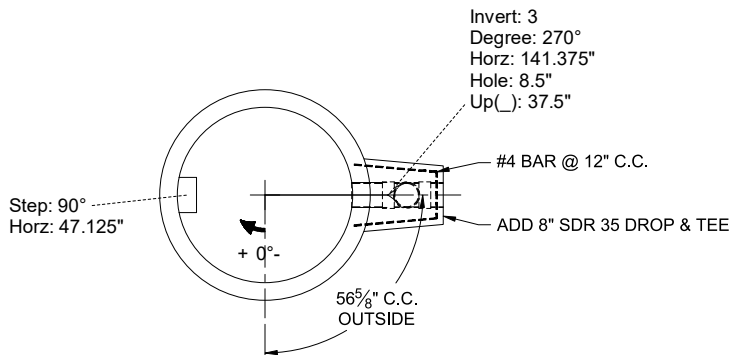
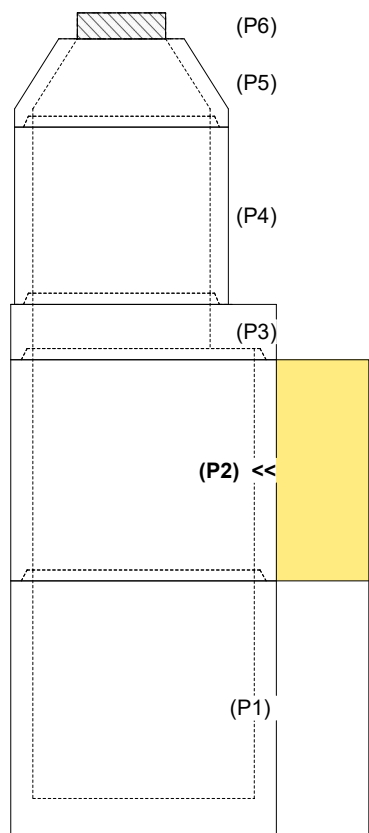
FIRST POUR (RISER): 6,235 LBS

SECOND POUR (DROP): 2,580 LBS

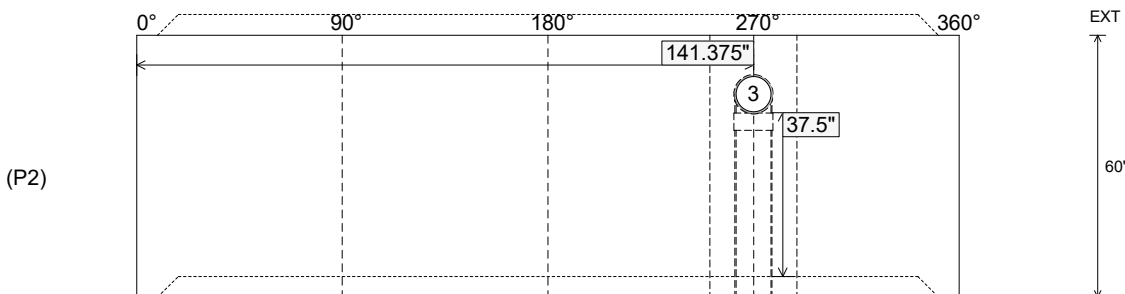
Rim: 751.38' Rim to Invert: 17.53' Slack: 0.36" Sump: 3" Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3	742.06'	270°	169.625"	8" PVC SDR35	8.5"	Drop Tee 8" PVC	8.5"	8.529"	37.5"	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: 6"
 Floor Height: 0"

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

Weight (Net): 6235 lb
 Volume (Net): 1.59cu.yd

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

Plant: 100

Tech: J. Horsley - A

3/20/2026 1:21:14 PM

PC: Celina Goff



Structure ID: 2301536

P1 MH060BAVF

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

- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - CON CONE w/24" HOLE F/G - 36"
- P3) 48" - MH RISER T/G - 72"
- P2) 60" - MH Transition Slab 48" Hole T/G - 15"
- P1) 60" - MH BASE (10"F) Custom Ht T/n - 62"
- 1) 60" - MH INVERT CHANNEL - FULL HEIGHT
- 1) 60" - Conseal CS-102 1.00" (Double)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 14) MH Step ML-10-TDS-NCR - 10"

	0 lb
	2252 lb
	5030 lb
	2204 lb
	8534 lb
	2692 lb
	0 lb
	0 lb
	2 lb
	0 lb
Structure Total:	20715 lb

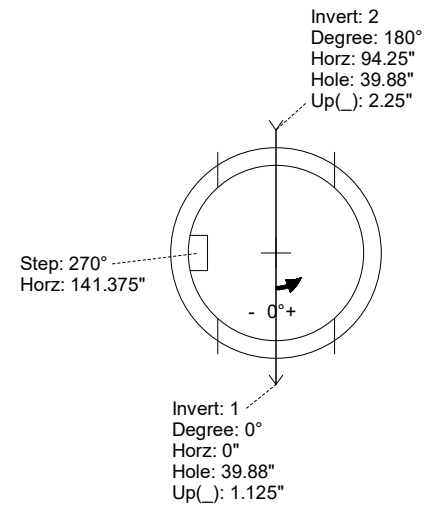
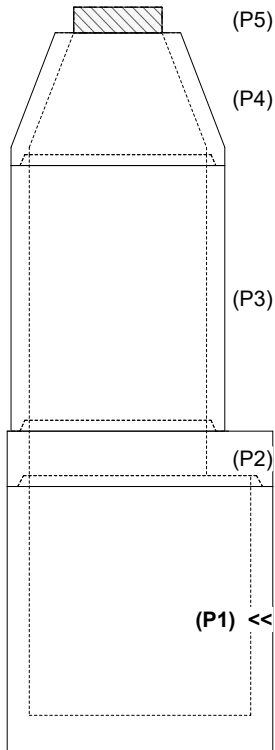
- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT:
 - WALLS: PER ASTM A615 - DOUBLE MAT
 - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. INVERT CHANNEL REQUIRED
 5. STEPS AT 270 DEGREES
 6. 7" CASTING SUPPLIED BY OTHERS

Rim: 746.98' Rim to Invert: 15.97' Slack: 2.64" Sump: 3" Step Position: 270°

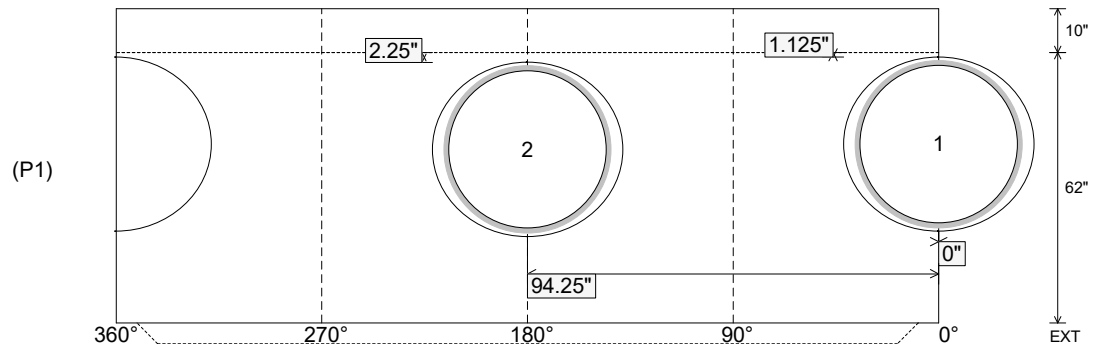
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	731.01'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"
Invert 2	731.11'	180°	113.125"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 10"

Height (Int): 62"
Height (Ext): 72"

Weight (Net): 8534 lb
Volume (Net): 2.18cu.yd

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

Plant: 100

3/20/2026 1:21:14 PM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301536

P1 MH060BAVF

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

- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - CON CONE w/24" HOLE F/G - 36"
- P3) 48" - MH RISER T/G - 72"
- P2) 60" - MH Transition Slab 48" Hole T/G - 15"
- P1) 60" - MH BASE (10"F) Custom Ht T/n - 62"
- 1) 60" - MH INVERT CHANNEL - FULL HEIGHT
- 1) 60" - Conseal CS-102 1.00" (Double)
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) A-Lok - 1235
- 14) MH Step ML-10-TDS-NCR - 10"

0 lb
 2252 lb
 5030 lb
 2204 lb
 8534 lb
 2692 lb
 0 lb
 0 lb
 2 lb
 0 lb

 Structure Total: 20715 lb

Structure Notes:

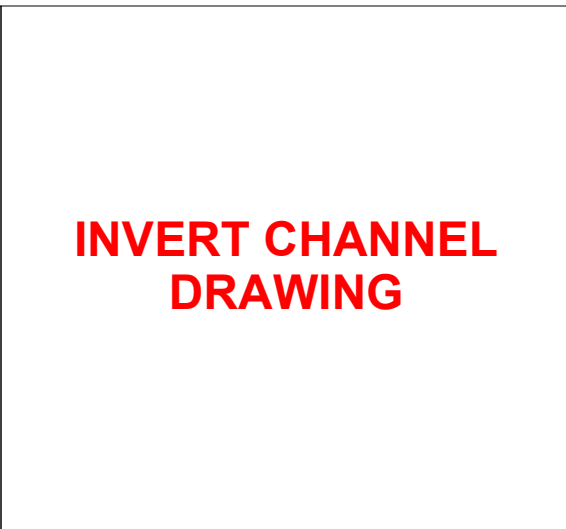
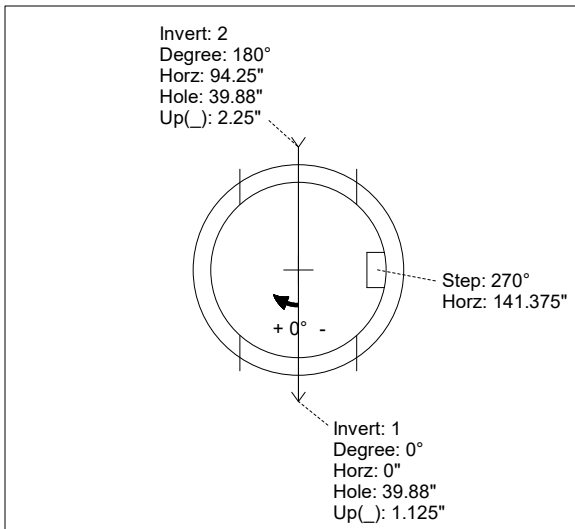
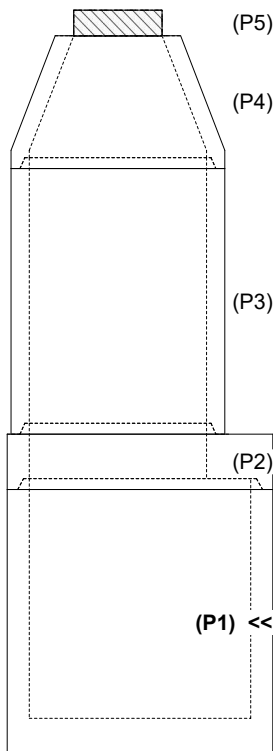
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - WALLS: PER ASTM A615 - DOUBLE MAT
 - FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. INVERT CHANNEL REQUIRED
5. STEPS AT 270 DEGREES
6. 7" CASTING SUPPLIED BY OTHERS

Rim: 746.98' Rim to Invert: 15.97' Slack: 2.64' Sump: 3' Step Position: 270°

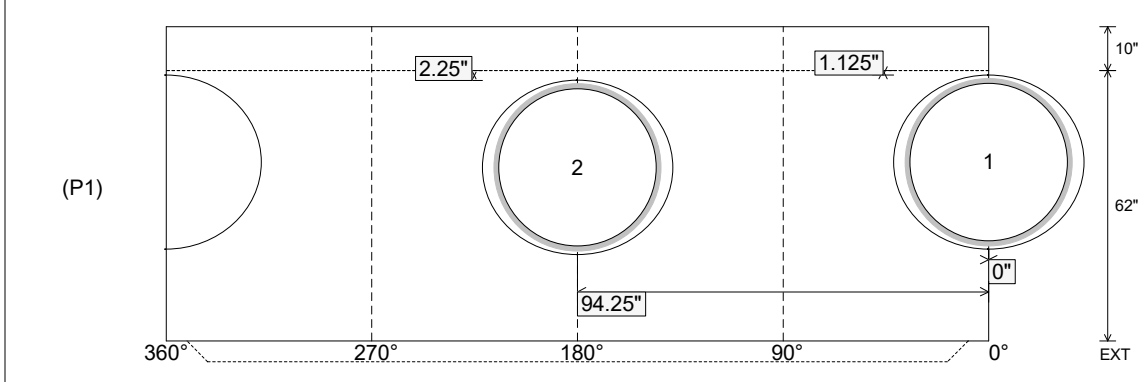
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	731.01'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"
Invert 2	731.11'	180°	113.125"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 10"	Height (Int): 62" Height (Ext): 72"	Weight (Net): 8534 lb Volume (Net): 2.18cu.yd
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Job Name: 26-1227 - Project Colt
 Job Location: Evansville, IN
 Contractor: Russell's Excavating

Plant: 100
 5/12/2026 11:30:21 AM

Tech: Jared - F
 PC: A. Chambers



Structure ID: 109-19 MHK

P1 MH072BAVF

MH BASE Custom Ht F/n

- P3) 24" x 36" - CASTING HEIGHT - 4"
- P2) 72" - MH FLAT TOP w/24"x36" Hole F/F - 10"
- P1) 72" - MH BASE Custom Ht F/n - 72"
- 1) CASTING - HOE 518 F/G
- 1) 72" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 50
- 2) Hole - 6
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb
 4149 lb
 11857 lb
 354 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 16360 lb

Structure Notes:
 1. INDOT MH TYPE K / ASTM C478 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE 518 F/G).

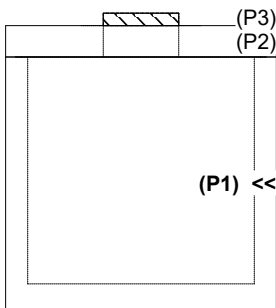
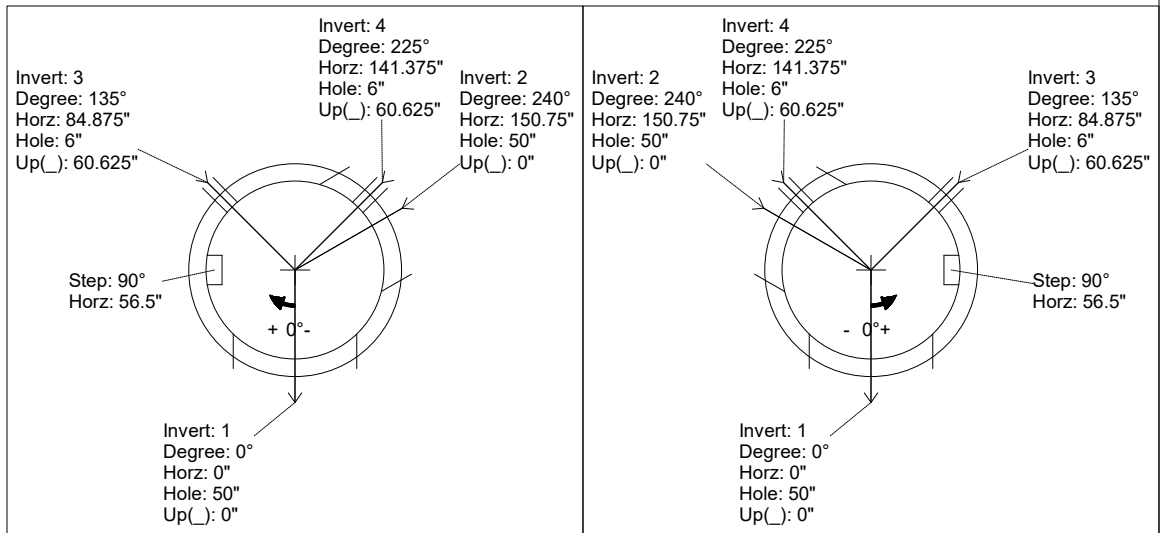
 REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 382.15' Rim to Invert: 6.98' Slack: 0.88" Sump: 3.12" Step Position: 90°

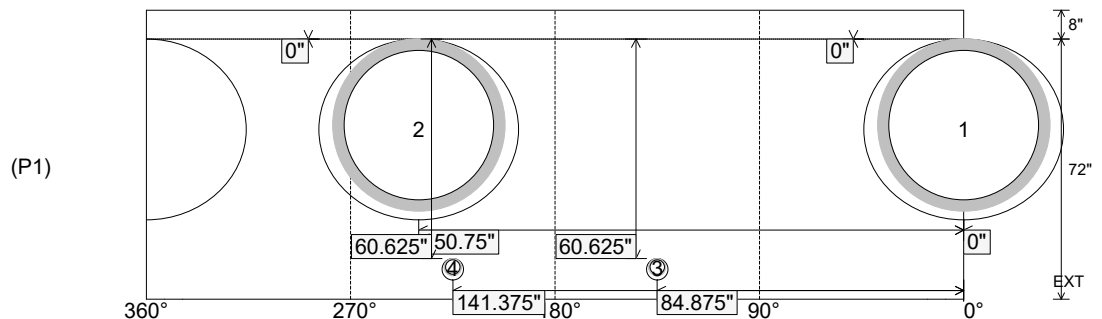
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	375.17'	0°	0"	42" HDPE	47.7"	Hole 50	50"	55.271"	0"	0"
Invert 2	375.17'	240°	180.125"	42" HDPE	47.7"	Hole 50	50"	55.271"	0"	0"
Invert 3	380'	135°	101.375"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.007"	60.625"	0"
Invert 4	380'	225°	168.875"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.007"	60.625"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 7" Floor Height: 8"	Height (Int): 72" Height (Ext): 80"	Weight (Net): 11857 lb Volume (Net): 3.03cu.yd
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Job Name: 25-3452 - Churchill Downs Skye Terrace Improvements
 Job Location: Louisville, KY 40208
 Contractor: Louisville Paving and Construction

Plant: 100
 4/30/2026 1:21:55 PM

Tech: Jared - F
 PC: J. Jarvis



Structure ID: S301

P1 MH072BA84

MH BASE T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 72" - MH FLAT LID w/24in ECC Hole F/G - 15"
- P2) 72" - MH RISER T/G - 24"
- P1) 72" - MH BASE T/n - 84"
- 1) CASTING - HOE MC-420 F/C Storm
- 2) 72" - Conseal CS-102 1.00"
- 1) Hole - 14
- 1) Hole - 38
- 1) Hole - 30
- 1) Hole - 8
- 1) Hole - 44
- 9) MH Step ML-10-TDS-NCR - 10"

0 lb
 5098 lb
 3499 lb
 13953 lb
 340 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

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

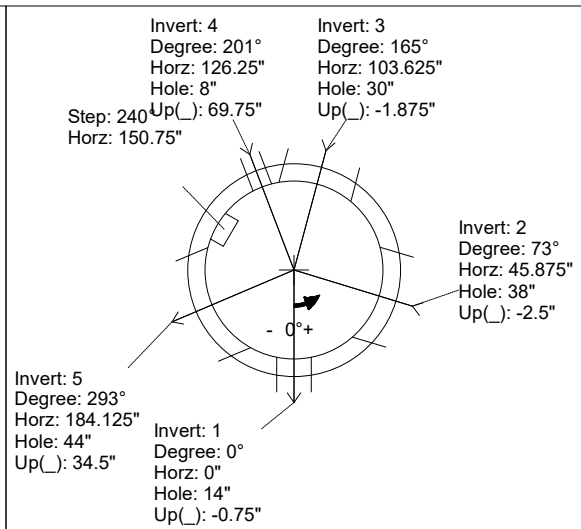
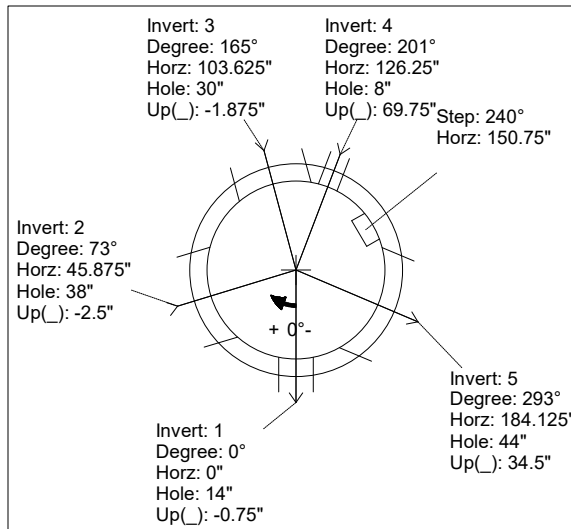
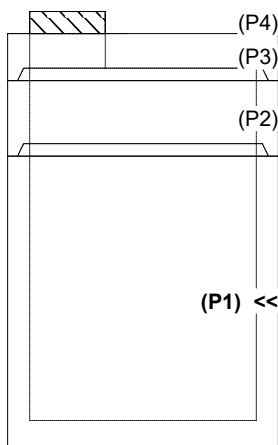
Structure Total: 22890 lb

Rim: 455.98' Rim to Invert: 10.84' Slack: 0.08" Sump: 0" Step Position: 240°

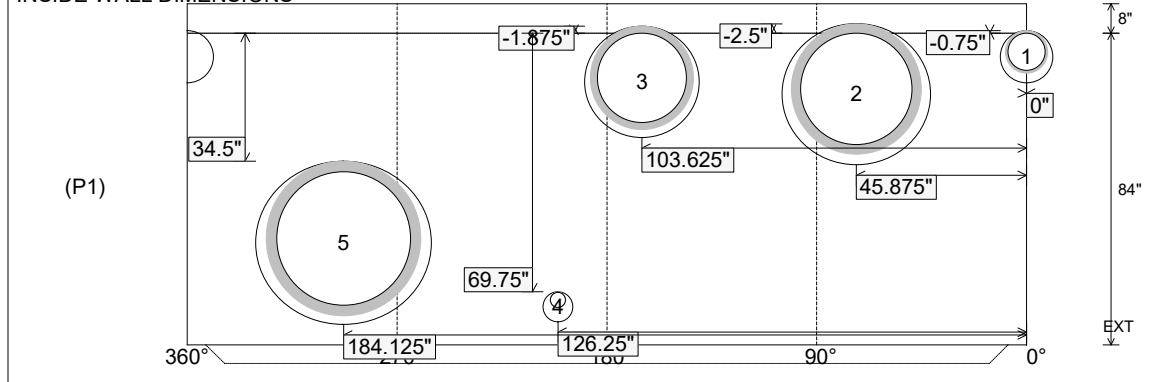
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	445.14'	0°	0"	10" HDPE	11.4"	Hole 14	14"	14.09"	-0.75"	0"
Invert 2	445.14'	73°	54.75"	30" HDPE	35.1"	Hole 38	38"	40.031"	-2.5"	0"
Invert 3	445.14'	165°	123.875"	24" HDPE	27.8"	Hole 30	30"	30.944"	-1.875"	0"
Invert 4	450.96'	201°	150.875"	4" PVC SDR26	4.25"	Hole 8	8"	8.017"	69.75"	0"
Invert 5	448.25'	293°	219.875"	36" HDPE	41.7"	Hole 44	44"	47.337"	34.5"	0"
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 7" Floor Height: 8"	Height (Int): 84" Height (Ext): 92"	Weight (Net): 13953 lb Volume (Net): 3.56cu.yd
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Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
 Job Location: Fort Mitchell, KY 41017
 Contractor: Lykins Contracting

Plant: 100

3/27/2026 11:39:23 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301532

P2 MH072TS15-48ECC

MH Transition Slab 48" Hole T/G

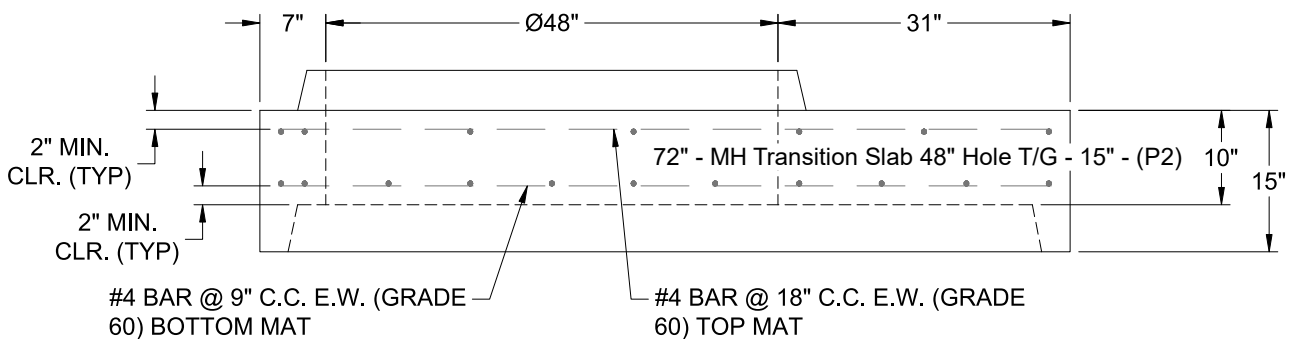
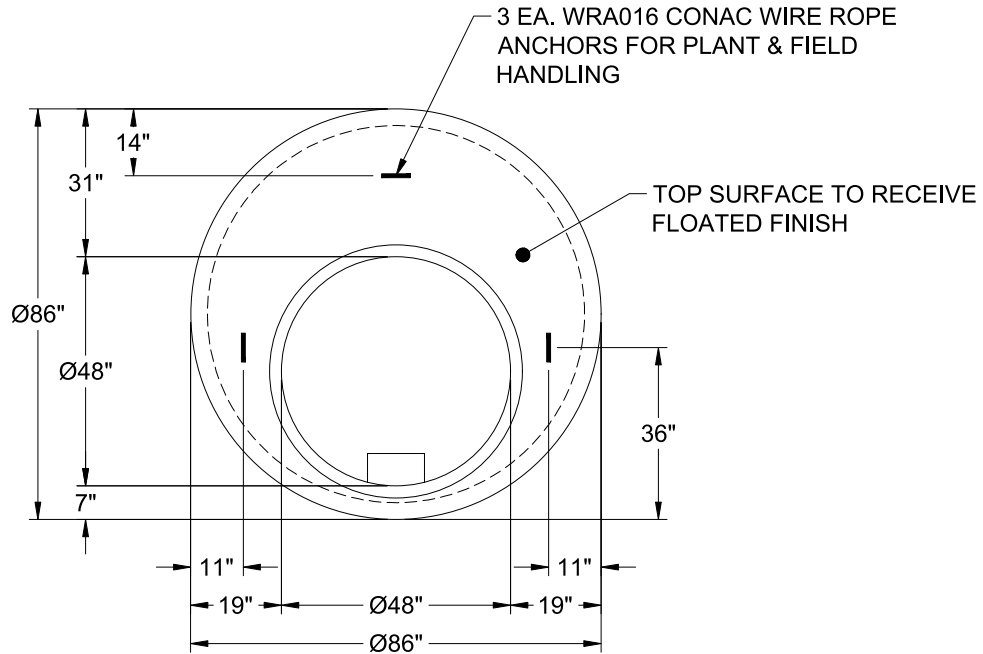
- P5) 24" - CASTING HEIGHT - 7"
- P4) 48" - CON CONE w/24" HOLE F/G - 24"
- P3) 48" - MH RISER T/G - 60"
- P2) 72" - MH Transition Slab 48" Hole T/G - 15"
- P1) 72" - MH BASE T/n - 72"
- 1) 72" - MH INVERT CHANNEL - FULL HEIGHT
- 1) 72" - Conseal CS-102 1.00" (Double)
- 2) 48" - Conseal CS-102 1.00"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

0 lb
 2252 lb
 4192 lb
 3864 lb
 12855 lb
 5422 lb
 0 lb
 0 lb
 2 lb
 0 lb

 Structure Total: 28587 lb

Structure Notes:

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



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 7"

Height (Ext): 15"

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

Structure ID: 10-CS-8

P2 MH096RS72

MH RISER T/G

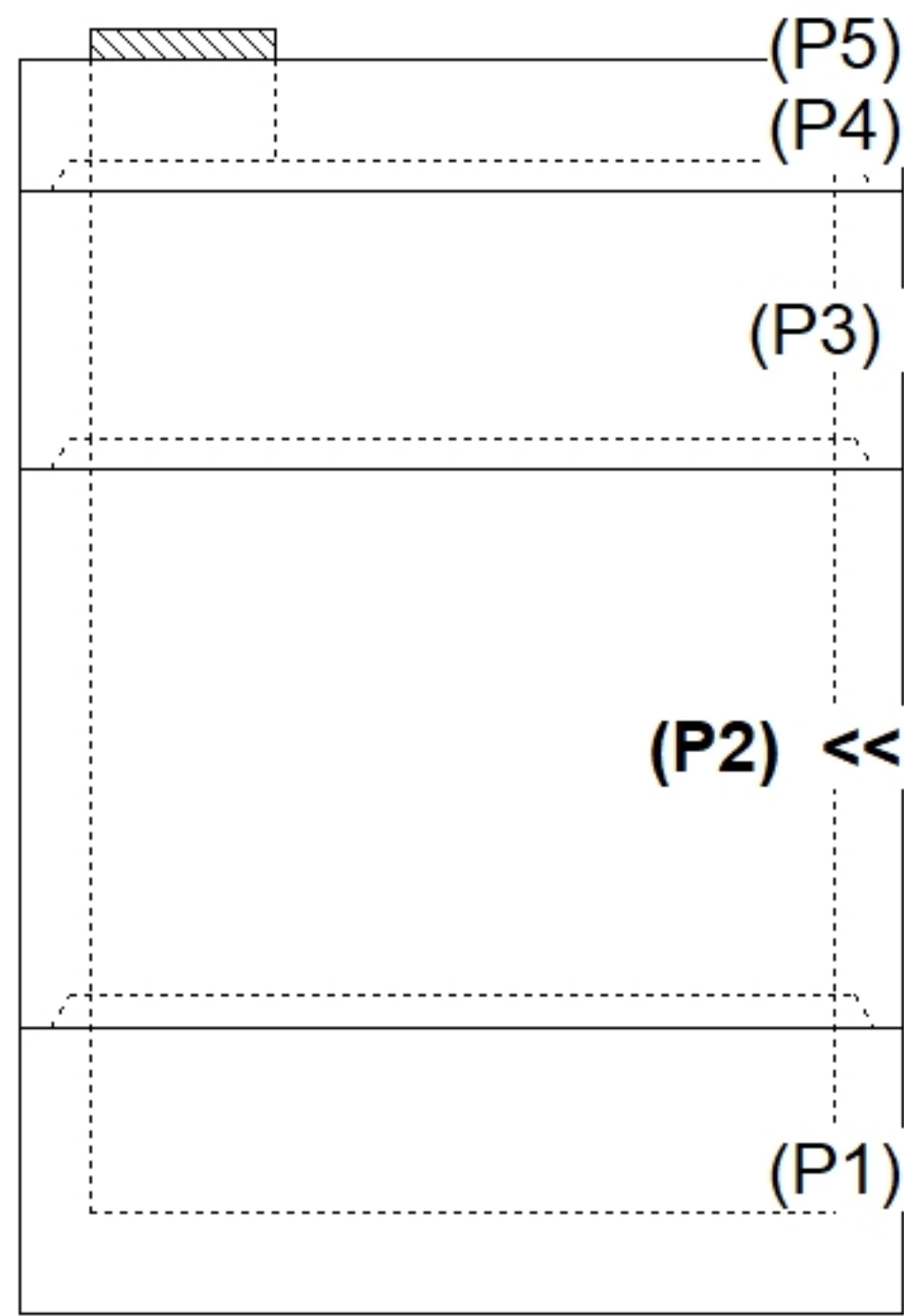
P5) 24" - CASTING HEIGHT - 4" P4) 96" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 17" P3) 96" - MH RISER T/G - 36" P2) 96" - MH RISER T/G - 72" P1) 96" - MH MONOBASE 13F, Custom Ht T/n - 24" 1) CVSTENCILING 1) ASSEMBLY REQUIRED 3) 96" - Conseal CS-102 1.00" 2) Hole - 36	0 lb 10015 lb 8292 lb 17043 lb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

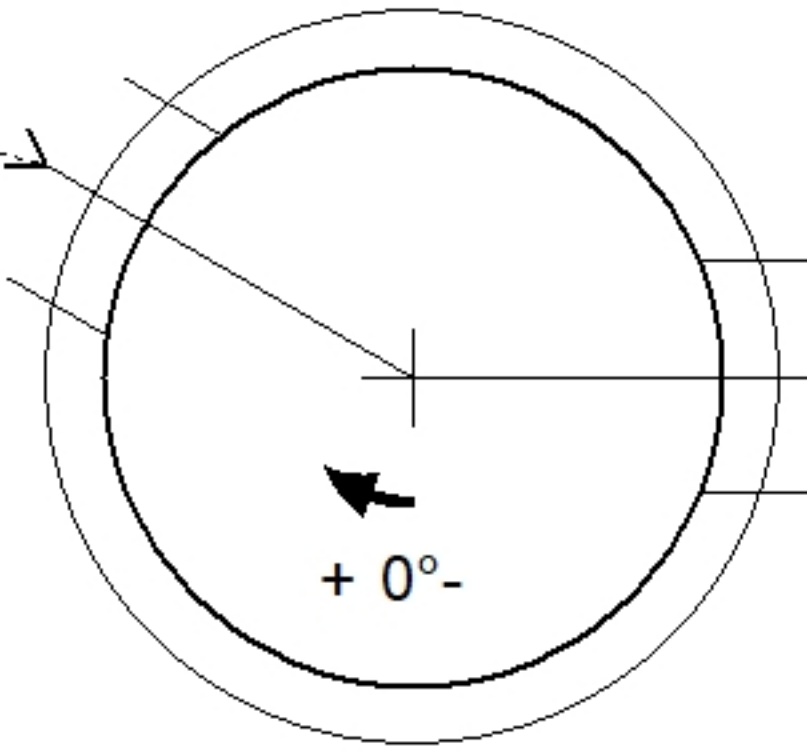
Rim: 928.26' Rim to Invert: 7.2' Slack: 15.444" Sump: 82.044" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	921.06'	270°	268.606"	24" RCP B WALL	30"	Hole 36	36"	36.902"	47.044"	0"
Invert 2	921.06'	120°	119.381"	24" RCP B WALL	30"	Hole 36	36"	36.902"	47.044"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

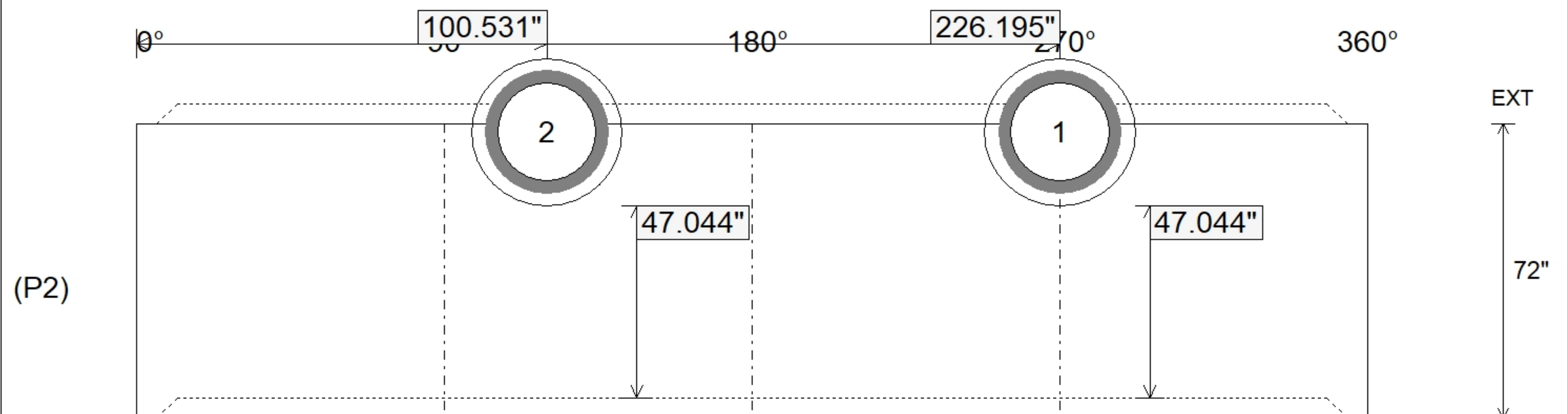


Invert: 2
 Degree: 120°
 Horz: 100.531"
 Hole: 36"
 Up(): 47.044"



Invert: 1
 Degree: 270°
 Horz: 226.195"
 Hole: 36"
 Up(): 47.044"

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 9" Floor Height: 0"	Height (Int): 72" Height (Ext): 72"	Weight (Net): 17043 lb Volume (Net): 4.35cu.yd
----------------------------------	------------------------------------	--	--	---

Job Name: 26-2037 830068 Marketplace
 Job Location: Georgetown, KY
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam
 4/23/2026 11:53:37 AM

Tech: S. Felletter
 PC: S. Goff



Structure ID: 20-CS-8

P4 MH096LD18SP

MH FLAT TOP SPEC. (2 - 24"ø F&G) F/G

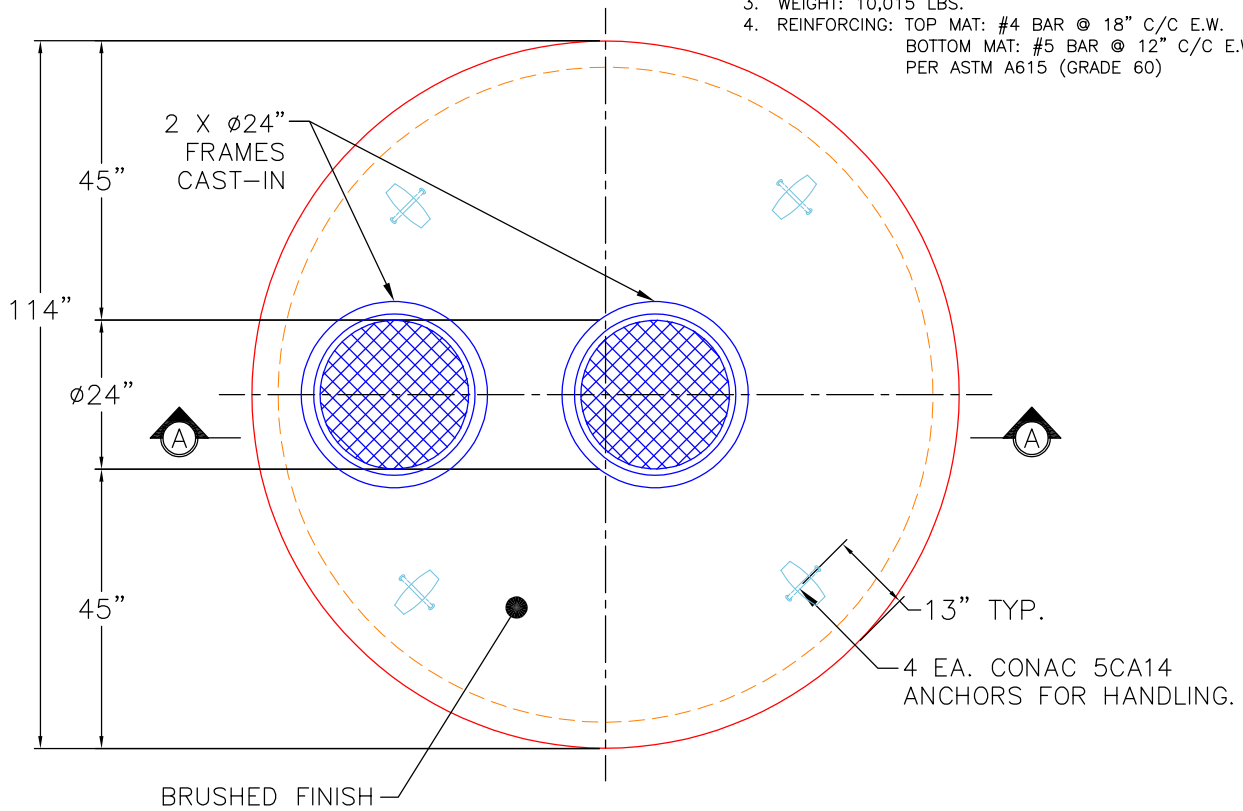
- P5) 24" - CASTING HEIGHT - 0"
- P4) 96" - MH FLAT TOP SPEC. (2 - 24"ø F&G) F/G - 17"
- P3) 96" - MH RISER T/G - 36"
- P2) 96" - MH RISER Custom Ht T/G - 82"
- P1) 96" - MH MONOBASE 13F, Custom Ht T/n - 24"
- 1) CVSTENCILING
- 1) ASSEMBLY REQUIRED
- 3) 96" - Conseal CS-102 1.00"
- 2) Hole - 24"

0 lb
 10017 lb
 8968 lb
 19728 lb
 17113 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 55826 lb

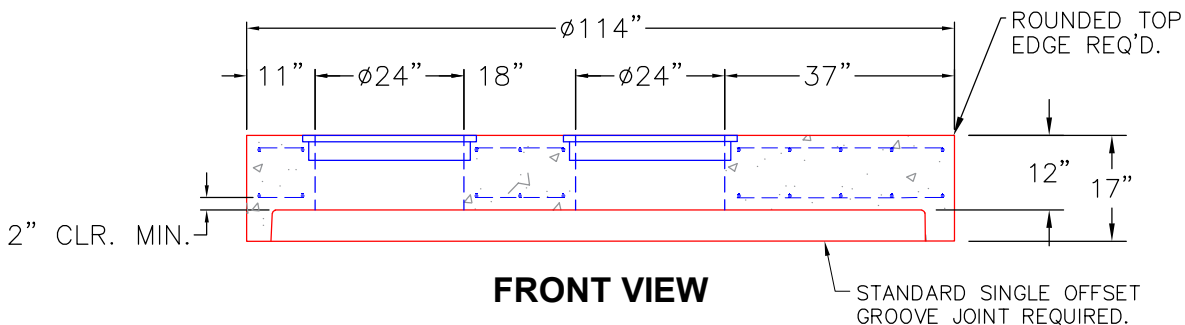
Structure Notes:
 4" CASTING BY OTHERS
 CASTING FRAMES TO BE CAST INTO TOP SLAB
 LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE
 ICAST TO INSTALL THE INTERNALS
 CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE

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"

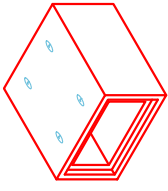
Weight (Net): 10017 lb
 Volume (Net): 2.47cu.yd



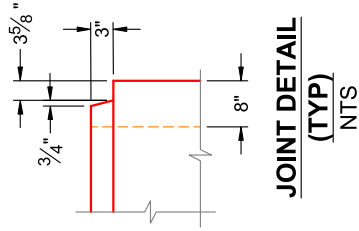
Structure ID: BC 4 x 2 (PC 3)

P1 BC048024-08WLF

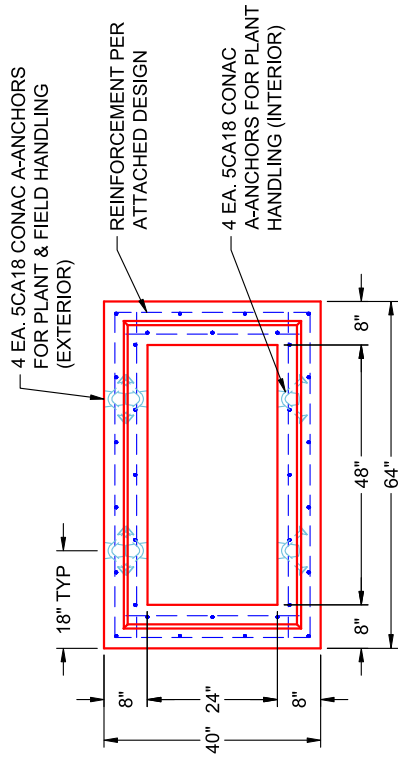
BOX CULVERT (08W/08F/08T) No Haunch G/T



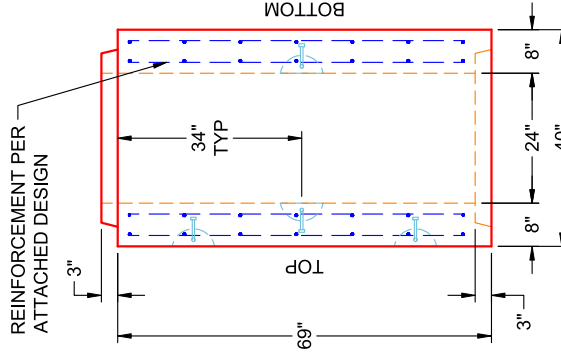
COMPONENT ISOMETRIC VIEW



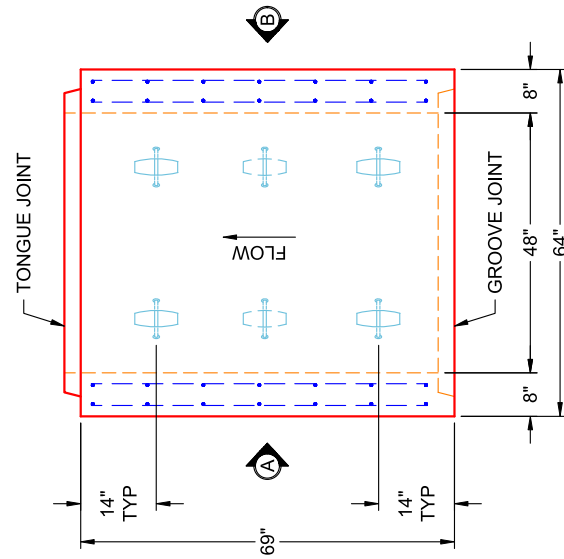
JOINT DETAIL (TYP) NTS



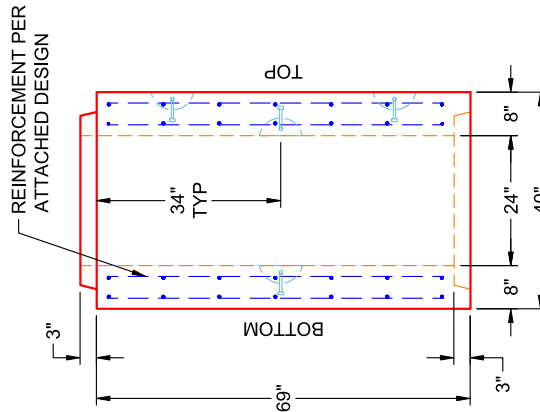
END VIEW TYPICAL



VIEW B PC 3 (UPRIGHT IN MOLD)



PLAN VIEW PC 3 (UPRIGHT IN MOLD)



VIEW A PC 3 (UPRIGHT IN MOLD)

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-1577 & SECTION 714 OF INDOT STANDARD SPECIFICATIONS FOR REINFORCED CONCRETE BOX STRUCTURES
2. LOAD REQUIREMENTS: HL93
3. REINFORCEMENT PER ATTACHED DESIGN
4. COVER DEPTH: 4'-8"
5. CONCRETE: 5,000 PSI AT 28 DAYS
6. JOINT SEALANT: 1" BUTYL MASTIC (CS-102) EXTERIOR JOINT WRAP: 12" WIDE (CS-212)
7. WEIGHT: 4' X 2' (48" X 24") RCBC = 1,418 LBS / LF (69" LONG SECTION = 8,152 LBS)

INFRASTRUCTURE PRECAST (ICAST)

Sht _____ of _____
 By: J. Horsley
 Ck: _____
 5/11/2026 4:10:17 PM
 p. 1 of 3

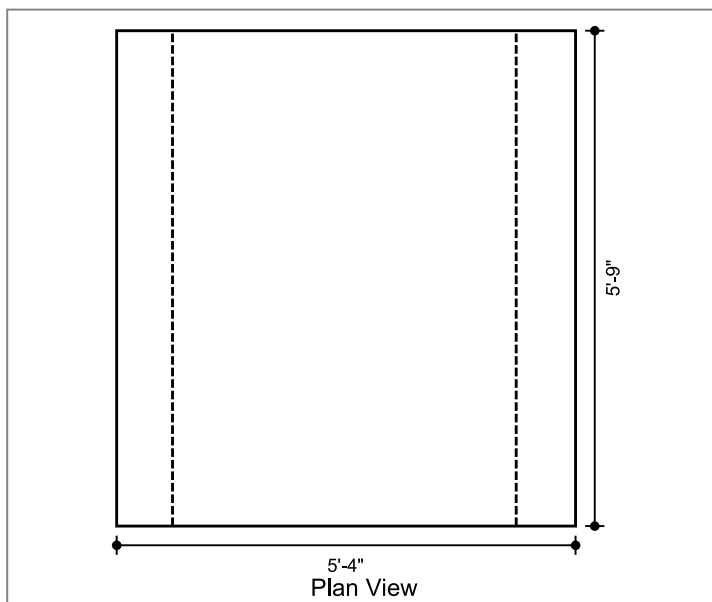
Project : Alcoa Outfall
 Task :
 Job No. : 25-2073

Client: Bowen Engineering Co
 File: 4x2 BC Four Sided (no haunch) - 25-2073 Alcoa Outfall

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

Physical Dimensions

Clear Span: 4'-0"
 Clear Height: 2'-0"
 Top Slab: 8"
 Bottom Slab: 8"
 Ext. Wall: 8"
 Fill Depth Range
 Maximum: 7.99 ft
 Minimum: 4.00 ft
 Increment: 0.50 ft
 Length: 5'-9"
 Skew Angle: 0.00 deg
 Bottom Slab Support: Full Slab
 Top Haunch, Width: 0"
 Top Haunch, Height: 0"
 Bottom Haunch, Width: 0"
 Bottom Haunch, Height: 0"



Material Properties

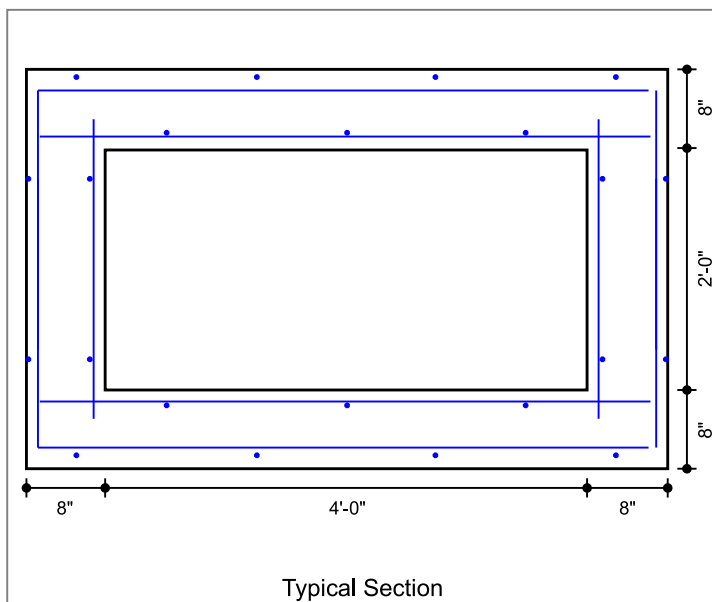
Concrete
 Strength, f_c: 5.000 ksi
 Density: 0.150 kcf
 Elasticity, E_c: 3834 ksi
 Type: Normal wt

Steel
 Yield, f_y: 60 ksi
 Allow Stress: 36 ksi
 Elasticity, E_s: 29000 ksi

Soil
 Density: 0.120 kcf

Exposure Factor
 Class 2 Exposure

Reinforcement Covers
 Ext. Cover Top Slab: 2"
 Ext. Cover Bottom Slab: 1"
 Ext. Cover Walls: 1"
 Int. Cover Walls: 1"
 Int. Cover Top Slab: 1"
 Int. Cover Bottom Slab: 1"



Controlling Ratings

Inventory Rating: NaN
 Operating Rating: NaN

Loads

Live Load
 Vehicle Names: HL-93
 Traffic Direction: Parallel
 Eq. Height of Soil: Calculated

Dead Load
 Future Wearing Surface: 0.000 klf
 Additional Dead Load: 0.000 klf
 Concentrated Loads: none

Lateral Soil Loads
 Eq. Fluid Press. Max: 60.00 pcf
 Eq. Fluid Press. Min: 30.00 pcf

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

INFRASTRUCTURE PRECAST (ICAST)

Sht _____ of _____

By: J. Horsley

Ck: _____

5/11/2026 4:10:17 PM

etc of 3

Project : Alcoa Outfall

Task :

Client: Bowen Engineering Co

Job No. : 25-2073

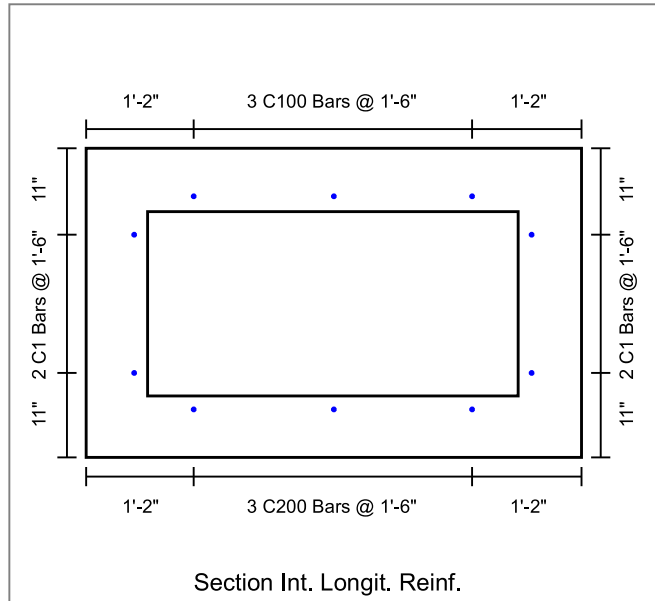
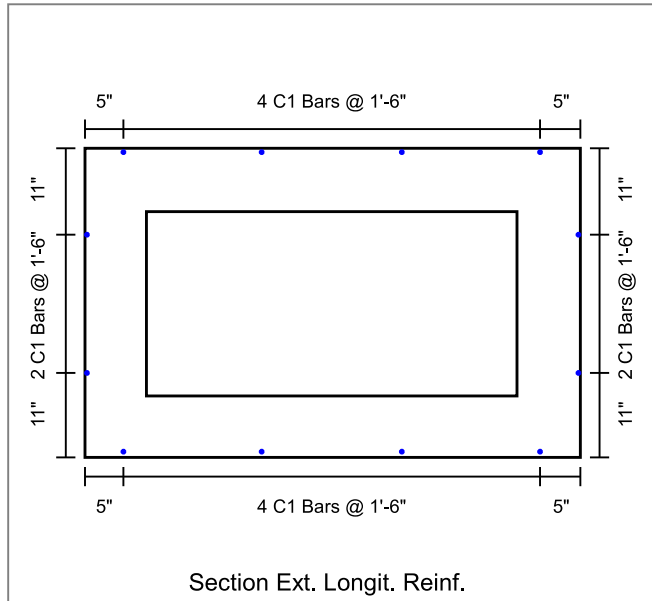
File: 4x2 BC Four Sided (no haunch) - 25-2073 Alcoa Outfall

Concrete Summary

Volume of Concrete: 0.362 cy/ft Total Volume of Concrete: 2.082 cy

Reinforcing Steel Bar Schedule (lb)

Location	Mark	Qty	Size	Spacing	Type	Length	Center	Ver.Leg	Tot.Weight
Top Slab(Int)	A100 (AS2)	6	4	1'-0"	S	5'-1"	--	--	20.0
Bot Slab(Int)	A200 (AS3)	6	4	1'-0"	S	5'-1"	--	--	20.0
Corner(Top)	A1 (AS1)	6	4	1'-0"	U	9'-5"	5'-1"	2'-2"	38.0
Corner(Bot)	A2 (AS1)	6	4	1'-0"	U	9'-7"	5'-1"	2'-3"	38.0
Wall(Int)	B1 (AS4)	12	4	1'-0"	S	2'-6"	--	--	20.0
Longit. Top (Int)	C100 (AS5)	3	3	1'-6"	S	5'-8"	--	--	6.0
Longit. Bot (Int)	C200	3	3	1'-6"	S	5'-8"	--	--	6.0
Longit. Top (Ext)	C1 (AS6)	4	3	1'-6"	S	5'-8"	--	--	8.6
Longit. Bot (Ext)	C1 (AS6)	4	3	1'-6"	S	5'-8"	--	--	8.6
Longit. Wall (Ext)	C1 (AS6)	4	3	1'-6"	S	5'-8"	--	--	8.6
Longit. Wall (Int)	C1 (AS6)	4	3	1'-6"	S	5'-8"	--	--	8.6
									182



INFRASTRUCTURE PRECAST (ICAST)

Sht _____ of _____

By: J. Horsley

Ck: _____

5/11/2026 4:10:17 PM

Project : Alcoa Outfall

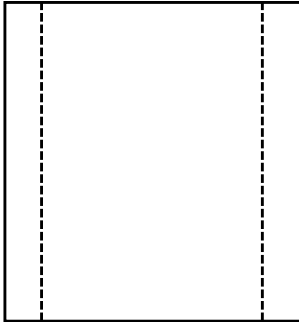
Client: Bowen Engineering Co

Task :

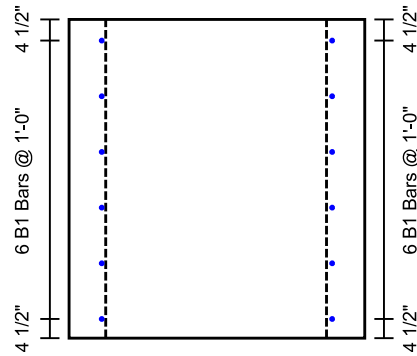
File: 4x2 BC Four Sided (no haunch) - 25-2073 Alcoa Outfall

Job No. : 25-2073

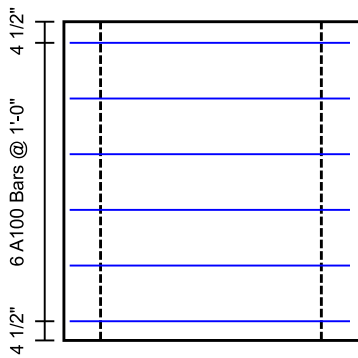
Page 1 of 3



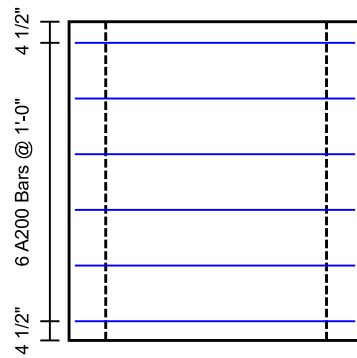
Ext. Wall Reinf.



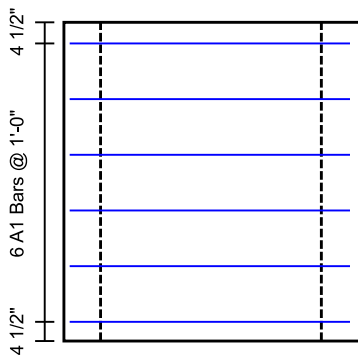
Int. Wall Reinf.



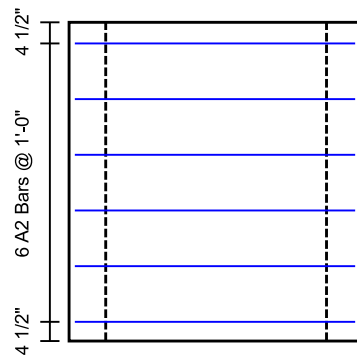
Top Slab Int. Reinf.



Bottom Slab Int. Reinf.



Top Slab Corner Reinf.



Bottom Slab Corner Reinf.

Structure ID: 81

P2 BX2430-08R36

BOX RISER 8inW F/G

- P4) 15" x 27" - P.I.P. - BY OTHERS - 8"
- P3) 24" x 30" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8"
- P2) 24" x 30" - BOX RISER 8inW F/G - 36"
- P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht T/n - 44"
- 2) 24" x 30" - Conseal CS-102 1.00"
- 1) 15" x 27" - Conseal CS-102 1.00"
- 3) Hole - 20
- 1) Hole - 18
- 2) Hole - 4

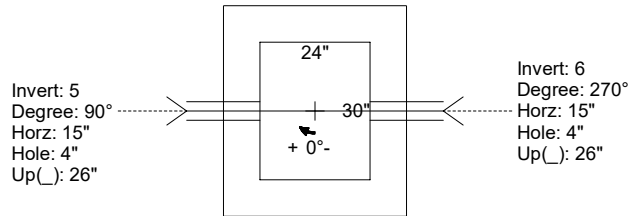
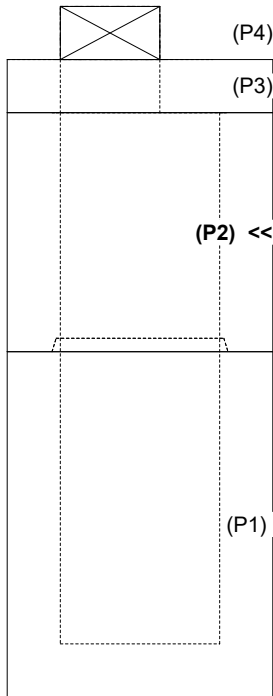
0 lb
 963 lb
 3366 lb
 4540 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 8870 lb

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

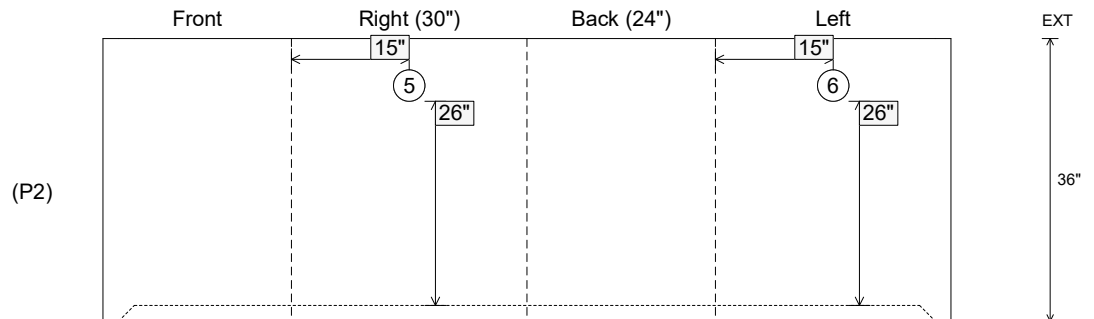
Rim: 551.24' Rim to Invert: 8' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5	549.24'	90°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	26"	0"
Invert 6	549.24'	270°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	26"	0"
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 8" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 3366 lb Volume (Net): 0.86cu.yd
----------------------------------	----------------------------------	--	--	--

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/17/2025 5:02:11 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

Structure ID: AF1

P1 BX2828-06BA36

BOX BASE 6inW, 6inF F/n

- P2) 28" x 28" - CASTING HEIGHT - 6"
- P1) 28" x 28" - BOX BASE 6inW, 6inF F/n - 36"
- 1) Conseal CS-102 1.00" (Single)
- 1) CASTING - JBS 3080-V SET (F/G/H)
- 1) Hole - 24

	0 lb
	3043 lb
	0 lb
	500 lb
	0 lb
Structure Total:	3543 lb

- Structure Notes:**
- PER ASTM C913 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - NO STEPS AND NO INVERT CHANNEL.
 - CASTING BY I-CAST (JBS 3080-V SET (F/G/H)).

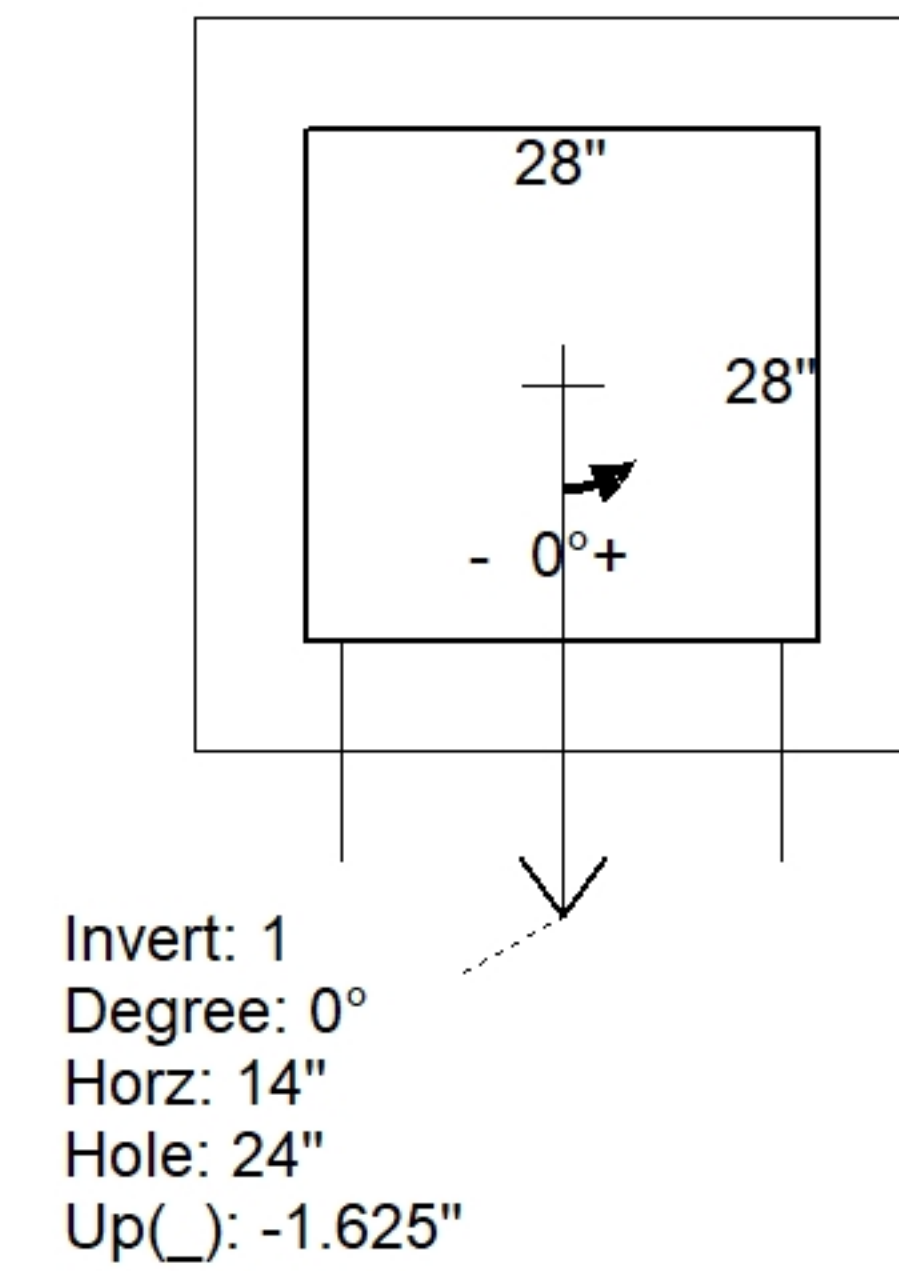
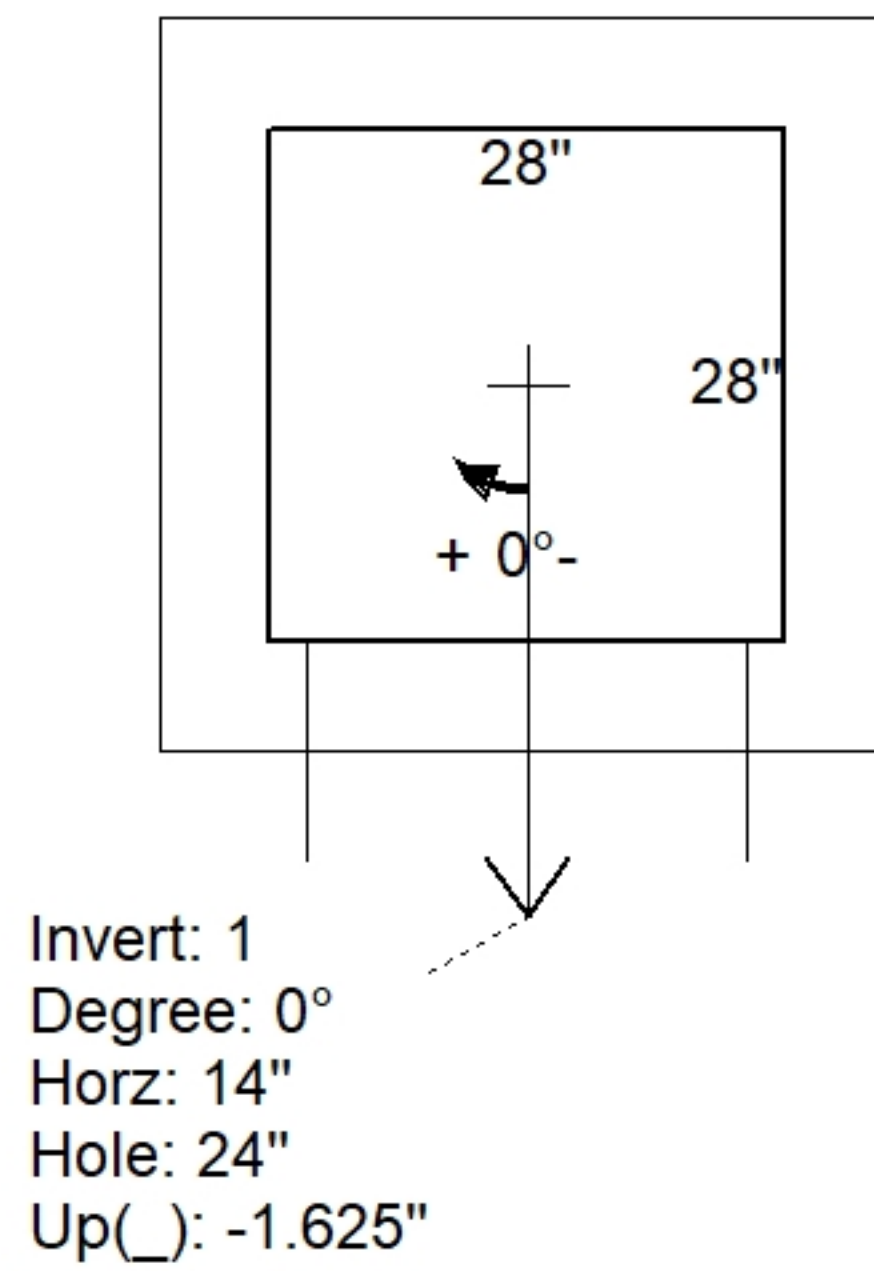
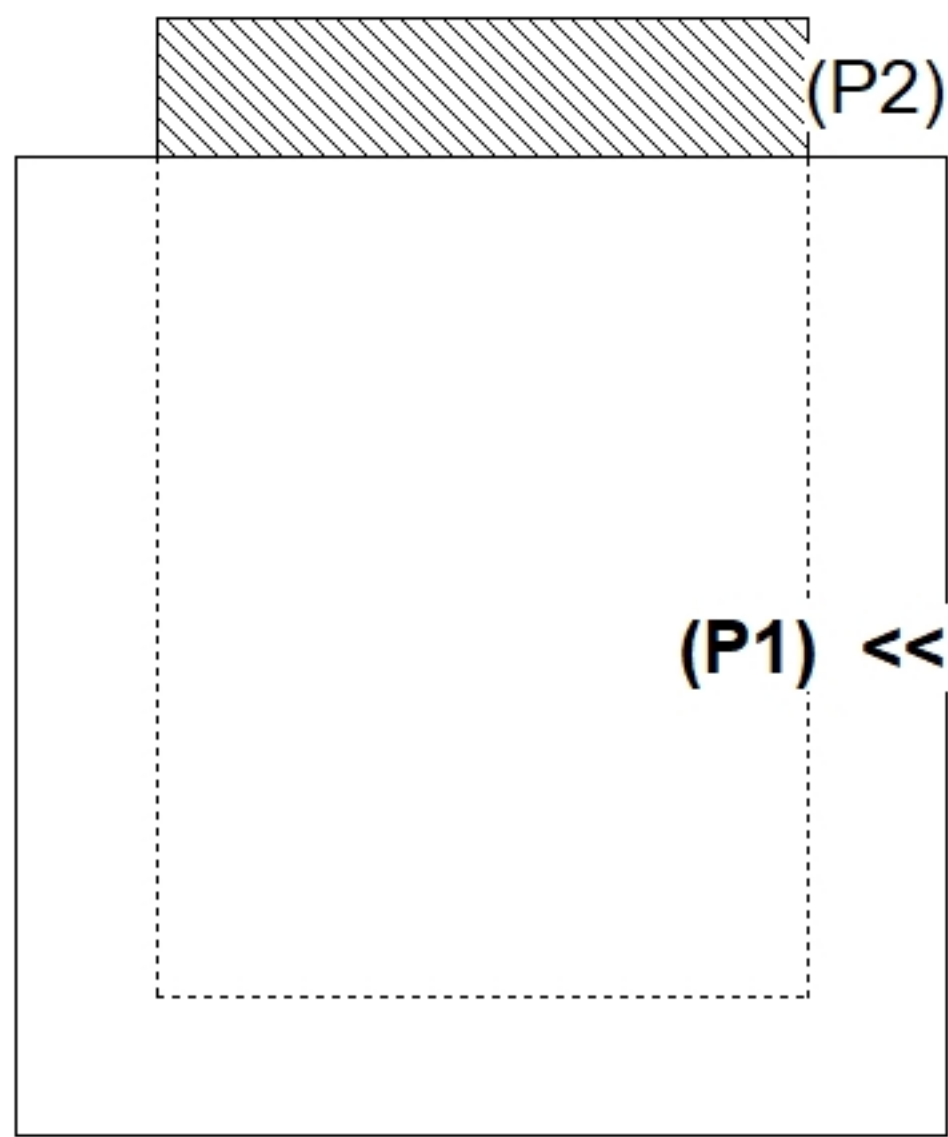
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 507.24' Rim to Invert: 3.5' Slack: 0" Sump: 0" Step Position:

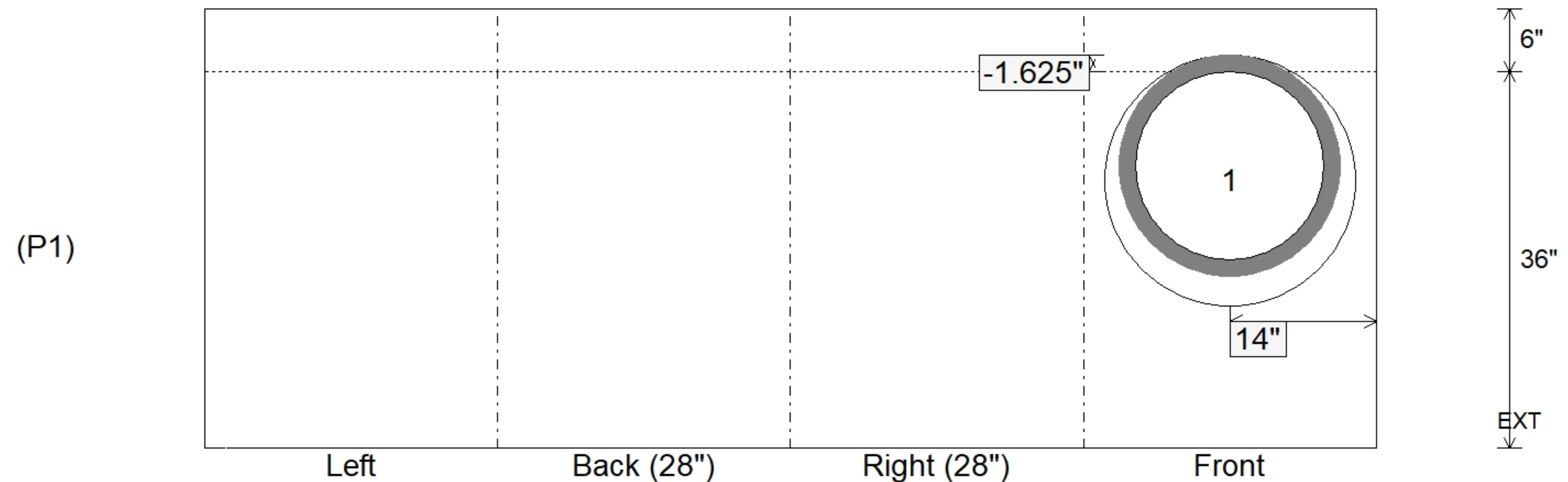
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	503.74'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Flat	Wall Thickness: 6"	Height (Int): 36"	Weight (Net): 3043 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 42"	Volume (Net): 0.78cu.yd

Job Name: 25-2952 - KYTC Jefferson Co Call 106 (251315)	Plant: 100	Tech: J. Horsley - A
Job Location: Indiana, KY	5/12/2026 1:01:09 PM	PC: J. Jarvis
Contractor: Louisville Paving and Construction		



Structure ID: 124

P2 BX1818-06RVF

BOX RISER 6inW, Variable Ht F/G

- P3) 18" x 18" - CASTING HEIGHT - 4"
- P2) 18" x 18" - BOX RISER 6inW, Variable Ht F/G - 20"
- P1) 18" x 18" - BOX BASE 6inW, 6inF T/n - 24"
- 2) 18" x 18" - Conseal CS-102 1.00"
- 1) Hole - 16

0 lb
 967 lb
 1512 lb
 0 lb
 0 lb

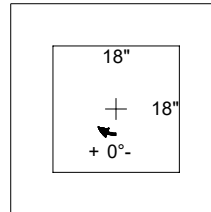
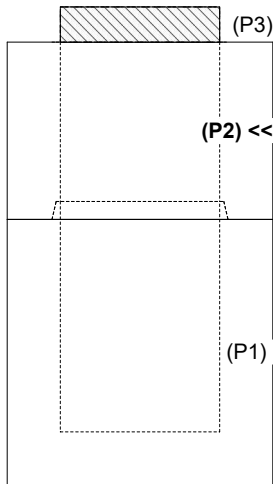
 Structure Total: 2479 lb

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

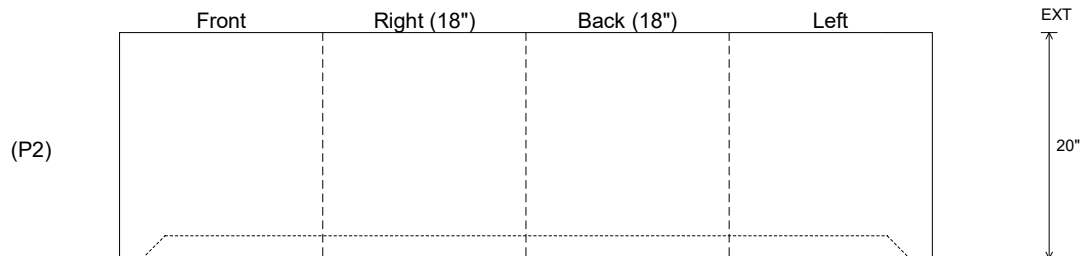
Rim: 569' Rim to Invert: 4' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
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: Flat	Wall Thickness: 6"	Height (Int): 20"	Weight (Net): 967 lb
Coating (Ext):	Seam Dn: Groove	Floor Height: 0"	Height (Ext): 20"	Volume (Net): 0.25cu.yd

Job Name: 25-3600 Signet FCU
 Job Location: Paducah, KY
 Contractor: Ainsworth Land Development, LLC

Plant: Beaver Dam
 5/8/2026 8:06:24 AM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: OC1

P1 BX24240606VF

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

- P2) 24" x 24" - CASTING HEIGHT - 0"
- P1) 24" x 24" - BOX BASE 6inW, 6inF, Variable Ht F/n - 39"
- 1) CASTING - TRASHRACKS LSQ-24 Sq. Top Mount Trash Rack
- 1) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 26
- 1) Hole - 10
- 2) Weir n/n - 18"x6"

0 lb
 2660 lb
 108 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 2768 lb

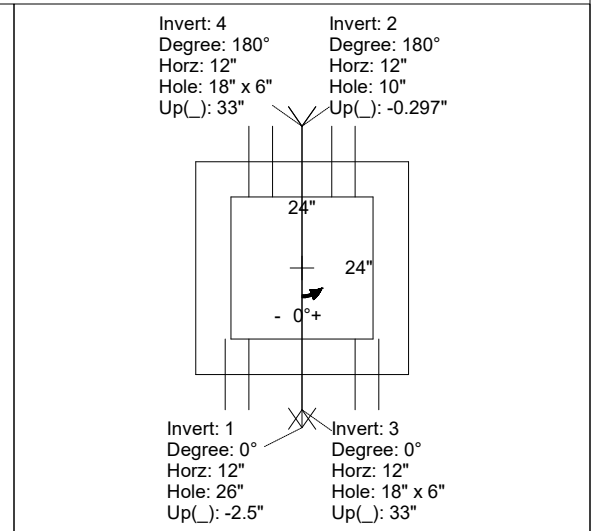
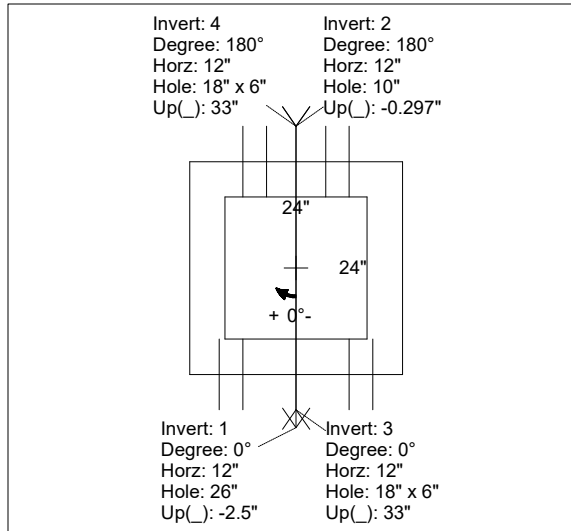
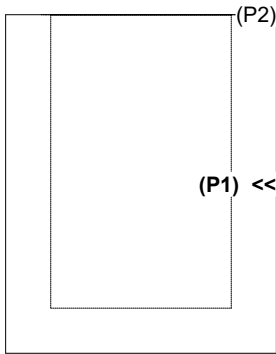
- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 335.6' Rim to Invert: 3.25' Slack: 0' Sump: 0' Step Position:

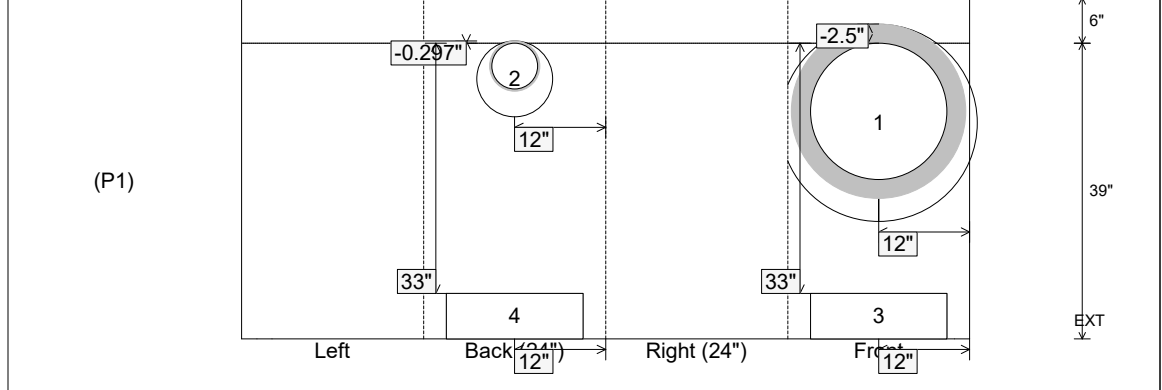
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	332.35'	0°	18"	18" RCP B WALL	23"	Hole 26	26"	25"	-2.5"	0"
Invert 2	332.35'	180°	18"	6" PVC SCH40	6.625"	Hole 10	10"	10"	-0.297"	0"
Invert 3	335.1'	0°	18"	18" x 6" Weir	18" x 6"	Weir 18"x6"	18" x 6"	18"	33"	0"
Invert 4	335.1'	180°	18"	18" x 6" Weir	18" x 6"	Weir 18"x6"	18" x 6"	18"	33"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 39" Height (Ext): 45"	Weight (Net): 2660 lb Volume (Net): 0.68cu.yd
----------------------------------	-------------------------------	--	--	--

Job Name: 25-4299 - Seneca High School
 Job Location: Louisville, KY
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: 100
 2/13/2026 10:05:00 AM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: A25

P1 BX2436-08BA18

BOX BASE 8inW, 8inF F/n

P2) 24" x 36" - CASTING HEIGHT - 6"
 P1) 24" x 36" - BOX BASE 8inW, 8inF F/n - 18"
 1) 24" x 36" - Conseal CS-102 1.00"
 2) Hole - 16

0 lb
 2954 lb
 0 lb
 0 lb

 Structure Total: 2954 lb

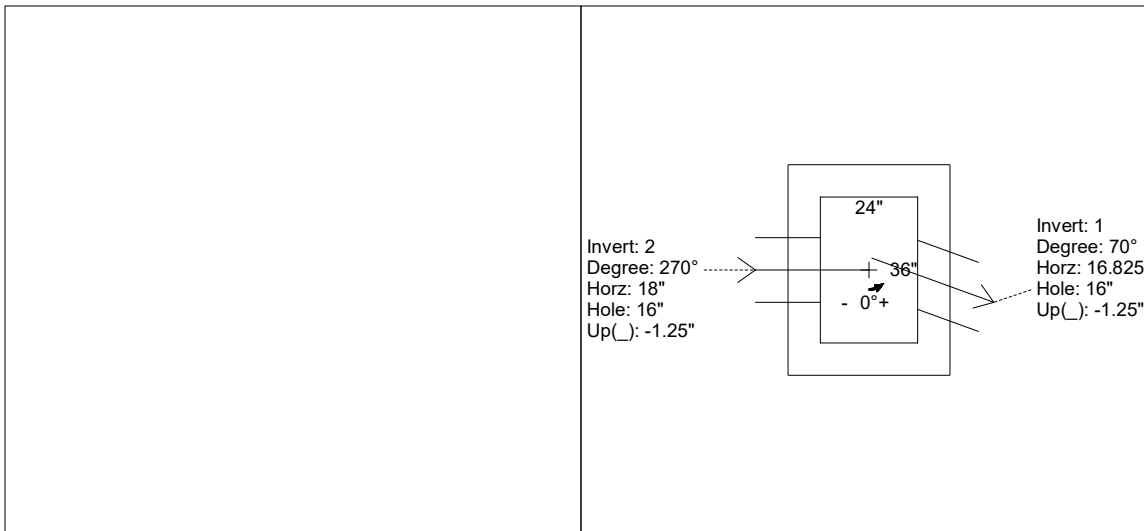
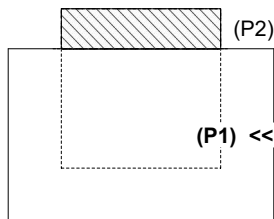
- Structure Notes:**
1. PER LOUISVILLE MSD / ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 470 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS

Rim: 485.2' Rim to Invert: 2.05' Slack: 0.6" Sump: 0" Step Position:

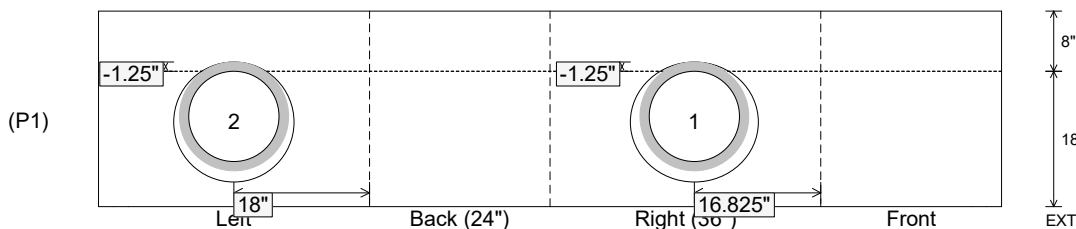
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	483.15'	70°	21.913"	12" HDPE	14.5"	Hole 16	16"	17.027"	-1.25"	3"
Invert 2	483.15'	270°	26"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

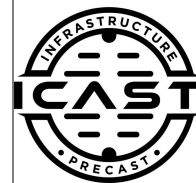
Height (Int): 18"
 Height (Ext): 26"

Weight (Net): 2954 lb
 Volume (Net): 0.76cu.yd

Job Name: 25-4299 - Seneca High School
 Job Location: Louisville, KY
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: 100
 2/13/2026 10:04:56 AM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: A22

P1 BX2436-08BVF

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

- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 22"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 20
- 1) Hole - 16
- 1) Hole - 10

0 lb
 3243 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 3243 lb

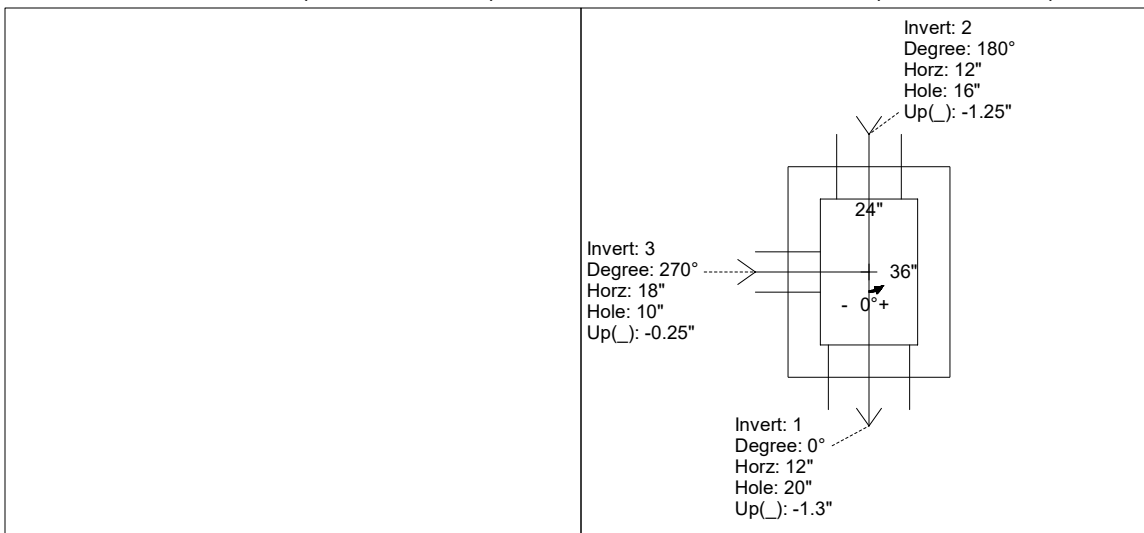
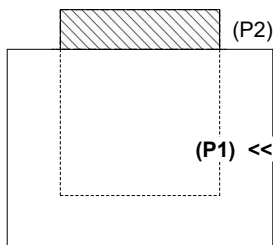
- Structure Notes:**
1. PER LOUISVILLE MSD / ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 470 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS

Rim: 484.4' Rim to Invert: 2.4' Slack: 0.8" Sump: 0" Step Position:

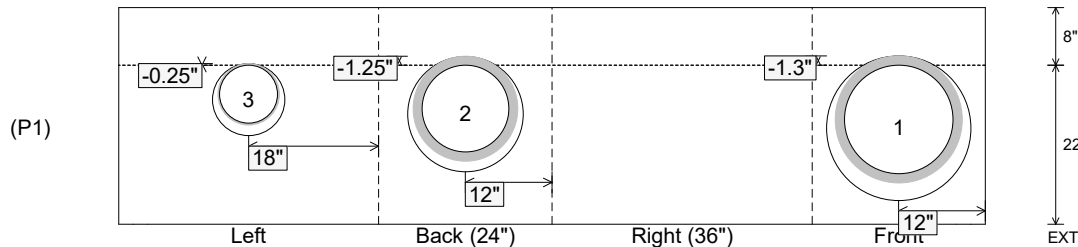
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	482'	0°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-1.3"	0"
Invert 2	482'	180°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 3	482'	270°	26"	8" PVC SDR35	8.5"	Hole 10	10"	10"	-0.25"	0"
Invert 4										
Invert 5										
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): 22"
 Height (Ext): 30"

Weight (Net): 3243 lb
 Volume (Net): 0.83cu.yd

Job Name: 25-4299 - Seneca High School	Plant: 100	Tech: J. Horsley	
Job Location: Louisville, KY	2/17/2026 12:47:00 PM	PC: J. Jarvis	
Contractor: Dan Cristiani Excavating Co. Inc.			

Structure ID: I5

P1 BX2436-08BA30

BOX BASE 8inW, 8inF F/n

- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF F/n - 30"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 16

0 lb
 4322 lb
 0 lb
 0 lb

 Structure Total: 4322 lb

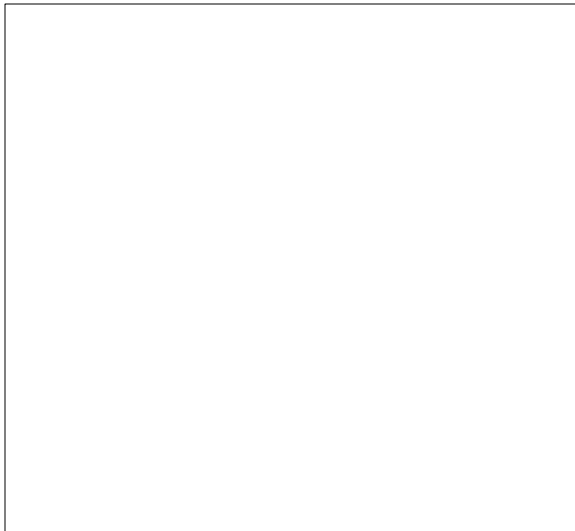
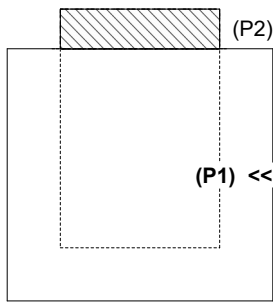
- Structure Notes:
1. PER LOUISVILLE MSD / ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 470 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS

Rim: 484.25' Rim to Invert: 3' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	481.25'	270°	26"	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										

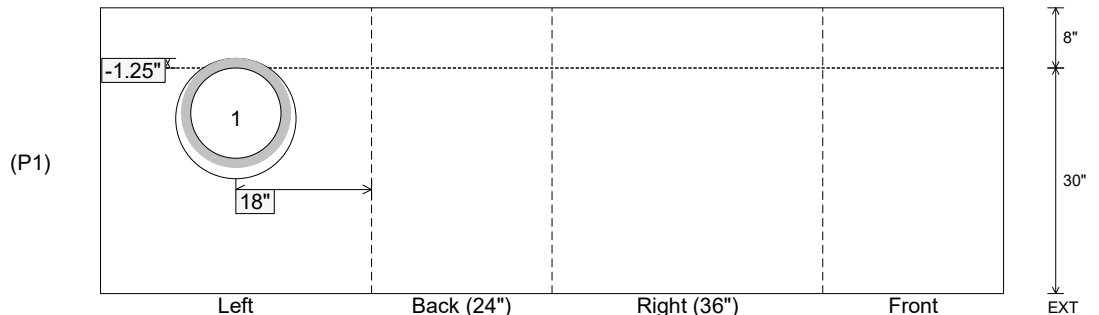
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



Invert: 1
 Degree: 270°
 Horz: 18"
 Hole: 16"
 Up(): -1.25"

INSIDE WALL DIMENSIONS

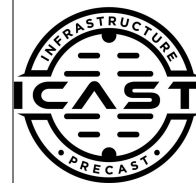


Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 30" Height (Ext): 38"	Weight (Net): 4322 lb Volume (Net): 1.1cu.yd
----------------------------------	-------------------------------	--	--	---

Job Name: 25-4299 - Seneca High School
 Job Location: Louisville, KY
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: 100
 2/16/2026 8:56:36 AM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: D4

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 - 19"
 1) 24" x 24" - Conseal CS-102 1.00"
 1) Hole - 16

0 lb
 2572 lb
 0 lb
 0 lb

 Structure Total: 2572 lb

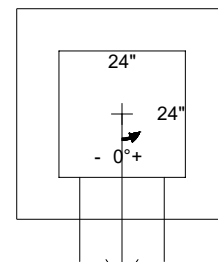
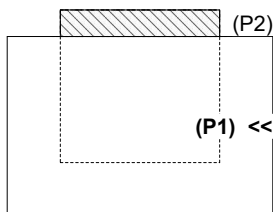
- Structure Notes:
1. PER LOUISVILLE MSD / ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 280T FRAME & GRATE SUPPLIED BY OTHERS

Rim: 485.22' Rim to Invert: 1.99' Slack: 0.88" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	483.23'	0°	20"	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										

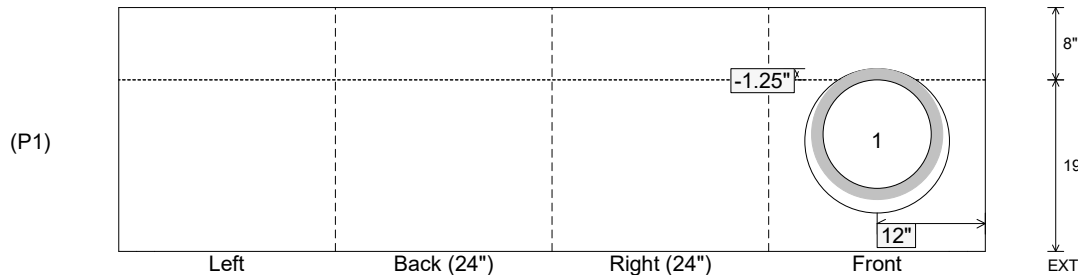
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



Invert: 1
 Degree: 0°
 Horz: 12"
 Hole: 16"
 Up(): -1.25"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 19"
 Height (Ext): 27"

Weight (Net): 2572 lb
 Volume (Net): 0.66cu.yd

Structure ID: D1

P1 BX2436-08BVF

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

- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 25"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 20
- 2) Hole - 16

0 lb
 3425 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 3425 lb

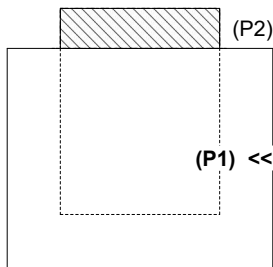
- Structure Notes:
1. PER LOUISVILLE MSD / ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 470 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS

Rim: 485.6' Rim to Invert: 2.65' Slack: 0.8" Sump: 0" Step Position:

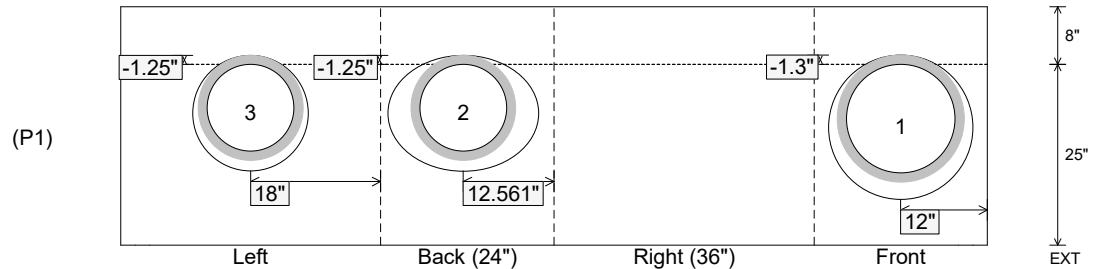
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	482.95'	0°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-1.3"	0"
Invert 2	482.95'	140°	13.848"	12" HDPE	14.5"	Hole 16	16"	20.887"	-1.25"	12"
Invert 3	482.95'	270°	26"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 4										
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): 25" Height (Ext): 33"	Weight (Net): 3425 lb Volume (Net): 0.88cu.yd
----------------------------------	-------------------------------	--	--	--

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

Plant: 100

Tech: J. Horsley - A

5/12/2026 1:01:44 PM

PC: J. Jarvis



Structure ID: 142

P2 BX024030-08LD08-15X27

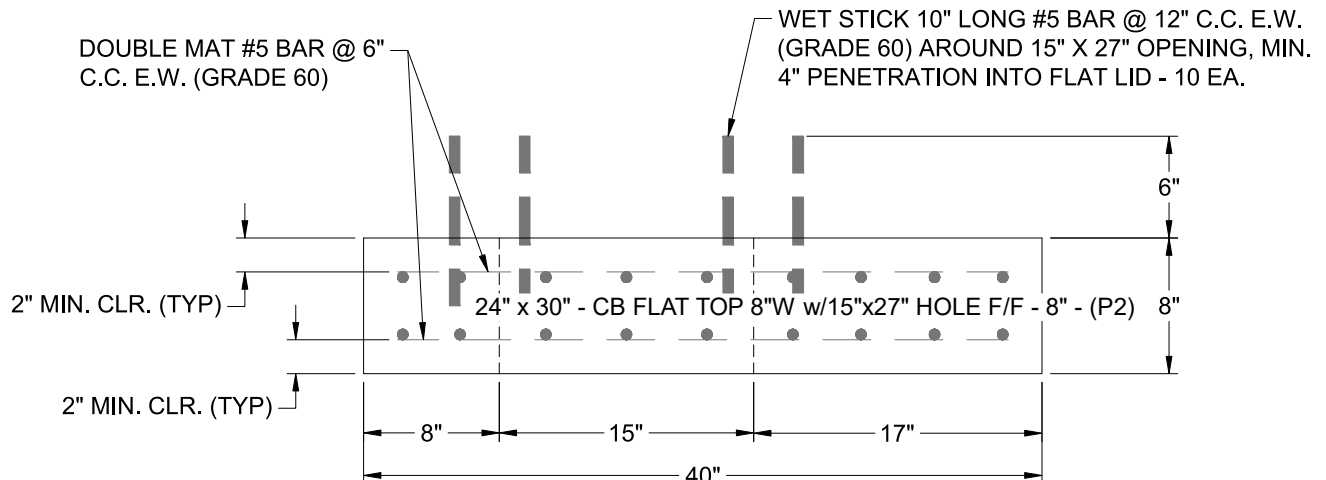
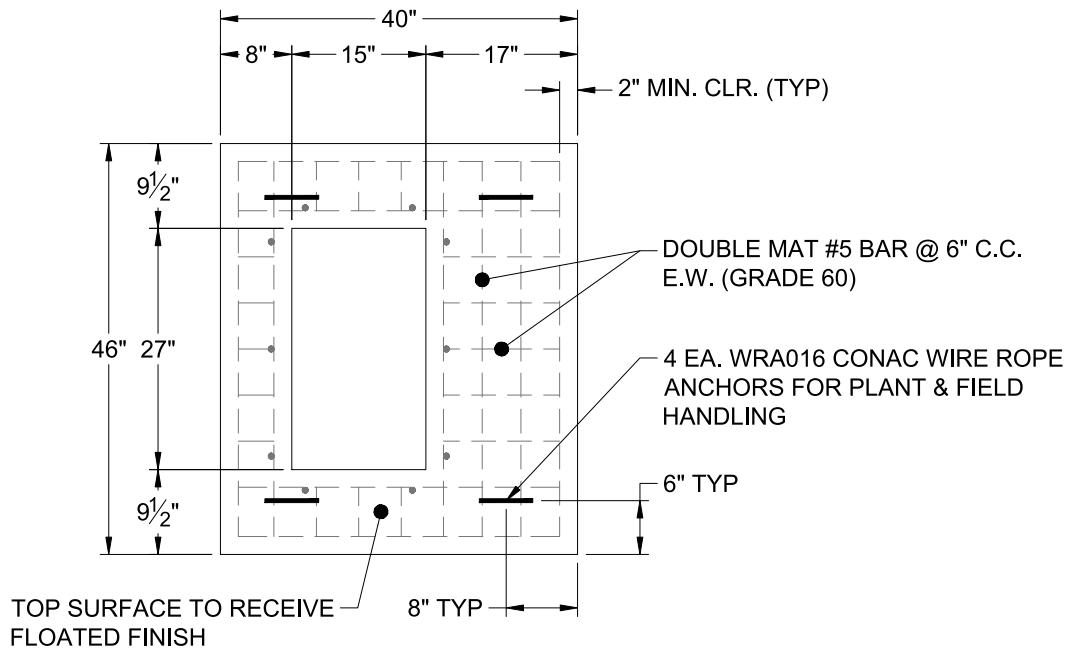
CB FLAT TOP 8"W w/15"x27" HOLE F/F

- P3) 15" x 27" - P.I.P. - BY OTHERS - 8"
- P2) 24" x 30" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8"
- P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht F/n - 38"
- 1) 24" x 30" - Conseal CS-102 1.00"
- 1) 15" x 27" - Conseal CS-102 1.00"
- 1) Hole - 20
- 1) Hole - 18
- 2) Hole - 4

0 lb
 963 lb
 4408 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 5371 lb

Structure Notes:

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



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

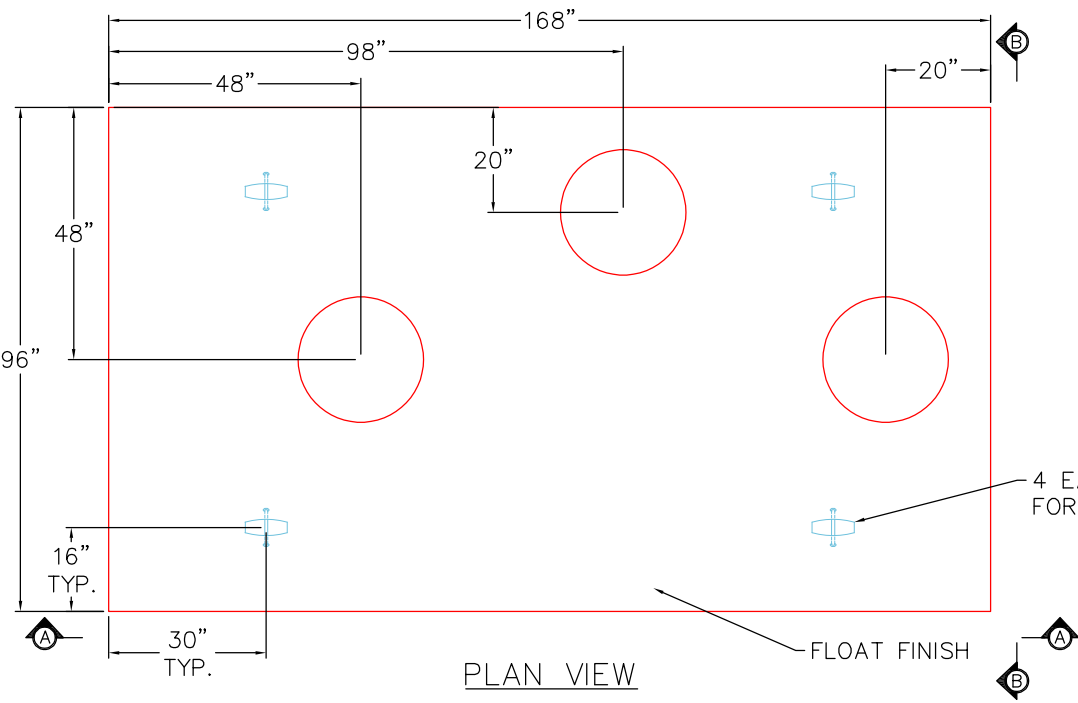
Wall Thickness: 8"

Height (Ext): 8"

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

GENERAL NOTES:

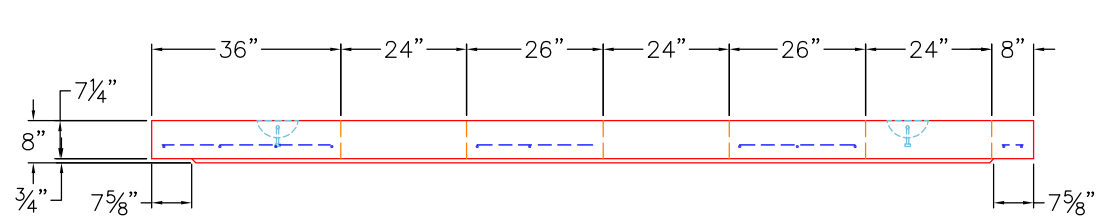
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS. CONCRETE.
3. REINFORCING: PER ASTM A615 (GRADE 60). AS PER CONTECH VORTECHS DRAWINGS
4. WEIGHTS: TOTAL = 11,082 LBS
5. VAULT JOINT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST)
6. STRUCTURE TO HAVE INTERNALS INSTALLED BY ICAST.



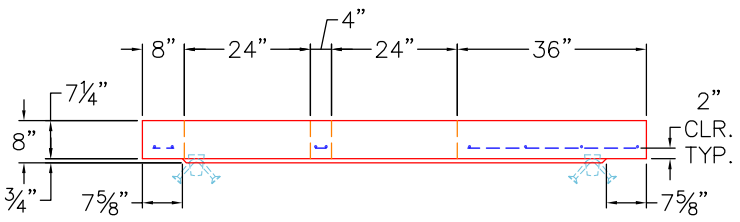
4 EA. CONAC 4CA14 ANCHORS FOR PLANT & FIELD HANDLING.

FLOAT FINISH


PLAN VIEW

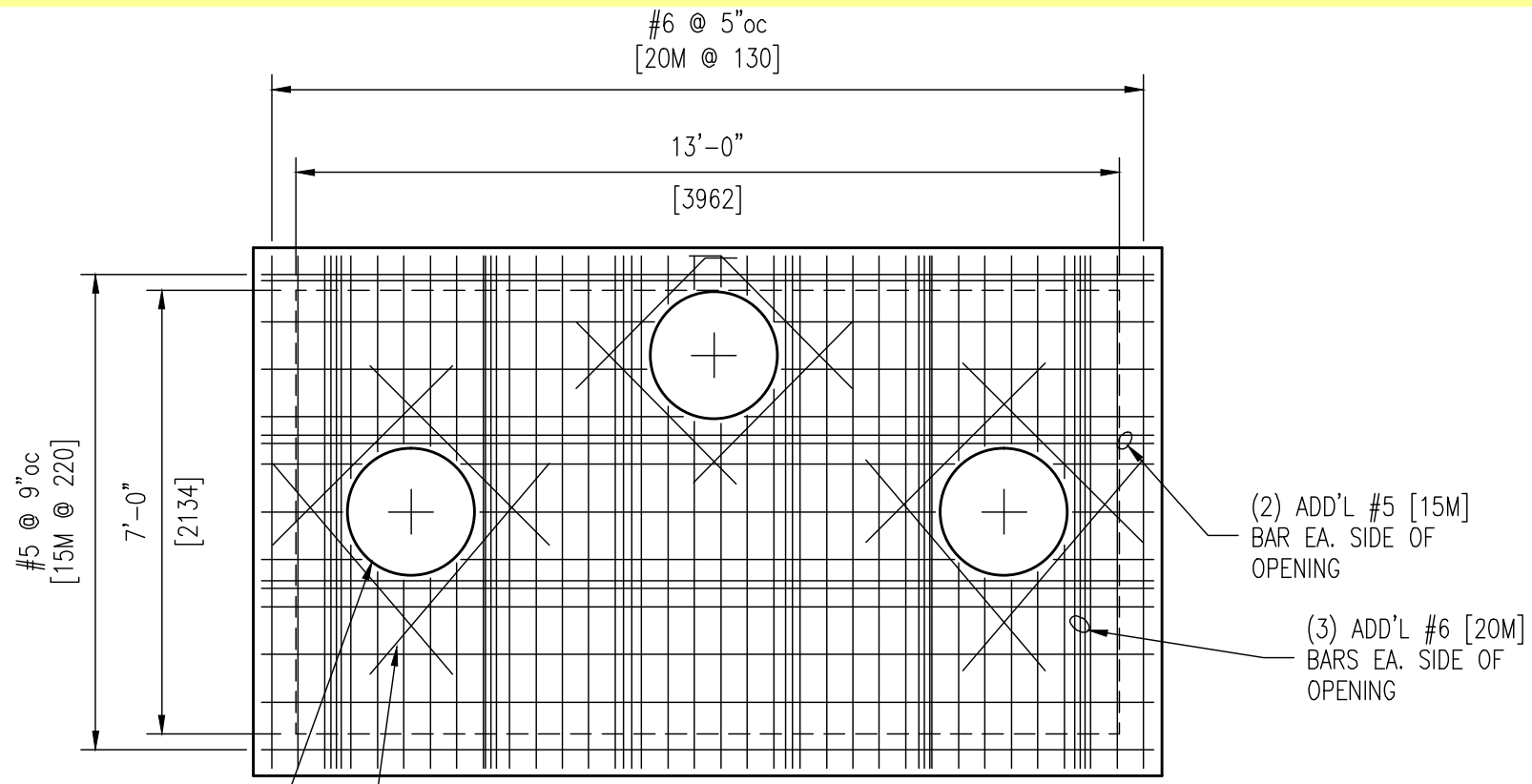


SECTION A-A



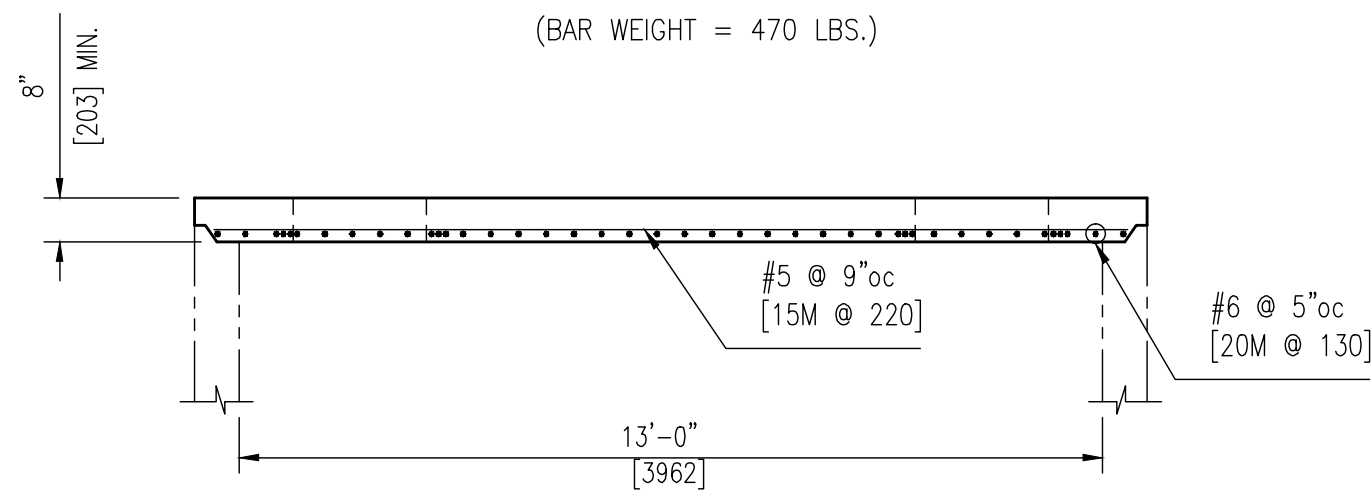
SECTION B-B

<p>PRODUCTION WORK ORDER</p>		<p>PRODUCT I.D.: CTS</p>	<p>DESCRIPTION: 96" X 156" X 7 1/4" VAULT TOP SLAB</p>		
	<p>QUALITY CONTROL CHECKLIST</p>	<p>PRODUCT VIEW: RIGHT SIDE UP</p>	<p>CUSTOMER: CONTECH ENGINEERING SOLUTIONS</p>		
	<ul style="list-style-type: none"> <input type="checkbox"/> ALL DIMENSIONS CORRECT. <input type="checkbox"/> LIFTERS INSTALLED. <input type="checkbox"/> HATCH INSTALLED CORRECT. <input type="checkbox"/> REINFORCING CORRECT. <input type="checkbox"/> SURFACE QUALITY ACCEPTABLE. <input type="checkbox"/> EDGES CHAMFERED. <input type="checkbox"/> ALL PATCHWORK ACCEPTABLE. 	<p>PLANT: BEAVER DAM, KY.</p>	<p>PROJECT: 839548 CHICK-FIL-A OSAGE BEACH</p>		
		<p>WEIGHT: 11,082 LBS.</p>	<p>STRUCTURE: 10-VX5000</p>		
		<p>TOP SECTION JOINT: N/A</p>	<p>ORDER NO: 24-3465</p>		
		<p>BASE SECTION JOINT: N/A</p>	<p>PC: C. GOFF</p>	<p>DRAWING: S. FELLETER</p>	
		<p>QC CHECK INITIALS:</p>	<p>DATE: 05/11/26</p>	<p>SCALE: NTS</p>	<p>PG. 1 of 1</p>

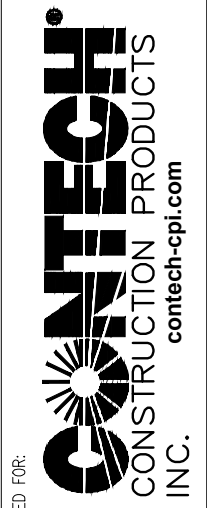
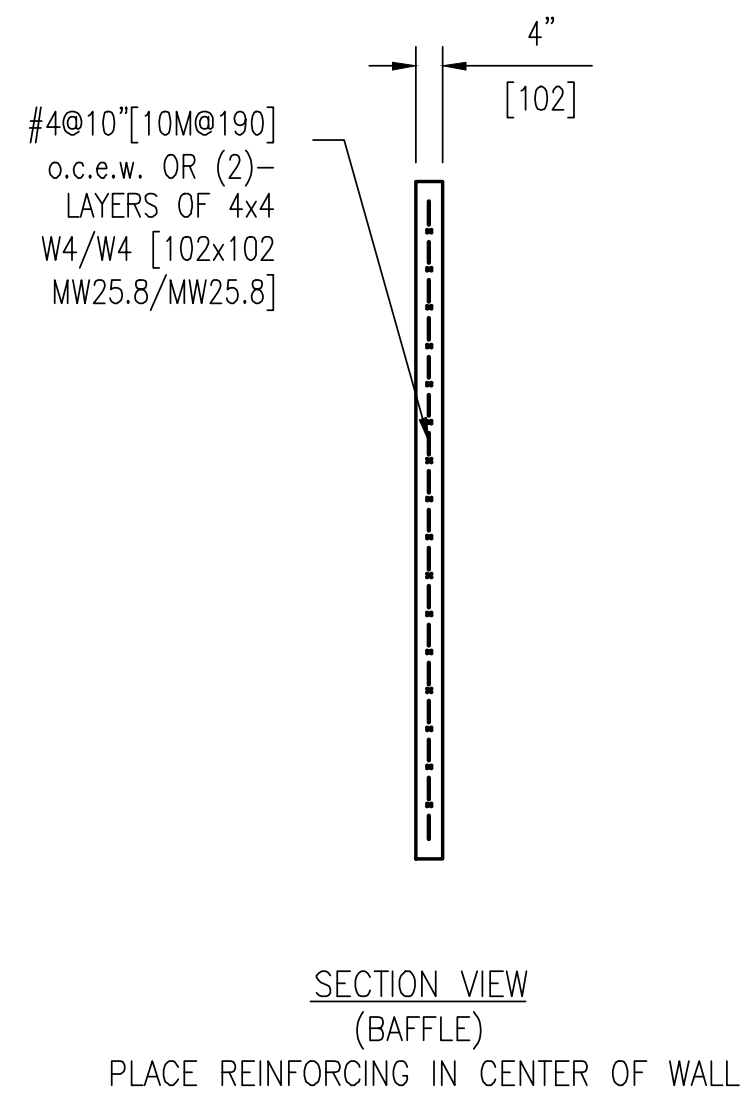


PLAN VIEW
(TOP SLAB)
ALL COVER 2"[51] U.N.O.

(BAR WEIGHT = 470 LBS.)



SECTION VIEW
(TOP SLAB)
ALL COVER 2"[51] U.N.O.



PREPARED FOR:

TITLE: VORTECHS MODEL 5000 - BASE & ROOF SLABS & BAFFLE

PROJECT: VORTECHS	DATE: 10/2009
DRAWN BY: GJP	JOB No: 2007.025.033
CHECKED BY: JTL	NUMBER: MOD5KSLAB
SCALE: NONE	

PREPARED BY:
DELTA
ENGINEERS, ARCHITECTS, & LAND SURVEYORS
184 COURT STREET, BINGHAMTON, NY 13901
TEL: (607) 231-6600 FAX: (607) 231-6650

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

Plant: 100

Tech: J. Horsley - A

5/12/2026 1:01:43 PM

PC: J. Jarvis



Structure ID: 143

P2 BX024036-08LD08-15X27

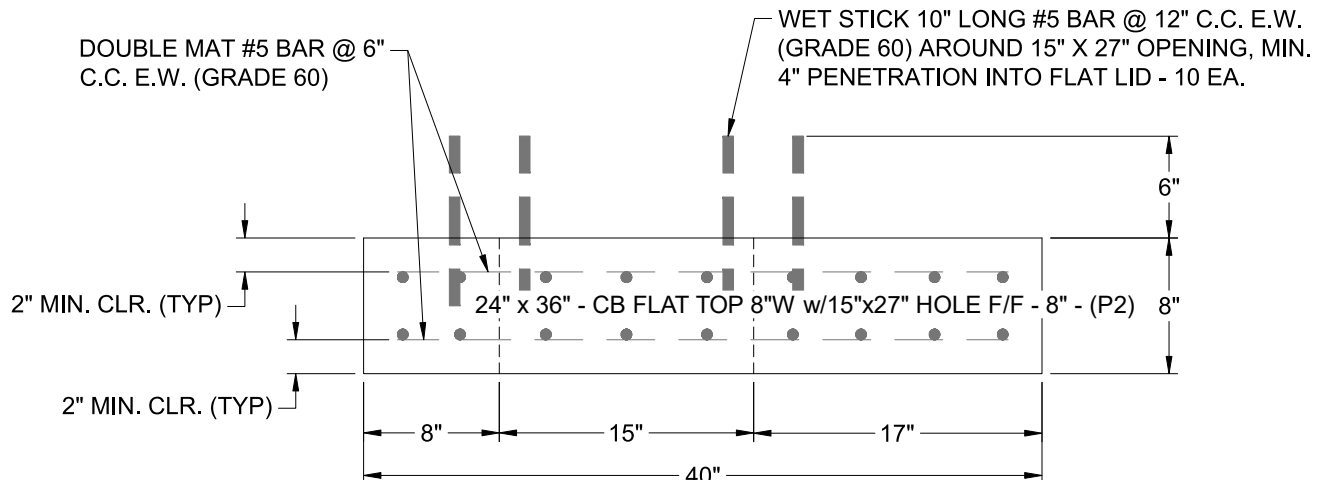
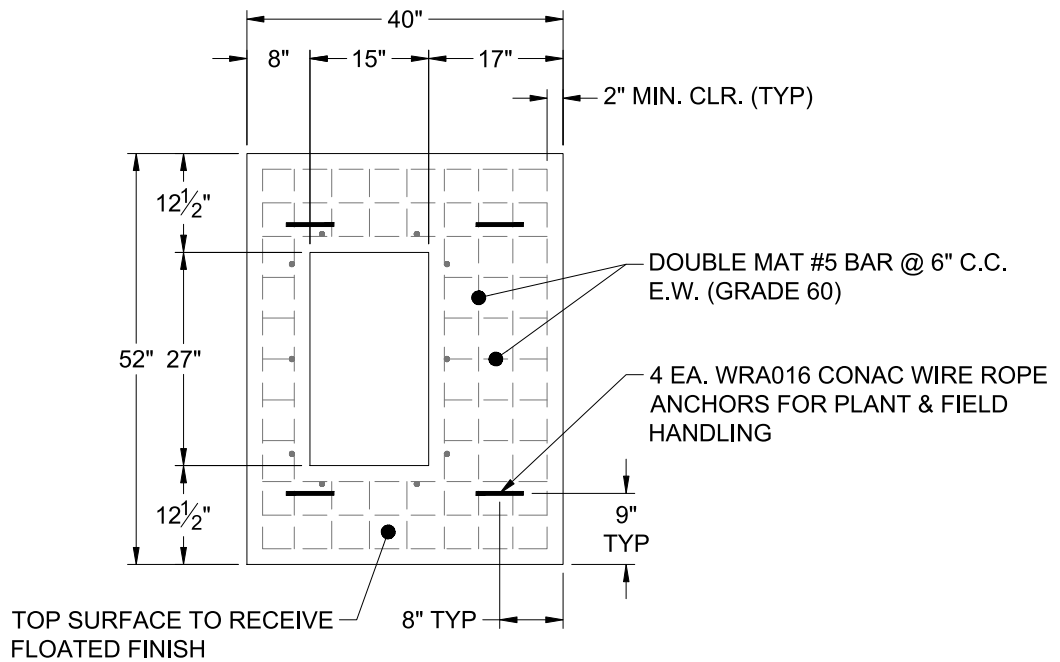
CB FLAT TOP 8"W w/15"x27" HOLE F/F

- P3) 15" x 27" - P.I.P. - BY OTHERS - 8"
- P2) 24" x 36" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 33"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) 15" x 27" - Conseal CS-102 1.00"
- 1) 20" x 16" - Arched Hole (CMP)
- 1) Hole - 20
- 2) Hole - 4

0 lb
 1124 lb
 4316 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 5440 lb

Structure Notes:

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



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

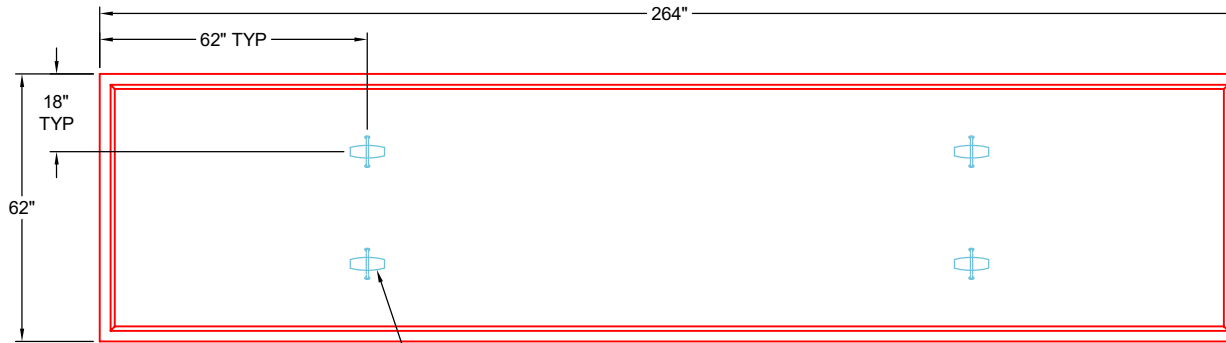
Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1124 lb
 Volume (Net): 0.29cu.yd

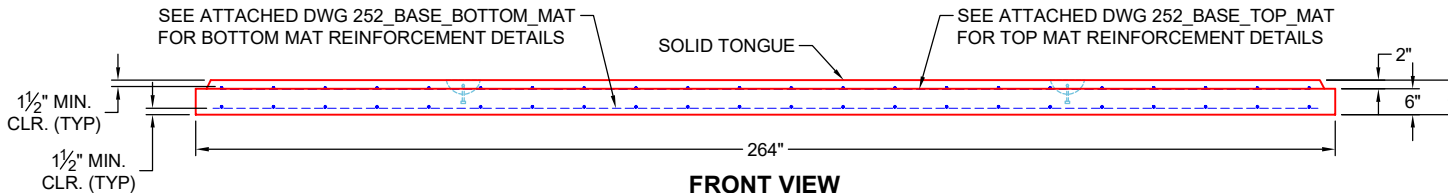
GENERAL NOTES:

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

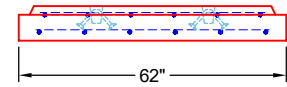


4 EA. 6CA18 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING


**PLAN VIEW
(RIGHT SIDE UP)**



**FRONT VIEW
(RIGHT SIDE UP)**



**SIDE VIEW
(RIGHT SIDE UP)**

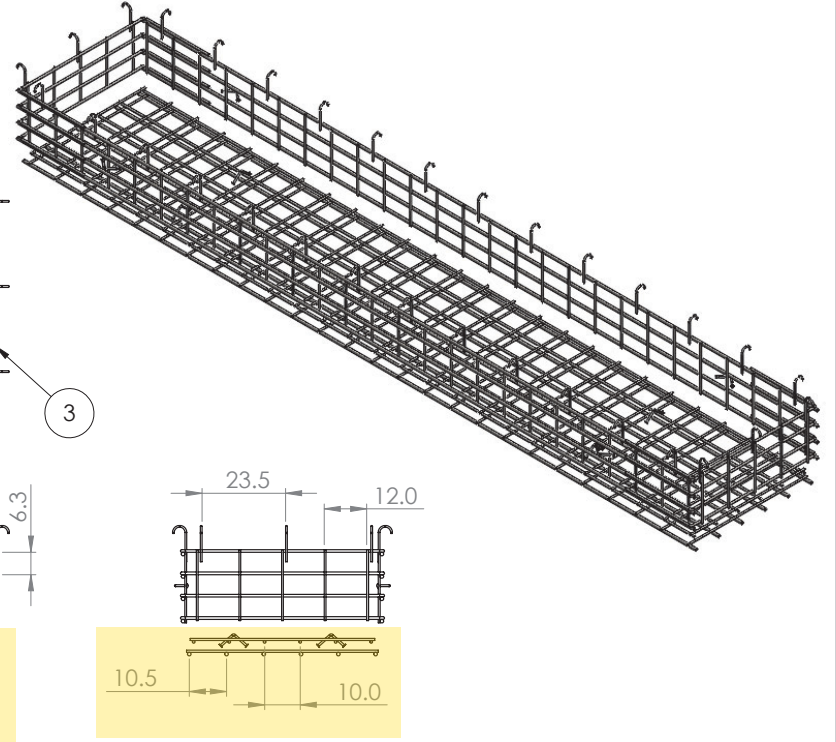
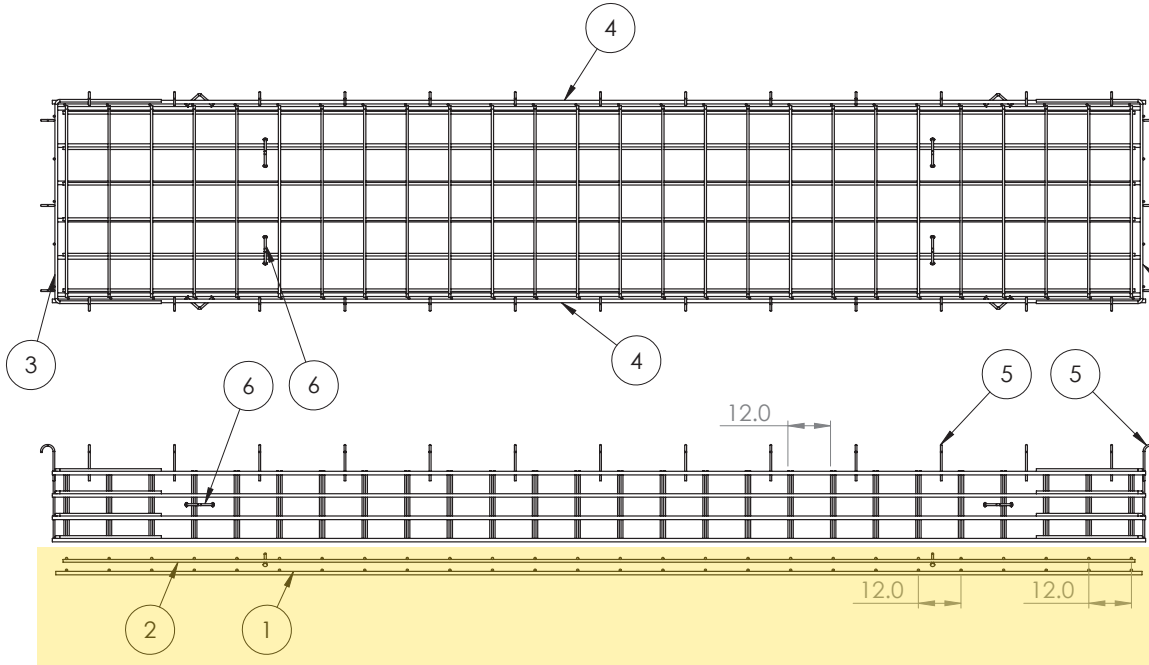
PRODUCTION WORK ORDER		PRODUCT I.D.: CVBS	DESCRIPTION: 62" X 264" X 8" SEPARATE BASE SLAB		
	QUALITY CONTROL CHECKLIST <input type="checkbox"/> ALL DIMENSIONS CORRECT. <input type="checkbox"/> LIFTERS INSTALLED. <input type="checkbox"/> CORRECT THICKNESS. <input type="checkbox"/> REINFORCING CORRECT. <input type="checkbox"/> FINISH ON SLAB SURFACE UNIFORM. <input type="checkbox"/> OUTSIDE TOP EDGE TROWELLED. <input type="checkbox"/> SOLID TONGUE JOINT INSTALLED.	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: ENDESOL, INC.		
		PLANT: BEAVER DAM, KY	PROJECT: 4-23 691254775		
		WEIGHT: 11,502 LBS	STRUCTURE: 2-61618 2 (EFX-60 21 PN VAULT)		
		TOP SECTION JOINT: N / A	ORDER NO: 26-1618		
		BASE SECTION JOINT: SOLID TONGUE	PE: J.H. ROSS	DRAWING: J. HORSLEY	
		QC CHECK INITIALS:	DATE: 04/24/26	SCALE: NTS	PG. 1 OF 1

4

3

2

1



B

B

A

A

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

NOTES:

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

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ENDESOL INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ENDESOL INC. IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	<h1>ENDESOL</h1> <p>TITLE: EFX-60 Adjustable Section Rebar Layout</p> <p>SIZE B DWG. NO. EFX-60 ADJ Rebar REV X1</p> <p>SCALE: 1:50 WEIGHT: SHEET 1 OF 1</p>	
		DIMENSIONS ARE IN INCHES	DRAWN	CMJ		3-25-16
		TOLERANCES:	CHECKED	JHR		3-25-16
		FRACTIONAL 1/8"	ENG APPR.	XXXX		XXXX
		TWO PLACE DECIMAL .13	MFG APPR.	XXXX		XXXX
		THREE PLACE DECIMAL .125	Q.A.	XXXX	XXXX	
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			
		MATERIAL	Rebar A614 G60			
		FINISH	MILL			
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING			

4

3

2

1

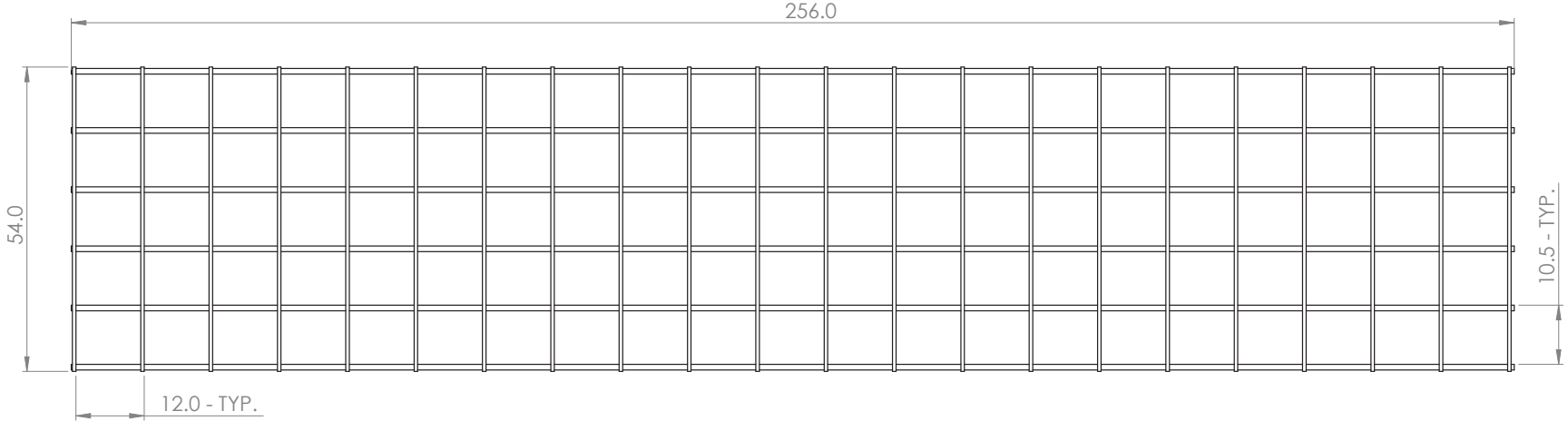
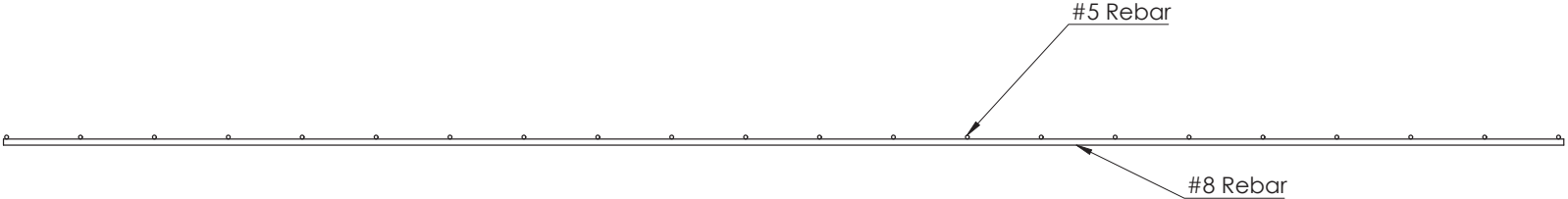
4


3

2

1

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





infrastructure precast, inc.

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

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THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
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AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF iCast IS PROHIBITED.

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

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

DO NOT SCALE DRAWING

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

4

3

2

1

B

B

A

A

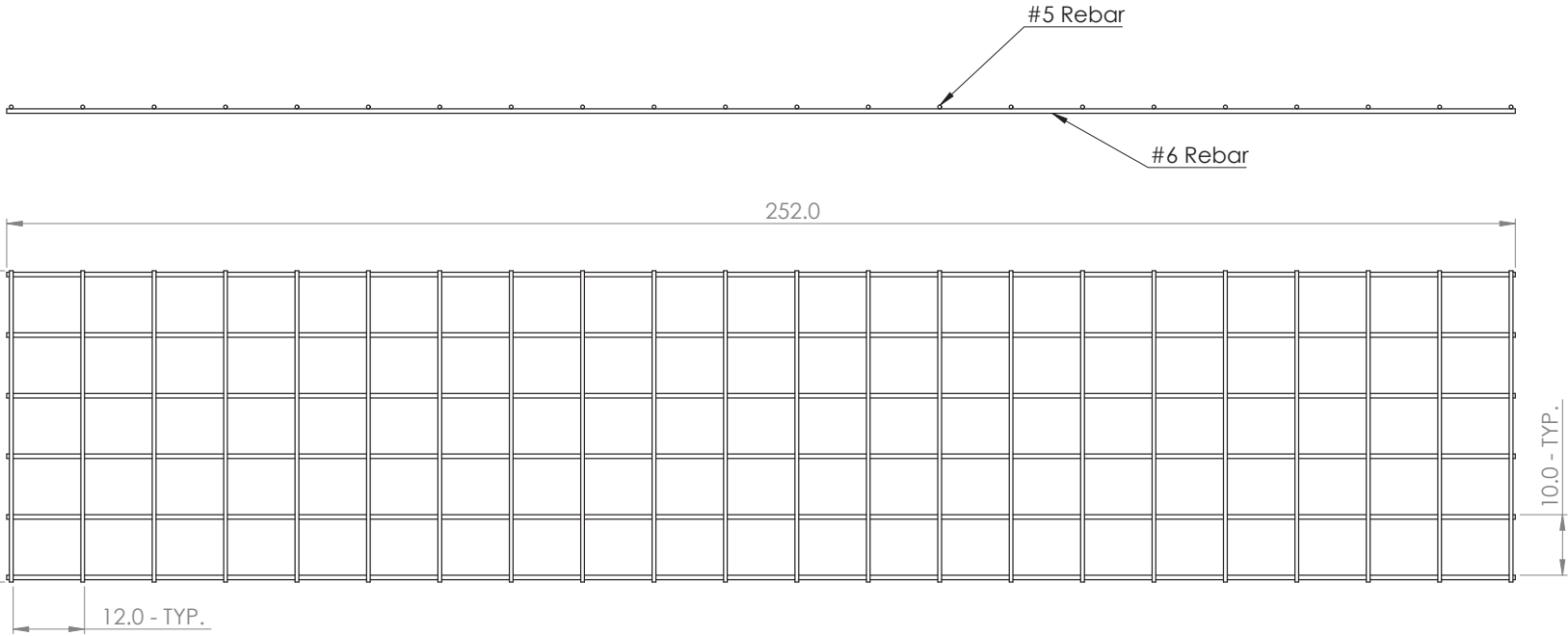
4

3

2

1

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



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

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

MATERIAL
 FINISH
 DO NOT SCALE DRAWING

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

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

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

4

3

2

1

B

B

A

A

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

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

Tech: Jared - F
 PC: E. Bradley



Structure ID: METER VAULT - 8

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

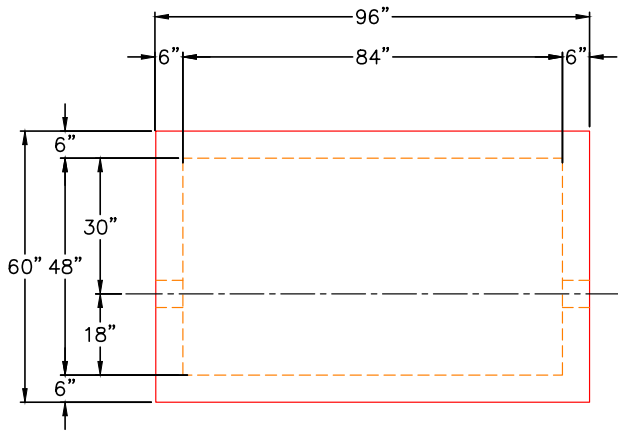
100 lb
 2417 lb
 10702 lb
 116 lb
 0 lb
 0 lb
 0 lb

 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:

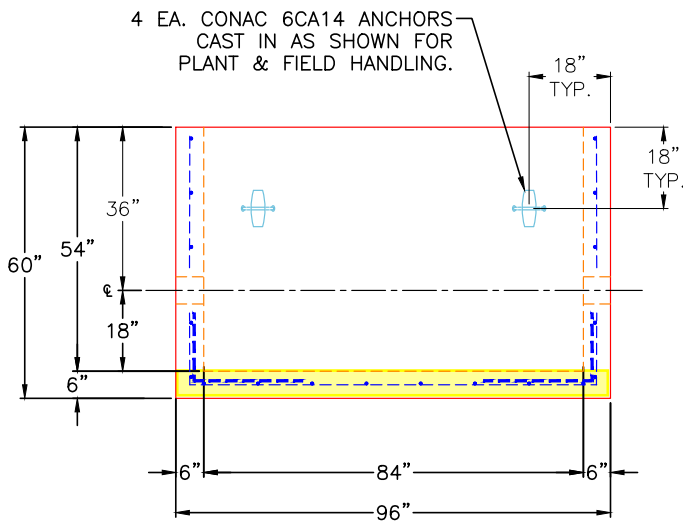


PLAN VIEW

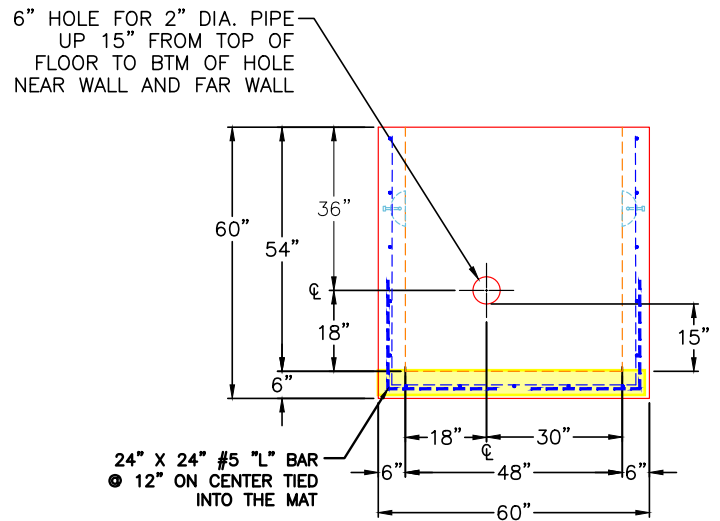
GENERAL NOTES:

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 - 8

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

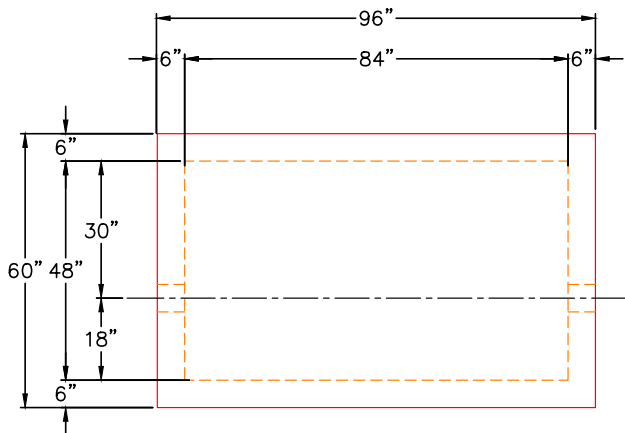
Structure Total: 13334 lb

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:



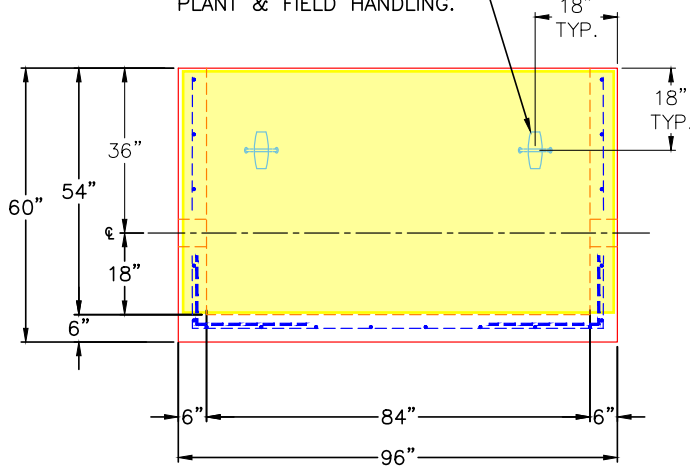
PLAN VIEW

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.

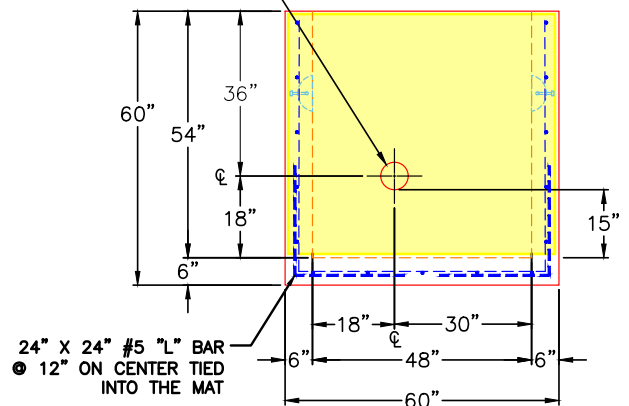
SECOND POUR DRAWING

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



FRONT VIEW

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



RIGHT VIEW

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

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

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

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

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

Tech: Jared - F
 PC: E. Bradley



Structure ID: METER VAULT - 8

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

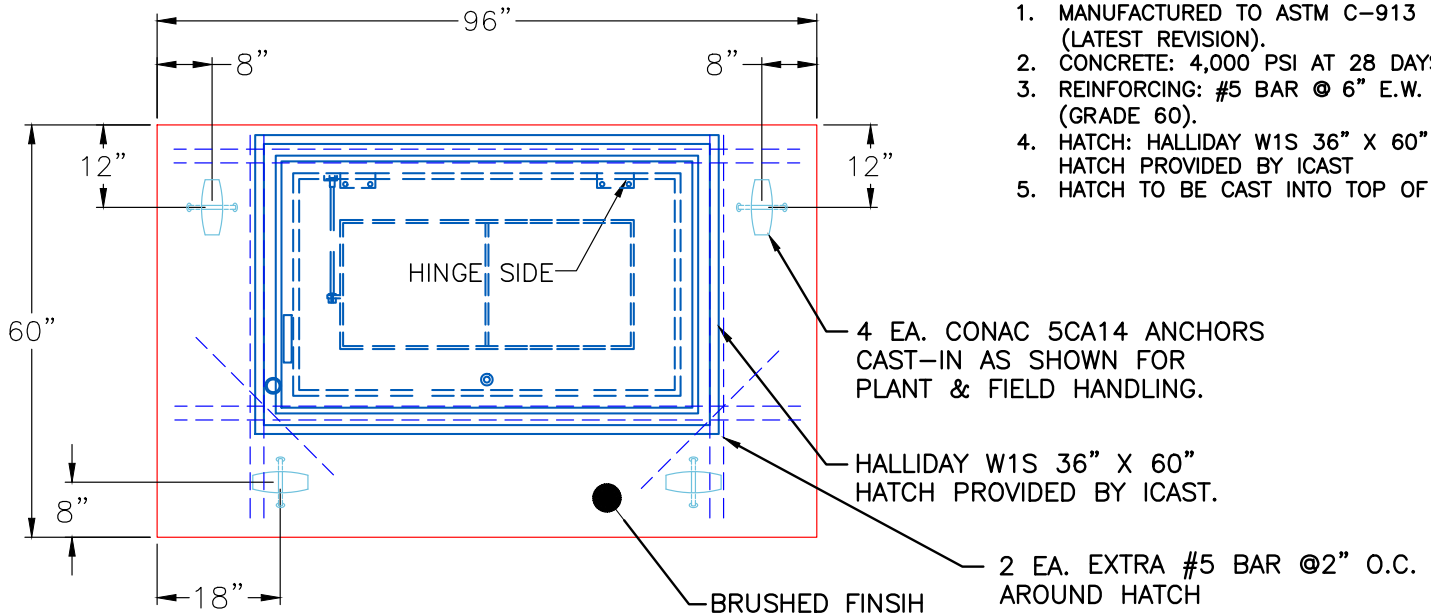
 Structure Total: 13334 lb

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").

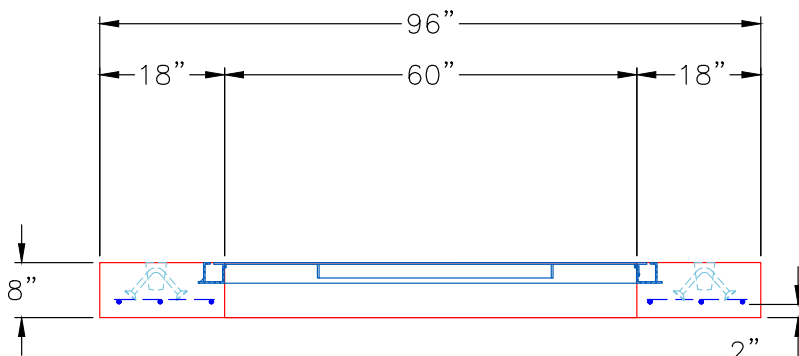
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

GENERAL NOTES:

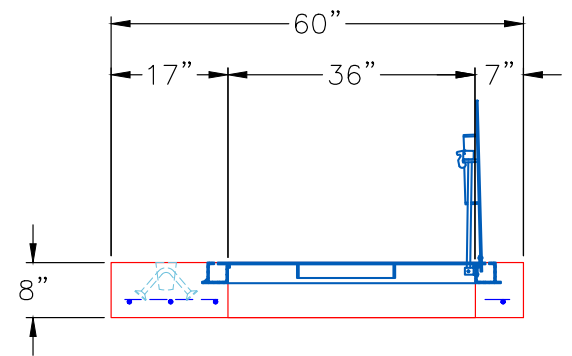
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" E.W. O.C. (GRADE 60).
4. HATCH: HALLIDAY W1S 36" X 60" HATCH PROVIDED BY ICAST
5. HATCH TO BE CAST INTO TOP OF LID.



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 8:17:54 PM

Tech: Jared - F
 PC: E. Bradley



Structure ID: METER VAULT - 10

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

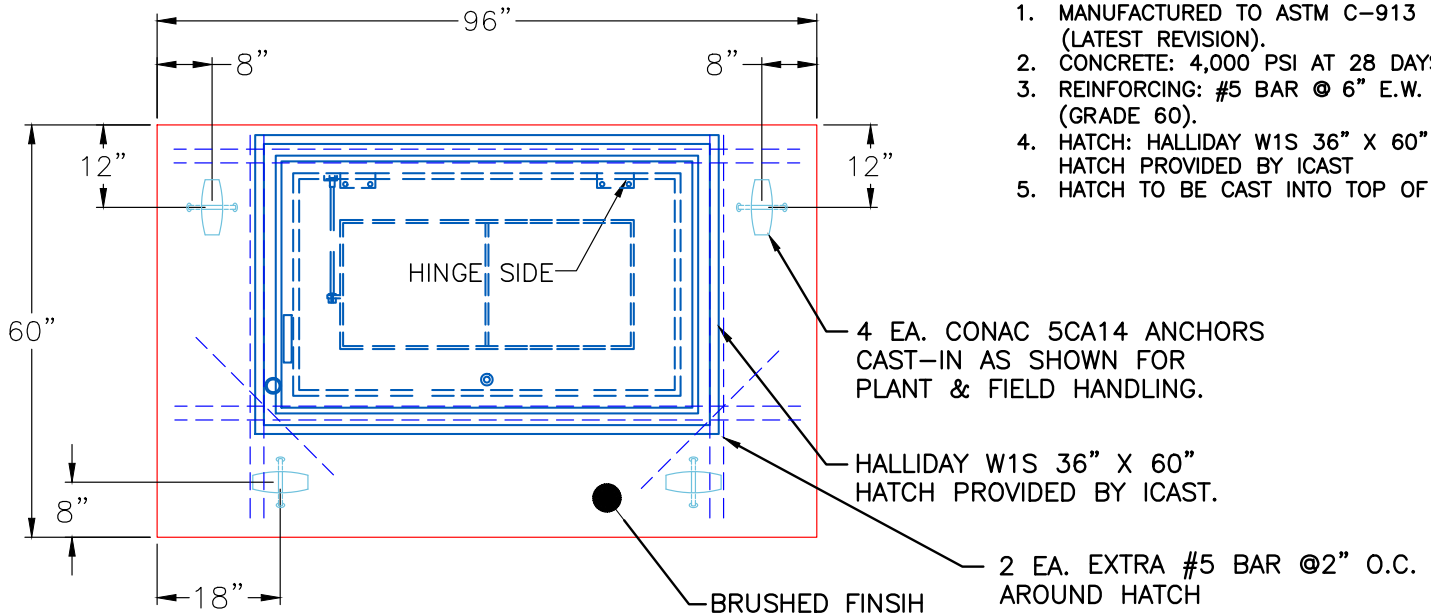
 Structure Total: 13334 lb

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").

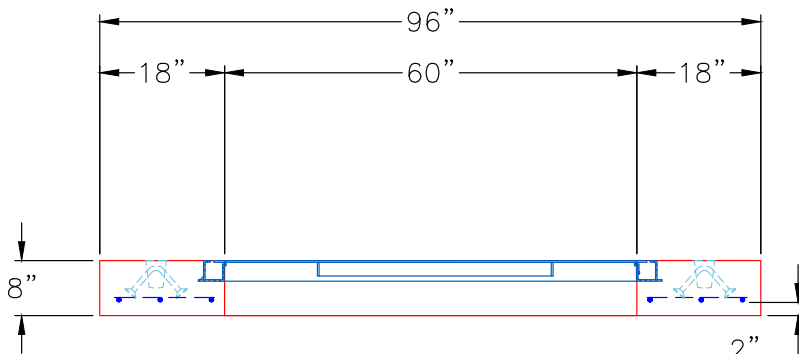
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

GENERAL NOTES:

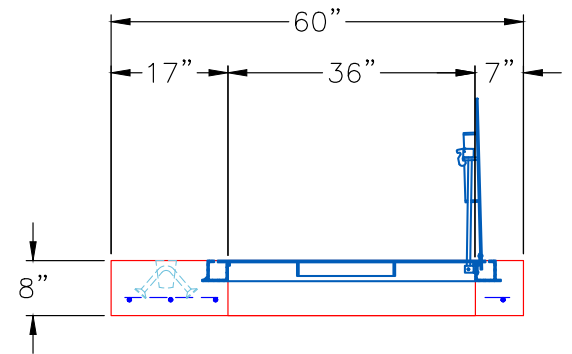
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" E.W. O.C. (GRADE 60).
4. HATCH: HALLIDAY W1S 36" X 60" HATCH PROVIDED BY ICAST
5. HATCH TO BE CAST INTO TOP OF LID.



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 8:17:54 PM

Tech: Jared - F

PC: E. Bradley



Structure ID: METER VAULT - 9

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

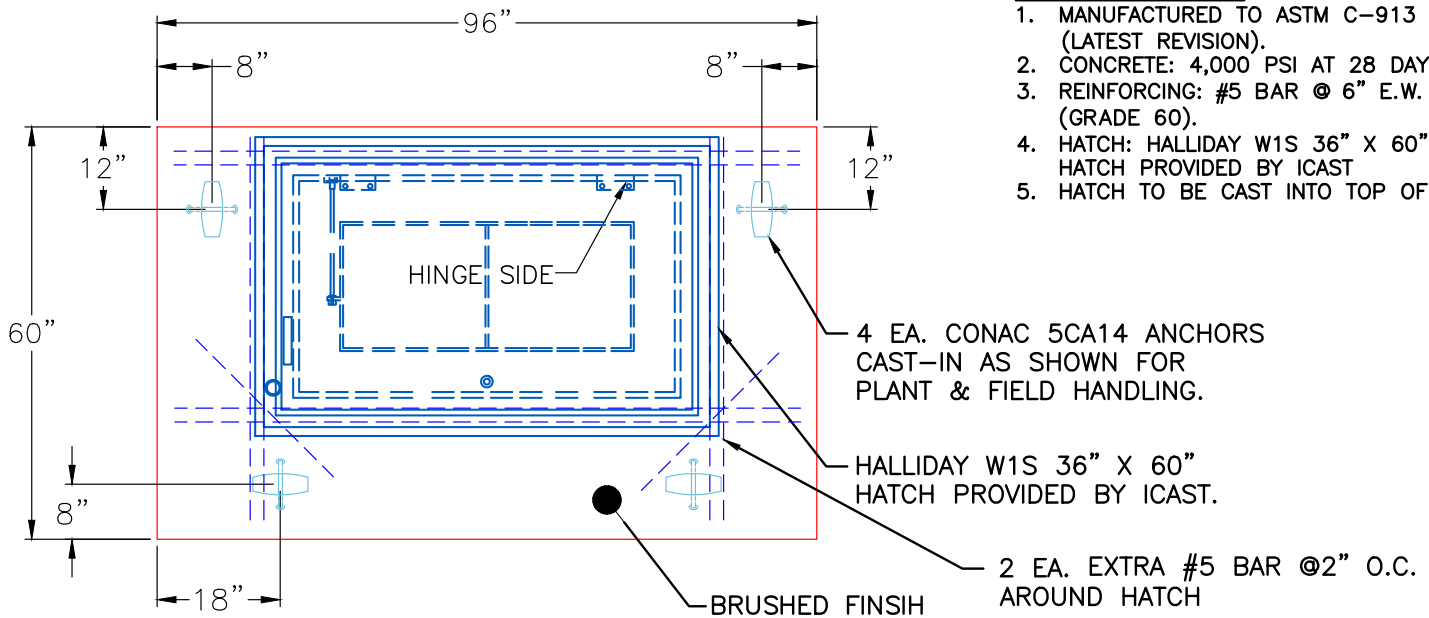
Structure Notes:

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").

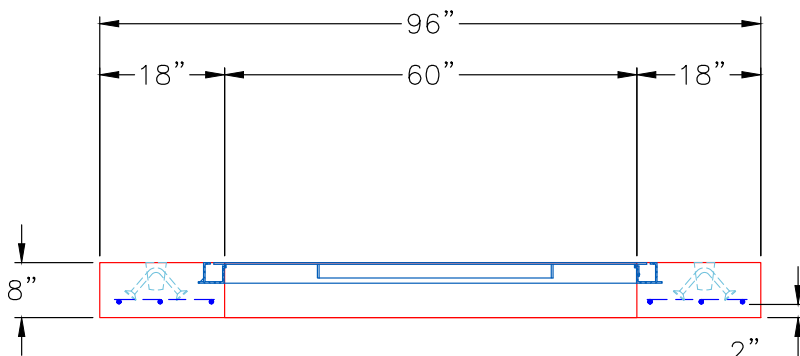
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

GENERAL NOTES:

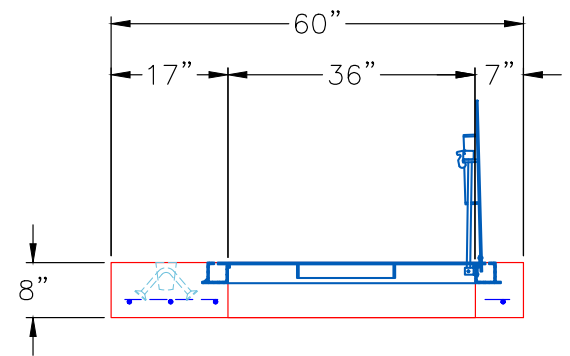
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" E.W. O.C. (GRADE 60).
4. HATCH: HALLIDAY W1S 36" X 60" HATCH PROVIDED BY ICAST
5. HATCH TO BE CAST INTO TOP OF LID.



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: 26-2074 - Christian Co. Ball Field Line K
 Job Location: Hopkinsville, KY
 Contractor: Herring Construction, Inc.

Plant: 100

Tech: J. Horsley

5/8/2026 6:13:58 AM

PC: E. Bradley



Structure ID: KST4 ST-DBI

P2 BX024024-08LD08S

BX FLAT LID 8inW w/HOE 280T CAST IN F/F

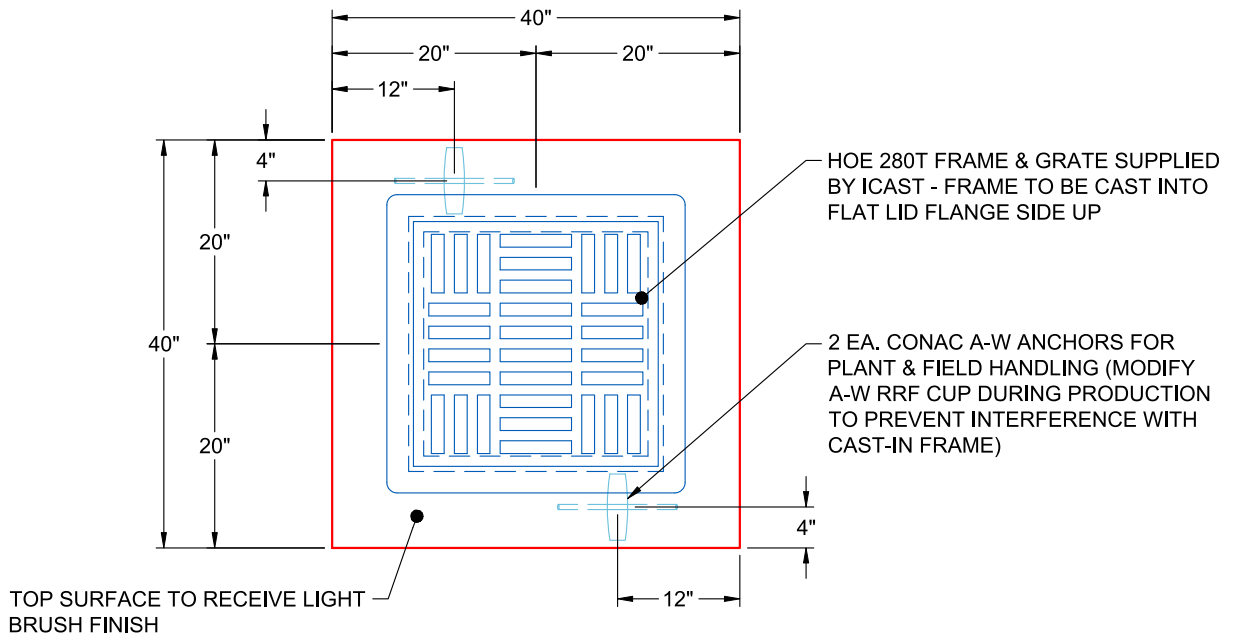
- P3) 24" x 24" - CASTING (cast in) - 0"
- P2) 24" x 24" - BX FLAT LID 8inW w/HOE 280T CAST IN F/F - 8"
- P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 29"
- 1) This Structure Includes a Cast-in Item - HOE 280T Frame (Supplied by iCast)
- 1) CASTING - HOE 280T F/G
- 2) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 18

0 lb
 885 lb
 3395 lb
 0 lb
 182 lb
 0 lb
 0 lb

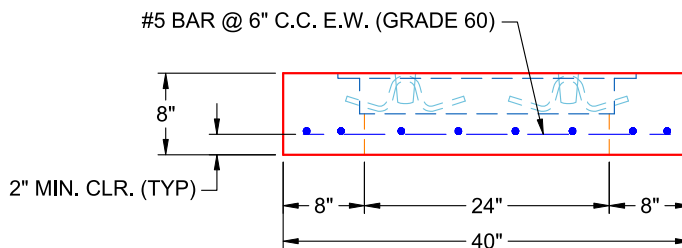
 4462 lb

Structure Total: 4462 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. HOE 280T FRAME & GRATE SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP
 5. LIFTERS: 2 EA. CONAC A-W ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN
 6. TOP SURFACE TO RECEIVE LIGHT BRUSH FINISH



**PLAN VIEW
(RIGHT SIDE UP)**



**FRONT VIEW
(RIGHT SIDE UP)**

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 885 lb
 Volume (Net): 0.23cu.yd

Job Number:

26-2074

Job Name:

Christian Co. Ball Field Line K

Structure:

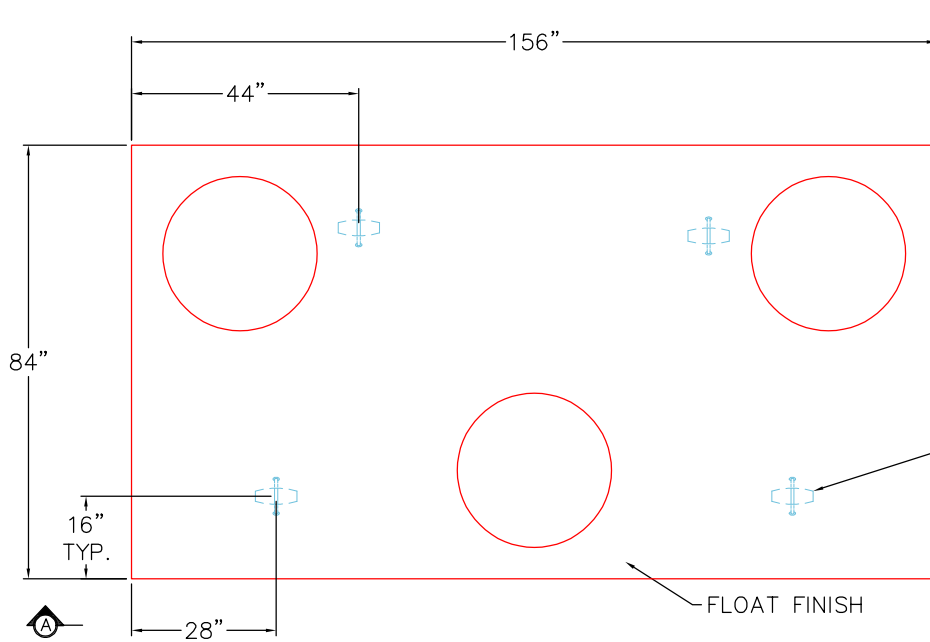
KST4 ST-DBI

Note:

HOE 280T Frame Supplied By iCast
To Be Cast Into Flat Lid Flange Side
Up

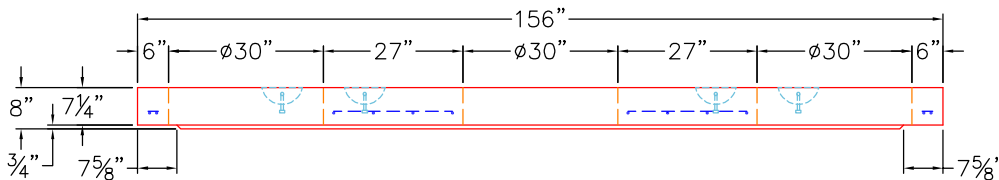
GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS. CONCRETE.
3. REINFORCING: PER ASTM A615 (GRADE 60). AS PER CONTECH STORMFILTER DRAWINGS
4. WEIGHTS: TOTAL = 7,850 LBS
5. VAULT JOINT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST)
6. STRUCTURE TO HAVE INTERNALS INSTALLED BY ICAST.
9. INLET & OUTLET PIPE OPENINGS TO BE STENCILED ONTO THE OUTSIDE OF THE PRODUCT.

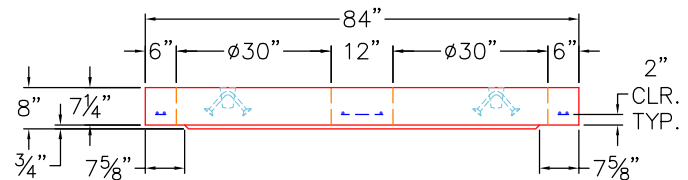


4 EA. CONAC 4CA14 ANCHORS FOR PLANT & FIELD HANDLING.


PLAN VIEW



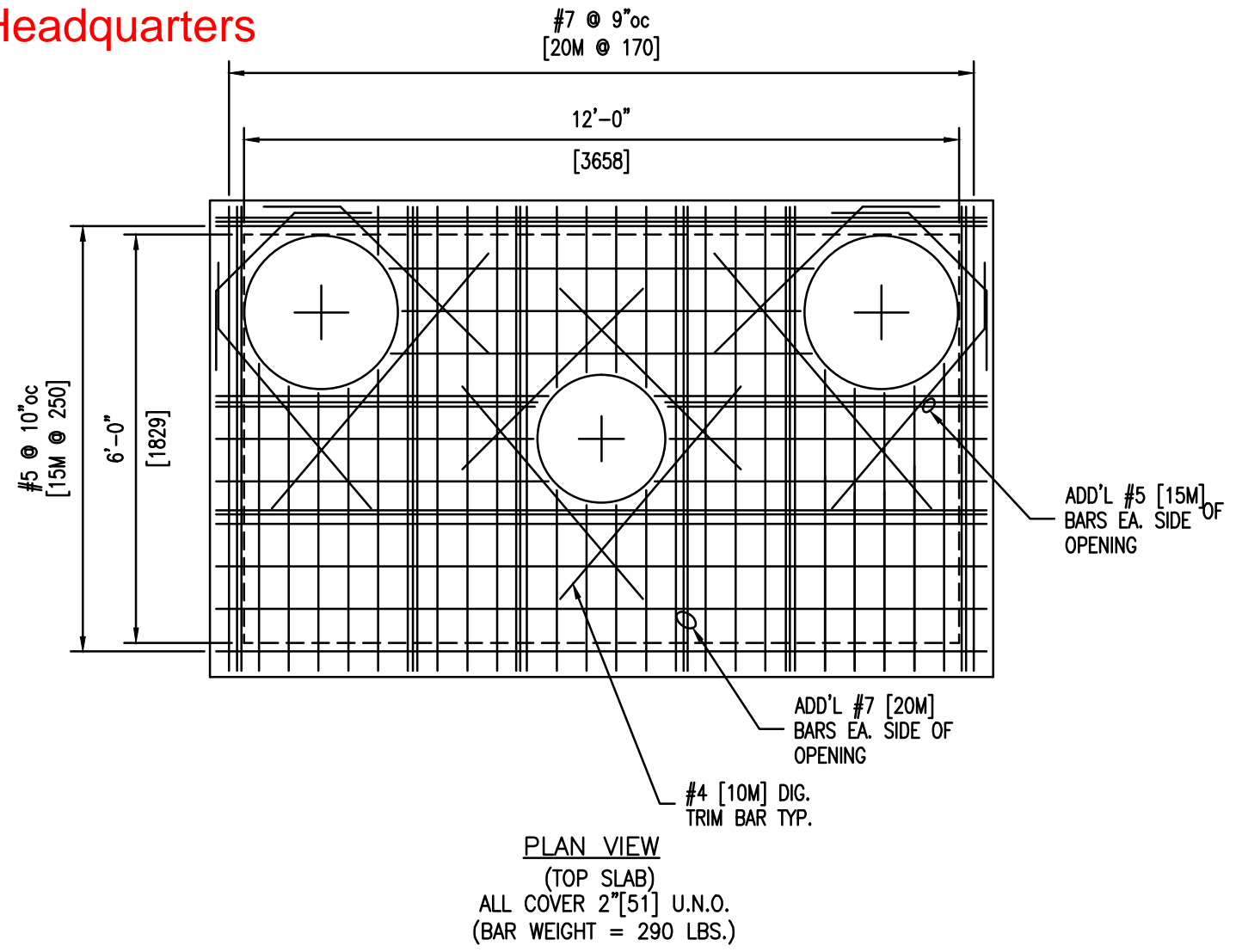
SECTION A-A



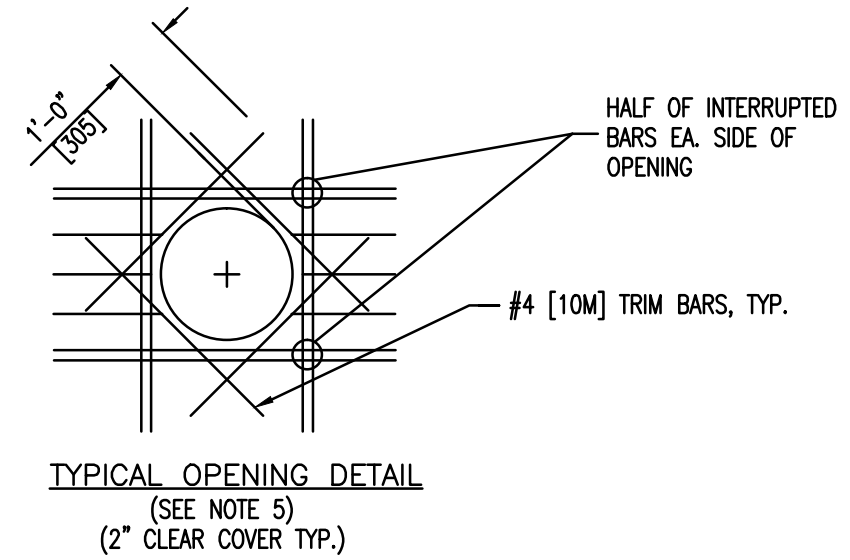
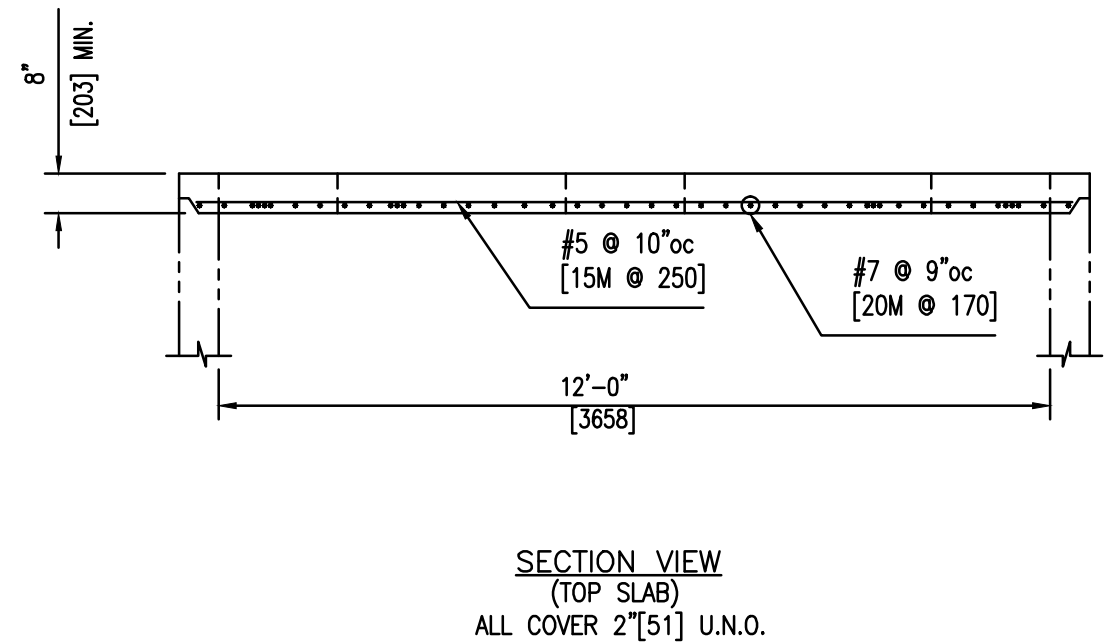
SECTION B-B

<p>PRODUCTION WORK ORDER</p>		<p>PRODUCT I.D.: BX072144-08LD06S</p>	<p>DESCRIPTION: 84" X 156" X 7 1/4" VAULT TOP SLAB</p>		
	<p>QUALITY CONTROL CHECKLIST</p>	<p>PRODUCT VIEW: RIGHT SIDE UP</p>	<p>CUSTOMER: CONTECH ENGINEERING SOLUTIONS</p>		
	<ul style="list-style-type: none"> <input type="checkbox"/> ALL DIMENSIONS CORRECT. <input type="checkbox"/> LIFTERS INSTALLED. <input type="checkbox"/> HATCH INSTALLED CORRECT. <input type="checkbox"/> REINFORCING CORRECT. <input type="checkbox"/> SURFACE QUALITY ACCEPTABLE. <input type="checkbox"/> EDGES CHAMFERED. <input type="checkbox"/> ALL PATCHWORK ACCEPTABLE. 	<p>PLANT: BEAVER DAM, KY.</p>	<p>PROJECT: 830197 TSSAA HEADQUARTERS</p>		
		<p>WEIGHT: 7,850 LBS.</p>	<p>STRUCTURE: 20-KFPD0612</p>		
		<p>TOP SECTION JOINT: N/A</p>	<p>ORDER NO: 26-2210</p>		
		<p>BASE SECTION JOINT: N/A</p>	<p>PC: C. GOFF</p>	<p>DRAWING: S. FELLETER</p>	
		<p>QC CHECK INITIALS:</p>	<p>DATE: 05/06/26</p>	<p>SCALE: NTS</p>	<p>PG. 1 of 1</p>

26-2210
 830197 TSSAA Headquarters
 20-KFPD0612



REFERENCE CONTECH DRAWINGS FOR OPENING SIZES AND LOCATIONS, 36"φ MAX.



PREPARED FOR:

TITLE: STORMFILTER 6 X 12 - BASE & ROOF SLAB & BAFFLE

PROJECT: STORMFILTER

DRAWN BY: KMK

CHECKED BY: SLV

SCALE: NONE

DATE: 6/2010

JOB No: 2008.025.064

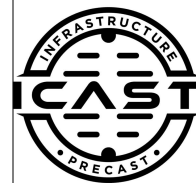
NUMBER: SFCX12



Job Name: 25-4299 - Seneca High School
 Job Location: Louisville, KY
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: 100
 2/17/2026 10:39:13 AM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: H7

P2 BX024024-06LD08S

CB FLAT TOP 8"W w/24" F/G F/F

- P3) 24" - CASTING HEIGHT - 0"
- P2) 24" x 24" - CB FLAT TOP 8"W w/24" F/G F/F - 6"
- P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 23"
- 1) CASTING - HOE MCS-260B F/G
- 1) This Structure Includes a Cast-in Item - HOE MCS-260B Frame Flange Side Up
- 1) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 20
- 1) Hole - 16

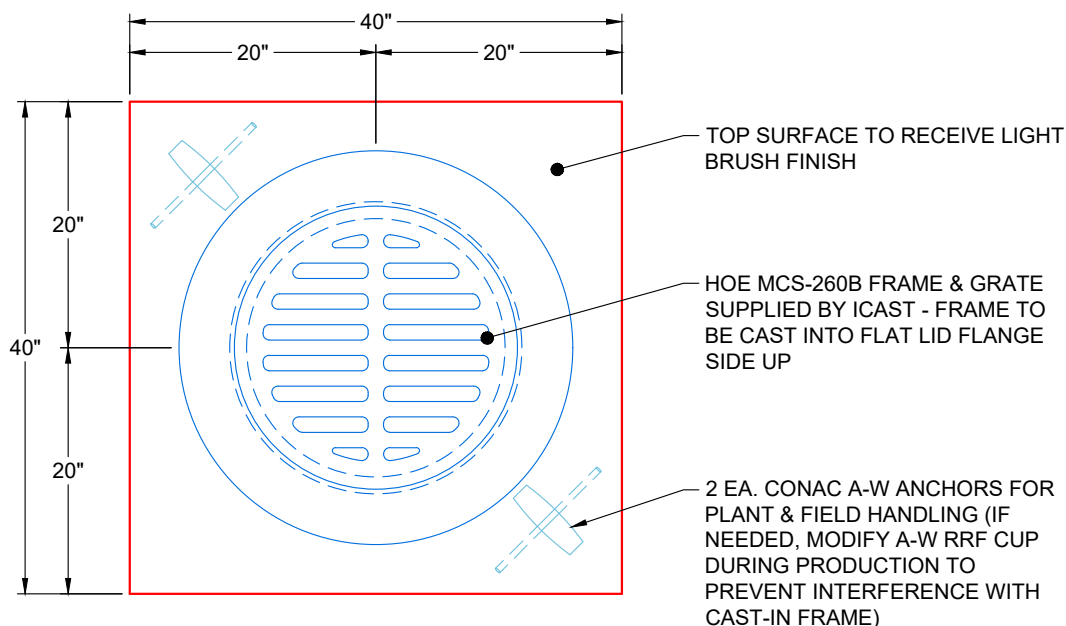
0 lb
 750 lb
 2705 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 3455 lb

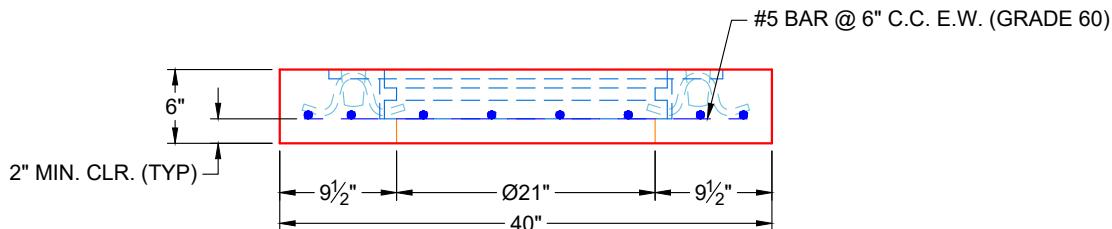
Structure Total:

Structure Notes:

1. PER LOUISVILLE MSD / 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. HOE MCS-260B FRAME & GRATE SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP
5. LIFTERS: 2 EA. CONAC A-W ANCHORS FOR PLANT & FIELD HANDLING
6. TOP SURFACE TO RECEIVE LIGHT BRUSH FINISH



PLAN VIEW
(RIGHT SIDE UP)



FRONT VIEW
(RIGHT SIDE UP)

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 6"

Weight (Net): 578 lb
 Volume (Net): 0.15cu.yd

Job Number:

25-4299

Job Name:

Dan Cristiani Excavating Co. Inc.

Structure:

H7

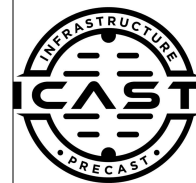
Note:

HOE MCS-260B Frame Supplied By
iCast To Be Cast Into Flat Lid
Flange Side Up

Job Name: 25-4299 - Seneca High School
 Job Location: Louisville, KY
 Contractor: Dan Cristiani Excavating Co. Inc.

Plant: 100
 2/17/2026 10:39:14 AM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: H9

P2 BX024024-06LD08S

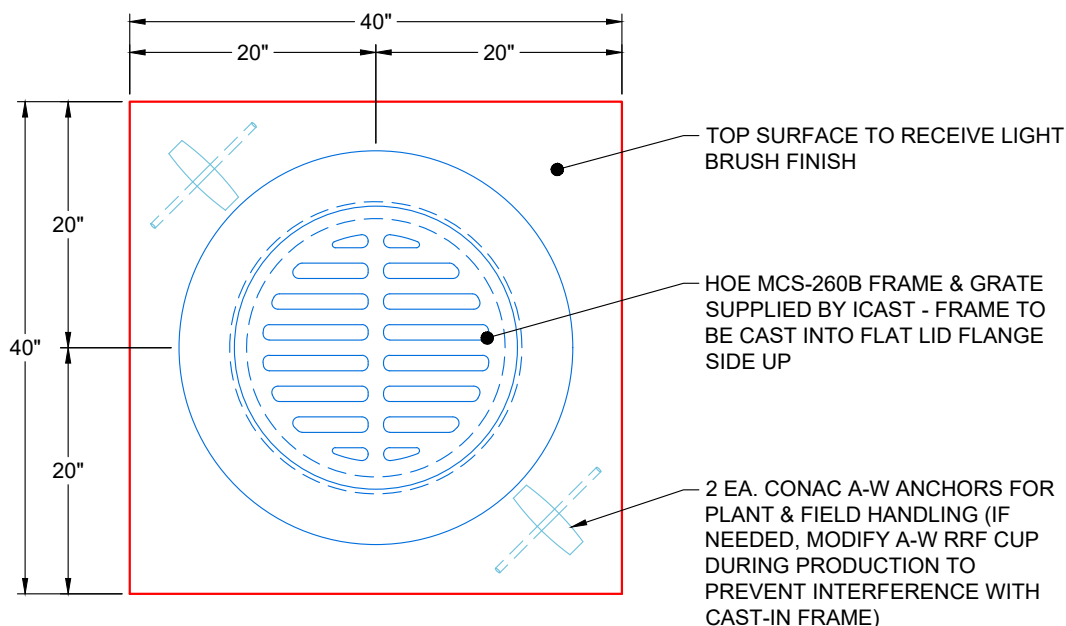
CB FLAT TOP 8"W w/24" F/G F/F

- P3) 24" - CASTING HEIGHT - 0"
- P2) 24" x 24" - CB FLAT TOP 8"W w/24" F/G F/F - 6"
- P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 19"
- 1) CASTING - HOE MCS-260B F/G
- 1) This Structure Includes a Cast-in Item - HOE MCS-260B Flange Side Up
- 1) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 14
- 1) Hole - 6

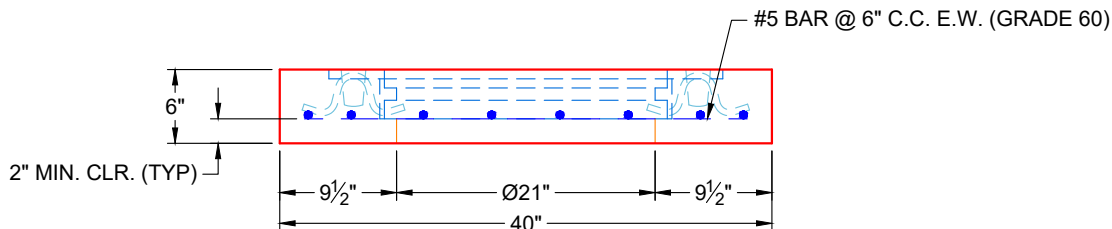
0 lb
 750 lb
 2584 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 3334 lb

- Structure Notes:**
1. PER LOUISVILLE MSD / 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. HOE MCS-260B FRAME & GRATE SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP
 5. LIFTERS: 2 EA. CONAC A-W ANCHORS FOR PLANT & FIELD HANDLING
 6. TOP SURFACE TO RECEIVE LIGHT BRUSH FINISH



PLAN VIEW
(RIGHT SIDE UP)



FRONT VIEW
(RIGHT SIDE UP)

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 6"

Weight (Net): 578 lb
 Volume (Net): 0.15cu.yd

Job Number:

25-4299

Job Name:

Dan Cristiani Excavating Co. Inc.

Structure:

H9

Note:

HOE MCS-260B Frame Supplied By
iCast To Be Cast Into Flat Lid
Flange Side Up