

Structure ID: 1

P3 MH036RS24

MH RISER T/G

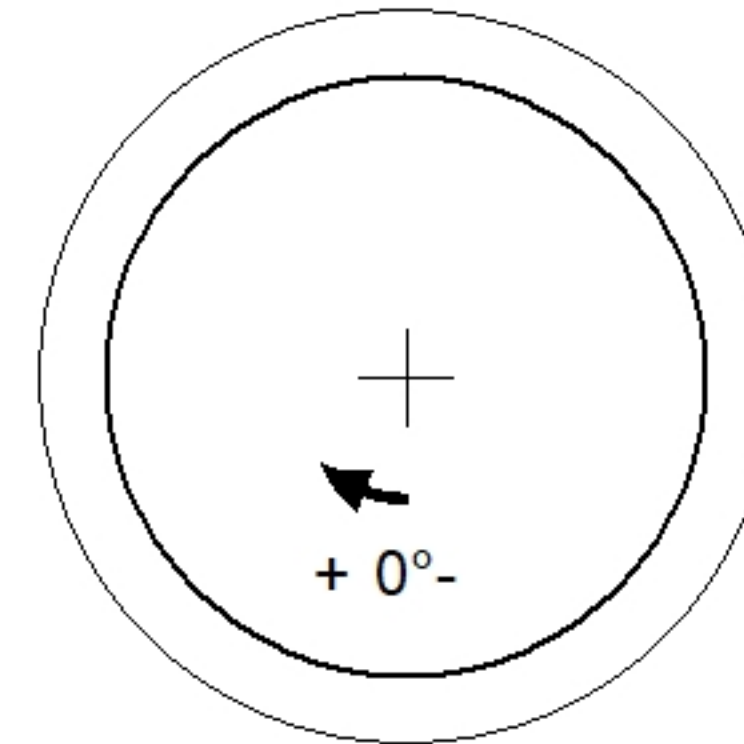
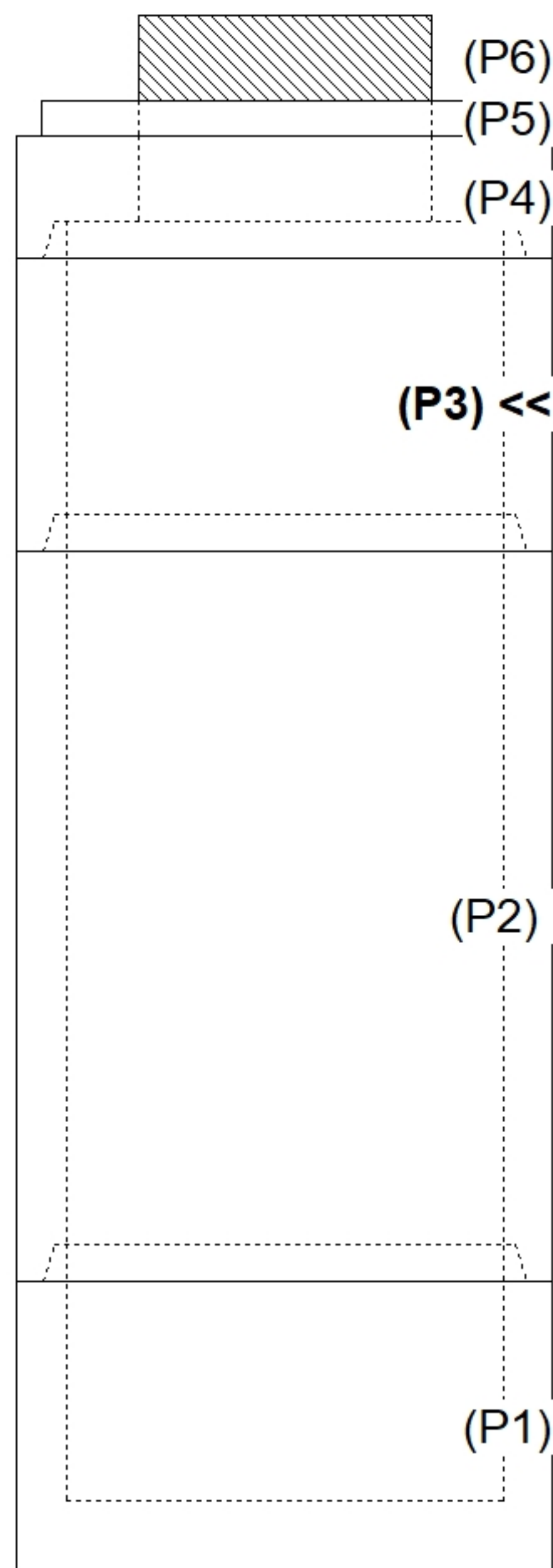
P6) 24" - CASTING HEIGHT - 7" P5) 24" - GRADE RING F/F - 3" P4) 36" - MH FLAT TOP w/ 24" Ctr. Hole F/G - 10" P3) 36" - MH RISER T/G - 24" P2) 36" - MH RISER T/G - 60" P1) 36" - MH BASE T/n - 18" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) ASSEMBLY REQUIRED 1) CASTING - HOE MC-375 F/C Storm 3) 36" - Conseal CS-102 1.00" (Double) 2) Hole - 12	0 lb 202 lb 896 lb 1012 lb 2454 lb 1525 lb 0 lb 0 lb 0 lb 0 lb 271 lb 0 lb 0 lb ----- 6360 lb	Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE MC-375 F/C "STORM"). 4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
--	---	--

Structure Total: 6360 lb

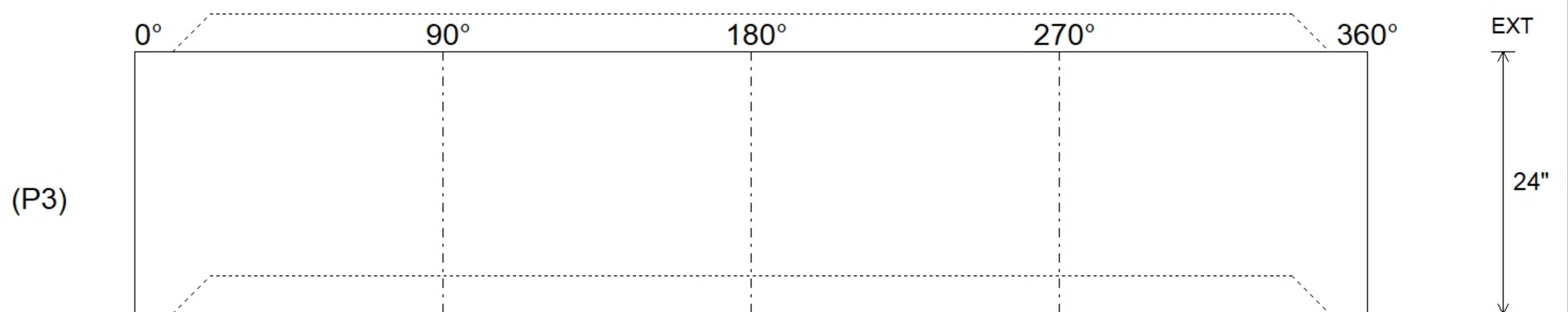
Rim: 558' Rim to Invert: 5.64' Slack: 0.64" Sump: 54.96" Step Position:

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):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 4" Floor Height: 0"	Height (Int): 24" Height (Ext): 24"
Coating (Ext):			Weight (Net): 1012 lb Volume (Net): 0.26cu.yd

Job Name: 25-1684P11 KYTC Jefferson Co. Call 200 (251007)
 Job Location: I-264 Louisville, Ky.
 Contractor: Cleary Construction, Inc.

Plant: Beaver Dam, Ky.
 5/28/2026 1:43:27 PM

Tech: N. Richards
 PC: J. Jarvis



Structure ID: 10+27 RT MH-A INLET 45A

P2 MH048CN36

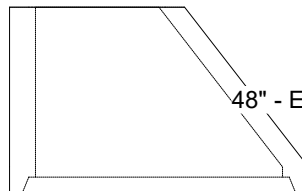
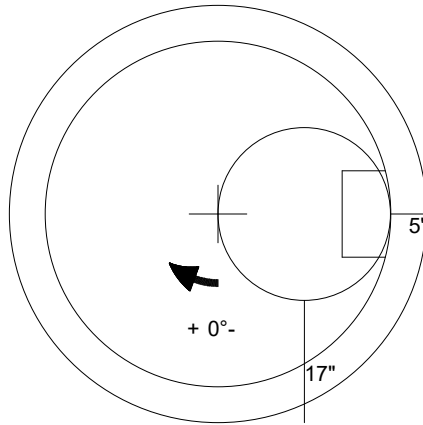
ECC CONE w/ 24" HOLE

- P3) 24" - CASTING HEIGHT - 8"
- P2) 48" - ECC CONE w/ 24" HOLE - 36"
- P1) 48" - MH BASE Custom Ht - 40"
- 1) 48" - Conseal CS-102 1.00"
- 1) 24" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 22
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb
 3000 lb
 3328 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Notes:
 -KYTC STATE PROJECT 251007
 -REINFORCING: PER ASTM C-478 SPECIFICATIONS.
 -TYPE 2 MANHOLE FRAME & COVER (BY OTHERS).
 -CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST).
 -KYTC CERTIFICATIONS REQUIRED.

Structure Total: 6328 lb



48" - ECC CONE w/ 24" HOLE - 36" - (P2)

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

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

Job Name: 24-1164 Paddy's Run Flood PS Job Location: Louisville, Ky. Contractor: Core & Main LP (Lou)	Plant: Beaver Dam, Ky. 5/19/2026 8:37:14 AM	Tech: S. Felletter PC:	
---	--	---------------------------	--

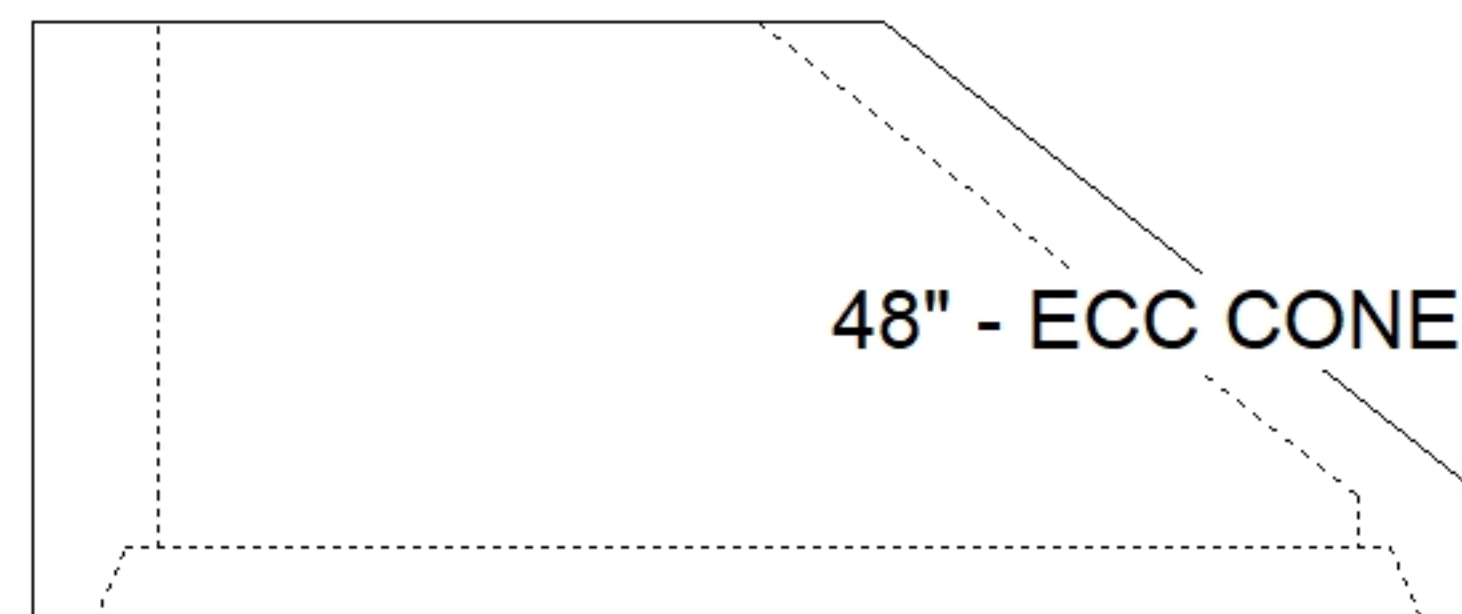
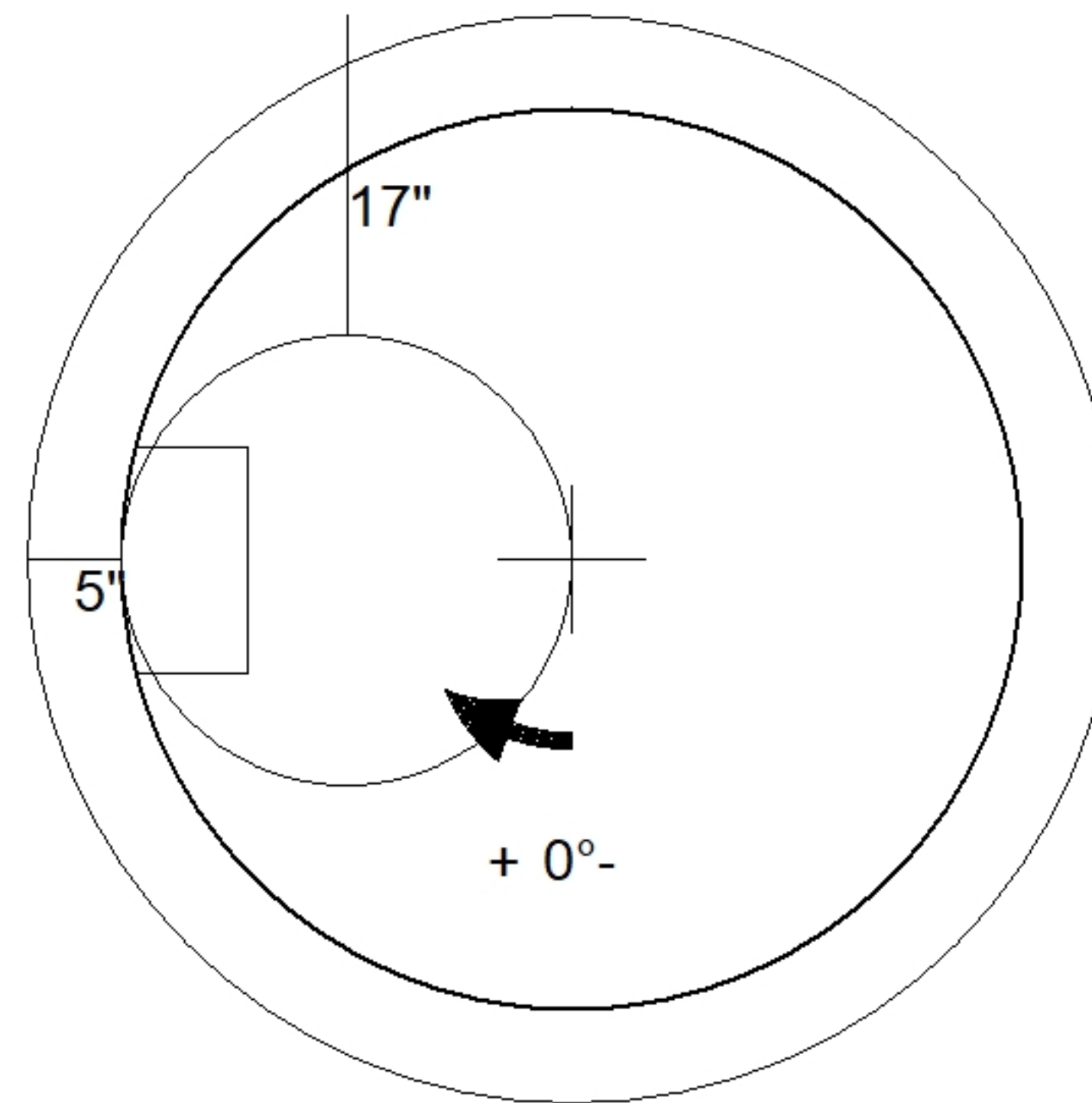
Structure ID: MH 2 (2+91)

P2 MH048CN24

ECC CONE w/ 24" HOLE F/G

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 24"	1550 lb
P1) 48" - MH BASE T/n - 24"	2789 lb
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT	1075 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) Chimney Seal - Trelleborg FlexRib Chimney Seal	10 lb
1) CASTING - HOE WT-420-MSD F/C Storm	340 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 18M DD	16 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	5780 lb

Structure Notes: 1. PER ASTM C478 & MSD SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. CASTING BY ICST (HOE MC-420).
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" - ECC CONE w/ 24" HOLE F/G - 24" - (P2)

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 24"	Weight (Net): 1550 lb Volume (Net): 0.33cu.yd
----------------------------------	----------------------------------	--------------------	-------------------	--

Job Name: 24-1164 Paddy's Run Flood PS Job Location: Louisville, Ky. Contractor: Core & Main LP (Lou)	Plant: Beaver Dam, Ky. 5/19/2026 8:37:13 AM	Tech: S. Felletter PC:	
---	--	---------------------------	--

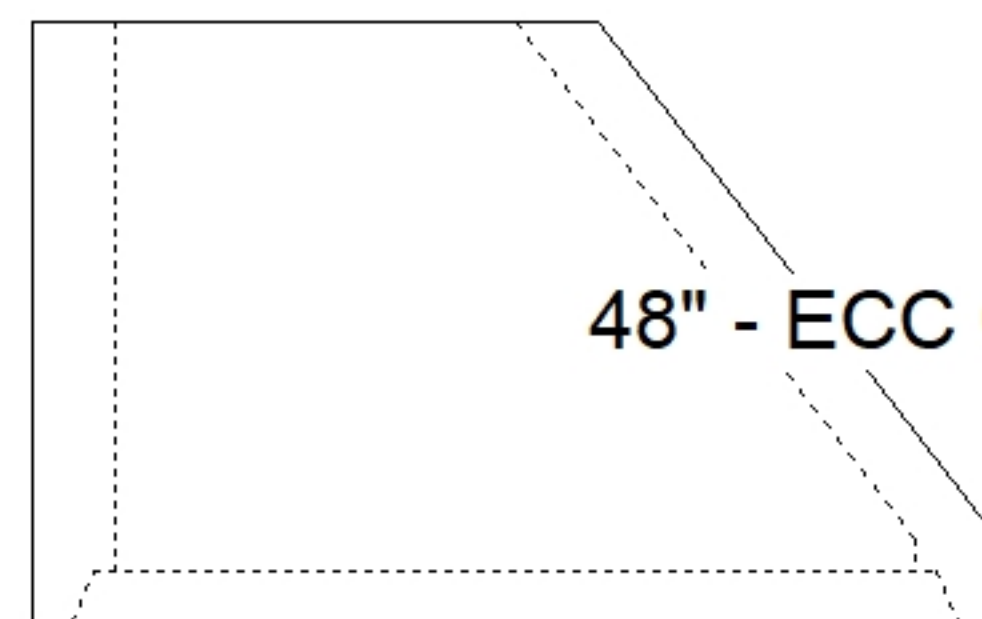
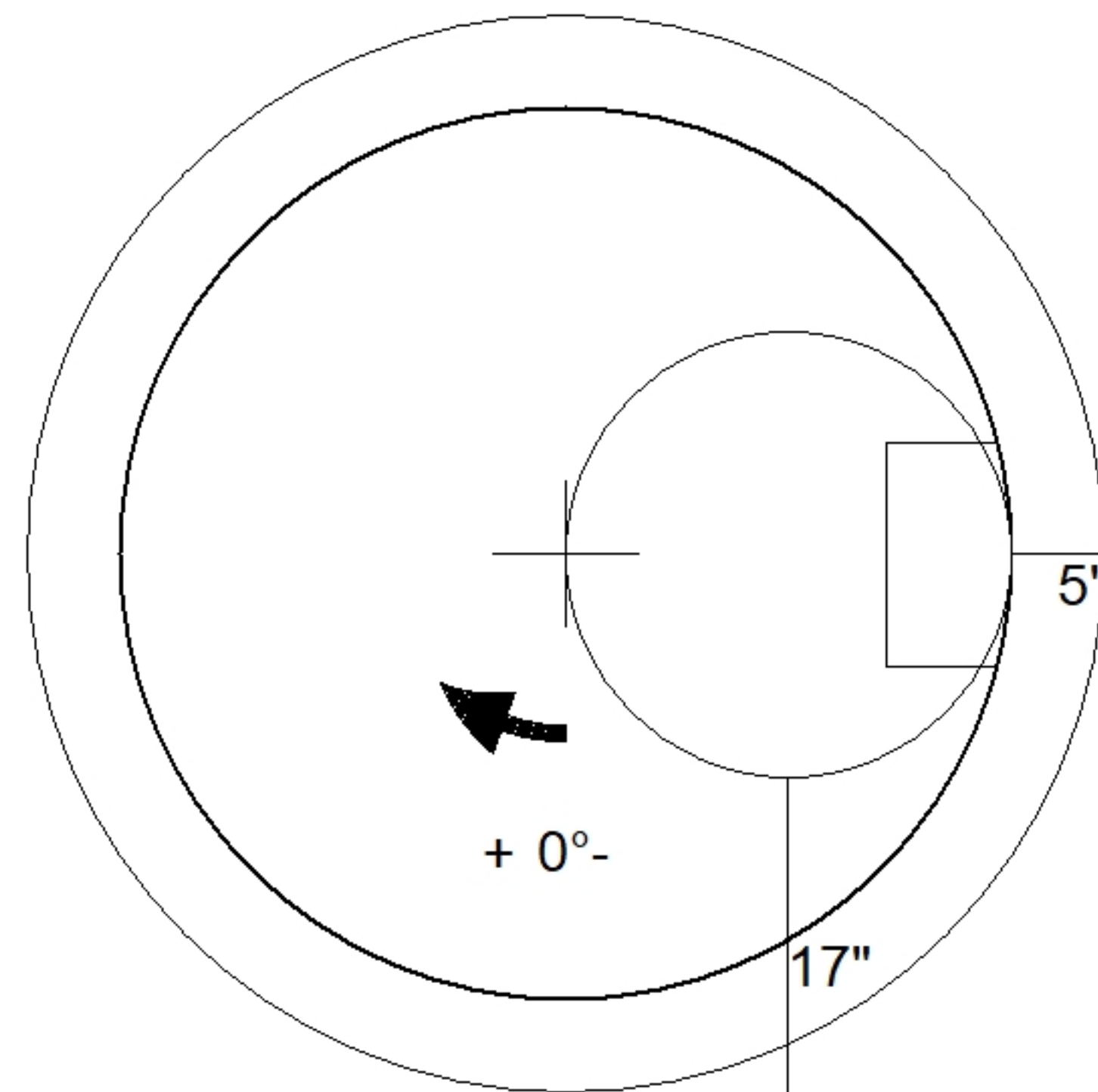
Structure ID: MH 1 (3+75)

P2 MH048CN36

ECC CONE w/ 24" HOLE F/G

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 36"	3000 lb
P1) 48" - MH BASE T/n - 30"	3269 lb
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT	1075 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) Chimney Seal - Trelleborg FlexRib Chimney Seal	10 lb
1) CASTING - HOE WT-420-MSD F/C Storm	340 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 18M DD	8 lb
1) PSX - 12-06 NYLO	8 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7710 lb

Structure Notes: 1. PER ASTM C478 & MSD SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. CASTING BY ICST (HOE MC-420).
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" - ECC CONE w/ 24" HOLE F/G - 36" - (P2)

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 36"	Weight (Net): 3000 lb Volume (Net): 0.5cu.yd
----------------------------------	----------------------------------	--------------------	-------------------	---

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

Plant: Beaver Dam, Ky.
 5/18/2026 11:42:52 AM

Tech: S. Felletter
 PC:



Structure ID: MH 3 (2+08)

P2 MH048LD12ECC

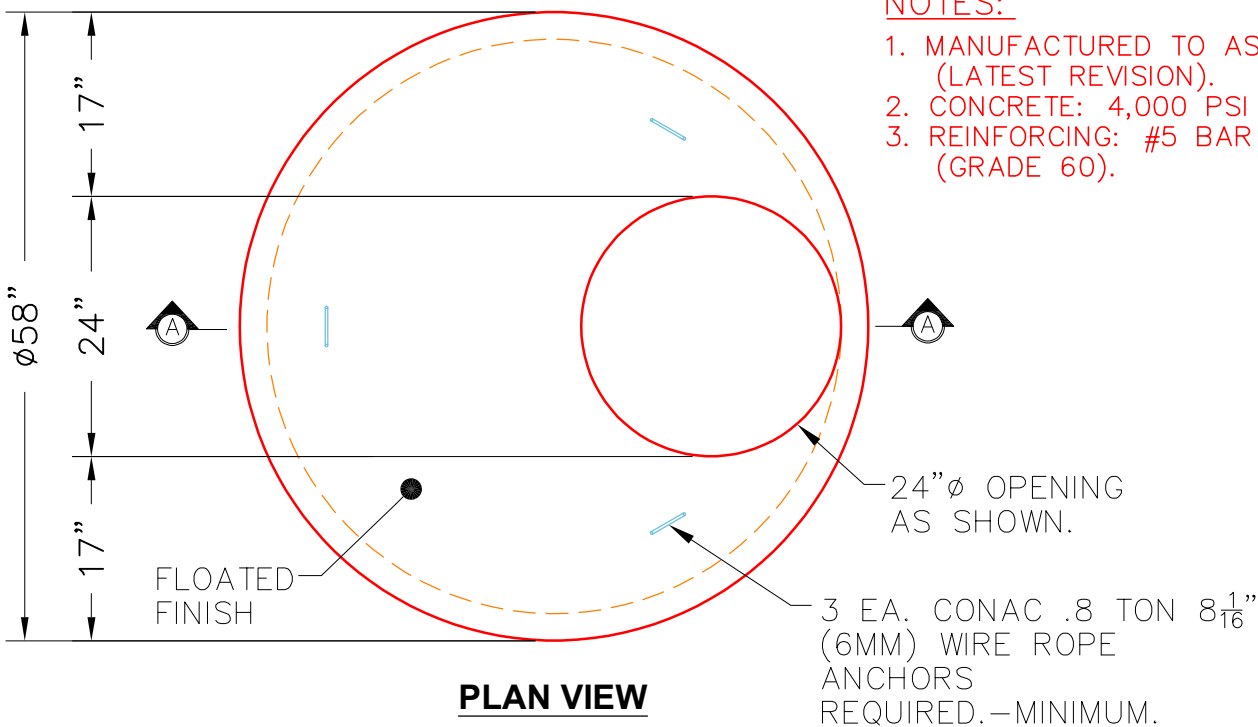
MH FLAT TOP w/ 24" ECC Hole F/G

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 39"
- 1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) Chimney Seal - Trelleborg FlexRib Chimney Seal
- 1) CASTING - HOE WT-420-MSD F/C Storm
- 1) 48" - Conseal CS-102 1.00" (Double)
- 1) 24" - Conseal CS-102 1.00" (Double)
- 2) PSX - 18M DD
- 1) PSX - 12-06 NYLO
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 1561 lb
 3789 lb
 1075 lb
 0 lb
 0 lb
 10 lb
 340 lb
 0 lb
 0 lb
 16 lb
 8 lb
 0 lb

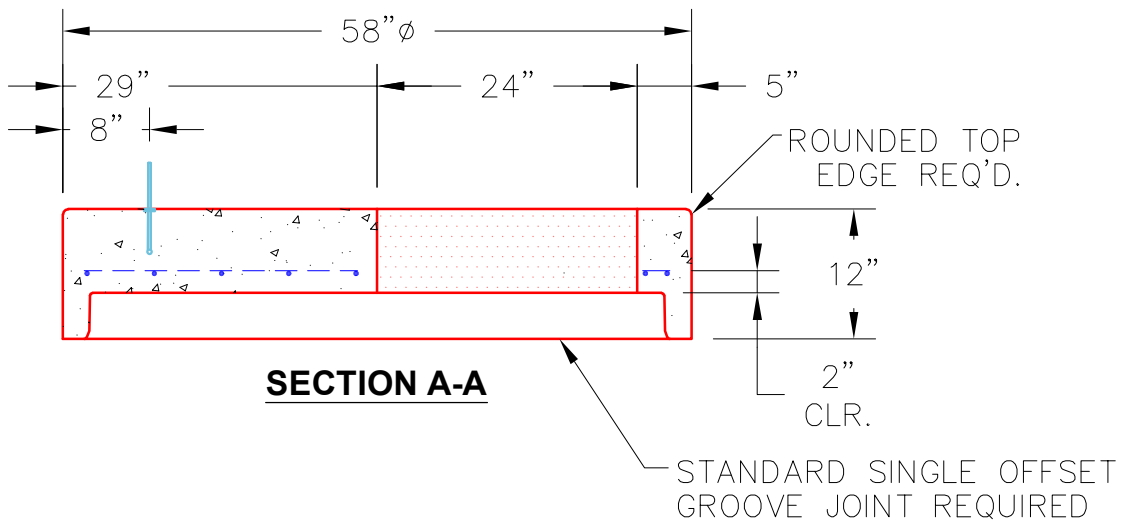
 Structure Total: 6799 lb

Structure Notes: 1. PER ASTM C478 & MSD SPECIFICATIONS.
 2. CONCRETE = 5,000 PSI AT 28 DAYS.
 3. CASTING BY ICST (HOE MC-420).
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12).
 - RISER/WALLS (As .12).
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.



NOTES:

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



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 12"

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

Job Name: 26-1075 - Walmart Fuel Station 00674-1008
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100
 5/26/2026 12:09:59 PM

Tech: Jared - A
 PC: T. Lewis



Structure ID: JB 2 (1)

P2 MH048LD12ECC

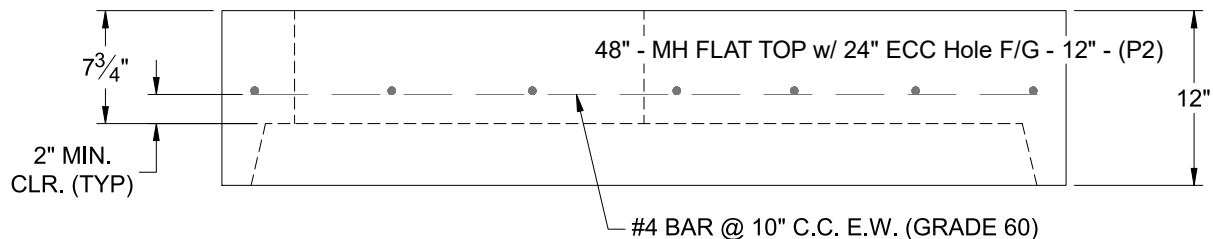
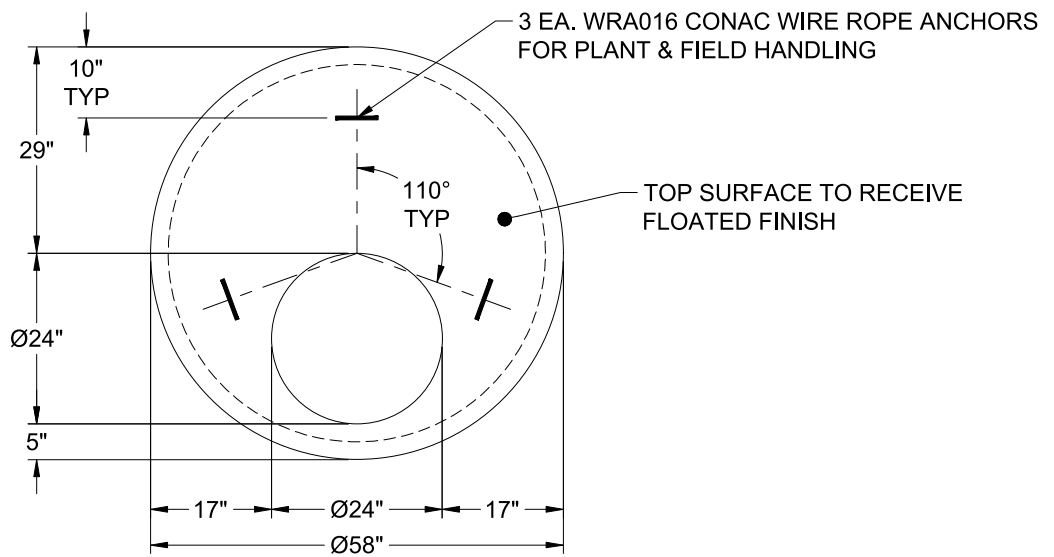
MH FLAT TOP w/ 24" ECC Hole F/G

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"
- P1) 48" - MH BASE w/FLANGE T/n - 36"
- 1) CASTING - JBS 1150 F/C STORM
- 1) 48" - Conseal CS-102 1.00"
- 1) 24" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 12

0 lb
 1561 lb
 4722 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb

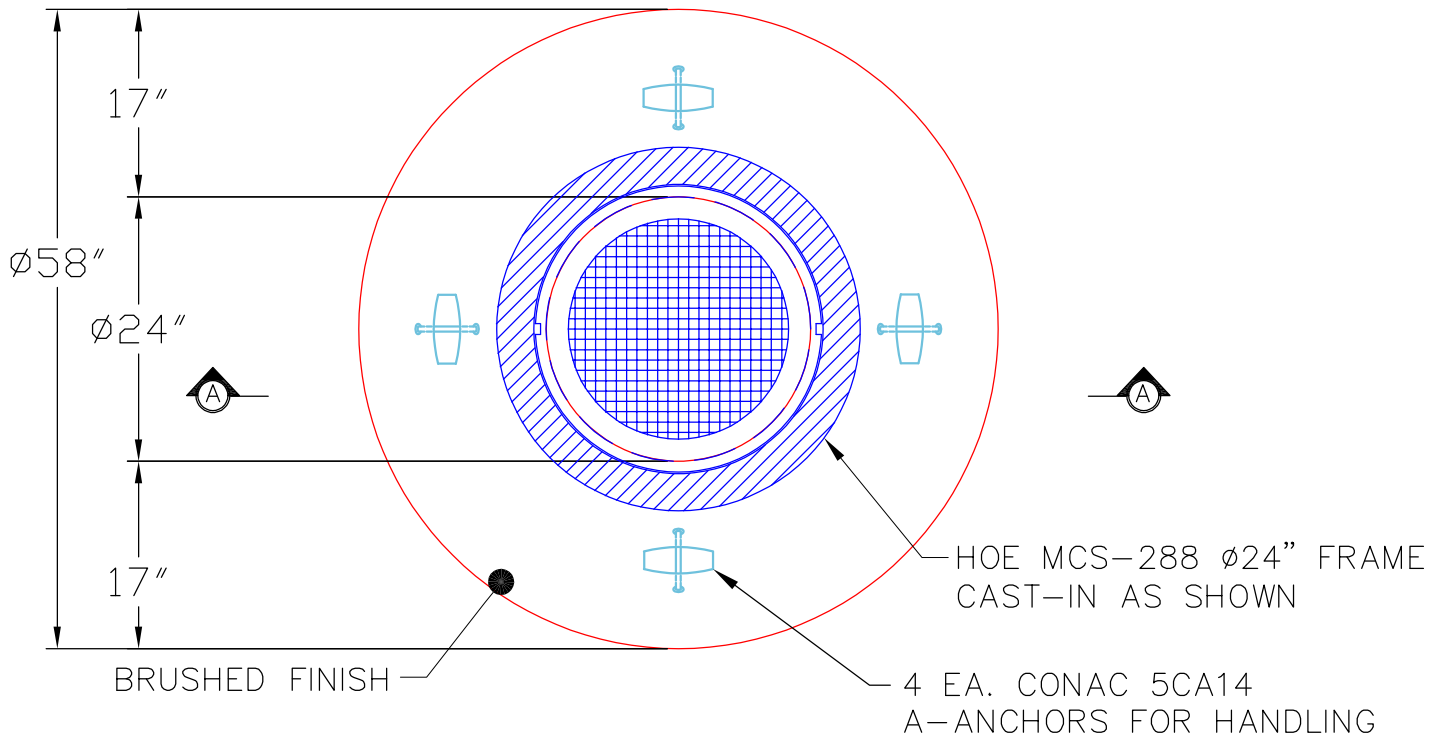
 Structure Total: 6533 lb

- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. JBS 1150 FRAME & COVER "STORM" SUPPLIED BY ICAST
 5. LIFTERS: 3 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
 6. TOP SURFACE TO RECEIVE FLOATED FINISH

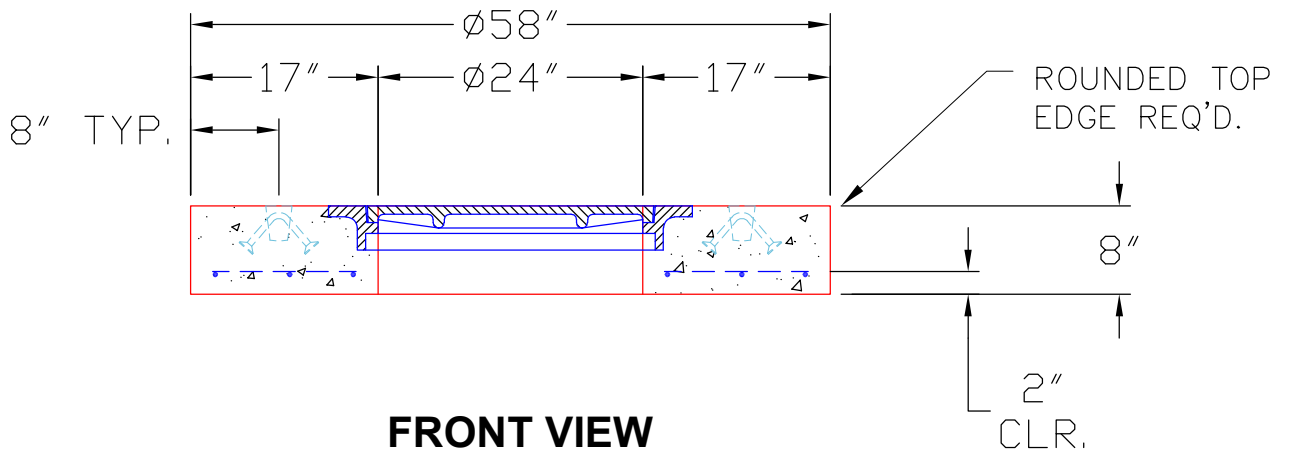


Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 12"	Weight (Net): 1561 lb Volume (Net): 0.42cu.yd
----------------------------------	----------------------------------	--------------------	-------------------	--

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.



TOP VIEW



FRONT VIEW

NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. REINFORCING: #4 BAR @ 9" O.C. E.W. (GRADE 60).

<p>PRODUCTION WORK ORDER</p>		<p>PRODUCT I.D.: MH06LD08CC</p>	<p>DESCRIPTION: 48"Ø X 8" MH TOP SLAB W/ Ø24" CONCENTRIC OPENING</p>	
	<p>QUALITY CONTROL CHECKLIST</p>	<p>PRODUCT VIEW: RIGHT SIDE UP</p>	<p>CUSTOMER: ADS ADVANCED DRAINAGE SYSTEMS, INC.</p>	
	<input type="checkbox"/> ALL DIMENSIONS CORRECT.	<p>PLANT: BEAVER DAM, KY.</p>	<p>PROJECT: ADS 2707 MEMORIAL BLVD</p>	
	<input type="checkbox"/> LIFTERS INSTALLED.	<p>WEIGHT: 1,470 LBS.</p>	<p>STRUCTURE: S4 TOP SLAB</p>	
	<input type="checkbox"/> HOLE LOCATION CORRECT.	<p>TOP SECTION JOINT: N/A</p>	<p>QUOTE/SALES ORDER NO: 26-2255</p>	
	<input type="checkbox"/> REINFORCING CORRECT.	<p>BASE SECTION JOINT: N/A</p>	<p>PC: T. RYAN</p>	<p>DRAWING: S. FELLETTA</p>
	<input type="checkbox"/> FINISH ON SLAB SURFACE UNIFORM.	<p>QC CHECK INITIALS:</p>	<p>DATE: 05/19/26</p>	<p>SCALE: NTS</p>
<input type="checkbox"/> OUTSIDE TOP EDGE TROWELLED.				
<input type="checkbox"/> FLAT BOTTOM.				

Job Name: 25-2422 - Woodland Springs Section 3 (Sanitary)
 Job Location: Clarksville, TN
 Contractor: Byard Construction, LLC

Plant: 100

5/14/2026 2:16:05 PM

Tech: Jared - A

PC: A. Chambers



Structure ID: A-9

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 6"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) CASTING - JBS 1155 F/C SANITARY
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) 24" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 9) MH Step ML-10-TDS-NCR - 10"

0 lb
 3116 lb
 2515 lb
 3330 lb
 1440 lb
 0 lb
 0 lb
 0 lb
 250 lb
 0 lb
 0 lb
 16 lb
 0 lb

 10667 lb

- Structure Notes:
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. INVERT CHANNEL REQUIRED
 5. CONBLOCK CDA RED ADMIXTURE REQUIRED
 6. STEPS AT 269 DEGREES
 7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

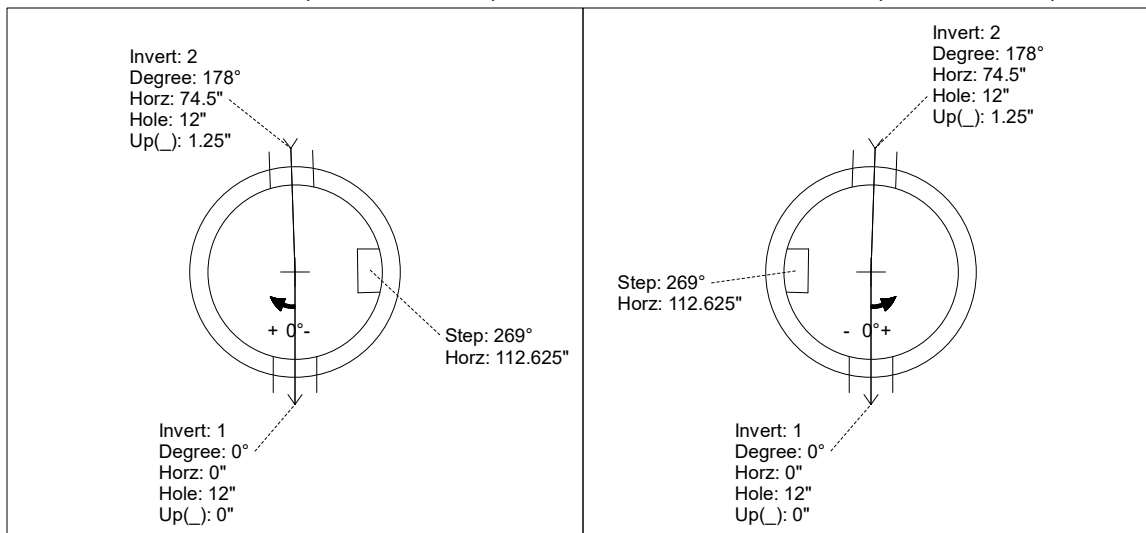
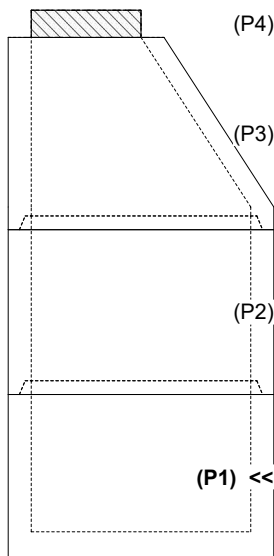
Structure Total: 10667 lb

Rim: 462.12' Rim to Invert: 9.49' Slack: 1.88" Sump: 2" Step Position: 269°

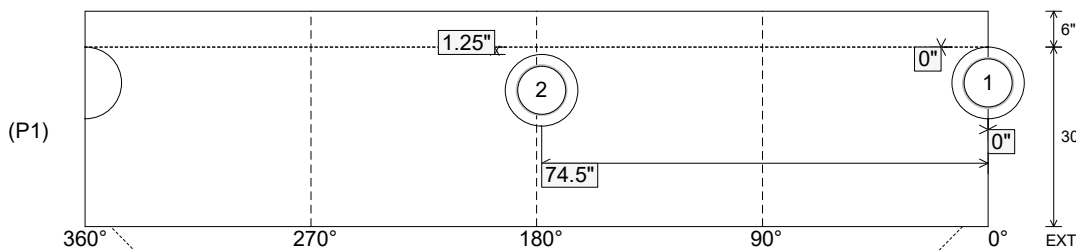
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	452.63'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	452.73'	178°	90.125"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

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

Structure ID: A-9

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

P4) 24" - CASTING HEIGHT - 6" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30" 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) ADMIXTURE CONBLOCK CDA RED 1) CASTING - JBS 1155 F/C SANITARY 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 9) MH Step ML-10-TDS-NCR - 10"	0 lb 3116 lb 2515 lb 3330 lb 1440 lb 0 lb 0 lb 0 lb 250 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 10667 lb
---	---

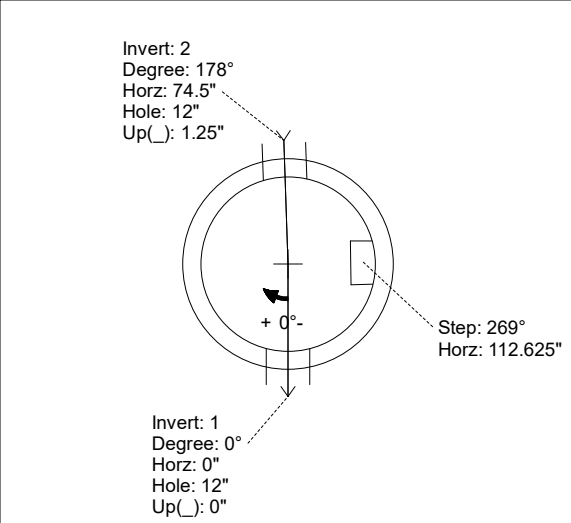
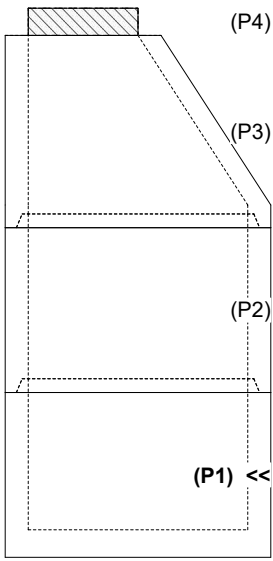
Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615
4. INVERT CHANNEL REQUIRED
5. CONBLOCK CDA RED ADMIXTURE REQUIRED
6. STEPS AT 269 DEGREES
7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 462.12' Rim to Invert: 9.49' Slack: 1.88" Sump: 2" Step Position: 269°

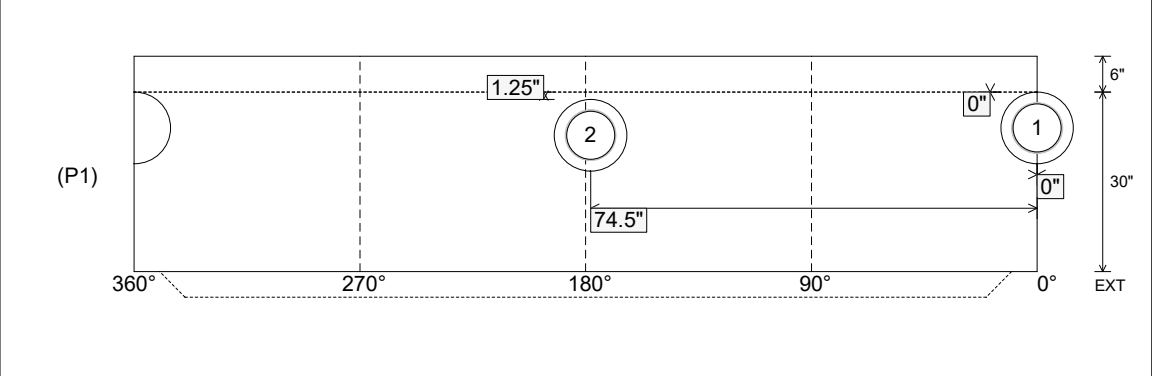
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	452.63'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	452.73'	178°	90.125"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions) UPSIDE-DOWN VIEW (int. dimenions)



INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS



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

Job Name: 25-2422 - Woodland Springs Section 3 (Sanitary)
 Job Location: Clarksville, TN
 Contractor: Byard Construction, LLC

Plant: 100

5/14/2026 2:16:04 PM

Tech: Jared - A

PC: A. Chambers



Structure ID: A-8

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 6"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 24"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) CASTING - JBS 1155 F/C SANITARY
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) 24" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 9) MH Step ML-10-TDS-NCR - 10"

0 lb
 1738 lb
 4192 lb
 2911 lb
 1440 lb
 0 lb
 0 lb
 0 lb
 250 lb
 0 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 10547 lb

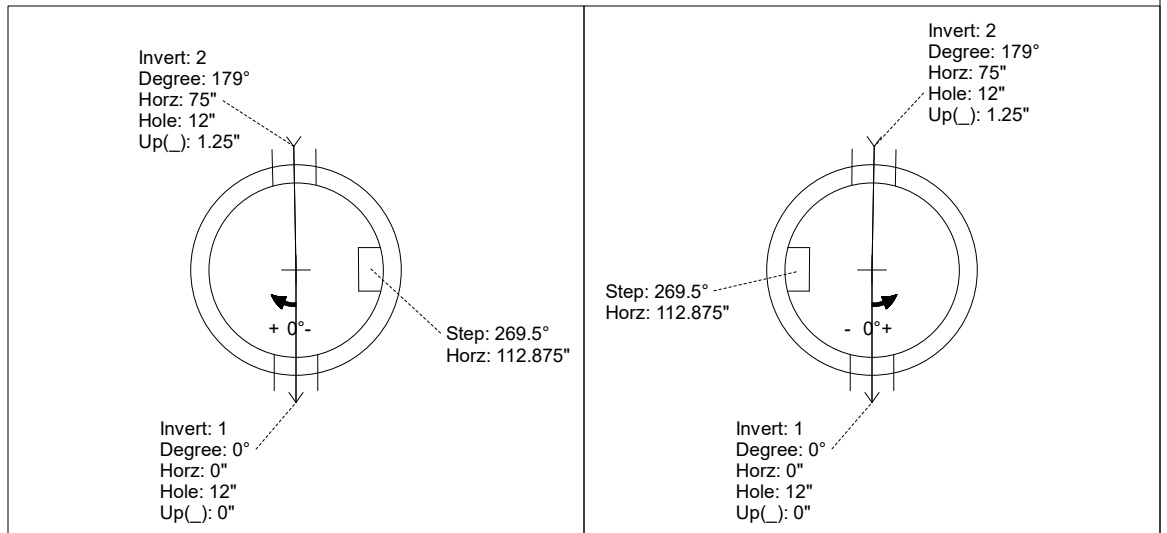
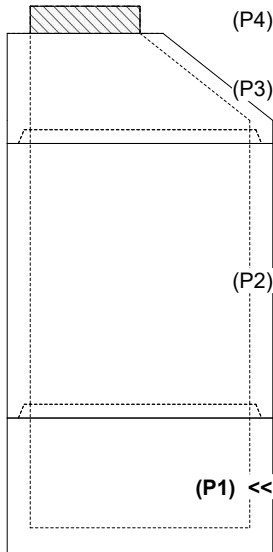
- Structure Notes:
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. INVERT CHANNEL REQUIRED
 5. CONBLOCK CDA RED ADMIXTURE REQUIRED
 6. STEPS AT 269.5 DEGREES
 7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 447.43' Rim to Invert: 9.57' Slack: 2.84" Sump: 2" Step Position: 269.5°

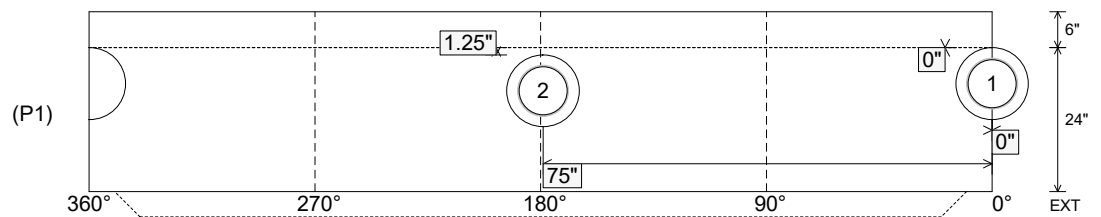
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	437.86'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	437.96'	179°	90.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

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

Structure ID: A-8

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

P4) 24" - CASTING HEIGHT - 6" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 24" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24" 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) ADMIXTURE CONBLOCK CDA RED 1) CASTING - JBS 1155 F/C SANITARY 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) PSX - 12-08 NYLO 9) MH Step ML-10-TDS-NCR - 10"	0 lb 1738 lb 4192 lb 2911 lb 1440 lb 0 lb 0 lb 0 lb 250 lb 0 lb 0 lb 16 lb 0 lb ----- Structure Total: 10547 lb
---	---

Structure Notes:

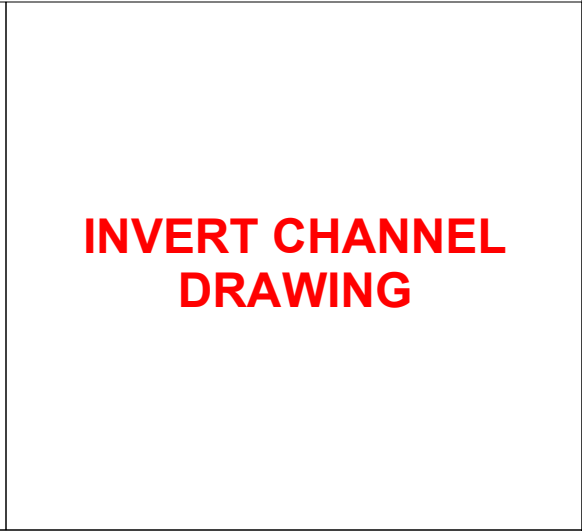
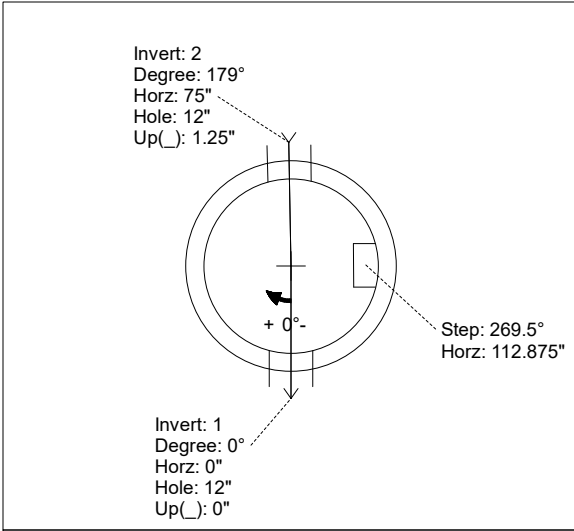
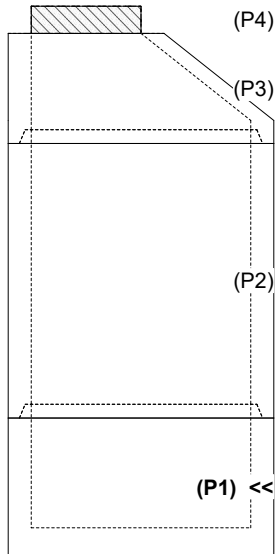
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615
4. INVERT CHANNEL REQUIRED
5. CONBLOCK CDA RED ADMIXTURE REQUIRED
6. STEPS AT 269.5 DEGREES
7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 447.43' Rim to Invert: 9.57' Slack: 2.84" Sump: 2" Step Position: 269.5°

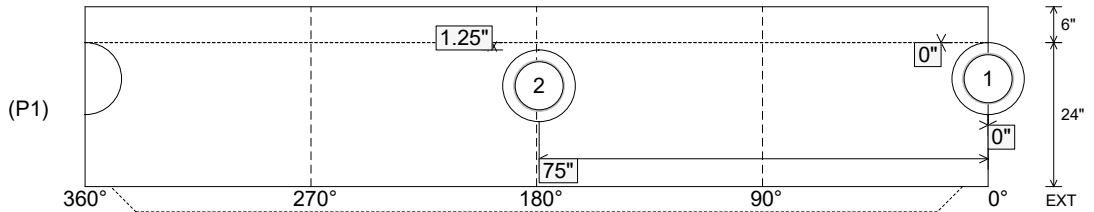
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	437.86'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	437.96'	179°	90.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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): 24" Height (Ext): 30"	Weight (Net): 2911 lb Volume (Net): 0.74cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 25-2422 - Woodland Springs Section 3 (Sanitary)
 Job Location: Clarksville, TN
 Contractor: Byard Construction, LLC

Plant: 100

5/14/2026 2:16:03 PM

Tech: Jared - A

PC: A. Chambers



Structure ID: A-7

P1 MH048BA36CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 6"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
- P2) 48" - MH RISER SPECIAL w/ConBlock-CDA Red T/G - 60"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) CASTING - JBS 1155 F/C SANITARY
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) 24" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 1) PSX - 8QRS DD
- 12) MH Step ML-10-TDS-NCR - 10"

0 lb
 3116 lb
 4170 lb
 3749 lb
 1440 lb
 0 lb
 0 lb
 0 lb
 250 lb
 0 lb
 0 lb
 16 lb
 6 lb
 0 lb

- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. INVERT CHANNEL REQUIRED
 5. CONBLOCK CDA RED ADMIXTURE REQUIRED
 6. STEPS AT 286.5 DEGREES
 7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

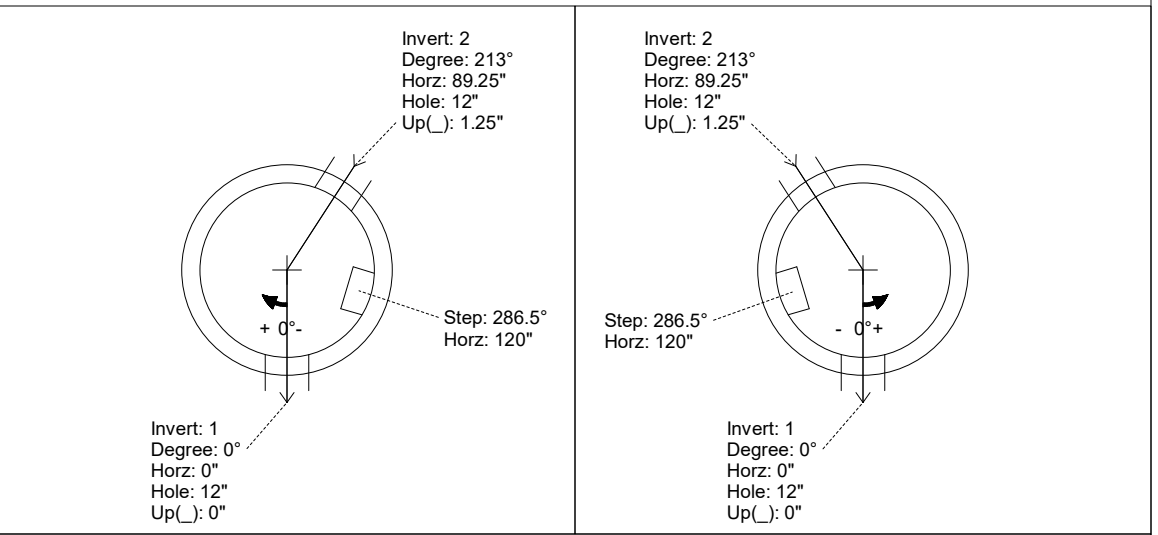
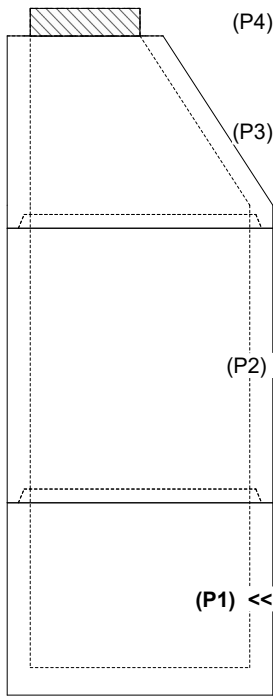
Structure Total: 12749 lb

Rim: 438.1' Rim to Invert: 12.04' Slack: 2.48" Sump: 2" Step Position: 286.5°

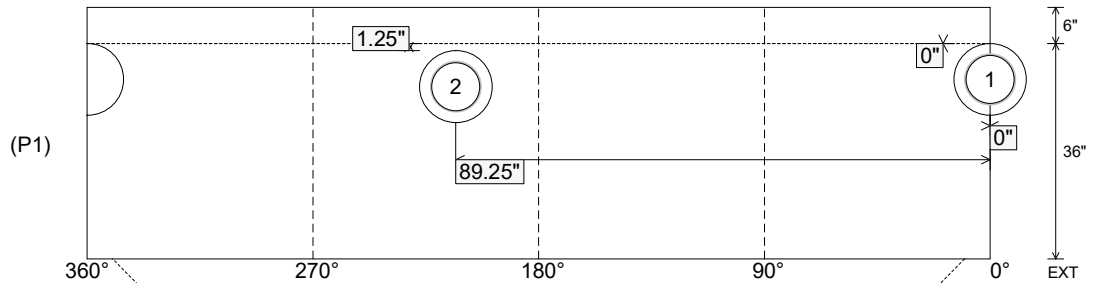
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	426.06'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	426.16'	213°	107.75"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

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

Structure ID: A-7

P1 MH048BA36CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 6"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
- P2) 48" - MH RISER SPECIAL w/ConBlock-CDA Red T/G - 60"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) CASTING - JBS 1155 F/C SANITARY
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) 24" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 1) PSX - 8QRS DD
- 12) MH Step ML-10-TDS-NCR - 10"

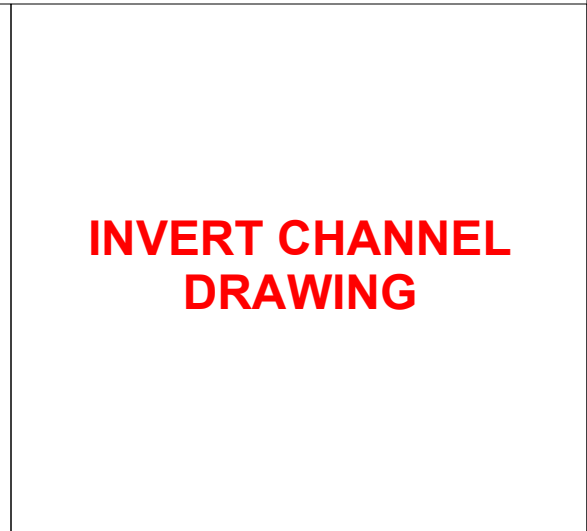
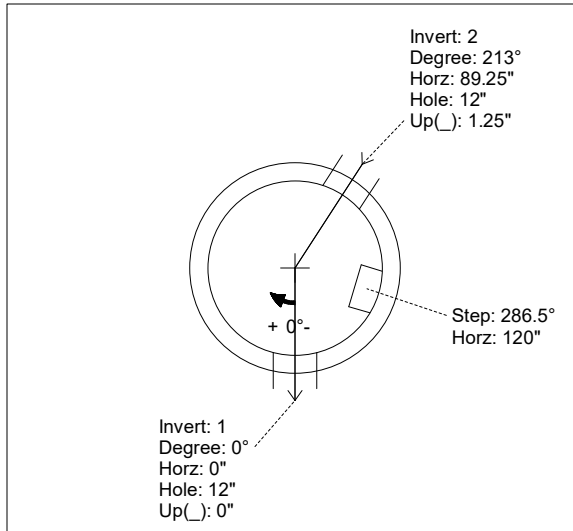
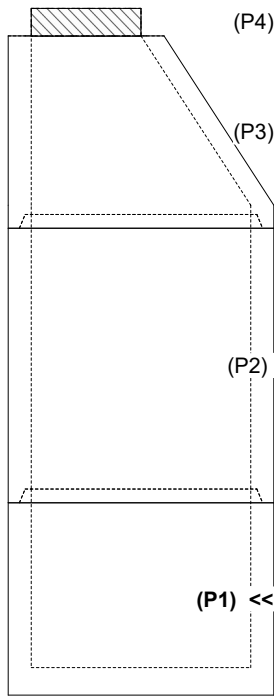
	0 lb	Structure Notes:
	3116 lb	1. PER ASTM C-478 SPECIFICATIONS
	4170 lb	2. CONCRETE: 4,000 PSI AT 28 DAYS
	3749 lb	3. REINFORCEMENT: PER ASTM A615
	1440 lb	4. INVERT CHANNEL REQUIRED
	0 lb	5. CONBLOCK CDA RED ADMIXTURE REQUIRED
	0 lb	6. STEPS AT 286.5 DEGREES
	250 lb	7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST
	0 lb	
	0 lb	
	16 lb	
	6 lb	
	0 lb	
Structure Total:	12749 lb	

Rim: 438.1' Rim to Invert: 12.04' Slack: 2.48" Sump: 2" Step Position: 286.5°

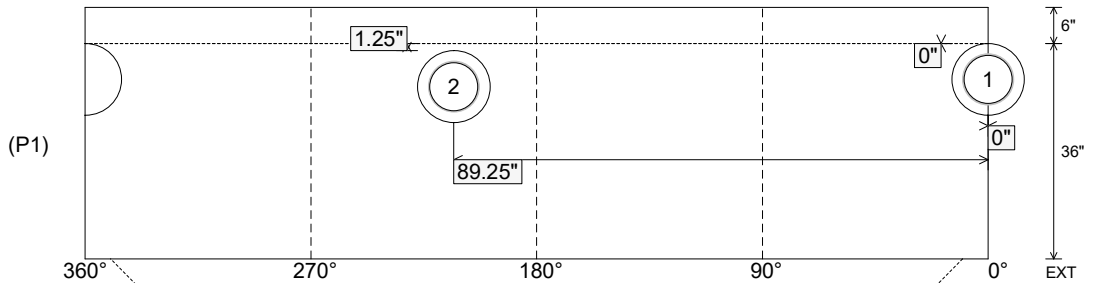
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	426.06'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	426.16'	213°	107.75"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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): 36" Height (Ext): 42"	Weight (Net): 3749 lb Volume (Net): 0.96cu.yd
----------------------------------	---------------------------------	--	--	--

Structure ID: A-7

P2 MH048RS60SCDR

MH RISER SPECIAL w/ConBlock-CDA Red T/G

- P4) 24" - CASTING HEIGHT - 6"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
- P2) 48" - MH RISER SPECIAL w/ConBlock-CDA Red T/G - 60"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 36"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) CASTING - JBS 1155 F/C SANITARY
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) 24" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 1) PSX - 8QRS DD
- 12) MH Step ML-10-TDS-NCR - 10"

0 lb
 3116 lb
 4170 lb
 3749 lb
 1440 lb
 0 lb
 0 lb
 0 lb
 250 lb
 0 lb
 0 lb
 16 lb
 6 lb
 0 lb

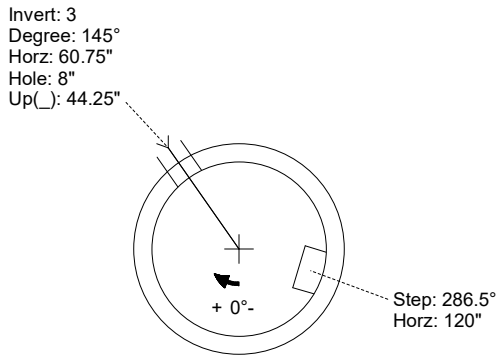
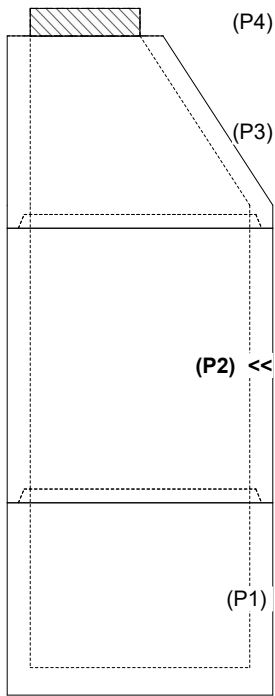
- Structure Notes:
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. CONBLOCK CDA RED ADMIXTURE REQUIRED
 5. STEPS AT 286.5 DEGREES
 6. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST
 7. INTERNAL DROP ASSEMBLY AT INVERT 3 BY OTHERS

Structure Total: 12749 lb

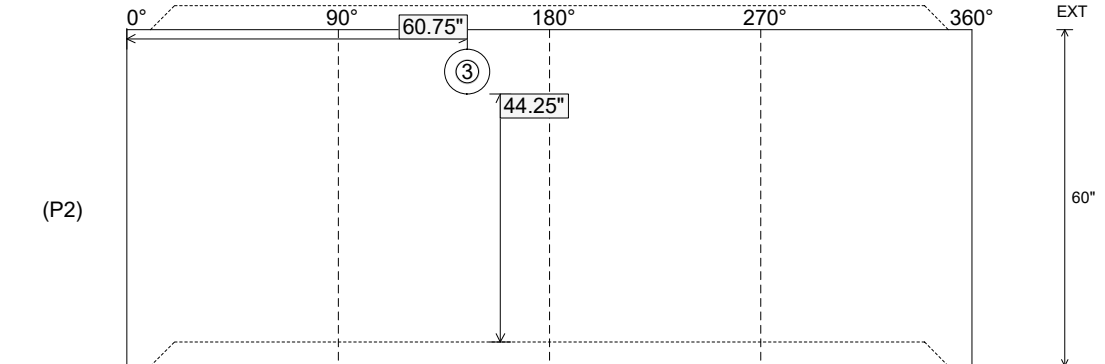
Rim: 438.1' Rim to Invert: 12.04' Slack: 2.48" Sump: 2" Step Position: 286.5°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2										
Invert 3	433.1'	145°	73.375"	4" PVC SDR35	4.25"	PSX 8QRS DD	8"	8.038"	44.25"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 60" Height (Ext): 60"	Weight (Net): 4170 lb Volume (Net): 1.06cu.yd
----------------------------------	------------------------------------	--	--	--

Job Name: 25-2422 - Woodland Springs Section 3 (Sanitary)
 Job Location: Clarksville, TN
 Contractor: Byard Construction, LLC

Plant: 100

5/14/2026 2:16:02 PM

Tech: Jared - A

PC: A. Chambers



Structure ID: A-6

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 6"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) ADMIXTURE CONBLOCK CDA RED
- 1) CASTING - JBS 1155 F/C SANITARY
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) 24" - Conseal CS-102 1.00" (Double)
- 3) PSX - 12-08 NYLO
- 9) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 3353 lb
 2863 lb
 1440 lb
 0 lb
 0 lb
 0 lb
 250 lb
 0 lb
 0 lb
 24 lb
 0 lb

 Structure Total: 10182 lb

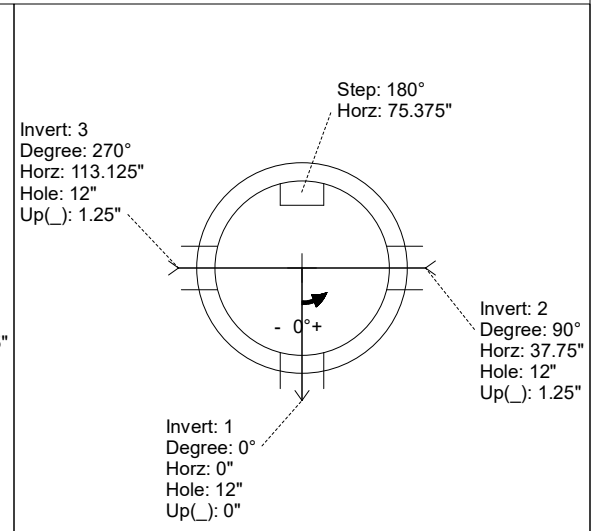
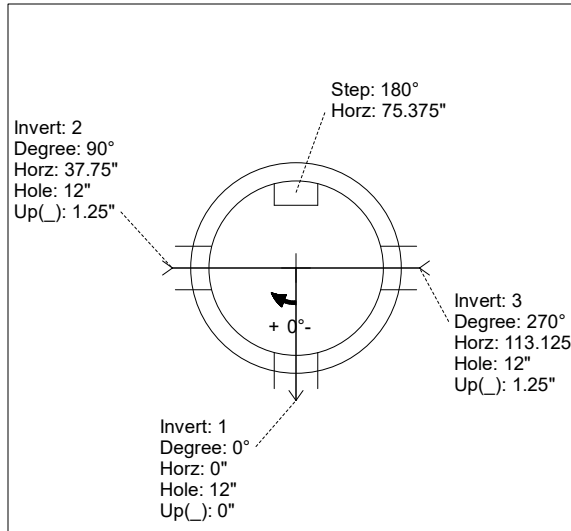
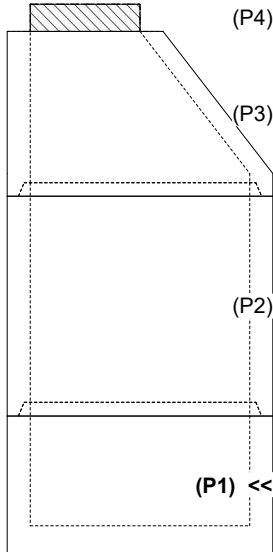
- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. INVERT CHANNEL REQUIRED
 5. CONBLOCK CDA RED ADMIXTURE REQUIRED
 6. STEPS AT 180 DEGREES
 7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 427.41' Rim to Invert: 9.45' Slack: 1.4" Sump: 2" Step Position: 180°

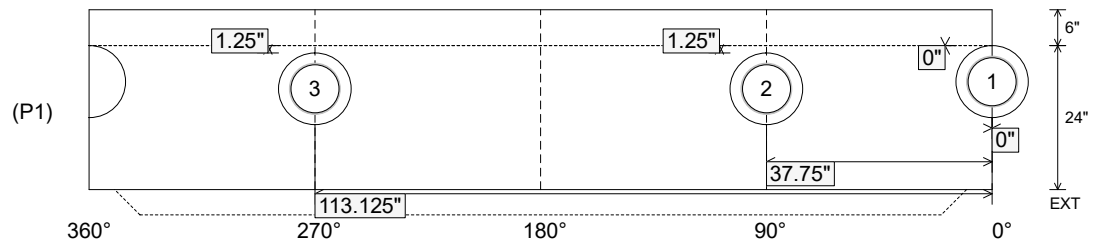
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	417.96'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	418.06'	90°	45.5"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3	418.06'	270°	136.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	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: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2863 lb
 Volume (Net): 0.73cu.yd

Structure ID: A-6

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

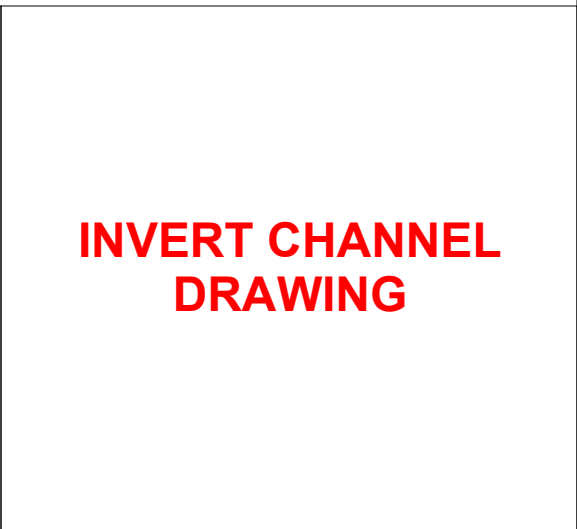
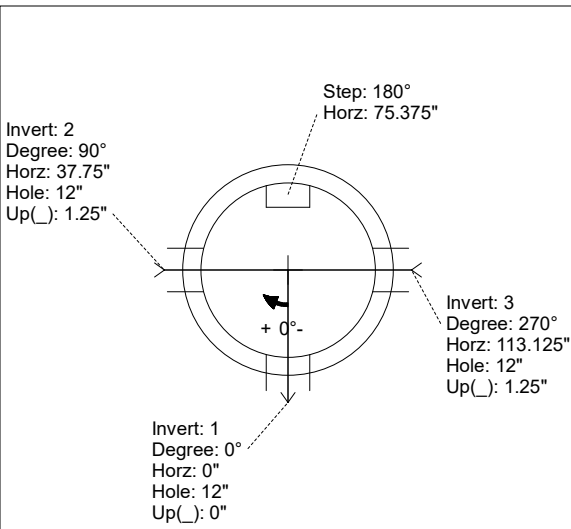
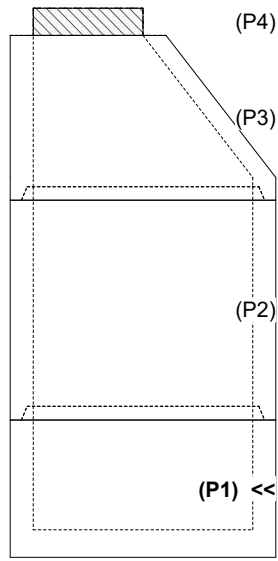
P4) 24" - CASTING HEIGHT - 6" P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24" 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) ADMIXTURE CONBLOCK CDA RED 1) CASTING - JBS 1155 F/C SANITARY 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 3) PSX - 12-08 NYLO 9) MH Step ML-10-TDS-NCR - 10"	0 lb 2251 lb 3353 lb 2863 lb 1440 lb 0 lb 0 lb 0 lb 250 lb 0 lb 0 lb 24 lb 0 lb ----- Structure Total: 10182 lb
---	---

- Structure Notes:
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. INVERT CHANNEL REQUIRED
 5. CONBLOCK CDA RED ADMIXTURE REQUIRED
 6. STEPS AT 180 DEGREES
 7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 427.41' Rim to Invert: 9.45' Slack: 1.4" Sump: 2" Step Position: 180°

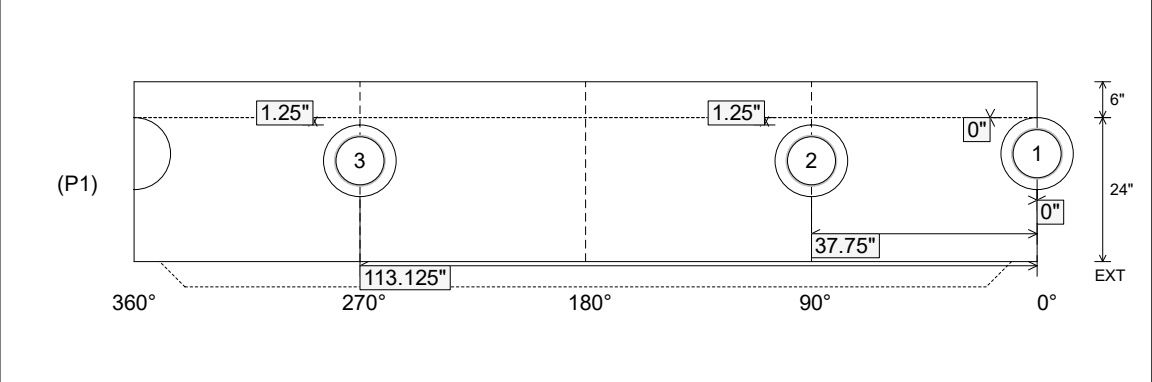
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	417.96'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	418.06'	90°	45.5"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3	418.06'	270°	136.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions) UPSIDE-DOWN VIEW (int. dimenions)



INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS



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

Job Name: 25-2422 - Woodland Springs Section 3 (Sanitary)
 Job Location: Clarksville, TN
 Contractor: Byard Construction, LLC

Plant: 100

5/14/2026 2:16:56 PM

Tech: Jared - A

PC: A. Chambers



Structure ID: A-6

P2 MH048RS48CDARED

MH RISER w/ConBlock-CDA Red T/G

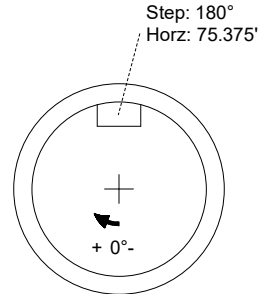
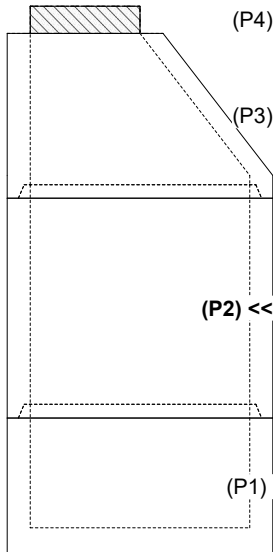
P4) 24" - CASTING HEIGHT - 6"	0 lb
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48"	3353 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"	2863 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
1) CASTING - JBS 1155 F/C SANITARY	250 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) 24" - Conseal CS-102 1.00" (Double)	0 lb
3) PSX - 12-08 NYLO	24 lb
9) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10182 lb

Structure Notes:
 1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. CONBLOCK CDA RED ADMIXTURE REQUIRED
 5. STEPS AT 180 DEGREES
 6. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

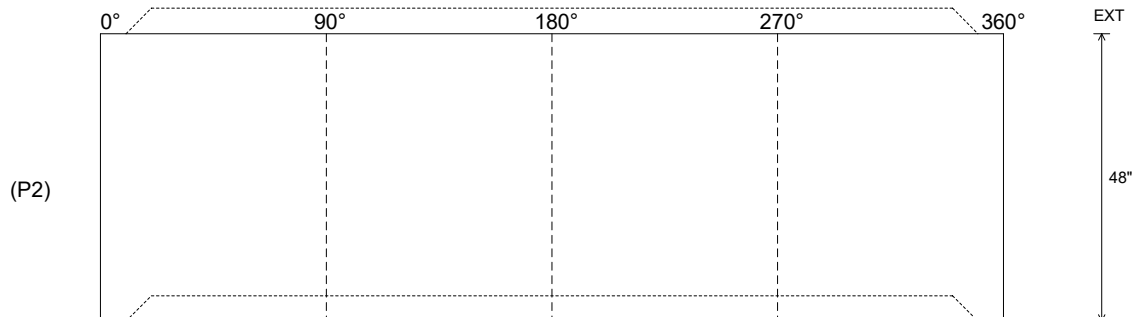
Rim: 427.41' Rim to Invert: 9.45' Slack: 1.4" Sump: 2" Step Position: 180°

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



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

Job Name: 25-2422 - Woodland Springs Section 3 (Sanitary)
 Job Location: Clarksville, TN
 Contractor: Byard Construction, LLC

Plant: 100

5/14/2026 2:15:59 PM

Tech: Jared - A

PC: A. Chambers



Structure ID: A-3

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

P5) 24" - CASTING HEIGHT - 6"	0 lb
P4) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P3) 48" - MH RISER w/ConBlock-CDA Red T/G - 60"	4192 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) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
1) CASTING - JBS 1155 F/C SANITARY	250 lb
3) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) 24" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
15) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	15670 lb

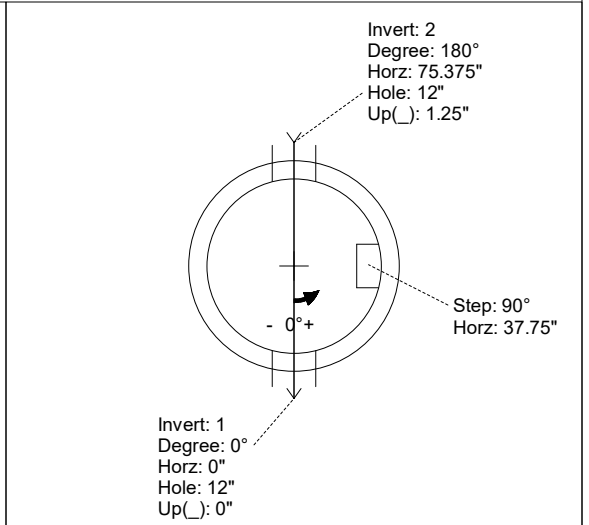
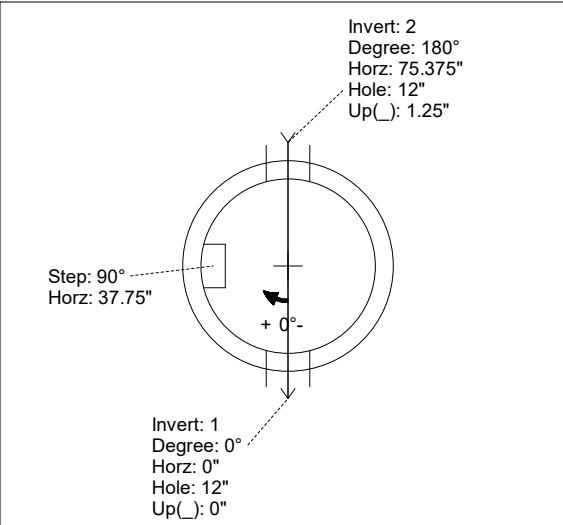
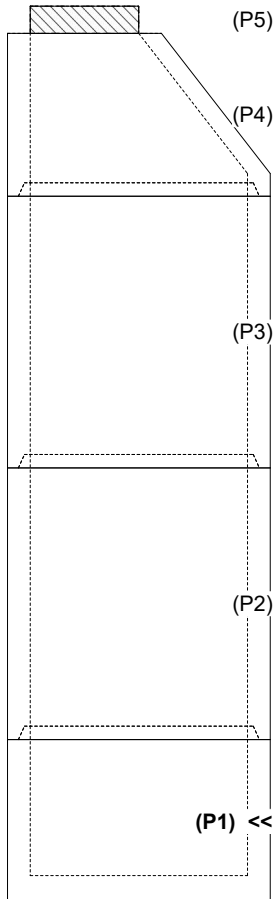
- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. INVERT CHANNEL REQUIRED
 5. CONBLOCK CDA RED ADMIXTURE REQUIRED
 6. STEPS AT 90 DEGREES
 7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

Rim: 429.93' Rim to Invert: 15.91' Slack: 0.92" Sump: 2" Step Position: 90°

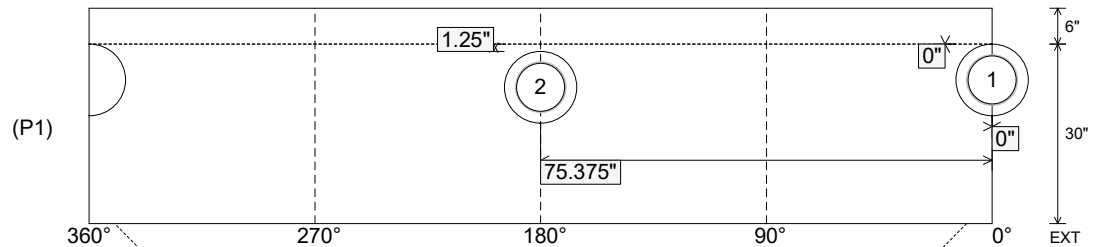
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	414.02'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	414.12'	180°	91.125"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

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

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

Job Name: 25-2422 - Woodland Springs Section 3 (Sanitary)
 Job Location: Clarksville, TN
 Contractor: Byard Construction, LLC

Plant: 100

5/14/2026 2:15:59 PM

Tech: Jared - A

PC: A. Chambers



Structure ID: A-3

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

- P5) 24" - CASTING HEIGHT - 6" 0 lb
- P4) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" 2251 lb
- P3) 48" - MH RISER w/ConBlock-CDA Red T/G - 60" 4192 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) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1440 lb
- 1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212 0 lb
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
- 1) ADMIXTURE CONBLOCK CDA RED 0 lb
- 1) CASTING - JBS 1155 F/C SANITARY 250 lb
- 3) 48" - Conseal CS-102 1.00" (Double) 0 lb
- 1) 24" - Conseal CS-102 1.00" (Double) 0 lb
- 2) PSX - 12-08 NYLO 16 lb
- 15) MH Step ML-10-TDS-NCR - 10" 0 lb

- Structure Notes:**
1. PER ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. INVERT CHANNEL REQUIRED
 5. CONBLOCK CDA RED ADMIXTURE REQUIRED
 6. STEPS AT 90 DEGREES
 7. JBS 1155 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

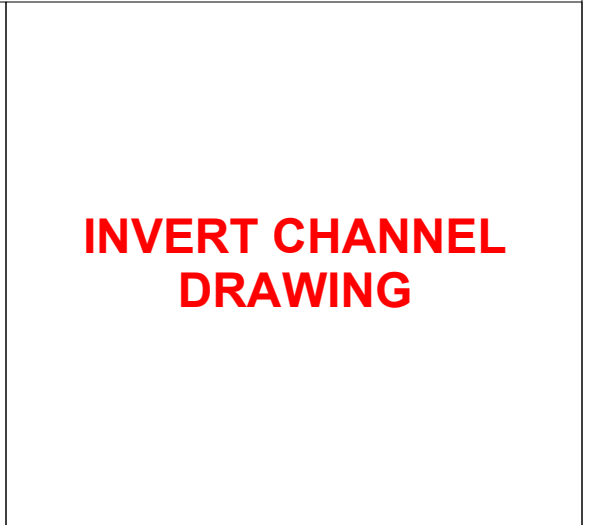
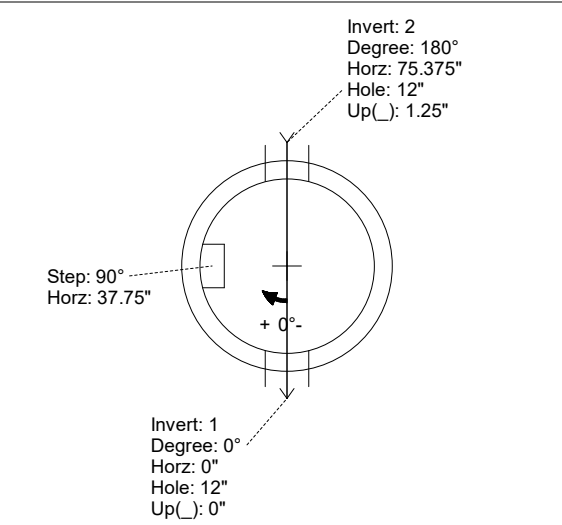
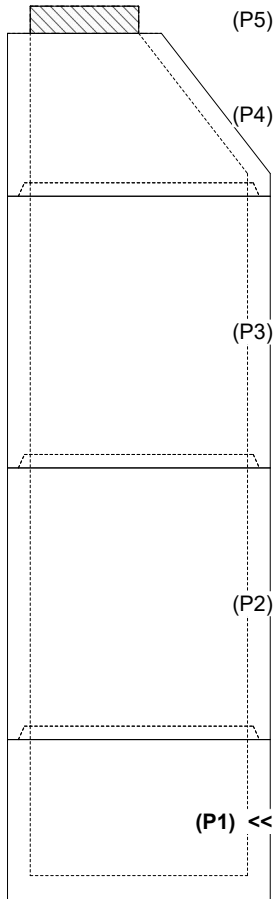
Structure Total: 15670 lb

Rim: 429.93' Rim to Invert: 15.91' Slack: 0.92" Sump: 2" Step Position: 90°

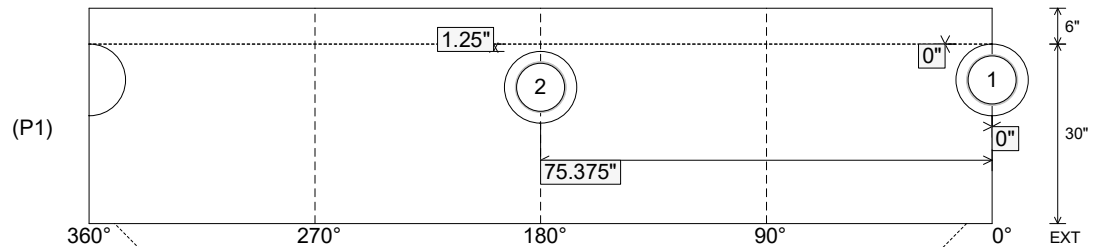
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	414.02'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	414.12'	180°	91.125"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

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

Weight (Net): 3330 lb
Volume (Net): 0.85cu.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 2:15:23 PM

PC: Celina Goff



Structure ID: 2301565

P3 MH048RS48

MH RISER T/G

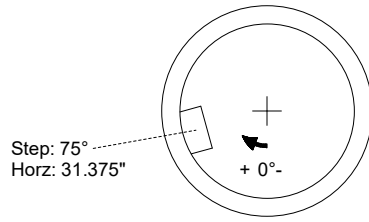
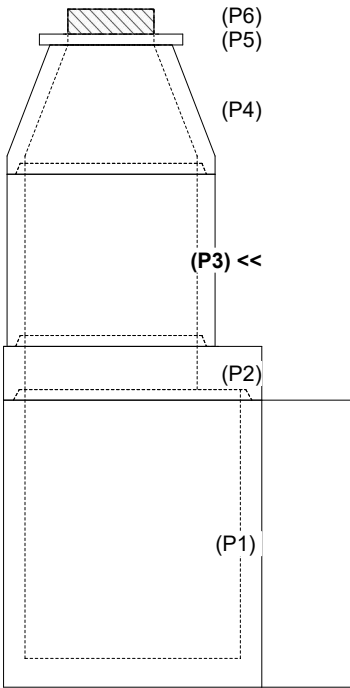
P6) 24" - CASTING HEIGHT - 7"	0 lb
P5) 24" - GRADE RING F/F - 3"	202 lb
P4) 48" - CON CONE w/24" HOLE F/G - 36"	2252 lb
P3) 48" - MH RISER T/G - 48"	3353 lb
P2) 60" - MH Transition Slab 48" Hole T/G - 15"	2204 lb
P1) 60" - MH BASE w/DROP Custom Ht T/n - 72"	8838 lb
1) 60" - MH INVERT CHANNEL - FULL HEIGHT	2692 lb
1) SECONDARY POUR - Add Exterior Drop to Base (P1)	3440 lb
1) 60" - Conseal CS-102 1.00" (Double)	0 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) A-Lok - 1235	2 lb
1) Drop Tee - 8" PVC	0 lb
1) Drop Elbow - 8" PVC	0 lb
13) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	22984 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 75 DEGREES
 5. 7" CASTING SUPPLIED BY OTHERS

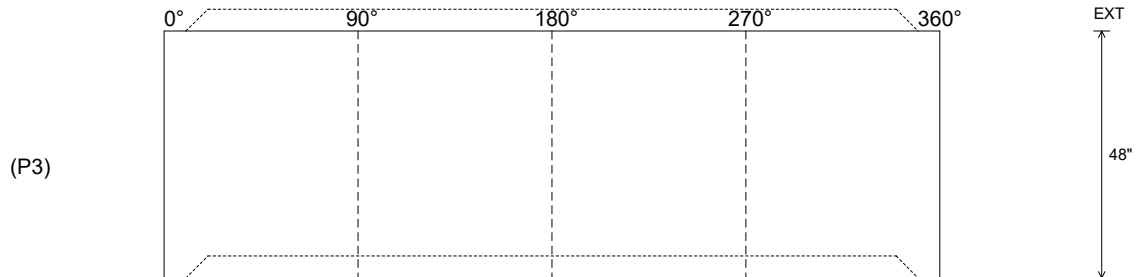
Rim: 760.2' Rim to Invert: 14.96' Slack: 1.52" Sump: 3" Step Position: 75°

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): 48"
 Height (Ext): 48"

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

Job Name: 26-2380 902433 Security Bank
 Job Location: Kansas City, MO
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam
 5/20/2026 9:30:43 AM

Tech: S. Felletter
 PC: C. Goff



Structure ID: 10-CS-4

P1 MH048BA36

MH BASE T/n

- P5) 30" - CASTING HEIGHT - 4"
- P4) 48" - MH FLAT LID w/30in ECC Hole F/G - 12"
- P3) 48" - MH RISER T/G - 42"
- P2) 48" - MH RISER SPECIAL T/G - 60"
- P1) 48" - MH BASE T/n - 36"
- 1) CVSTENCILING
- 1) ASSEMBLY REQUIRED
- 3) 48" - Conseal CS-102 1.00"
- 2) Hole - 20
- 1) Hole - 12

0 lb
 1413 lb
 2934 lb
 3873 lb
 3845 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 12066 lb

Structure Notes:
 4" CASTING BY OTHERS

 LIFT 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

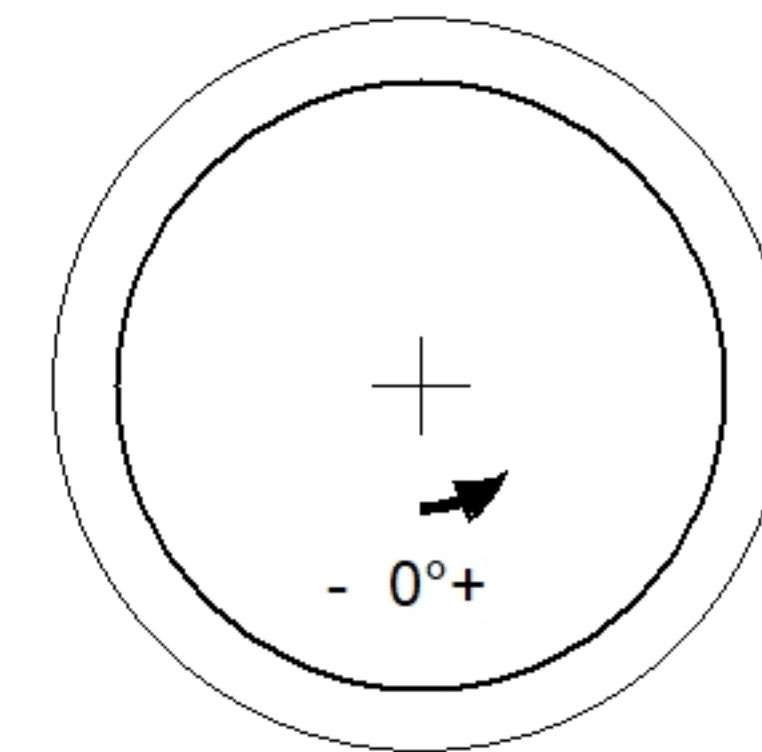
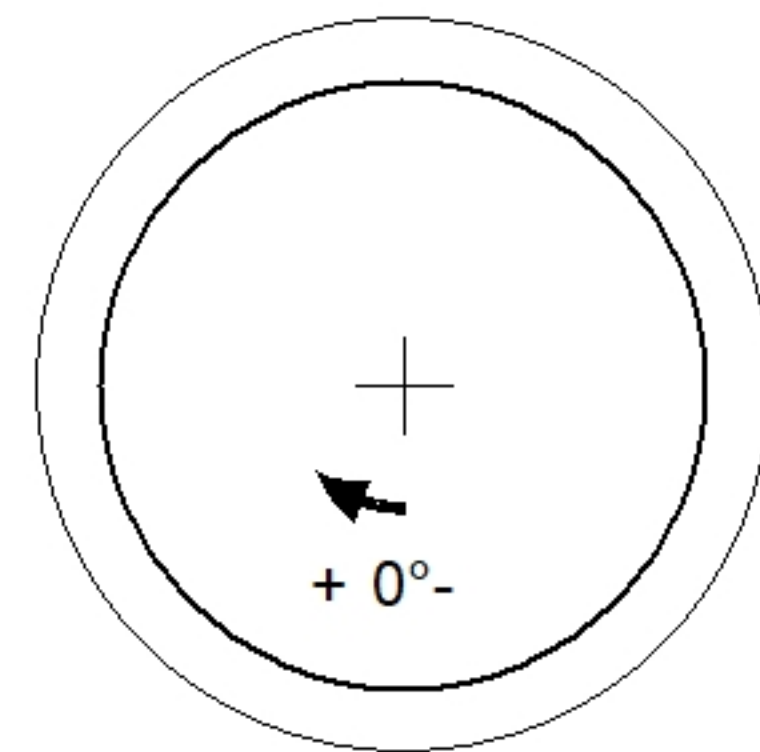
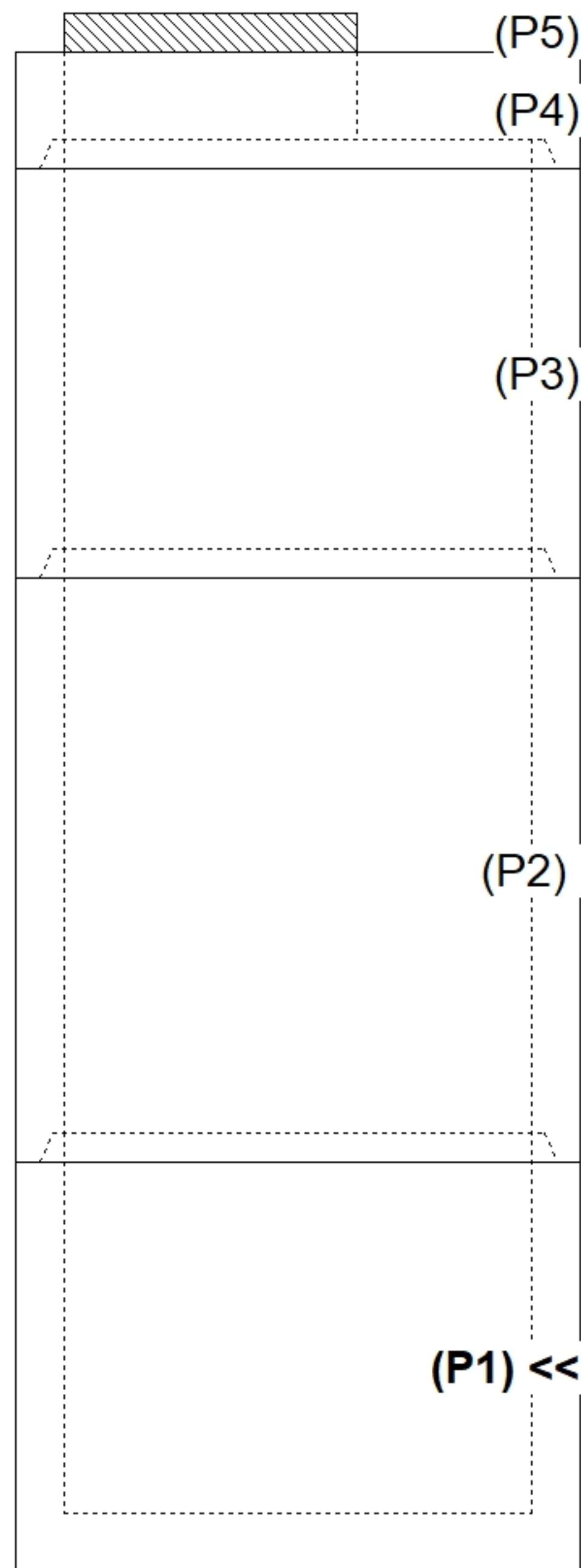
 P1 BASE & P2 RISER TO BE MECHANICALLY ATTACHED PRIOR TO INSTALL

Rim: 1051.06' Rim to Invert: 8.93' Slack: 1.16" Sump: 48" Step Position:

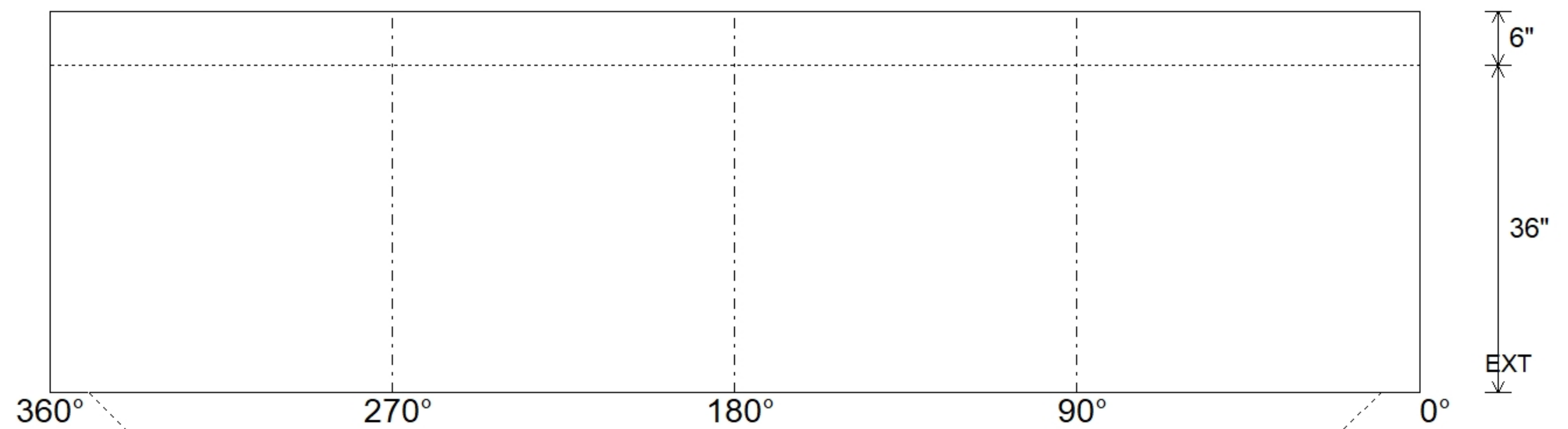
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3845 lb
 Volume (Net): 0.98cu.yd

Job Name: 26-2380 902433 Security Bank
 Job Location: Kansas City, MO
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam
 5/20/2026 9:31:03 AM

Tech: S. Felletter
 PC: C. Goff



Structure ID: 10-CS-4

P2 MH048RS60S

MH RISER SPECIAL T/G

- P5) 30" - CASTING HEIGHT - 4"
- P4) 48" - MH FLAT LID w/30in ECC Hole F/G - 12"
- P3) 48" - MH RISER T/G - 42"
- P2) 48" - MH RISER SPECIAL T/G - 60"
- P1) 48" - MH BASE T/n - 36"
- 1) CVSTENCILING
- 1) ASSEMBLY REQUIRED
- 3) 48" - Conseal CS-102 1.00"
- 2) Hole - 20
- 1) Hole - 12

0 lb
 1413 lb
 2934 lb
 3873 lb
 3845 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 12066 lb

Structure Notes:
 4" CASTING BY OTHERS

 LIFT ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE

 ICAST TO INSTALL THE INTERNALS

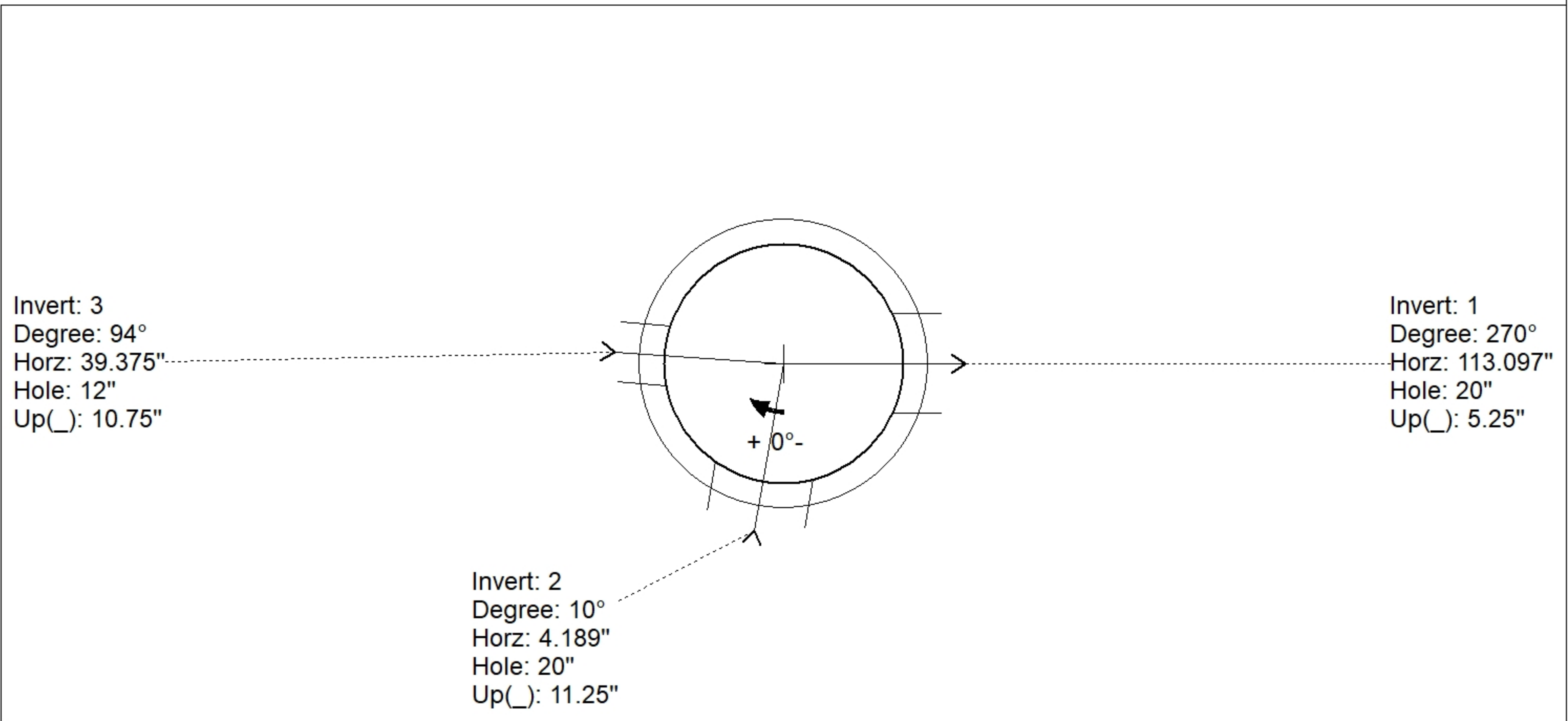
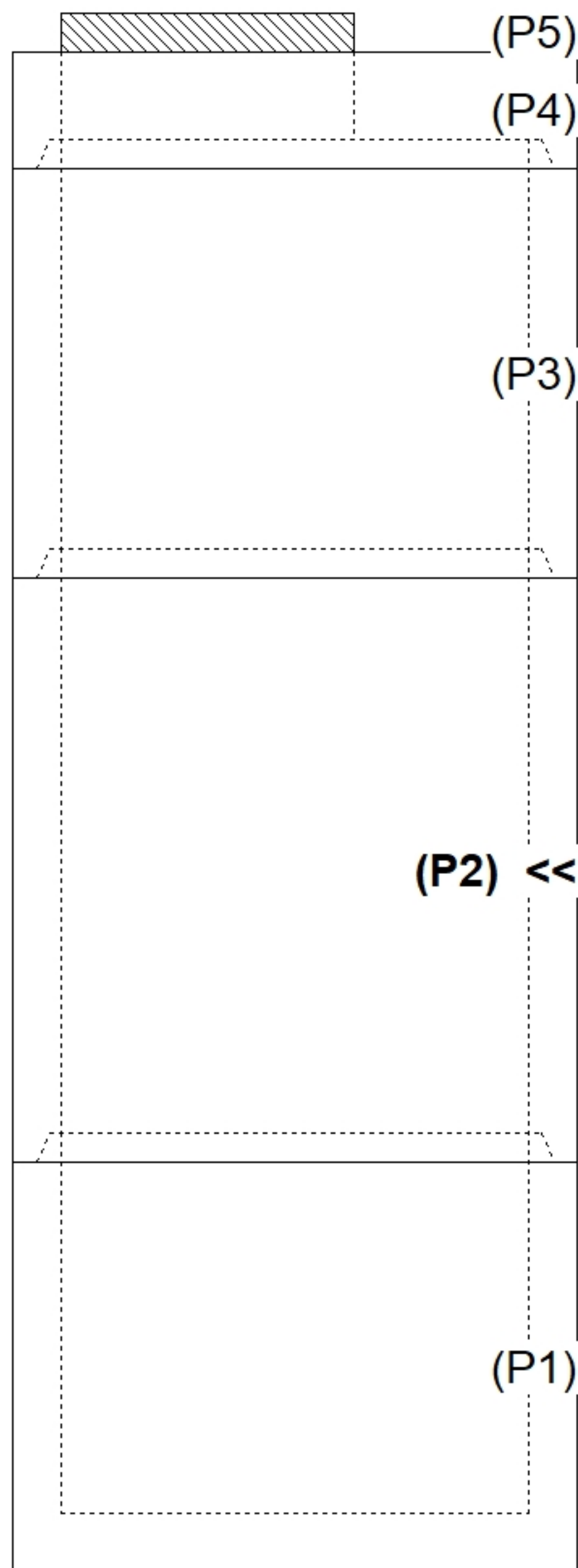
 CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE

 P1 BASE & P2 RISER TO BE MECHANICALLY ATTACHED PRIOR TO INSTALL

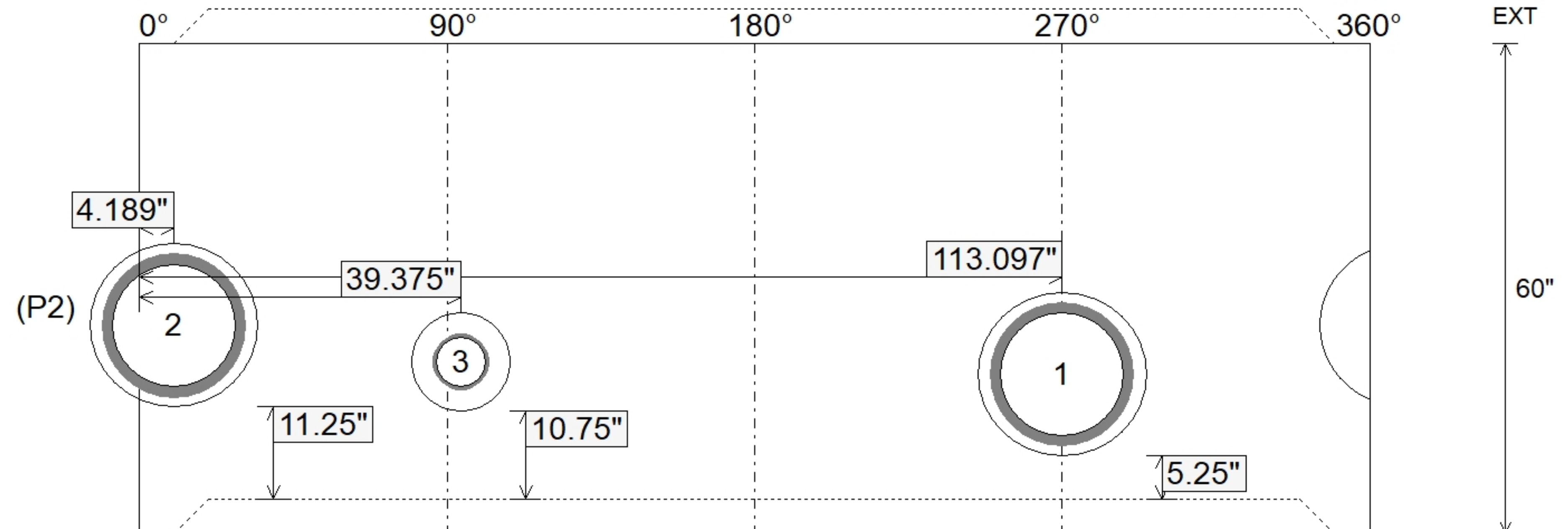
Rim: 1051.06' Rim to Invert: 8.93' Slack: 1.16" Sump: 48" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1042.13'	270°	136.659"	15" HDPE	17.6"	Hole 20	20"	20.629"	5.25"	0"
Invert 2	1042.63'	10°	5.061"	15" HDPE	17.6"	Hole 20	20"	20.629"	11.25"	0"
Invert 3	1042.63'	94°	47.578"	6" HDPE	6.9"	Hole 12	12"	12.129"	10.75"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 5"
 Floor Height: 0"

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

Weight (Net): 3873 lb
 Volume (Net): 0.99cu.yd

Structure ID: 10-CS-4

P3 MH048RS42

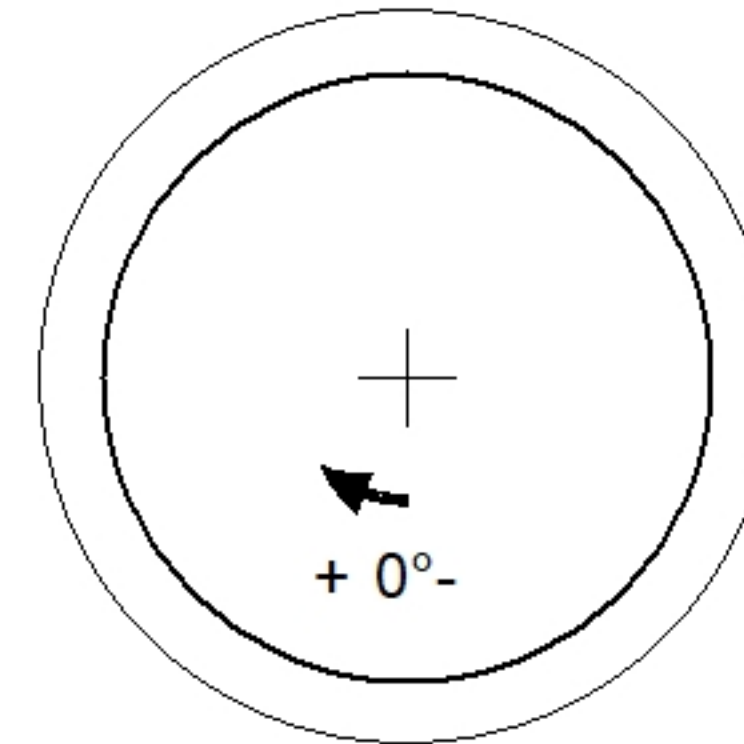
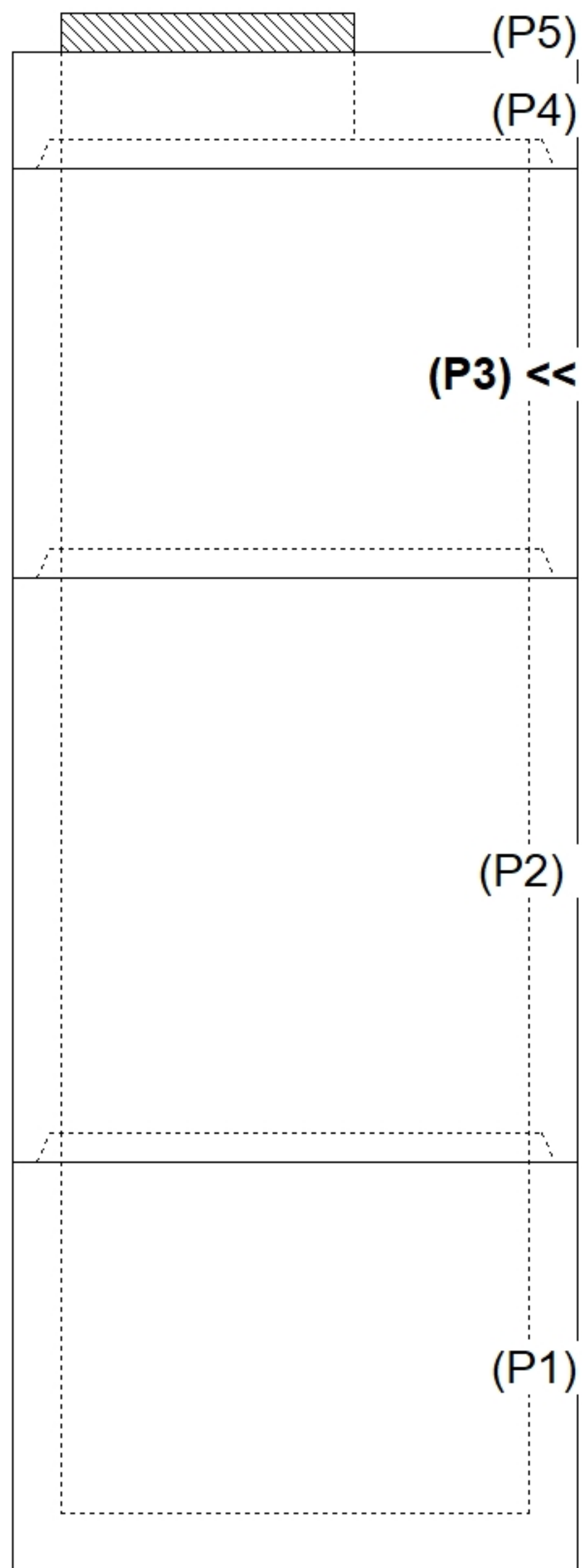
MH RISER T/G

P5) 30" - CASTING HEIGHT - 4" P4) 48" - MH FLAT LID w/30in ECC Hole F/G - 12" P3) 48" - MH RISER T/G - 42" P2) 48" - MH RISER SPECIAL T/G - 60" P1) 48" - MH BASE T/n - 36" 1) CVSTENCILING 1) ASSEMBLY REQUIRED 3) 48" - Conseal CS-102 1.00" 2) Hole - 20 1) Hole - 12	0 lb 1413 lb 2934 lb 3873 lb 3845 lb 0 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 12066 lb	Structure Notes: 4" CASTING BY OTHERS LIFT 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 P1 BASE & P2 RISER TO BE MECHANICALLY ATTACHED PRIOR TO INSTALL
---	--	---

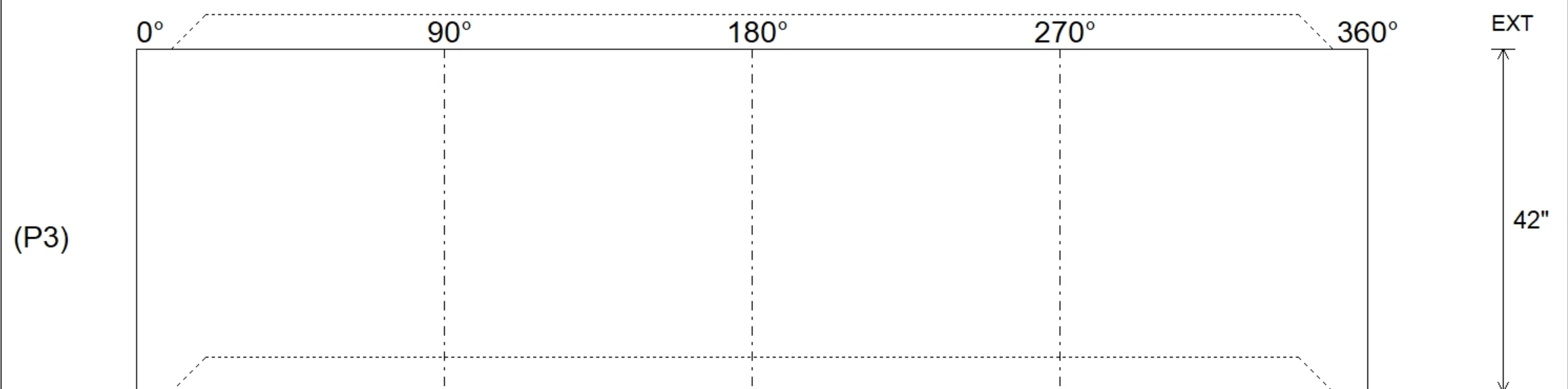
Rim: 1051.06' Rim to Invert: 8.93' Slack: 1.16" Sump: 48" Step Position:

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: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 42" Height (Ext): 42"
Coating (Ext):			Weight (Net): 2934 lb Volume (Net): 0.75cu.yd

Job Name: 26-1694 1212 Baptist World Center Dr
 Job Location: Nashville, TN
 Contractor: Hayes Pipe Supply

Plant: Beaver Dam
 5/19/2026 11:49:25 AM

Tech: S. Felletter
 PC: E. Bradley



Structure ID: MH-A0-2 SS-MH

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

- 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" 2959 lb
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1440 lb
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
- 1) CASTING - JBS 1150 F/C SANITARY 250 lb
- 2) 48" - Conseal CS-102 1.00" (Double) 0 lb
- 1) PSX - 12-08 NYLO 8 lb
- 7) MH Step ML-10-TDS-NCR - 10" 0 lb

Structure Total: 8585 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (JBS 1150 F/C "SANITARY").

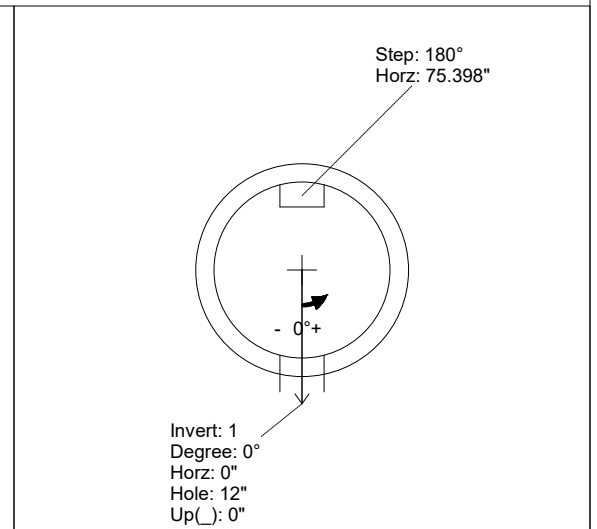
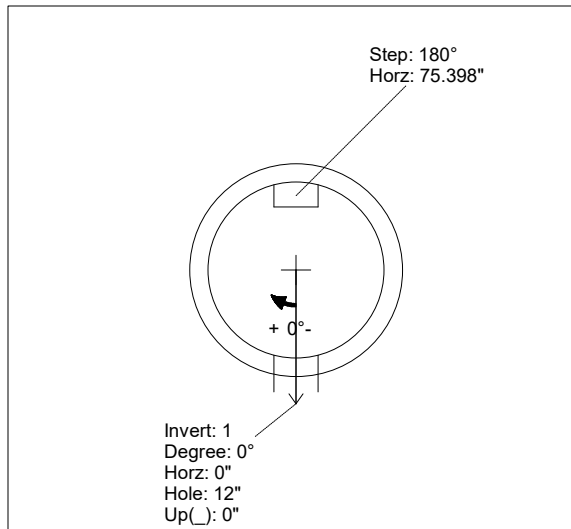
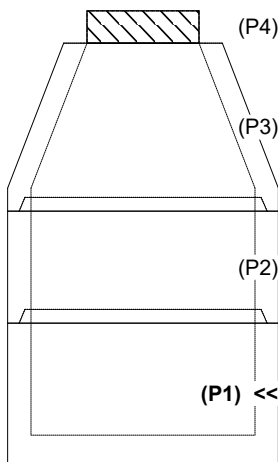
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 422.03' Rim to Invert: 7.63' Slack: 2.56" Sump: 2" Step Position: 180

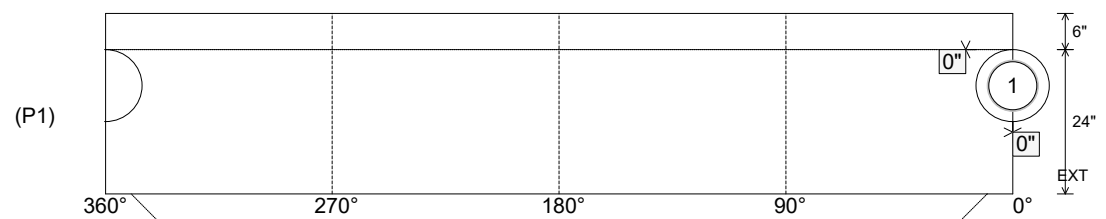
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	414.4'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2959 lb
 Volume (Net): 0.76cu.yd

Job Name: 26-1694 1212 Baptist World Center Dr
 Job Location: Nashville, TN
 Contractor: Hayes Pipe Supply

Plant: Beaver Dam
 5/19/2026 11:49:25 AM

Tech: S. Felletter
 PC: E. Bradley



Structure ID: MH-A0-2 SS-MH

P1 MH048BA24CDARED

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 - 24"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - JBS 1150 F/C SANITARY
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) PSX - 12-08 NYLO
- 7) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 1677 lb
 2959 lb
 1440 lb
 0 lb
 0 lb
 250 lb
 0 lb
 8 lb
 0 lb

 Structure Total: 8585 lb

- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (JBS 1150 F/C "SANITARY").

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

**Invert channel drawing
 Full height invert**

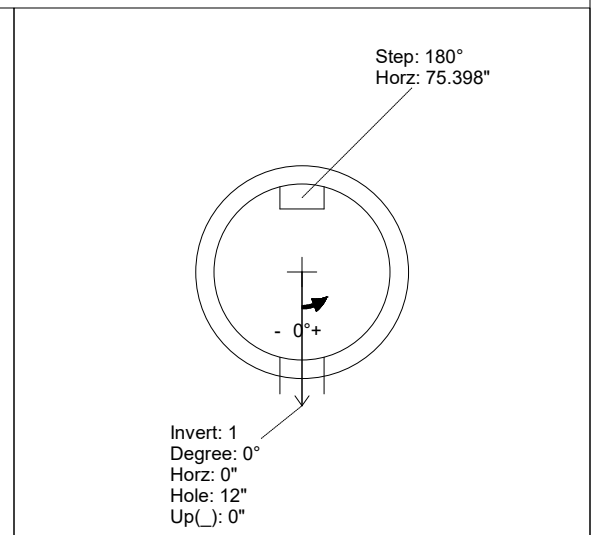
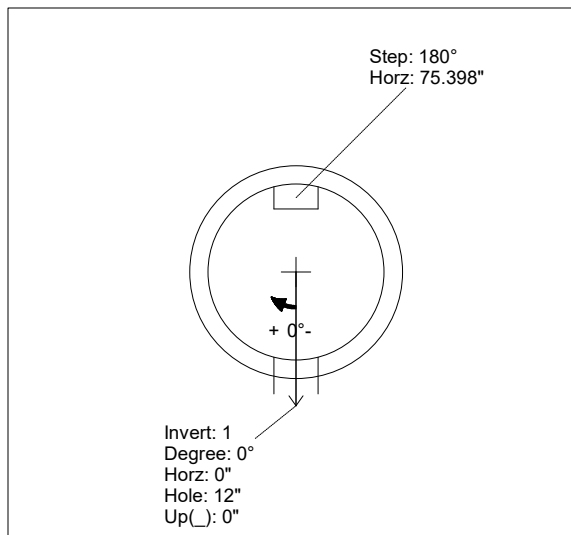
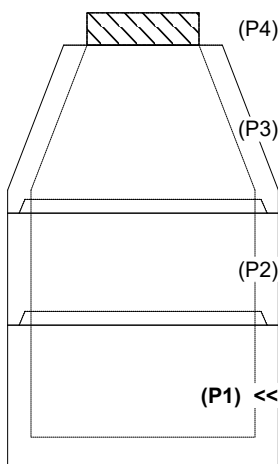
Structure Total: 8585 lb

Rim: 422.03' Rim to Invert: 7.63' Slack: 2.56" Sump: 2" Step Position: 180

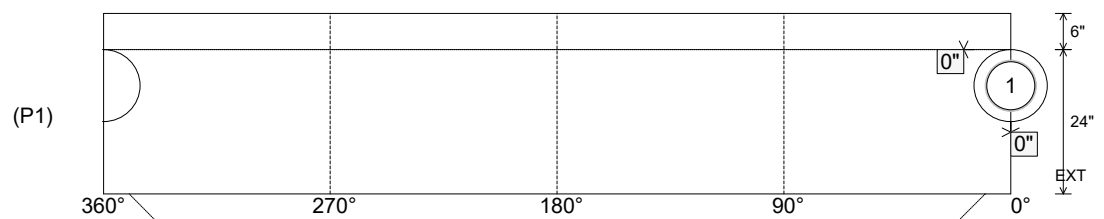
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	414.4'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2959 lb
 Volume (Net): 0.76cu.yd

Job Name: 26-1694 1212 Baptist World Center Dr	Plant: Beaver Dam	Tech: S. Felletter	
Job Location: Nashville, TN Contractor: Hayes Pipe Supply	5/20/2026 9:22:49 AM	PC: E. Bradley	

Structure ID: MH-A0-2 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"	2959 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - JBS 1150 F/C SANITARY	250 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
7) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8585 lb

Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- ADMIXTURE = CONBLOCK CDA RED.
- CASTING BY ICAST (JBS 1150 F/C "SANITARY").

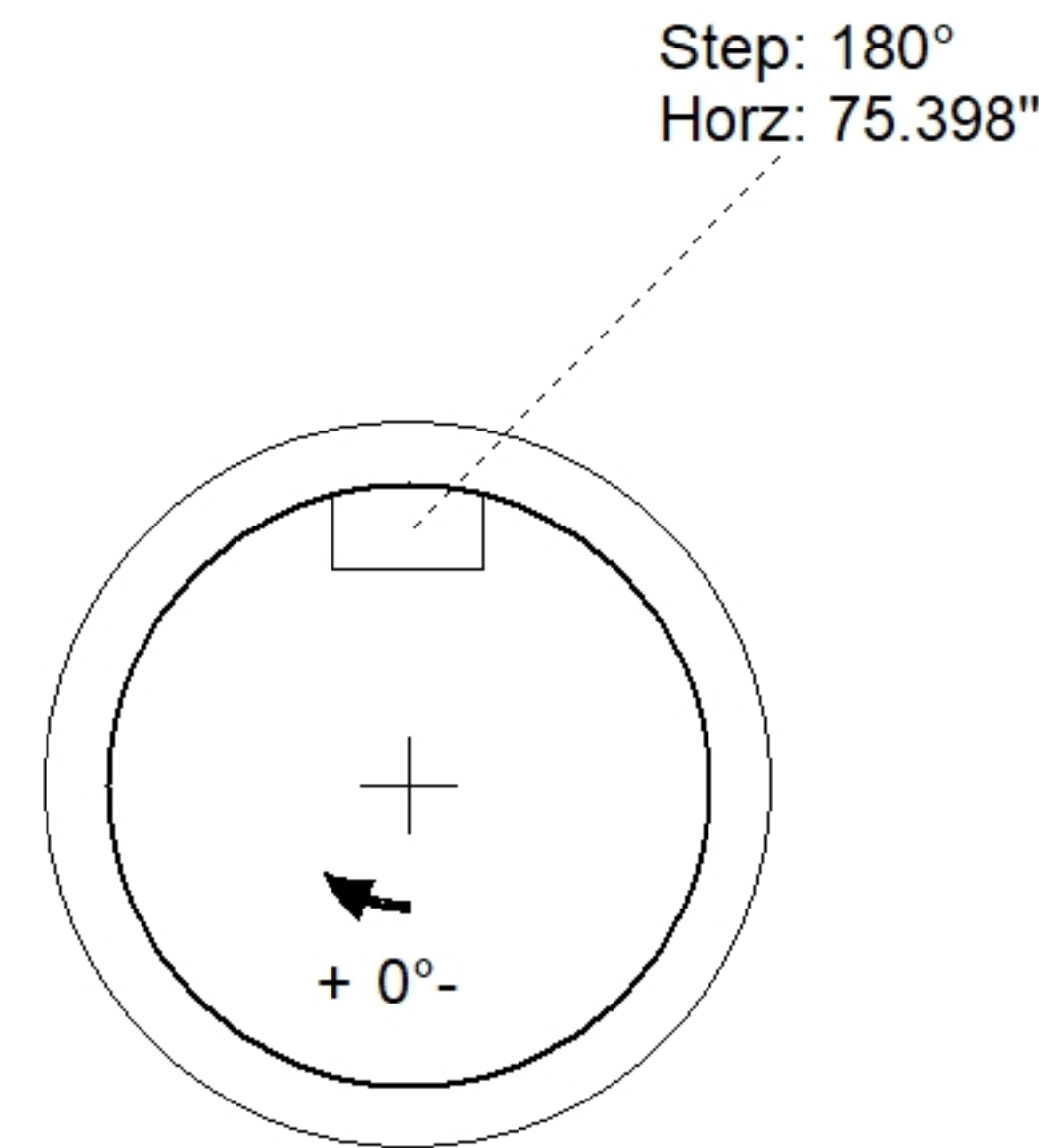
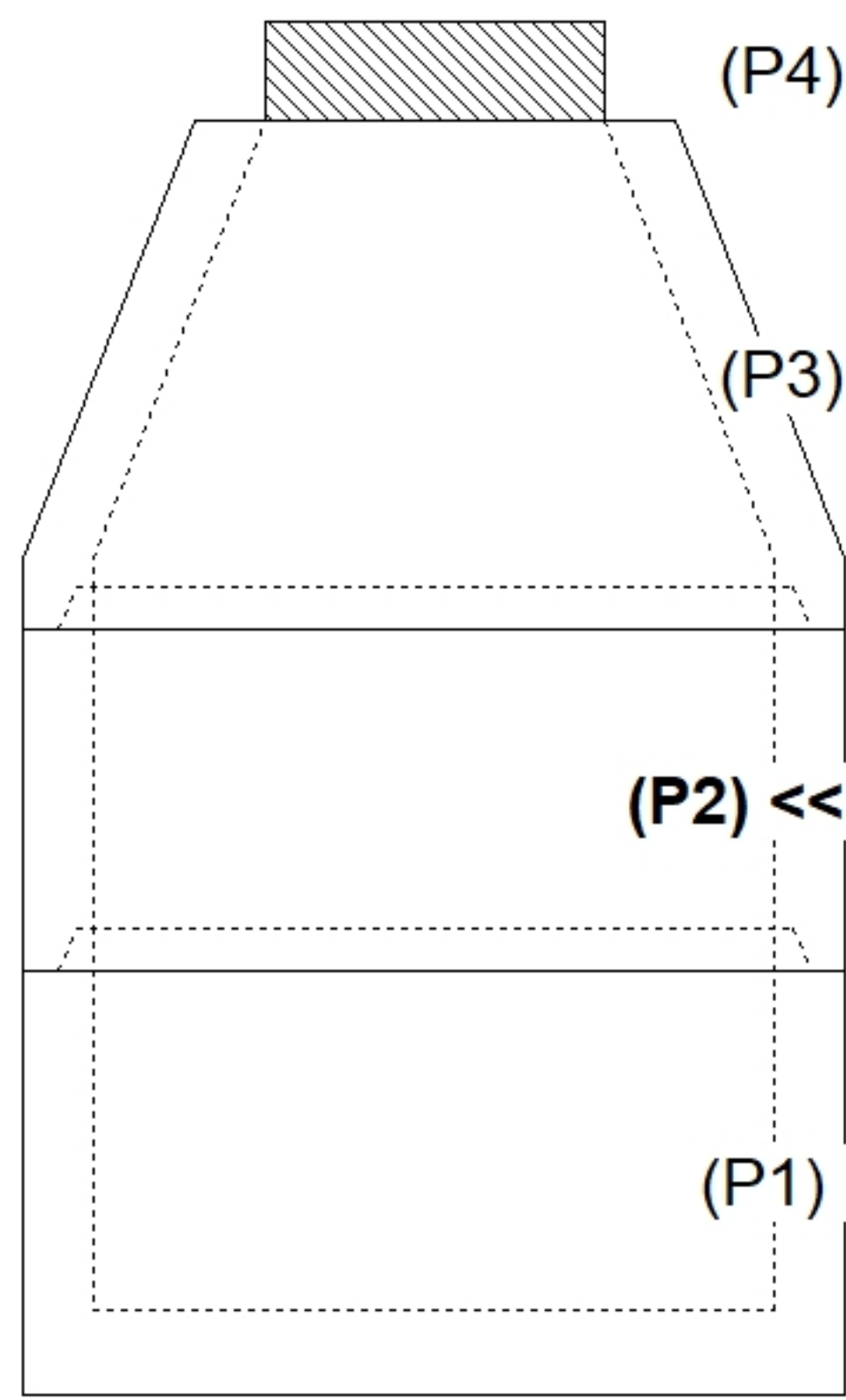
REINFORCING PER ASTM A615 (GRADE 60).

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

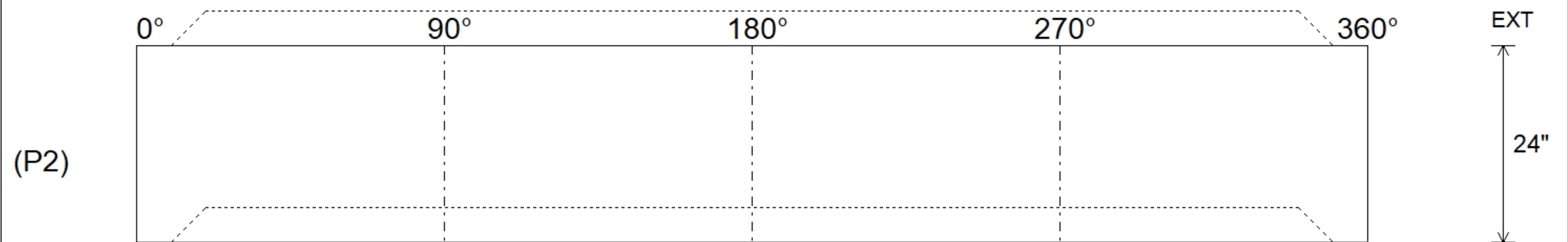
Rim: 422.03' Rim to Invert: 7.63' Slack: 2.56" Sump: 2" Step Position: 180

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 24"	Weight (Net): 1677 lb
Coating (Ext):	Seam Dn: Groove	Floor Height: 0"	Height (Ext): 24"	Volume (Net): 0.43cu.yd

Job Name: 23-2792 - Teal Dr. Development
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100
 3/25/2026 1:41:34 PM

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



Structure ID: STM-C5

P1 MH048BA30

MH BASE T/n

- P4) 30" x 30" - CASTING HEIGHT - 6"
- P3) 30" x 30" - GRADE RING F/F - 3"
- P2) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"
- P1) 48" - MH BASE T/n - 30"
- 1) CASTING - JBS 3101 Single Set (F/G/H)
- 1) 48" - Conseal CS-102 1.00"
- 2) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 22
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 218 lb
 1350 lb
 3097 lb
 619 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5283 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3101 SINGLE SET (F/G/H))

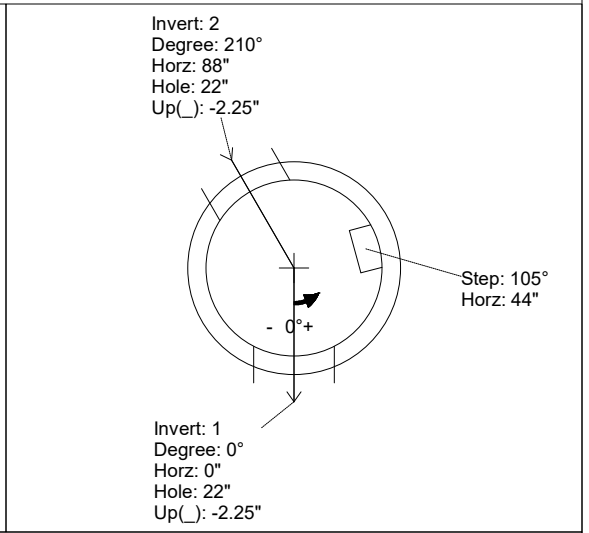
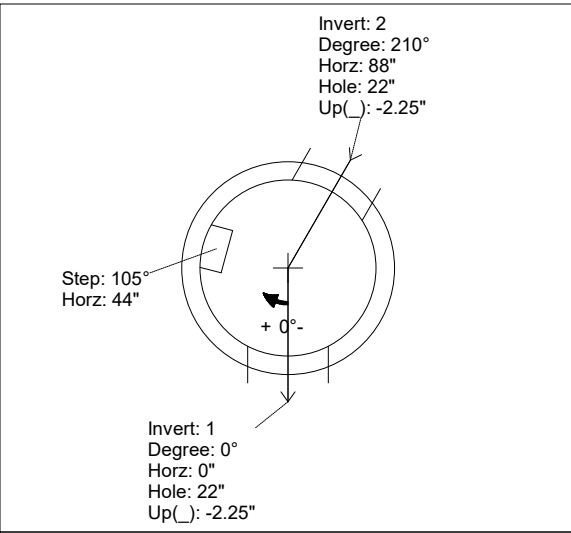
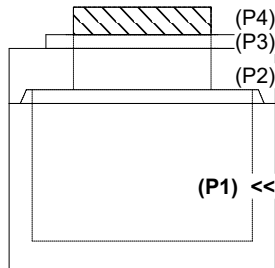
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 472.06' Rim to Invert: 4.31' Slack: 0.72" Sump: 0" Step Position: 105°

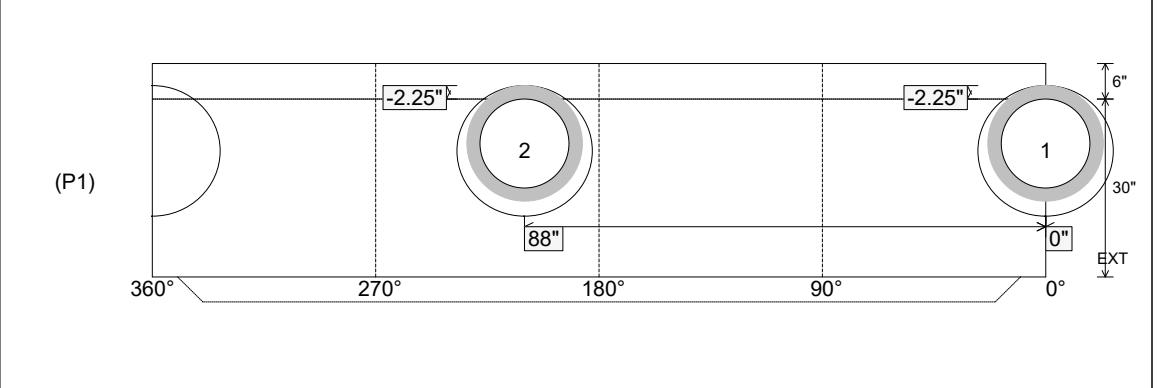
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	467.75'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"
Invert 2	467.75'	210°	106.25"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
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: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 3097 lb Volume (Net): 0.79cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 23-2792 - Teal Dr. Development
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100
 3/25/2026 1:42:48 PM

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

Structure ID: STM-C5

P2 MH048LD12S

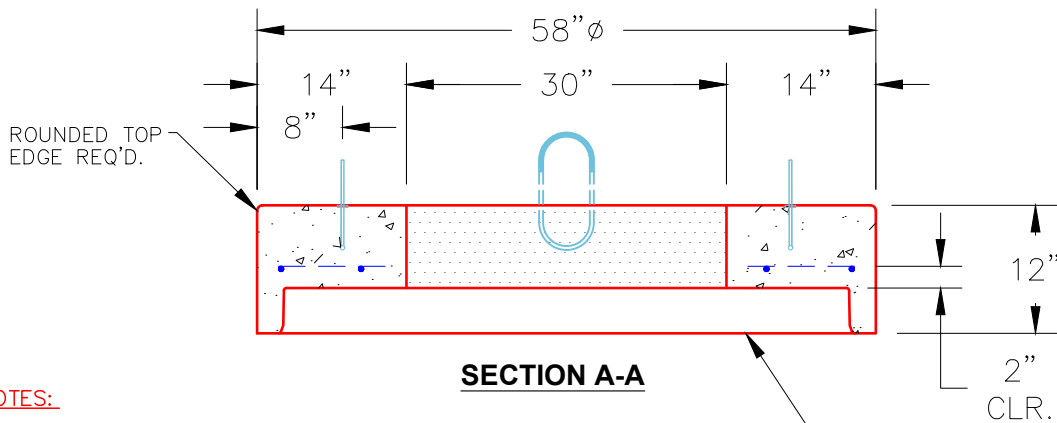
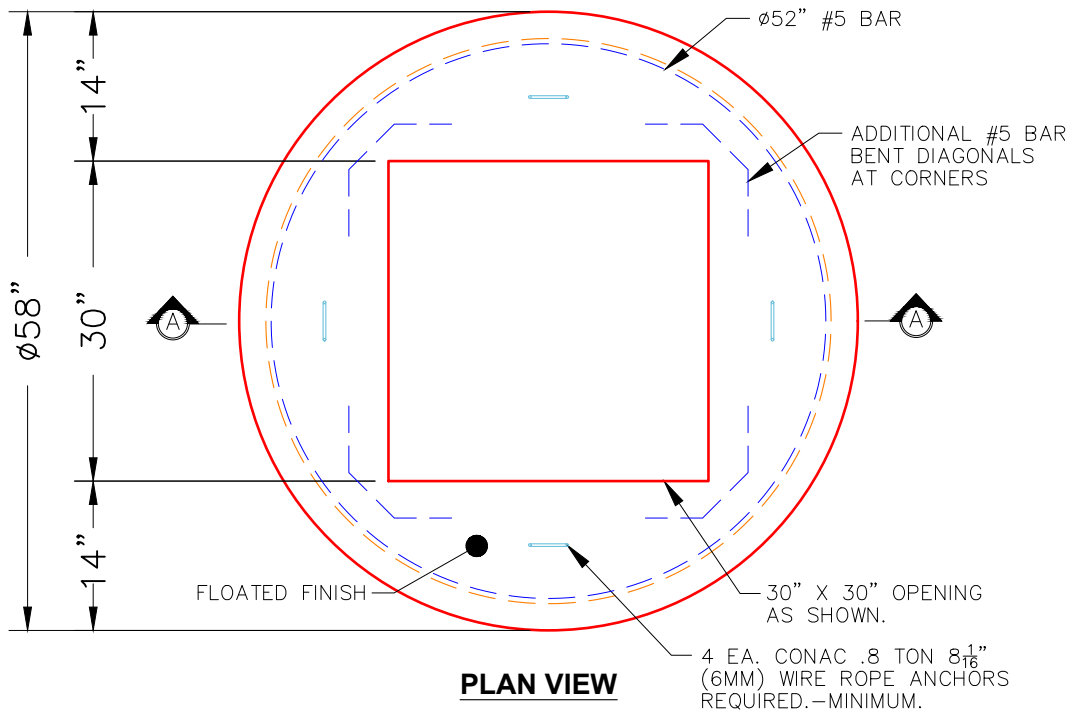
MH FLAT TOP w/30"x30" Hole F/G

- P4) 30" x 30" - CASTING HEIGHT - 6"
- P3) 30" x 30" - GRADE RING F/F - 3"
- P2) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"
- P1) 48" - MH BASE T/n - 30"
- 1) CASTING - JBS 3101 Single Set (F/G/H)
- 1) 48" - Conseal CS-102 1.00"
- 2) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 22
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 218 lb
 1350 lb
 3097 lb
 619 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 5283 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3101 SINGLE SET (F/G/H))

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): 1350 lb Volume (Net): 0.33cu.yd
----------------------------------	----------------------------------	--------------------	-------------------	--

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/17/2025 5:02:12 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

Structure ID: AI

P1 MH048BA72

MH BASE T/n

P4) 24" - CASTING HEIGHT - 6"	0 lb
P3) 24" - GRADE RING F/F - 3"	202 lb
P2) 48" - ECC CONE w/ 24" HOLE F/G - 42"	3200 lb
P1) 48" - MH BASE T/n - 72"	5292 lb
1) Conseal CS-102 1.00" (Single)	0 lb
1) CASTING - JBS 1155 F/C STORM	250 lb
2) Hole - 38	0 lb
10) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8945 lb

Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- NO INVERT CHANNEL.
- CASTING BY I-CAST (JBS 1155 F/C STORM)

REINFORCING PER ASTM A615 (GRADE 60).

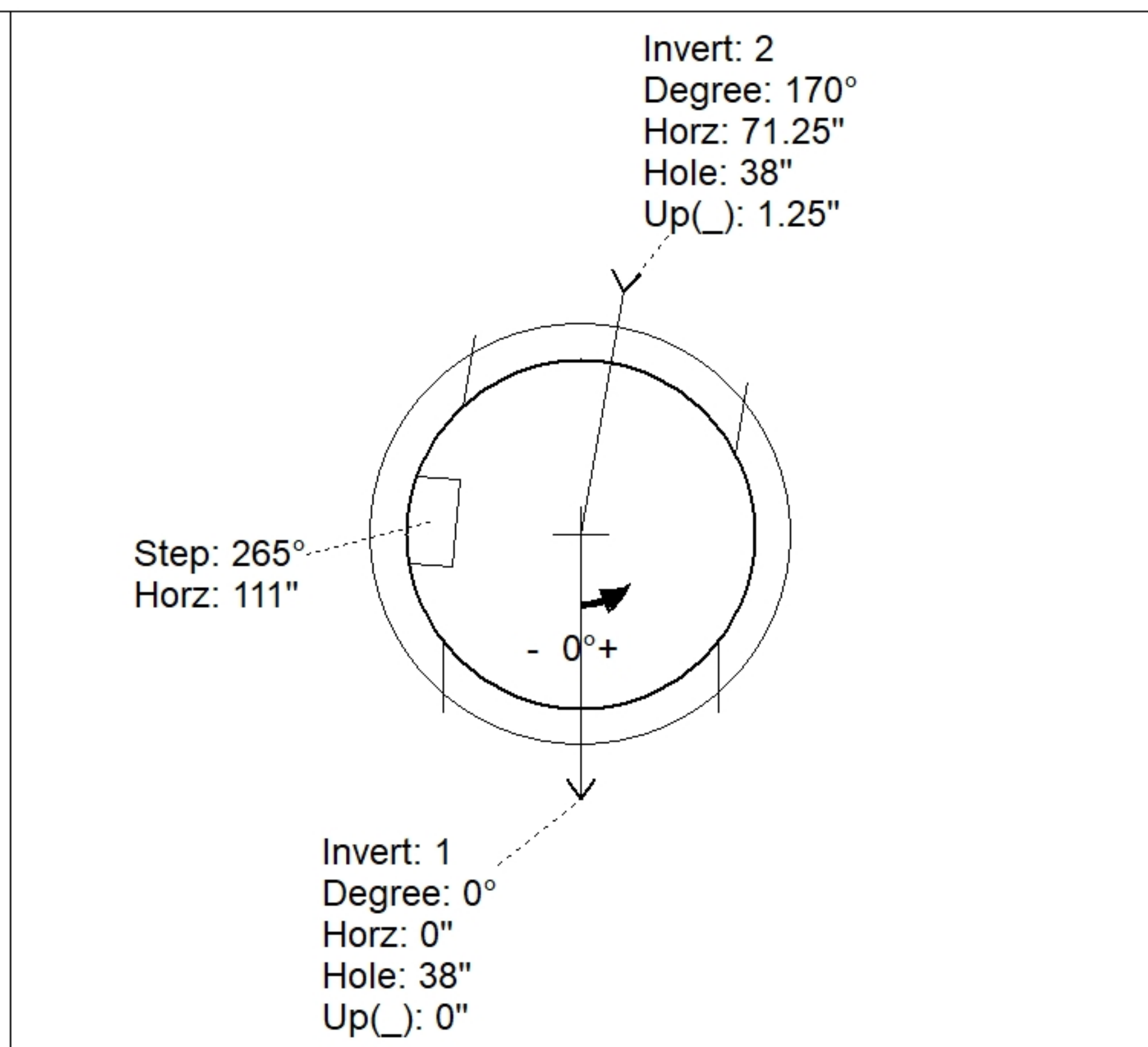
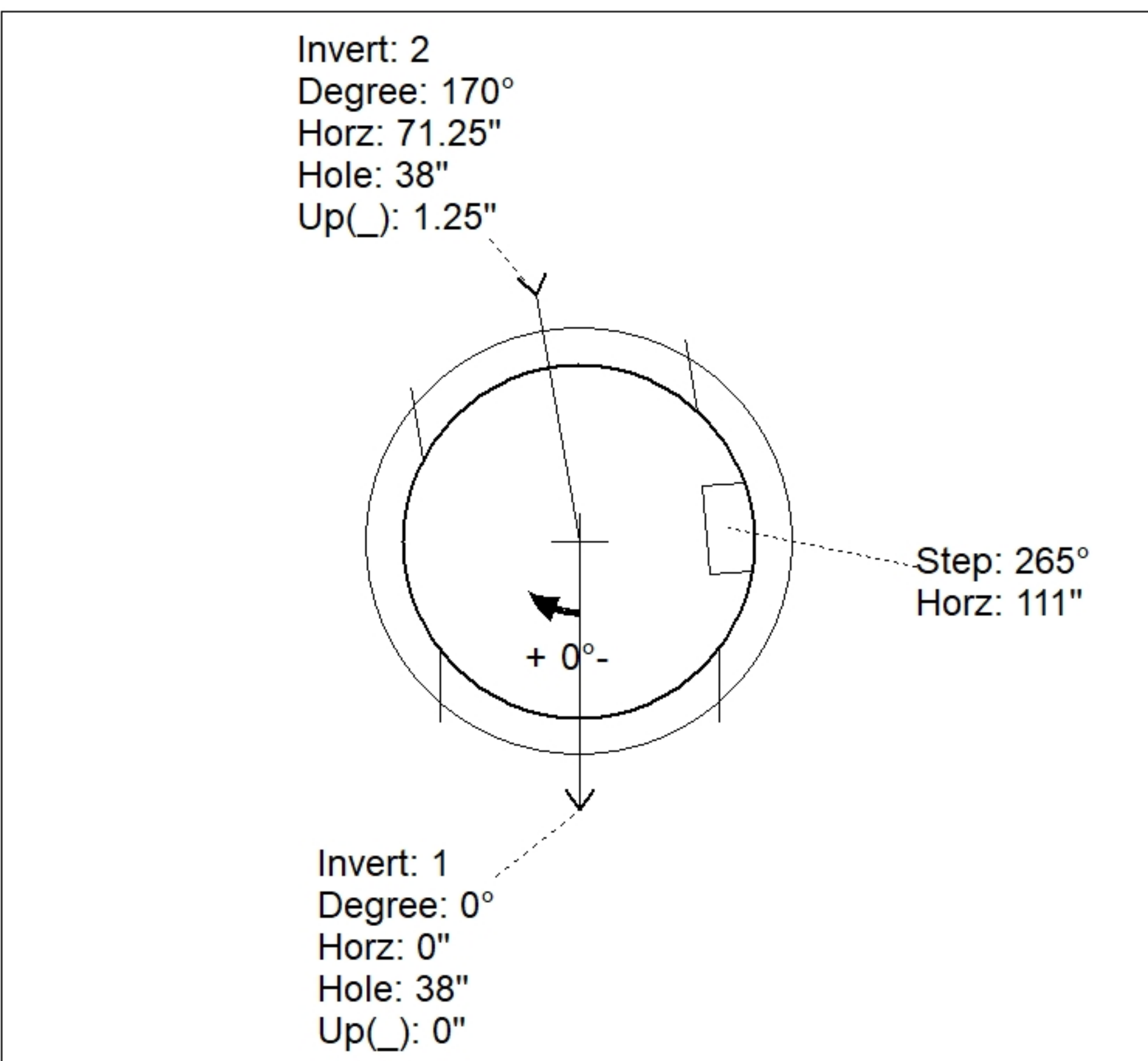
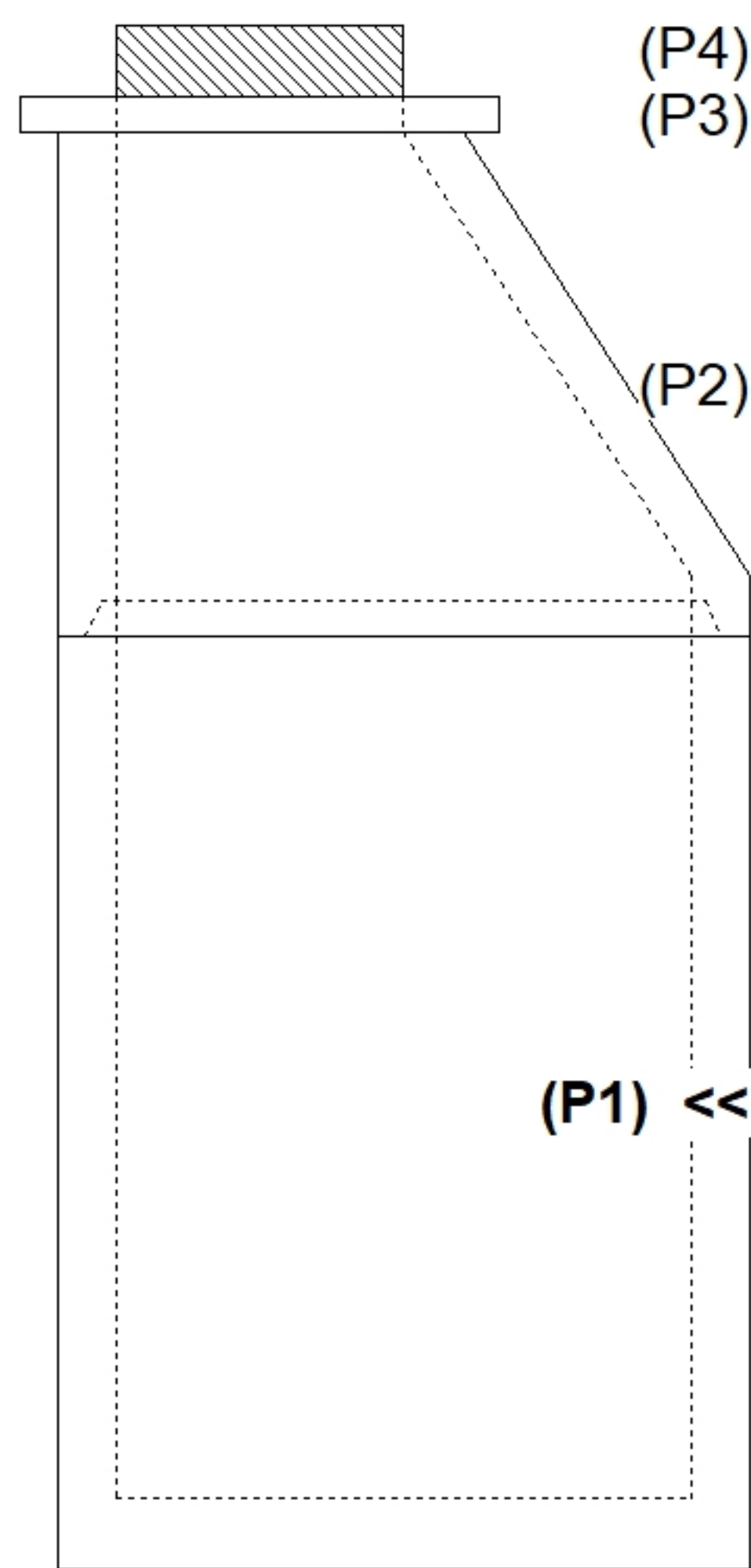
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 526.5' Rim to Invert: 10.1' Slack: 0.75" Sump: 2.55" Step Position: 265°

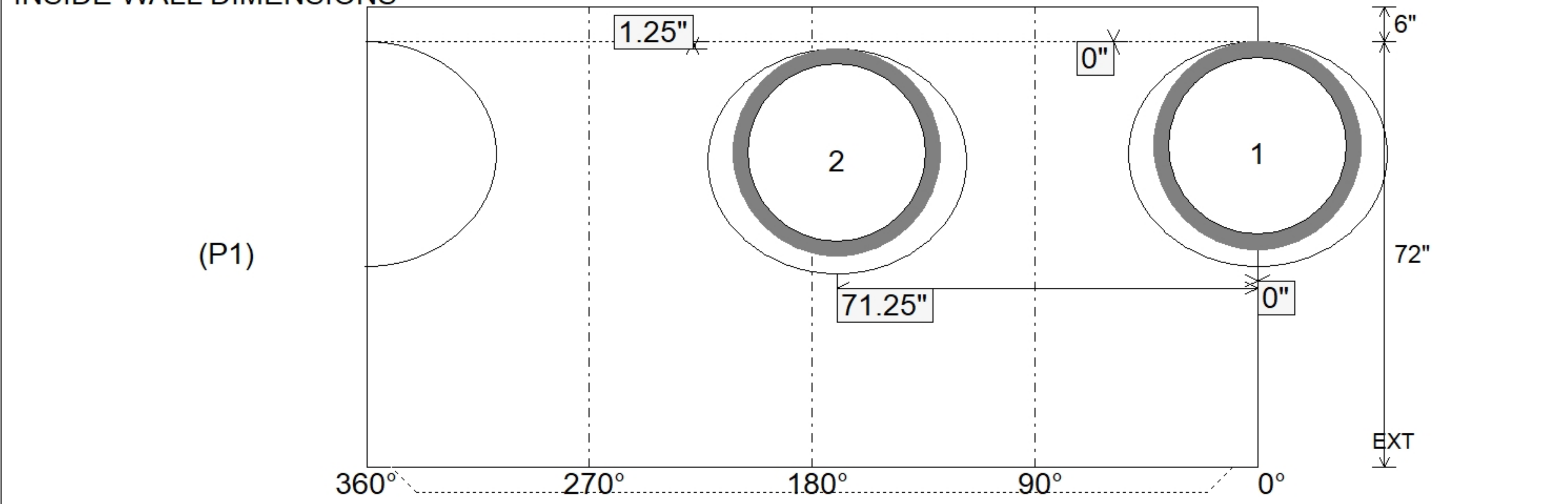
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	516.4'	0°	0"	30" HDPE	35.1"	Hole 38	38"	43.85"	0"	0"
Invert 2	516.5'	170°	86"	30" HDPE	35.1"	Hole 38	38"	43.85"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 72"	Weight (Net): 5292 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 78"	Volume (Net): 1.35cu.yd

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/17/2025 5:02:12 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

Structure ID: AG

P1 MH048BAVF

MH BASE Custom Ht F/n

P3) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P2) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7"	1044 lb
P1) 48" - MH BASE Custom Ht F/n - 38"	3353 lb
1) Conseal CS-102 1.00" (Single)	0 lb
1) CASTING - JBS 3080-V SET (F/G/H)	500 lb
2) Hole - 30	0 lb
Structure Total:	4897 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 I-CAST (JBS 3080-V SET F/G/H).

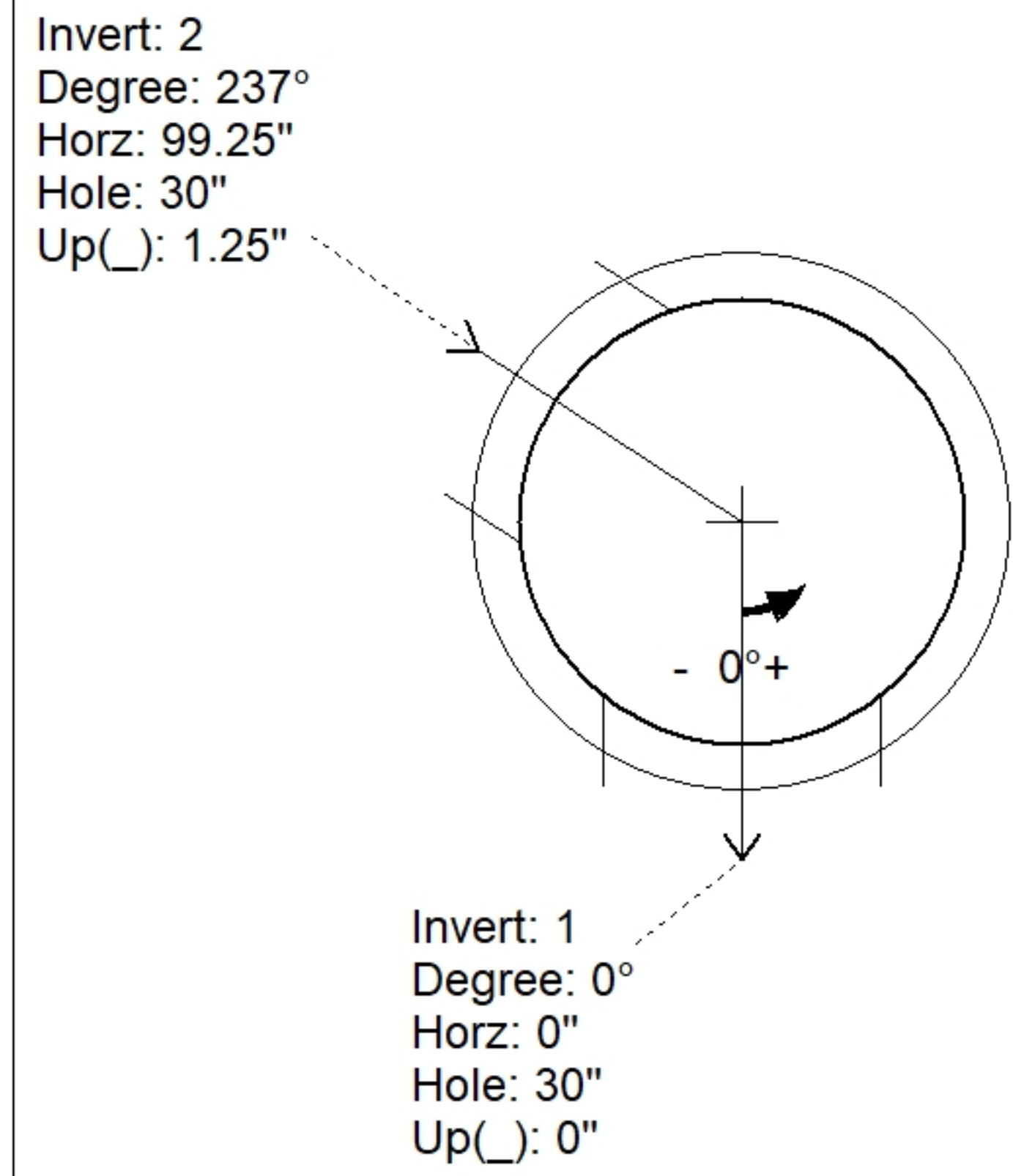
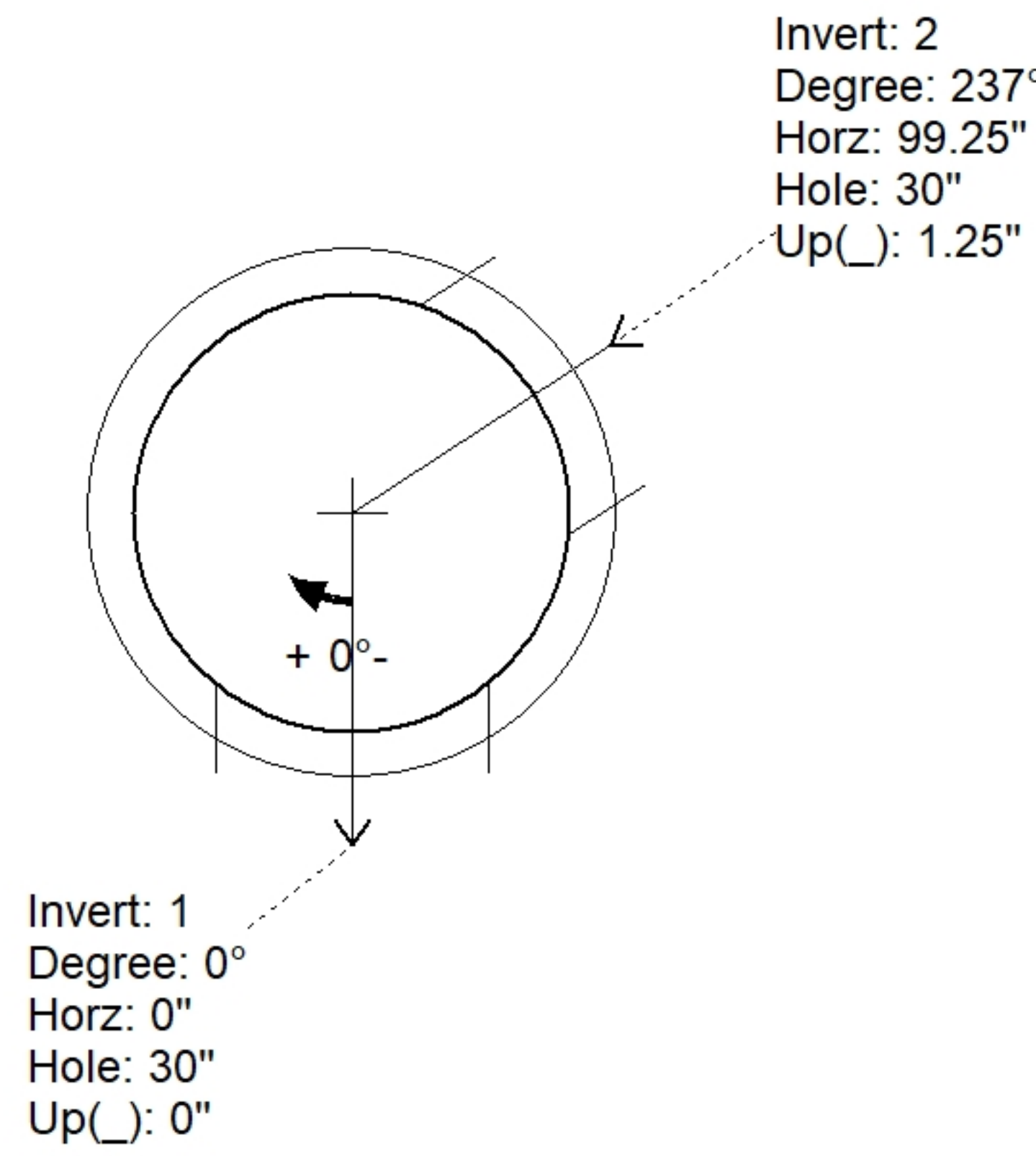
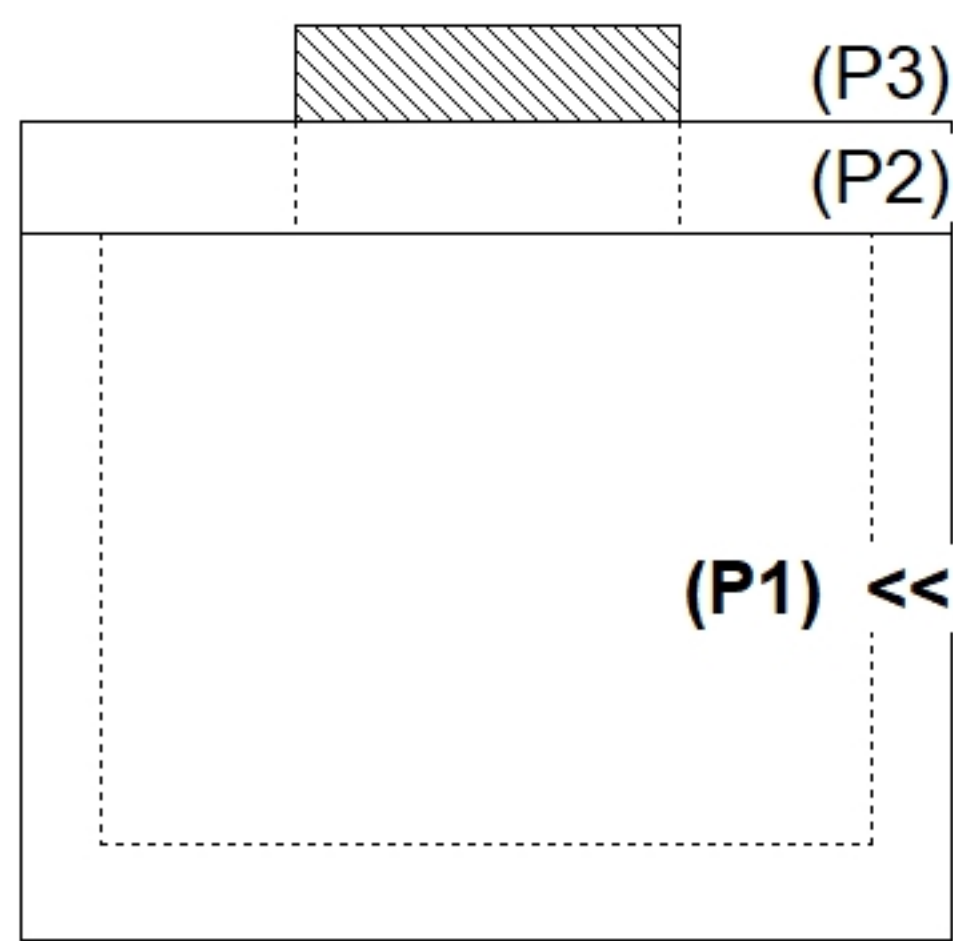
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 504.12' Rim to Invert: 4.12' Slack: 0.34" Sump: 1.9" Step Position:

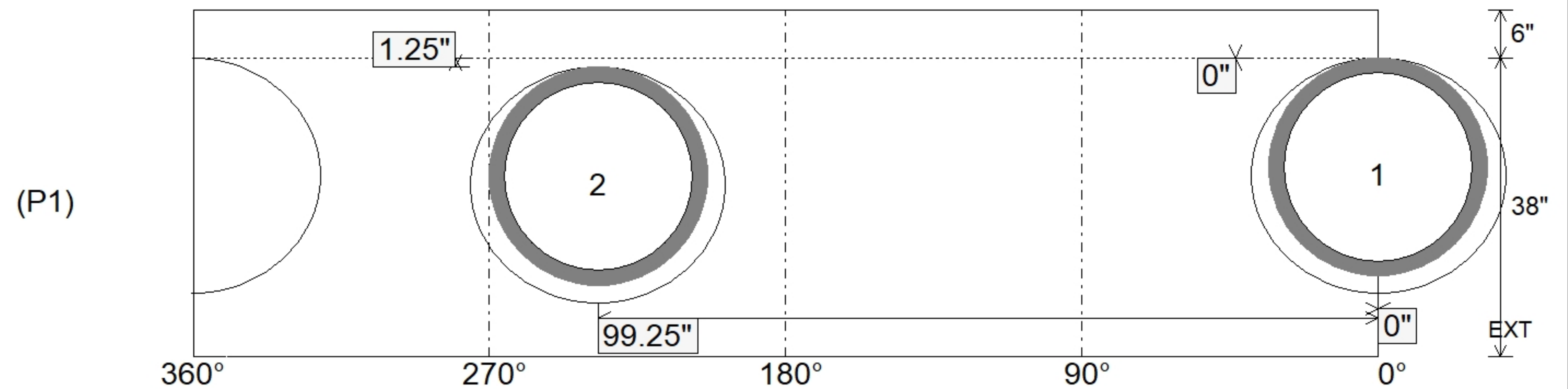
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	500'	0°	0"	24" HDPE	27.8"	Hole 30	30"	32.406"	0"	0"
Invert 2	500.1'	237°	120"	24" HDPE	27.8"	Hole 30	30"	32.406"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Flat	Wall Thickness: 5"	Height (Int): 38"	Weight (Net): 3353 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 44"	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 5:02:04 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

Structure ID: AA

P1 MH048BA42

MH BASE T/n

P3) 24" - CASTING HEIGHT - 6"	0 lb
P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"	1561 lb
P1) 48" - MH BASE T/n - 42"	3870 lb
1) Conseal CS-102 1.00" (Single)	0 lb
1) CASTING - JBS 1155 F/C STORM	250 lb
2) Hole - 24"	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	5681 lb

Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- NO INVERT CHANNEL.
- CASTING BY I-CAST (JBS 1155 F/C STORM).

REINFORCING PER ASTM A615 (GRADE 60).

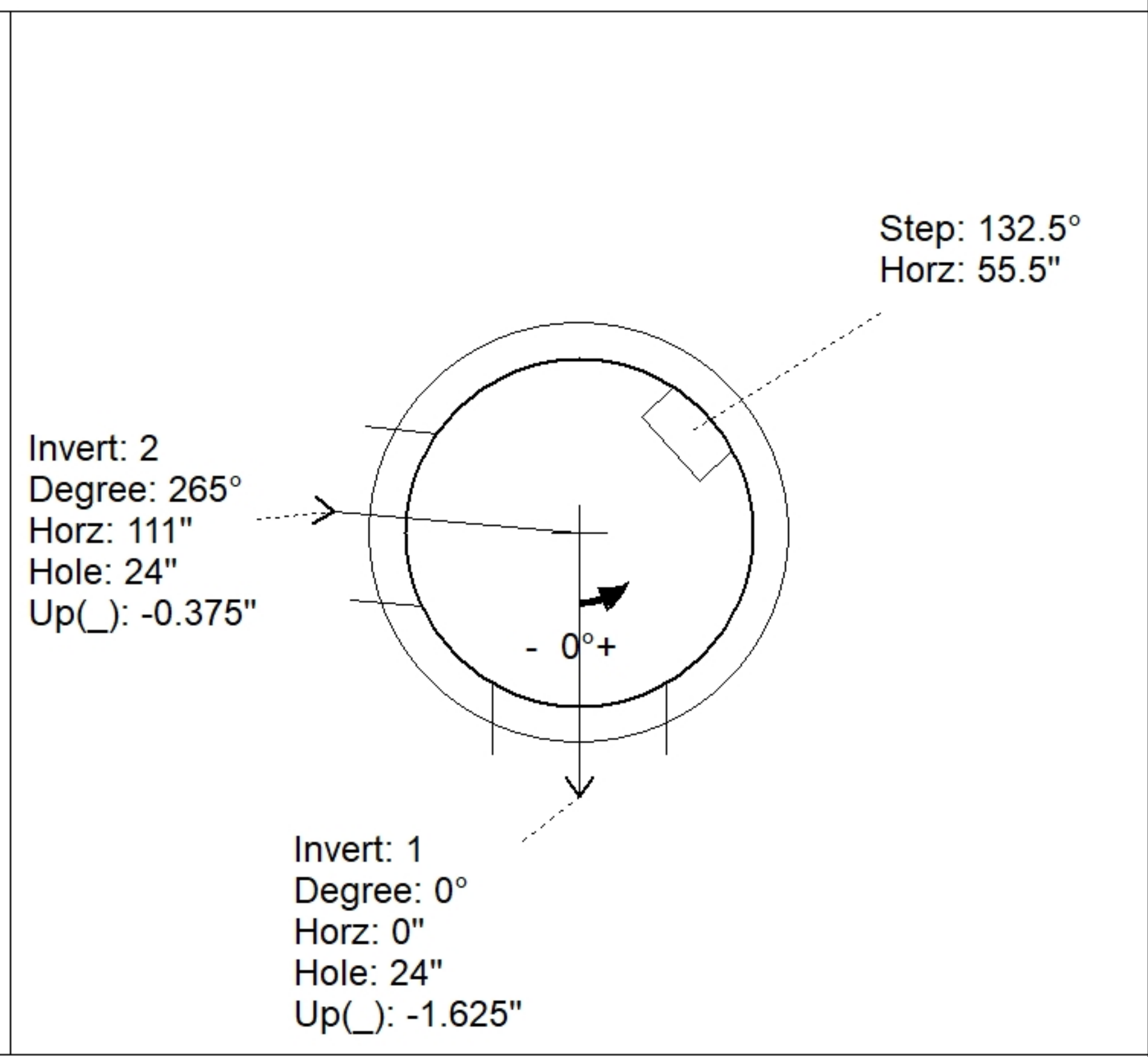
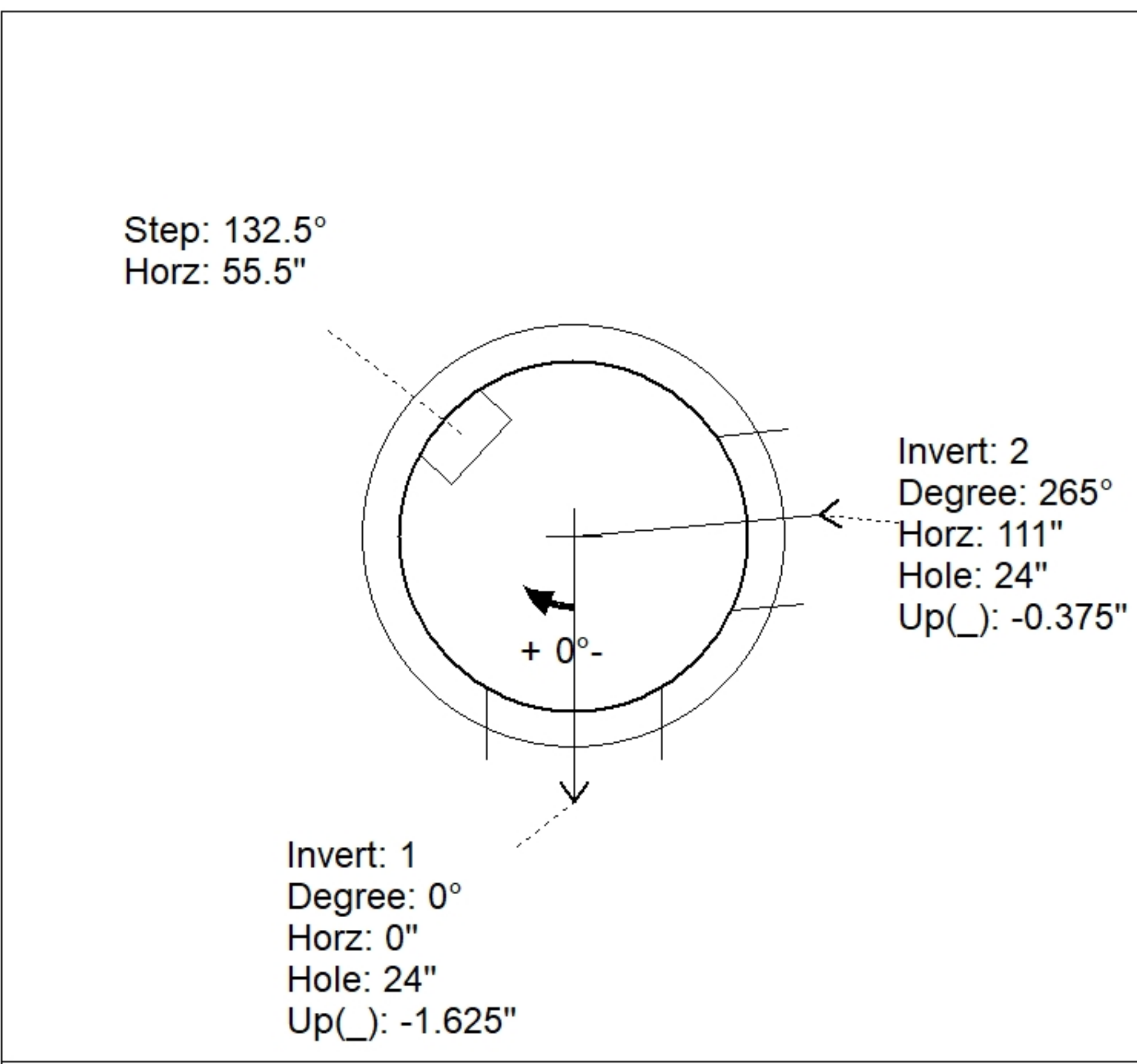
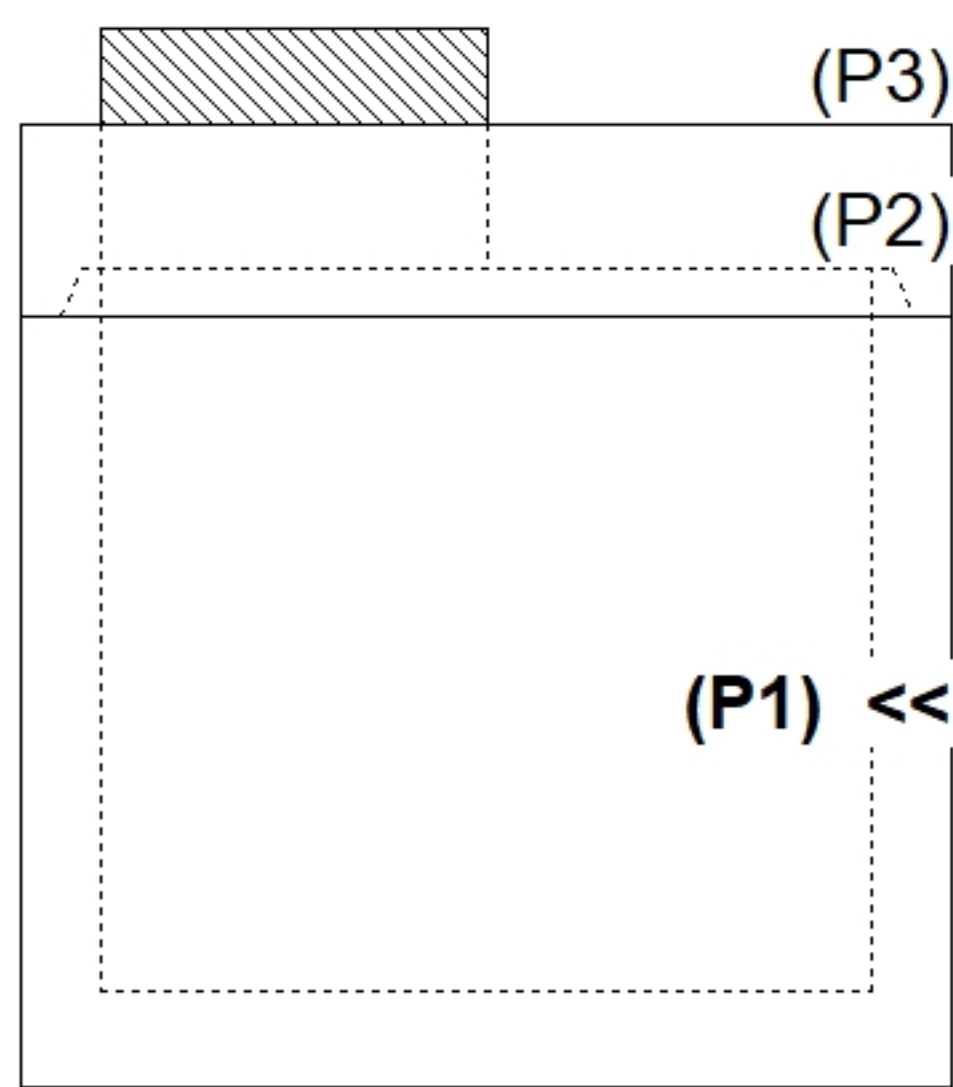
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W

Rim: 505' Rim to Invert: 5.17' Slack: 2.04" Sump: 0" Step Position: 132.5°

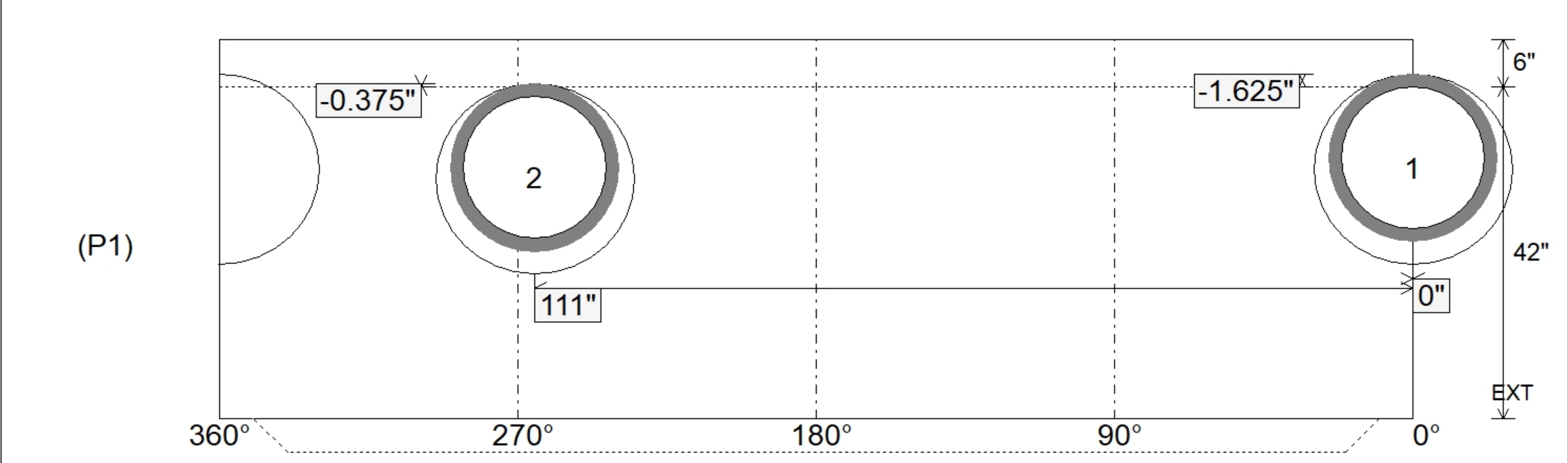
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	499.83'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	-1.625"	0"
Invert 2	499.93'	265°	134.125"	18" HDPE	21.2"	Hole 24	24"	25.133"	-0.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 42"	Weight (Net): 3870 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 48"	Volume (Net): 0.99cu.yd

Structure ID: 153-90 SS-MH

P1 MH048BAVF

MH BASE (08"F) T/n

P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE F/G - 36" P2) 48" - MH RISER T/G - 36" P1) 48" - MH BASE (08"F) T/n - 40" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) CASTING - HOE MC-375 F/C BGMU Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) PSX - 16L NYLO 1) PSX - 16M NYLO 8) MH Step ML-10-TDS-NCR - 10"	0 lb 3000 lb 2515 lb 4396 lb 1440 lb 0 lb 0 lb 271 lb 0 lb 8 lb 8 lb 0 lb ----- Structure Total: 11638 lb
--	--

Structure Notes:

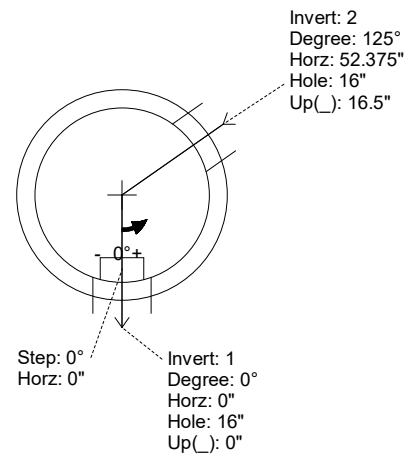
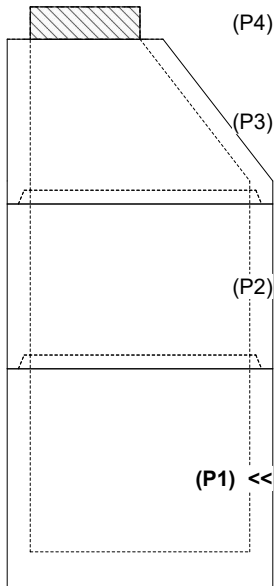
1. PER KYTC & ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615
4. INVERT CHANNEL REQUIRED
5. STEPS AT 0 DEGREES
6. HOE MC-375 FRAME & COVER "BGMU SANITARY" SUPPLIED BY ICAST

Rim: 534.8' Rim to Invert: 9.84' Slack: 1.08" Sump: 2" Step Position: 0

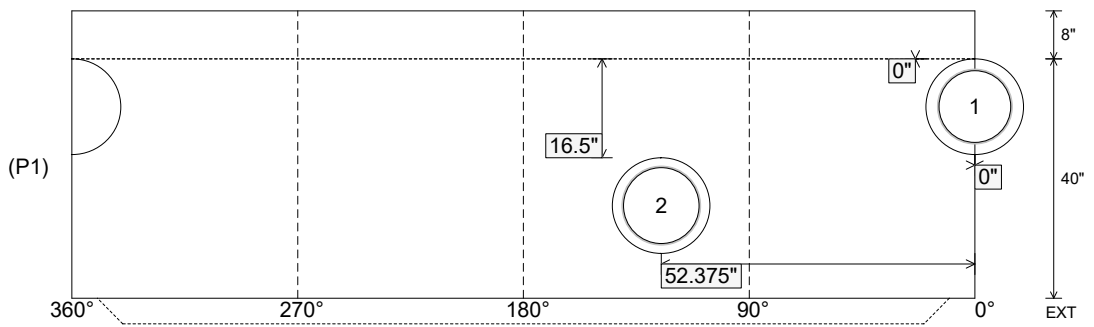
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	524.96'	0°	0"	12" PVC SDR35	12.5"	PSX 16L NYLO	16"	16.312"	0"	0"
Invert 2	526.31'	125°	63.25"	12" DI	13.2"	PSX 16M NYLO	16"	16.312"	16.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 8"	Height (Int): 40" Height (Ext): 48"	Weight (Net): 4396 lb Volume (Net): 1.12cu.yd
----------------------------------	---------------------------------	--	--	--

Structure ID: 153-90 SS-MH

P1 MH048BAVF

MH BASE (08"F) T/n

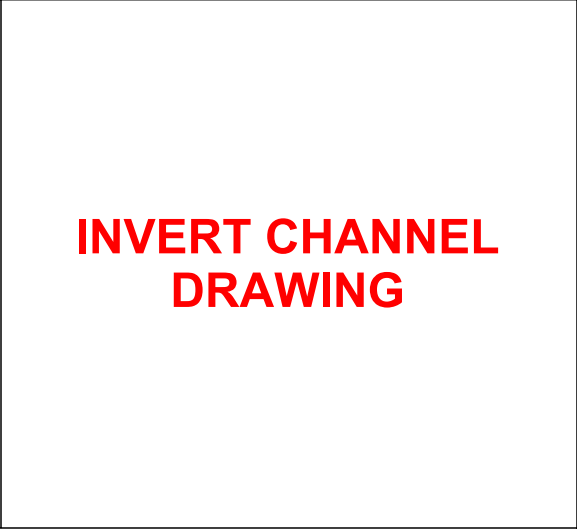
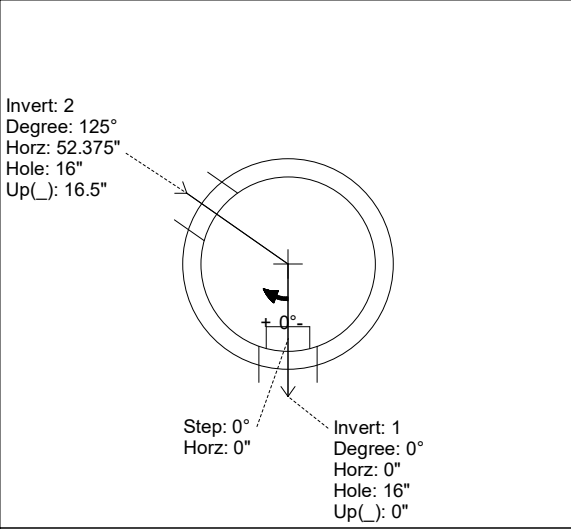
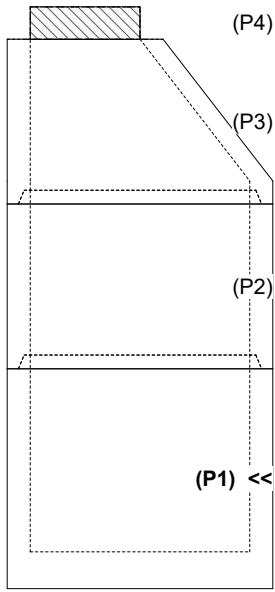
P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE F/G - 36" P2) 48" - MH RISER T/G - 36" P1) 48" - MH BASE (08"F) T/n - 40" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) CASTING - HOE MC-375 F/C BGMU Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 1) PSX - 16L NYLO 1) PSX - 16M NYLO 8) MH Step ML-10-TDS-NCR - 10"	0 lb 3000 lb 2515 lb 4396 lb 1440 lb 0 lb 0 lb 271 lb 0 lb 8 lb 8 lb 0 lb	Structure Notes: 1. PER KYTC & ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. INVERT CHANNEL REQUIRED 5. STEPS AT 0 DEGREES 6. HOE MC-375 FRAME & COVER "BGMU SANITARY" SUPPLIED BY ICAST
Structure Total:	11638 lb	

Rim: 534.8' Rim to Invert: 9.84' Slack: 1.08" Sump: 2" Step Position: 0

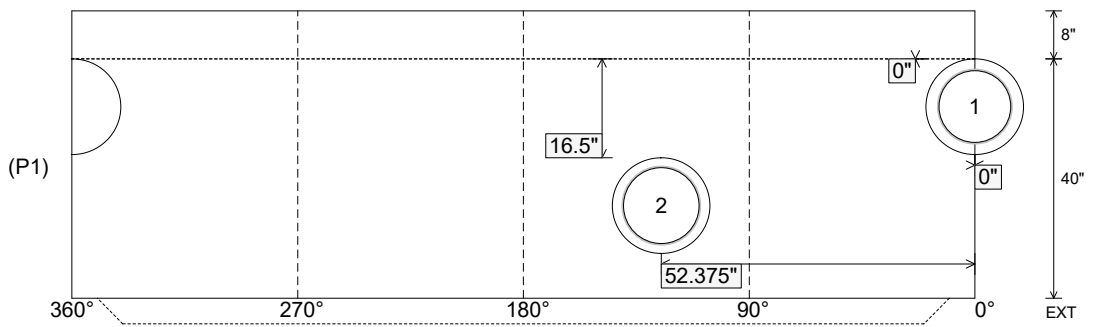
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	524.96'	0°	0"	12" PVC SDR35	12.5"	PSX 16L NYLO	16"	16.312"	0"	0"
Invert 2	526.31'	125°	63.25"	12" DI	13.2"	PSX 16M NYLO	16"	16.312"	16.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 8"	Height (Int): 40" Height (Ext): 48"	Weight (Net): 4396 lb Volume (Net): 1.12cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 26-1322B - KYTC Warren Co Call 104 (261503)
 Job Location: Bowling Green, KY
 Contractor: Cumberland Pipeline LLC

Plant: 100

4/21/2026 2:25:17 PM

Tech: Jared - A

PC: Celina Goff



Structure ID: 155-92 SS-MH

P1 MH048BA42

MH BASE (08"F) T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE F/G - 42"
- P2) 48" - MH RISER T/G - 48"
- P1) 48" - MH BASE (08"F) T/n - 42"
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212
- 1) CASTING - HOE MC-375 F/C BGMU Sanitary
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) Kor-N-Seal1 - S106-20BW
- 1) PSX - 16L NYLO
- 10) MH Step ML-10-TDS-NCR - 10"

0 lb
 3200 lb
 3353 lb
 4487 lb
 1440 lb
 0 lb
 0 lb
 271 lb
 0 lb
 6 lb
 8 lb
 0 lb

 Structure Total: 12765 lb

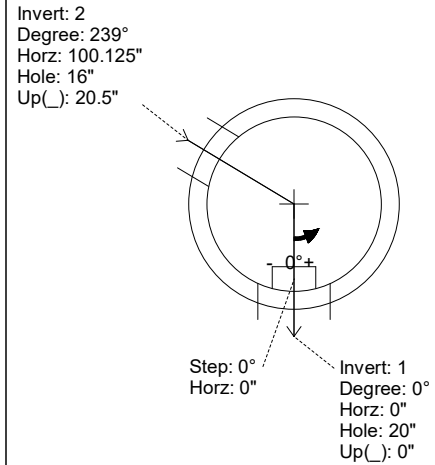
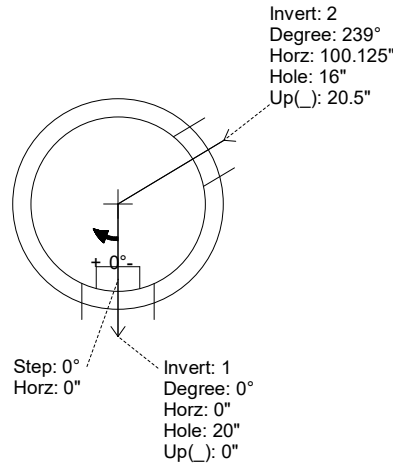
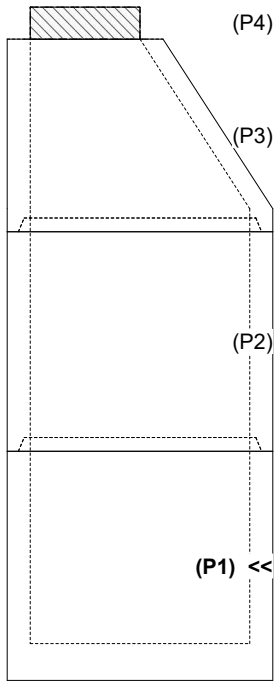
- Structure Notes:**
1. PER KYTC & ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. INVERT CHANNEL REQUIRED
 5. STEPS AT 0 DEGREES
 6. HOE MC-375 FRAME & COVER "BGMU SANITARY" SUPPLIED BY ICAST

Rim: 533.62' Rim to Invert: 11.51' Slack: 1.62' Sump: 2.5" Step Position: 0°

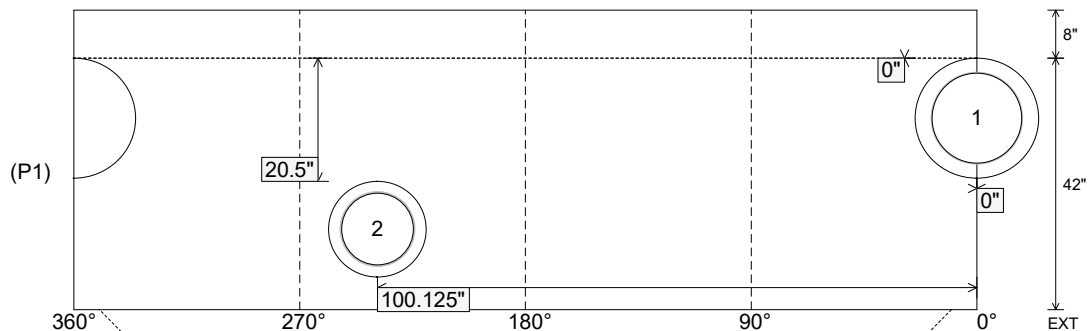
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	522.11'	0°	0"	15" PVC SDR35	15.3"	Kor-N-Seal1 S106-20BW	20"	20.629"	0"	0"
Invert 2	523.78'	239°	121"	12" PVC SDR35	12.5"	PSX 16L NYLO	16"	16.312"	20.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 8"

Height (Int): 42"
 Height (Ext): 50"

Weight (Net): 4487 lb
 Volume (Net): 1.15cu.yd

Job Name: 26-1322B - KYTC Warren Co Call 104 (261503)
 Job Location: Bowling Green, KY
 Contractor: Cumberland Pipeline LLC

Plant: 100

Tech: Jared - A

4/21/2026 2:25:17 PM

PC: Celina Goff



Structure ID: 155-92 SS-MH

P1 MH048BA42

MH BASE (08"F) T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 48" - ECC CONE w/ 24" HOLE F/G - 42"
- P2) 48" - MH RISER T/G - 48"
- P1) 48" - MH BASE (08"F) T/n - 42"
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212
- 1) CASTING - HOE MC-375 F/C BGMU Sanitary
- 2) 48" - Conseal CS-102 1.00" (Double)
- 1) Kor-N-Seal1 - S106-20BW
- 1) PSX - 16L NYLO
- 10) MH Step ML-10-TDS-NCR - 10"

0 lb
 3200 lb
 3353 lb
 4487 lb
 1440 lb
 0 lb
 0 lb
 271 lb
 0 lb
 6 lb
 8 lb
 0 lb

 Structure Total: 12765 lb

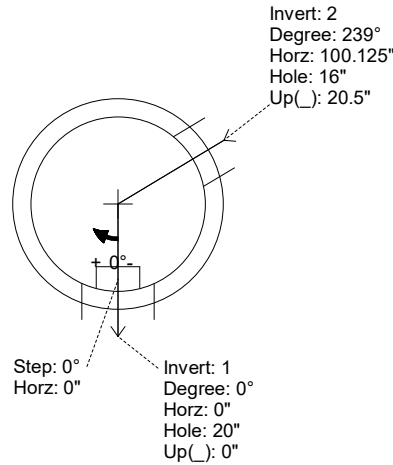
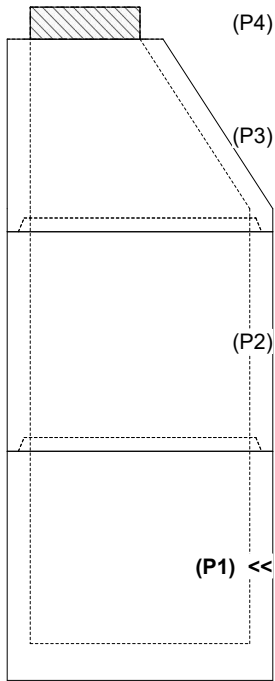
- Structure Notes:**
1. PER KYTC & ASTM C-478 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: PER ASTM A615
 4. INVERT CHANNEL REQUIRED
 5. STEPS AT 0 DEGREES
 6. HOE MC-375 FRAME & COVER "BGMU SANITARY" SUPPLIED BY ICAST

Rim: 533.62' Rim to Invert: 11.51' Slack: 1.62' Sump: 2.5' Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	522.11'	0°	0"	15" PVC SDR35	15.3"	Kor-N-Seal1 S106-20BW	20"	20.629"	0"	0"
Invert 2	523.78'	239°	121"	12" PVC SDR35	12.5"	PSX 16L NYLO	16"	16.312"	20.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

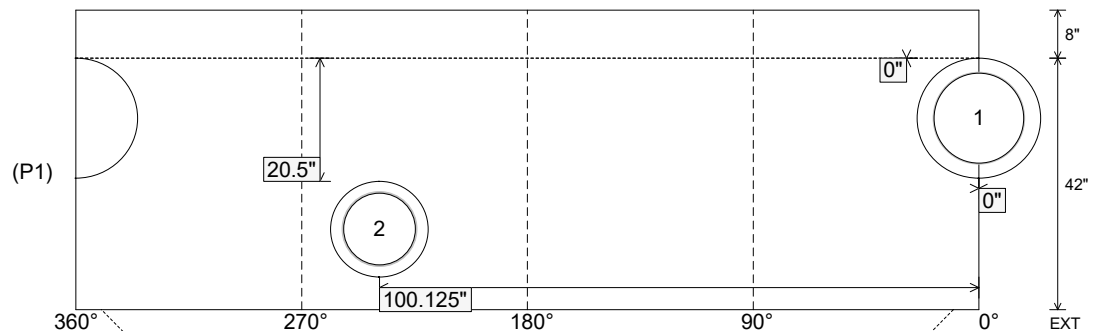
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 8"

Height (Int): 42"
 Height (Ext): 50"

Weight (Net): 4487 lb
 Volume (Net): 1.15cu.yd

Structure ID: 154-91 SS-MH

P1 MH048BAVF

MH BASE (08"F) T/n

P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE F/G - 36" P2) 48" - MH RISER T/G - 36" P1) 48" - MH BASE (08"F) T/n - 38" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) CASTING - HOE MC-375 F/C BGMU Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 16L NYLO 8) MH Step ML-10-TDS-NCR - 10"	<table border="0"> <tr><td>0 lb</td></tr> <tr><td>3000 lb</td></tr> <tr><td>2515 lb</td></tr> <tr><td>4257 lb</td></tr> <tr><td>1440 lb</td></tr> <tr><td>0 lb</td></tr> <tr><td>0 lb</td></tr> <tr><td>271 lb</td></tr> <tr><td>0 lb</td></tr> <tr><td>16 lb</td></tr> <tr><td>0 lb</td></tr> <tr><td>-----</td></tr> <tr><td>Structure Total: 11499 lb</td></tr> </table>	0 lb	3000 lb	2515 lb	4257 lb	1440 lb	0 lb	0 lb	271 lb	0 lb	16 lb	0 lb	-----	Structure Total: 11499 lb
0 lb														
3000 lb														
2515 lb														
4257 lb														
1440 lb														
0 lb														
0 lb														
271 lb														
0 lb														
16 lb														
0 lb														

Structure Total: 11499 lb														

Structure Notes:

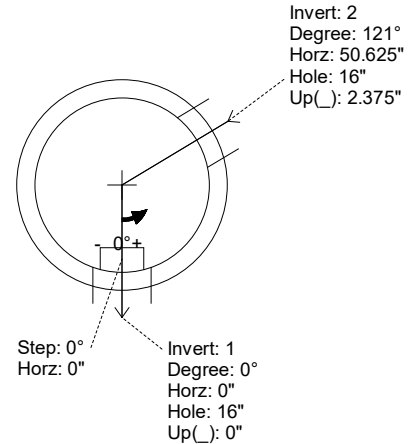
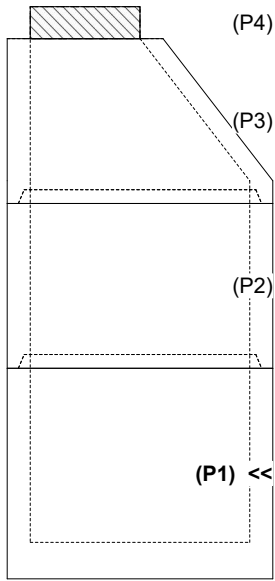
1. PER KYTC & ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615
4. INVERT CHANNEL REQUIRED
5. STEPS AT 0 DEGREES
6. HOE MC-375 FRAME & COVER "BGMU SANITARY" SUPPLIED BY ICAST

Rim: 533.54' Rim to Invert: 9.71' Slack: 1.52" Sump: 2" Step Position: 0

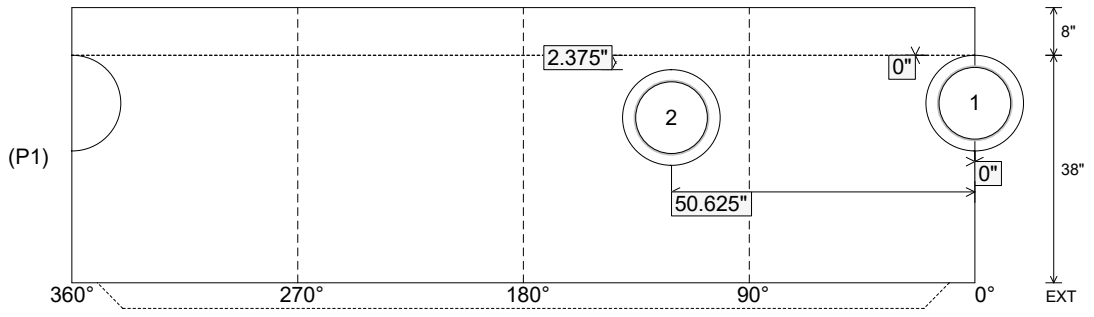
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	523.83'	0°	0"	12" PVC SDR35	12.5"	PSX 16L NYLO	16"	16.312"	0"	0"
Invert 2	524.03'	121°	61.25"	12" PVC SDR35	12.5"	PSX 16L NYLO	16"	16.312"	2.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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: 8"	Height (Int): 38" Height (Ext): 46"	Weight (Net): 4257 lb Volume (Net): 1.09cu.yd
----------------------------------	---------------------------------	--	--	--

Structure ID: 154-91 SS-MH

P1 MH048BAVF

MH BASE (08"F) T/n

P4) 24" - CASTING HEIGHT - 7" P3) 48" - ECC CONE w/ 24" HOLE F/G - 36" P2) 48" - MH RISER T/G - 36" P1) 48" - MH BASE (08"F) T/n - 38" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) CASTING - HOE MC-375 F/C BGMU Sanitary 2) 48" - Conseal CS-102 1.00" (Double) 2) PSX - 16L NYLO 8) MH Step ML-10-TDS-NCR - 10"	0 lb 3000 lb 2515 lb 4257 lb 1440 lb 0 lb 0 lb 271 lb 0 lb 16 lb 0 lb ----- Structure Total: 11499 lb
---	---

Structure Notes:

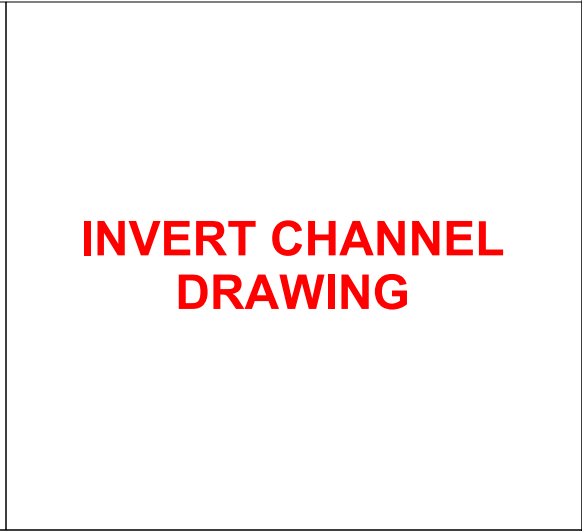
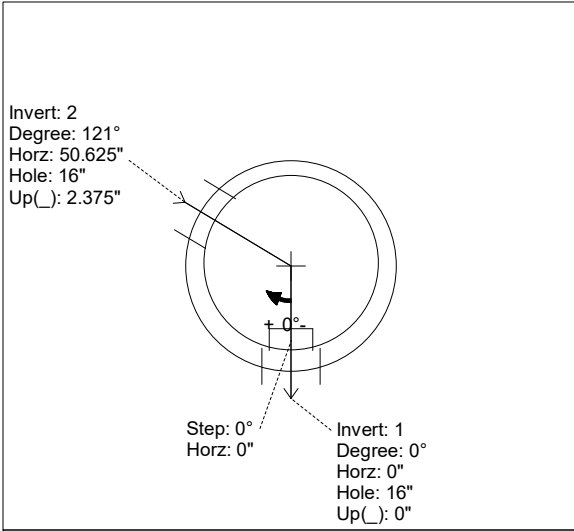
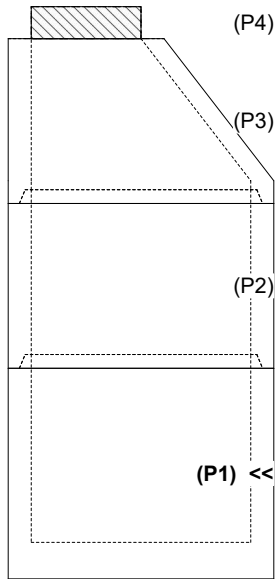
1. PER KYTC & ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615
4. INVERT CHANNEL REQUIRED
5. STEPS AT 0 DEGREES
6. HOE MC-375 FRAME & COVER "BGMU SANITARY" SUPPLIED BY ICAST

Rim: 533.54' Rim to Invert: 9.71' Slack: 1.52" Sump: 2" Step Position: 0

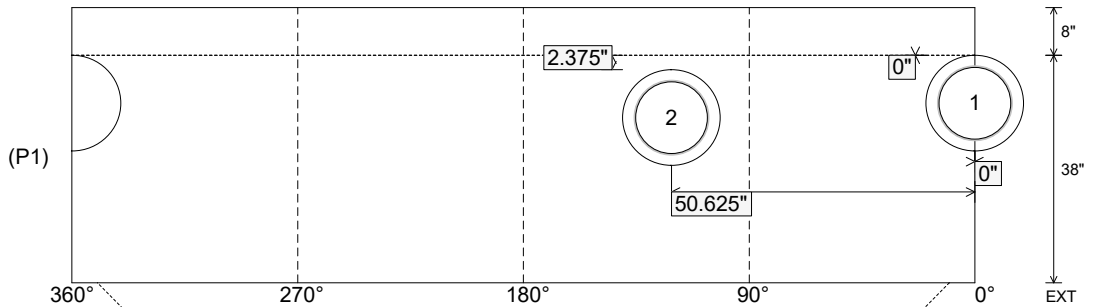
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	523.83'	0°	0"	12" PVC SDR35	12.5"	PSX 16L NYLO	16"	16.312"	0"	0"
Invert 2	524.03'	121°	61.25"	12" PVC SDR35	12.5"	PSX 16L NYLO	16"	16.312"	2.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 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: 8"	Height (Int): 38" Height (Ext): 46"	Weight (Net): 4257 lb Volume (Net): 1.09cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 23-2792 - Teal Dr. Development
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100

Tech: J. Horsley - F

3/25/2026 1:42:47 PM

PC: C. Goff

Structure ID: STM-C3

P2 MH060LD13-30SQ

MH FLAT TOP w/30"x30" Hole F/G

- P3) 30" x 30" - CASTING HEIGHT - 6"
- P2) 60" - MH FLAT TOP w/30"x30" Hole F/G - 13"
- P1) 60" - MH BASE Custom Ht T/n - 68"
- 1) CASTING - JBS 3101 Single Set (F/G/H)
- 1) 60" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 40
- 5) MH Step ML-10-TDS-NCR - 10"

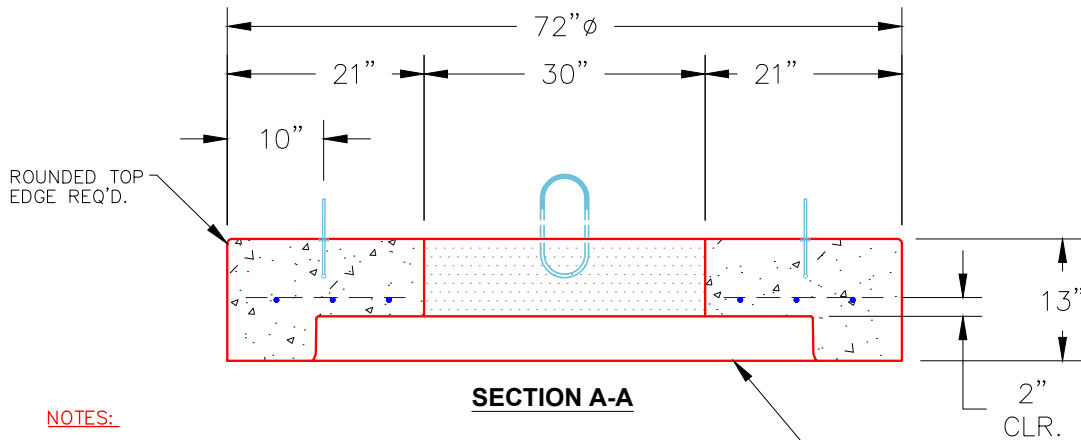
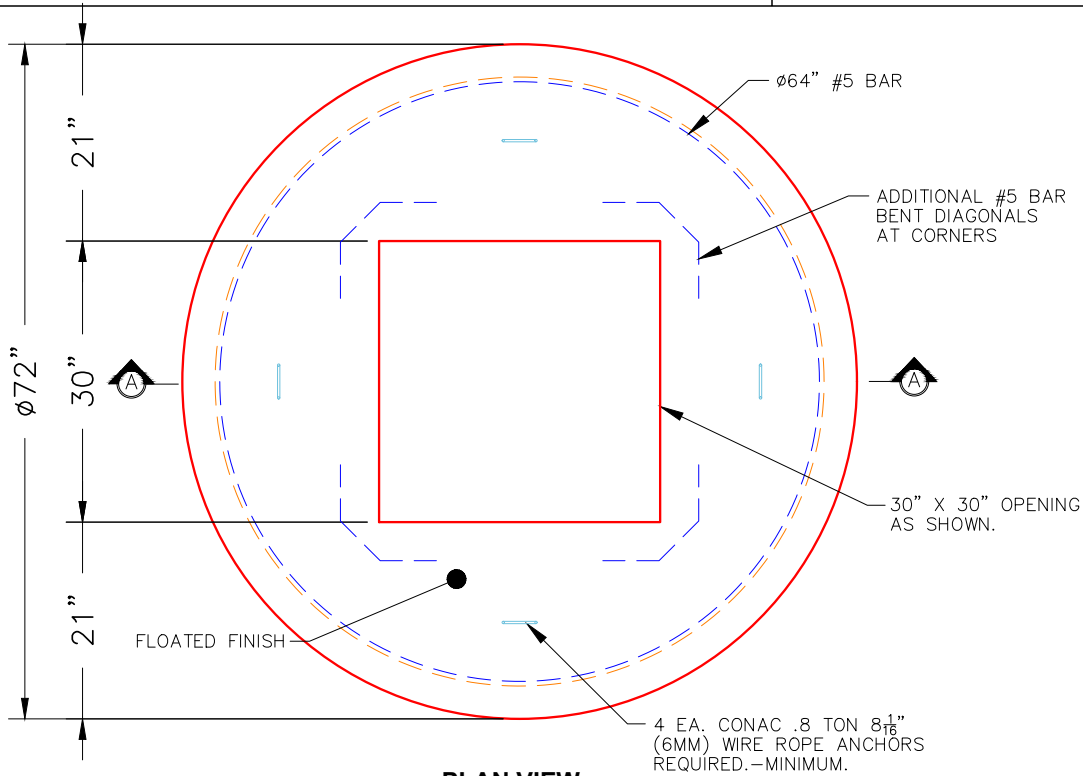
0 lb
 2400 lb
 8469 lb
 619 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 11487 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 3101 SINGLE SET (F/G/H))

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



NOTES:

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

STANDARD SINGLE OFFSET
 GROOVE JOINT REQUIRED

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 6"

Height (Ext): 13"

Weight (Net): 2400 lb
 Volume (Net): 0.61cu.yd

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

Plant: 100
 5/12/2026 11:30:55 AM

Tech: Jared - F
 PC: A. Chambers



Structure ID: 103-13 MHJ

P2 MH060LD08

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

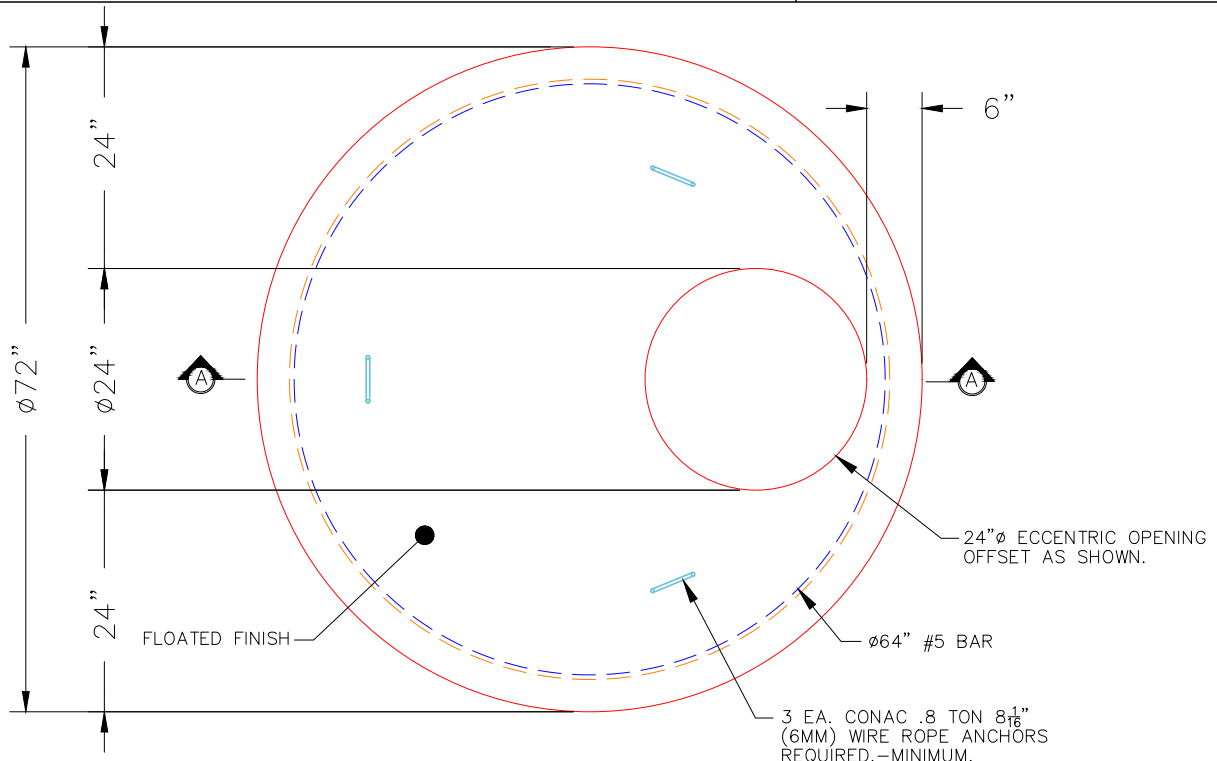
- P3) 24" - CASTING HEIGHT - 1"
- P2) 60" - MH FLAT LID w/24in ECC Hole F/F - 8"
- P1) 60" - MH BASE Custom Ht F/n - 61"
- 1) EJ 6489 GRATE
- 1) 60" - Conseal CS-102 1.00"
- 2) Hole - 44
- 2) Hole - 6
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 2429 lb
 7390 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

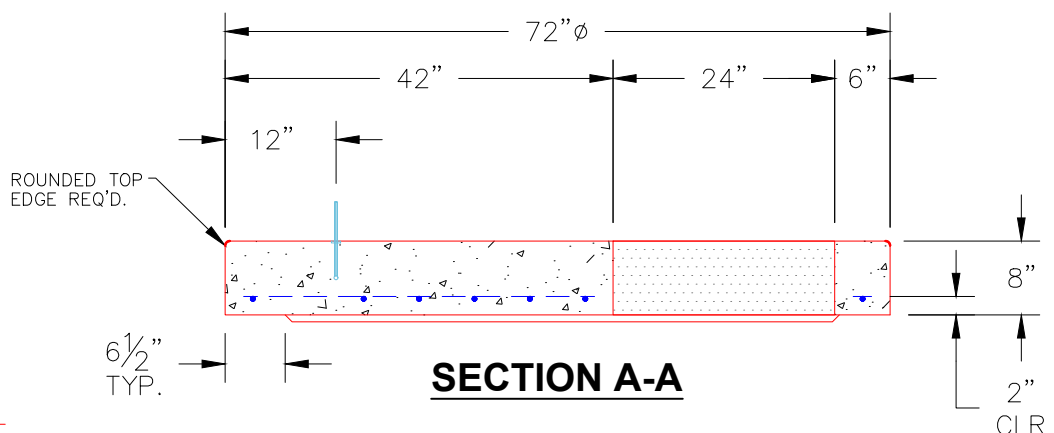
 Structure Total: 9819 lb

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 (EJ 6489 GRATE).

 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.



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: Flat	Wall Thickness: 6"	Height (Ext): 8"	Weight (Net): 2429 lb Volume (Net): 0.62cu.yd
----------------------------------	--------------------------------	--------------------	------------------	--

Job Name: 23-2792 - Teal Dr. Development
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100
 3/25/2026 1:41:33 PM

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



Structure ID: STM-C3

P1 MH060BAVF

MH BASE Custom Ht T/n

- P3) 30" x 30" - CASTING HEIGHT - 6"
- P2) 60" - MH FLAT TOP w/30"x30" Hole F/G - 13"
- P1) 60" - MH BASE Custom Ht T/n - 68"
- 1) CASTING - JBS 3101 Single Set (F/G/H)
- 1) 60" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 40
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 2400 lb
 8469 lb
 619 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 11487 lb

- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3101 SINGLE SET (F/G/H))

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.

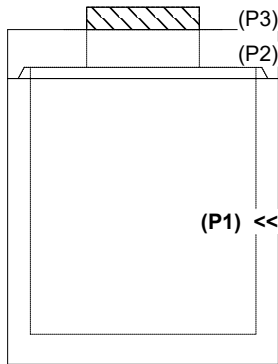
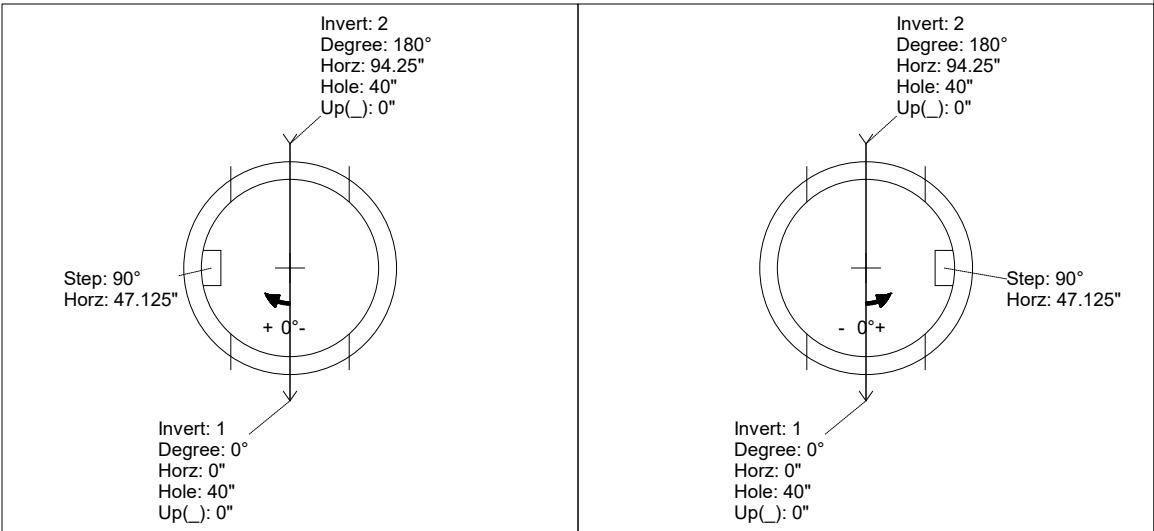
Structure Total:

Rim: 471.79' Rim to Invert: 6.99' Slack: 0.38" Sump: 3.5" Step Position: 90°

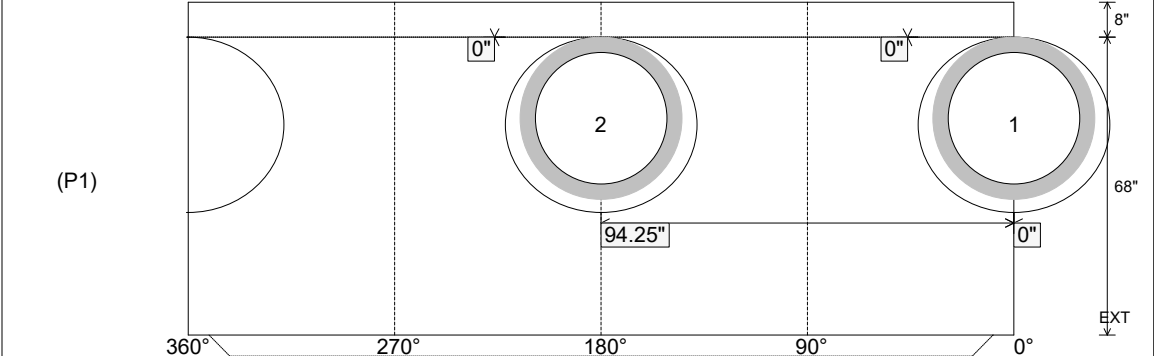
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	464.8'	0°	0"	30" RCP B WALL	37"	Hole 40	40"	43.784"	0"	0"
Invert 2	464.8'	180°	113.125"	30" RCP B WALL	37"	Hole 40	40"	43.784"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 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: 6" Floor Height: 8"	Height (Int): 68" Height (Ext): 76"	Weight (Net): 8469 lb Volume (Net): 2.16cu.yd
----------------------------------	---------------------------------	--	--	--

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

Plant: 100
 5/12/2026 11:30:16 AM

Tech: Jared - F
 PC: A. Chambers



Structure ID: 101-11 MHJ

P1 MH060BA60

MH BASE F/n

- P3) 24" x 36" - CASTING HEIGHT - 4"
- P2) 60" - MH FLAT TOP w/24"x36" Hole F/F - 8"
- P1) 60" - MH BASE F/n - 60"
- 1) CASTING - HOE 518 F/G
- 1) 60" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 44
- 1) Hole - 38
- 2) Hole - 6
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 2153 lb
 7517 lb
 354 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 10024 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 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.

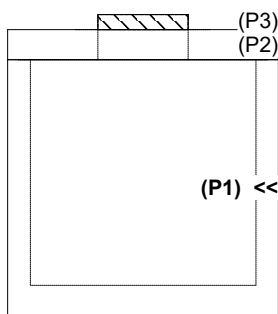
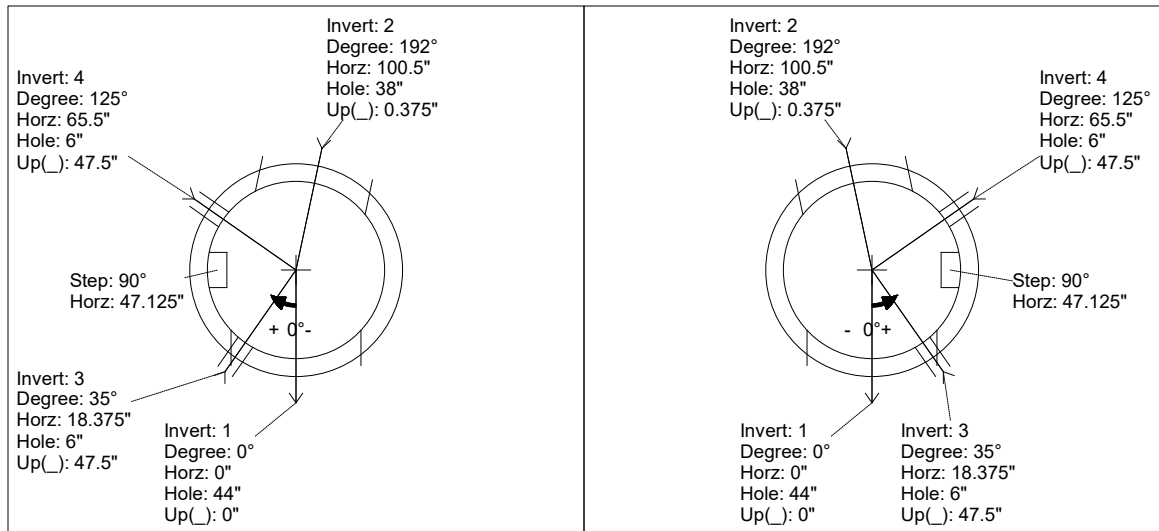
Structure Total: 10024 lb

Rim: 385.15' Rim to Invert: 5.8' Slack: 0.475" Sump: 2.875" Step Position: 90°

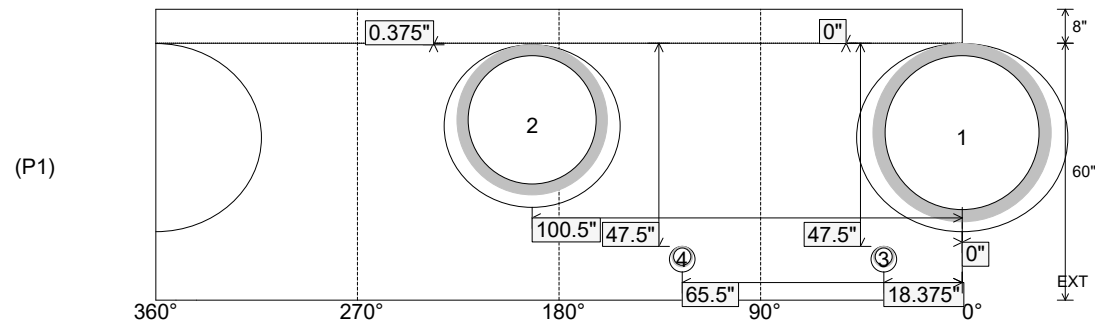
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (⌋)	Offset
Invert 1	379.35'	0°	0"	36" HDPE	41.7"	Hole 44	44"	49.393"	0"	0"
Invert 2	379.35'	192°	120.625"	30" HDPE	35.1"	Hole 38	38"	41.151"	0.375"	0"
Invert 3	383.1'	35°	22"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.01"	47.5"	0"
Invert 4	383.1'	125°	78.5"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.01"	47.5"	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: 8"

Height (Int): 60"
 Height (Ext): 68"

Weight (Net): 7517 lb
 Volume (Net): 1.92cu.yd

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

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

Tech: Jared - F
 PC: A. Chambers



Structure ID: 303-5 MHJ

P1 MH060BAVF

MH BASE Custom Ht F/n

- P3) 24" x 36" - CASTING HEIGHT - 4"
- P2) 60" - MH FLAT TOP w/24"x36" Hole F/F - 8"
- P1) 60" - MH BASE Custom Ht F/n - 49"
- 1) CASTING - HOE 518 F/G
- 1) 60" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 24
- 1) Hole - 20
- 2) Hole - 6
- 4) MH Step ML-10-TDS-NCR - 10"

0 lb
 2153 lb
 7193 lb
 354 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 9700 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 518 F/G).

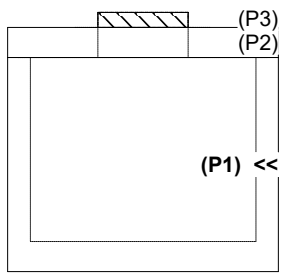
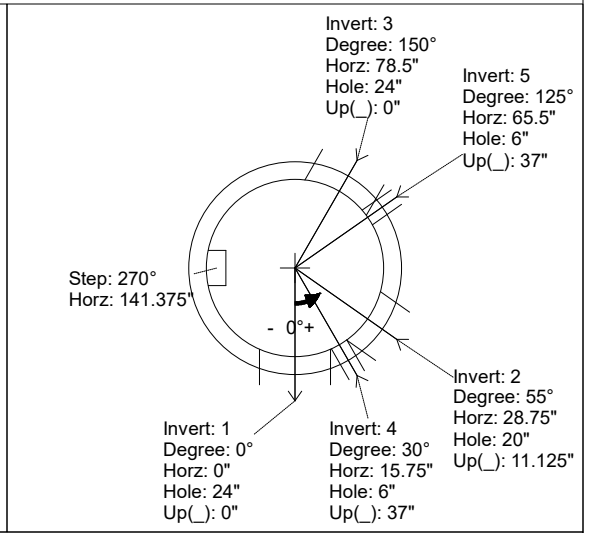
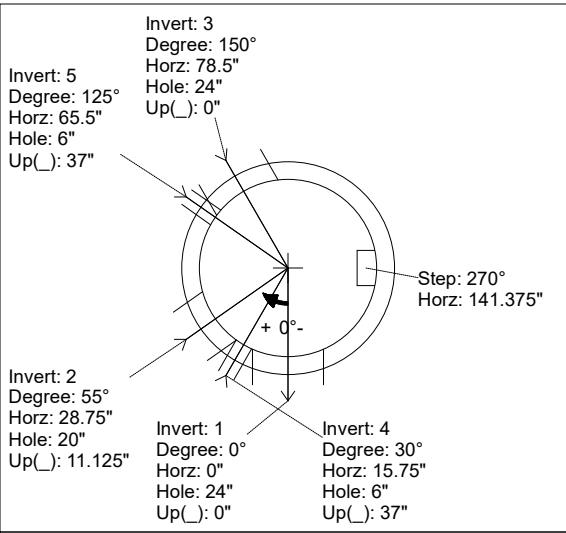
 REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Rim: 379.98' Rim to Invert: 4.98' Slack: 0.385" Sump: 1.625" Step Position: 270

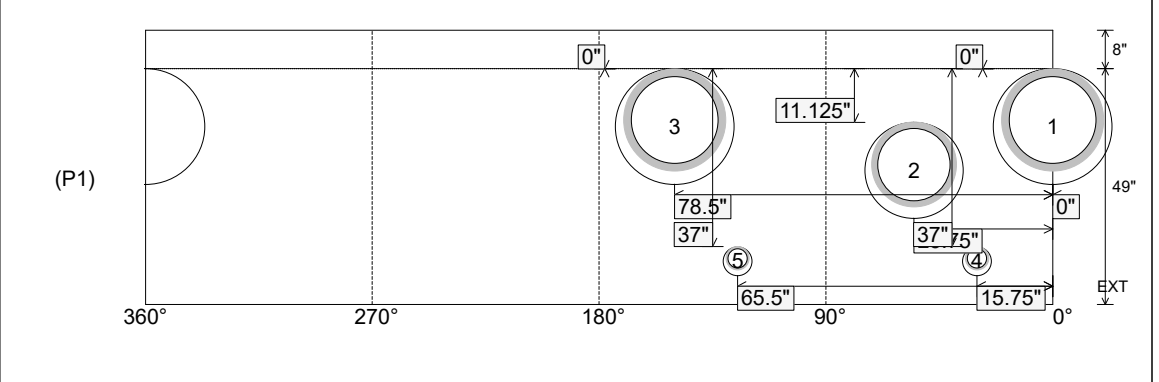
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	375'	0°	0"	18" HDPE	21.2"	Hole 24	24"	24.691"	0"	0"
Invert 2	375.9'	55°	34.5"	15" HDPE	17.6"	Hole 20	20"	20.39"	11.125"	0"
Invert 3	375'	150°	94.25"	18" HDPE	21.2"	Hole 24	24"	24.691"	0"	0"
Invert 4	377.98'	30°	18.875"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.01"	37"	0"
Invert 5	377.98'	125°	78.5"	4" HDPE (perf pipe)	4.8"	Hole 6	6"	6.01"	37"	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: 6" Floor Height: 8"	Height (Int): 49" Height (Ext): 57"	Weight (Net): 7193 lb Volume (Net): 1.84cu.yd
----------------------------------	-------------------------------	--	--	--

Structure ID: 10-CS-6

P3 MH072RS60

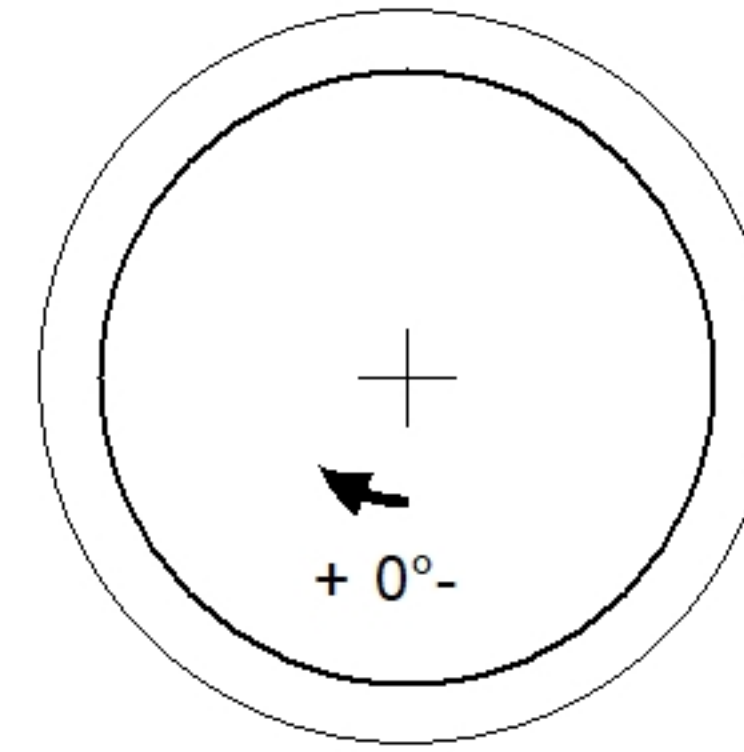
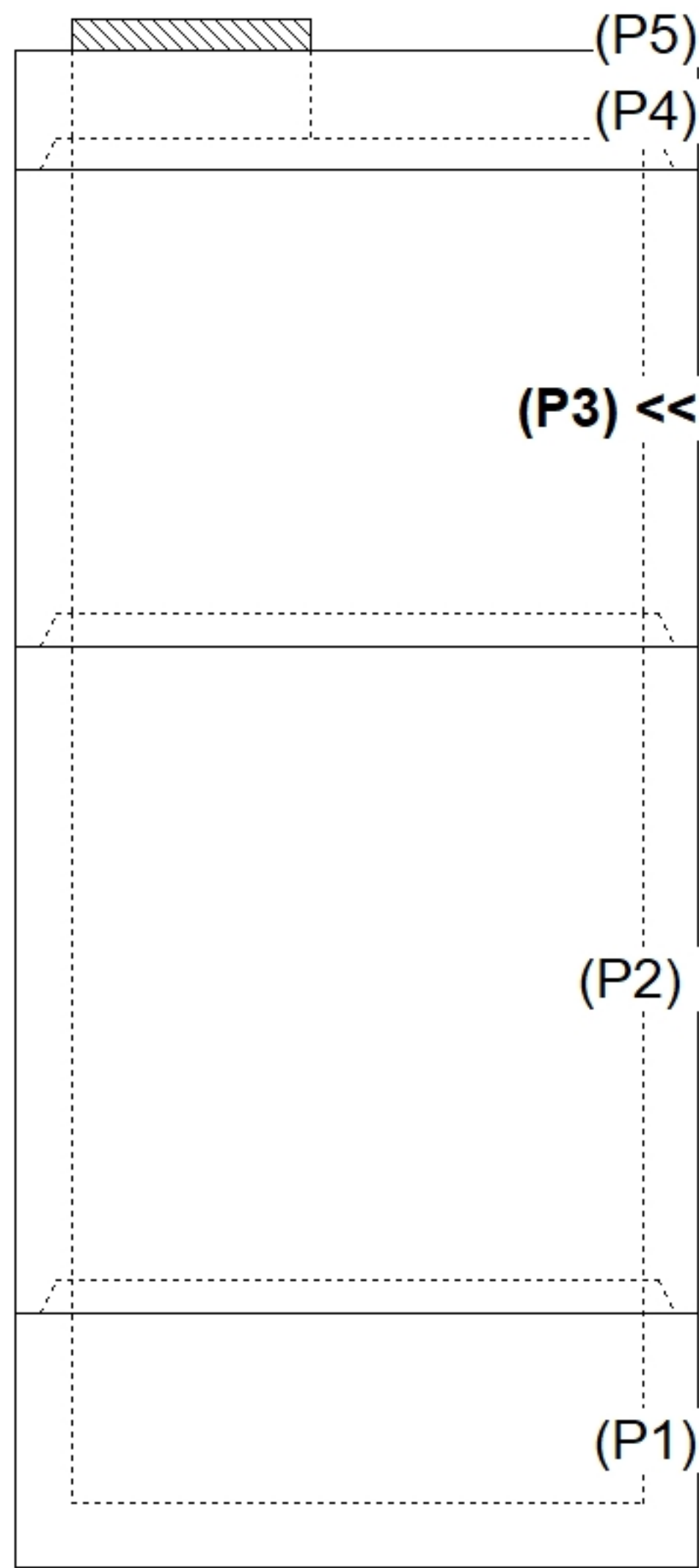
MH RISER T/G

P5) 30" - CASTING HEIGHT - 4" P4) 72" - MH FLAT TOP SPEC. (30" ECC HOLE) F/G - 15" P3) 72" - MH RISER T/G - 60" P2) 72" - MH RISER T/G - 84" P1) 72" - MH BASE T/n - 24" 1) ASSEMBLY REQUIRED 1) CVSTENCILING 3) 72" - Conseal CS-102 1.00" 2) Hole - 16	0 lb 4661 lb 8747 lb 12008 lb 7398 lb 0 lb 0 lb 0 lb 0 lb 0 lb	Structure Notes: 4" CASTING BY OTHERS . LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE . ICAST TO INSTALL THE INTERNALS . CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE
Structure Total: 32814 lb		

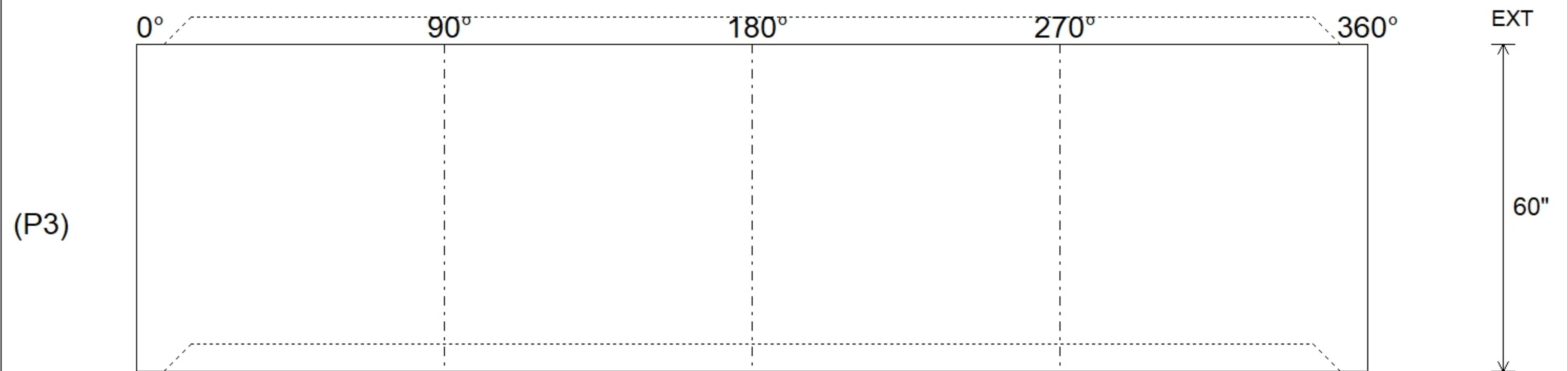
Rim: 455.84' Rim to Invert: 10.76' Slack: 11.156" Sump: 69.036" Step Position: 0°

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 7" Floor Height: 0"	Height (Int): 60" Height (Ext): 60"
Coating (Ext):			Weight (Net): 8747 lb Volume (Net): 2.23cu.yd

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

Plant: 100
 5/12/2026 11:30:56 AM

Tech: Jared - F
 PC: A. Chambers



Structure ID: 108-18 MHK

P2 MH072TS15-48ECC

MH Transition Slab 48" Hole T/G

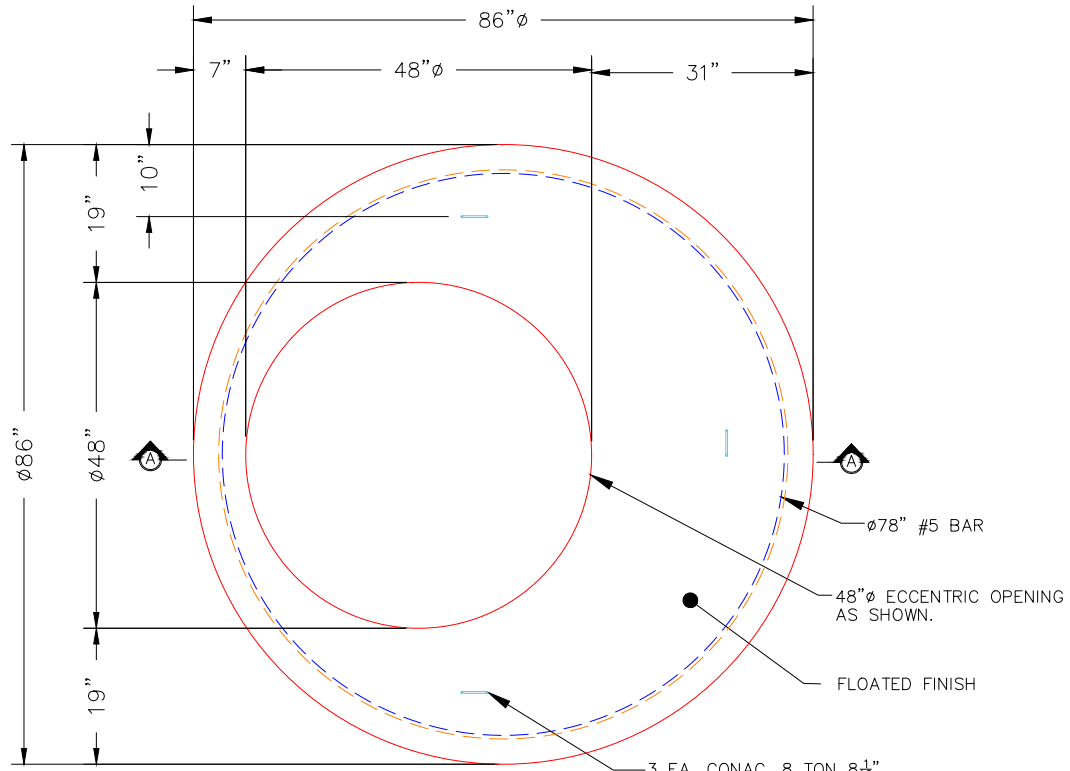
- P5) 24" x 36" - CASTING HEIGHT - 4"
- P4) 48" - MH FLAT TOP w/24"x36" Hole F/F - 7"
- P3) 48" - MH RISER Custom Ht F/G - 23"
- P2) 72" - MH Transition Slab 48" Hole T/G - 15"
- P1) 72" - MH BASE Custom Ht T/n - 62"
- 1) CASTING - HOE 518 F/G
- 1) 72" - Conseal CS-102 1.00"
- 2) 48" - Conseal CS-102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

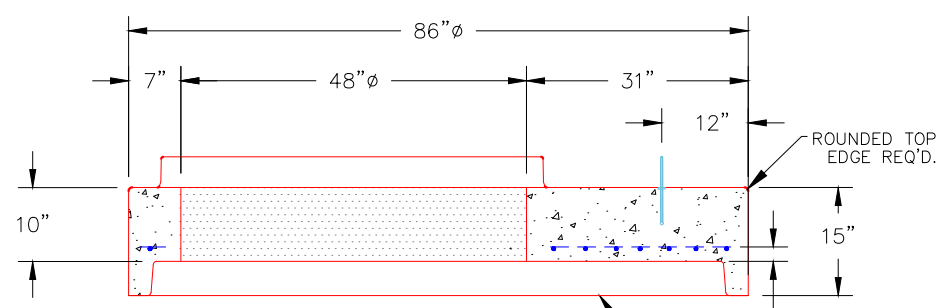
 Structure Total: 17278 lb

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.



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).

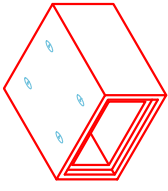
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 7"	Height (Ext): 15"	Weight (Net): 3864 lb Volume (Net): 0.99cu.yd
----------------------------------	------------------------------------	--------------------	-------------------	--



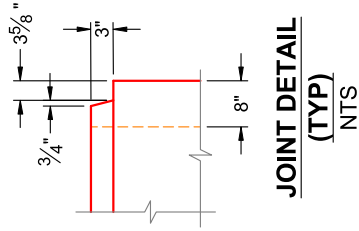
Structure ID: BC 4 x 2 (PC 14)

P1 BC048024-08WLF

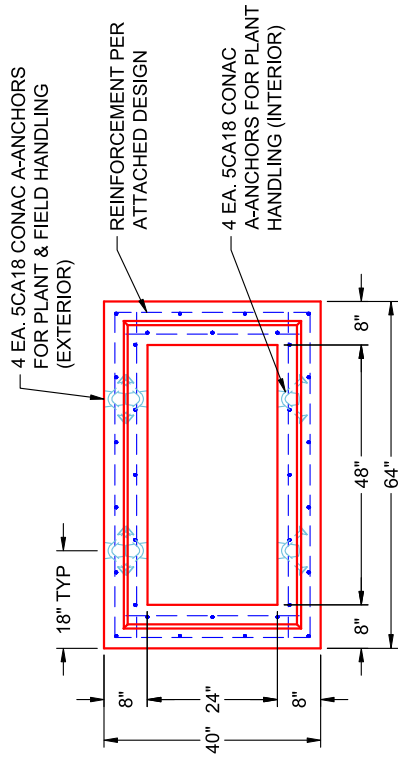
BOX CULVERT (08W/08F/08T) No Haunch G/T



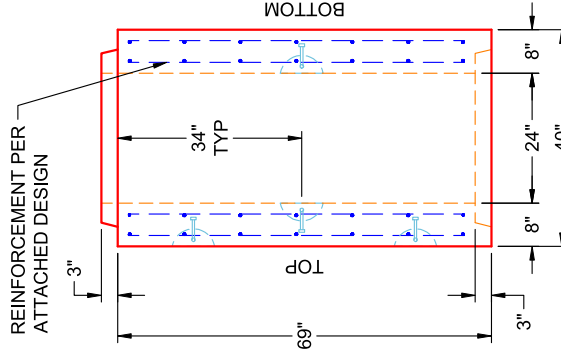
COMPONENT ISOMETRIC VIEW



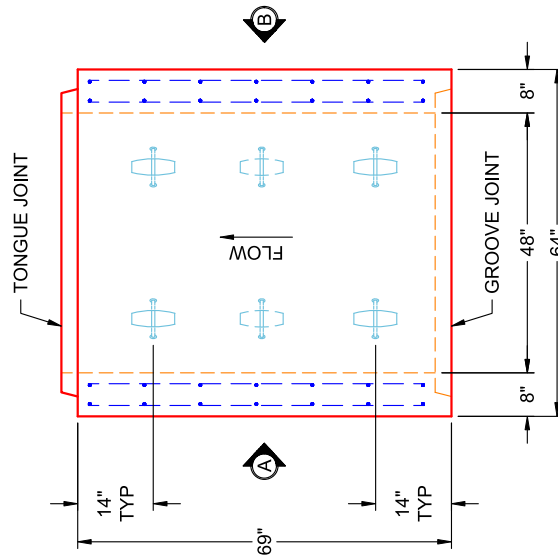
JOINT DETAIL (TYP) NTS



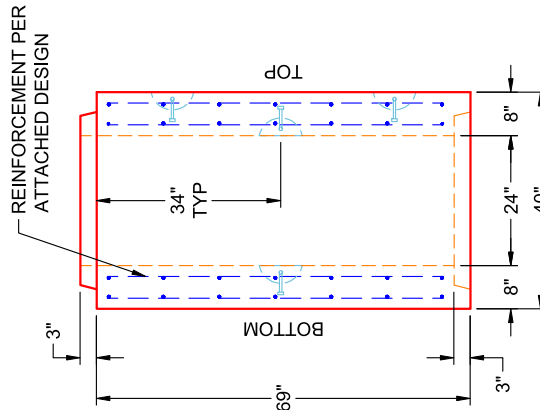
END VIEW TYPICAL



VIEW B PC 14 (UPRIGHT IN MOLD)



PLAN VIEW PC 14 (UPRIGHT IN MOLD)



VIEW A PC 14 (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

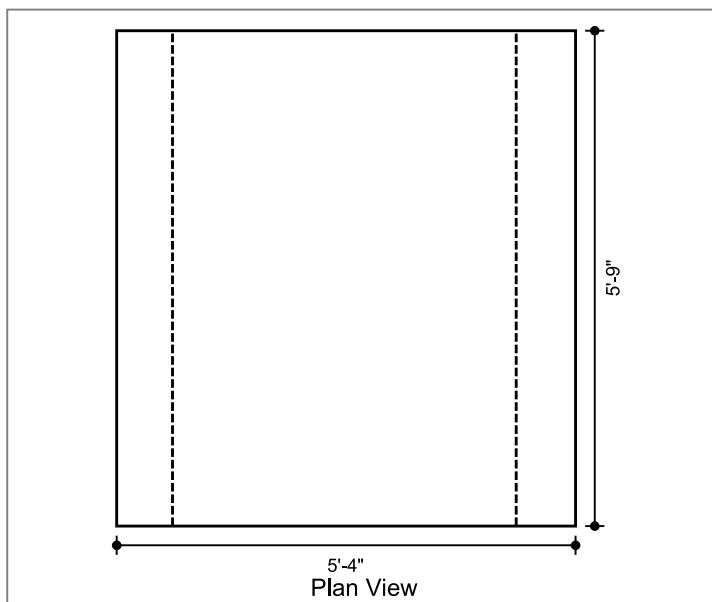
Project : Alcoa Outfall
 Task :
 Job No. : 25-2073

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

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

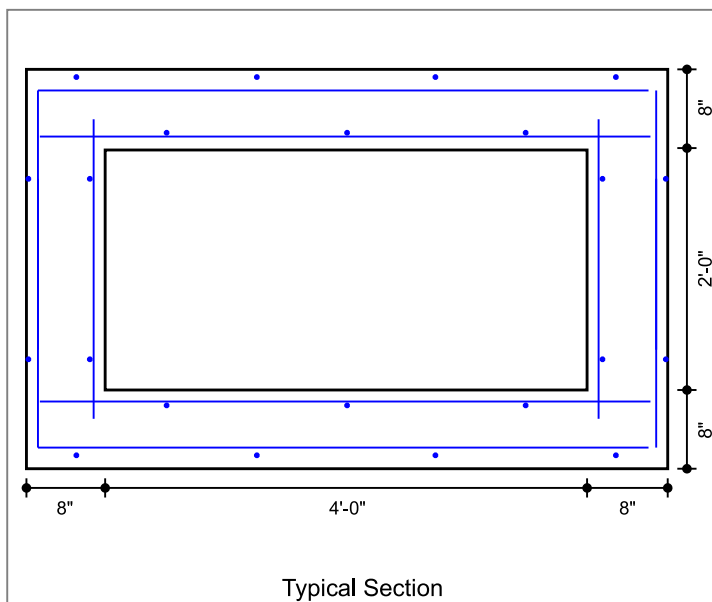
Physical Dimensions

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

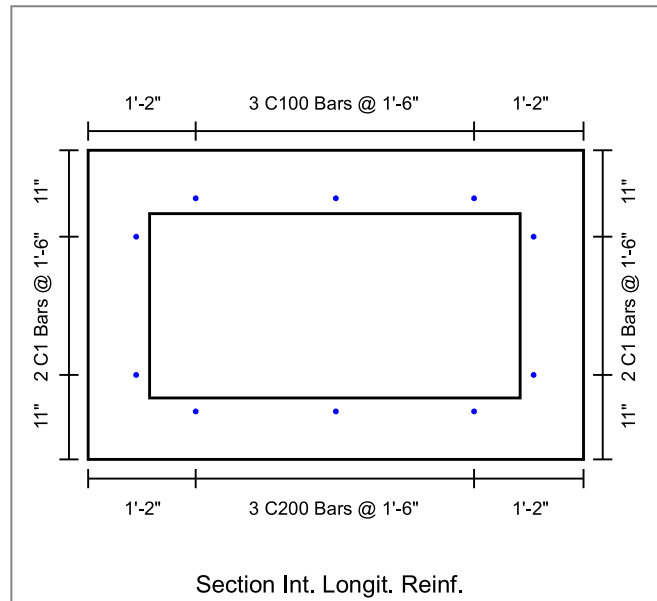
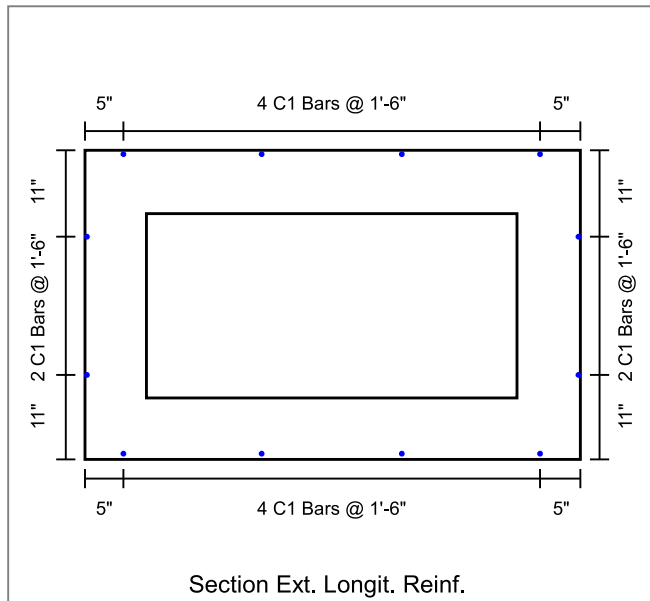
File: 4x2 BC Four Sided (no haunch) - 25-2073 Alcoa Outfall

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

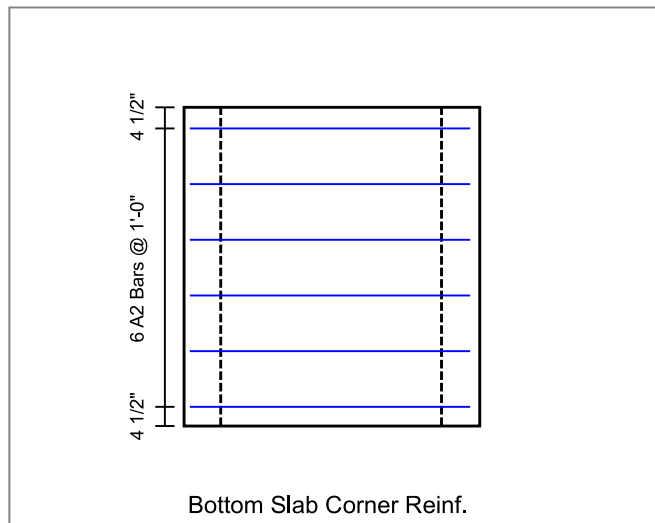
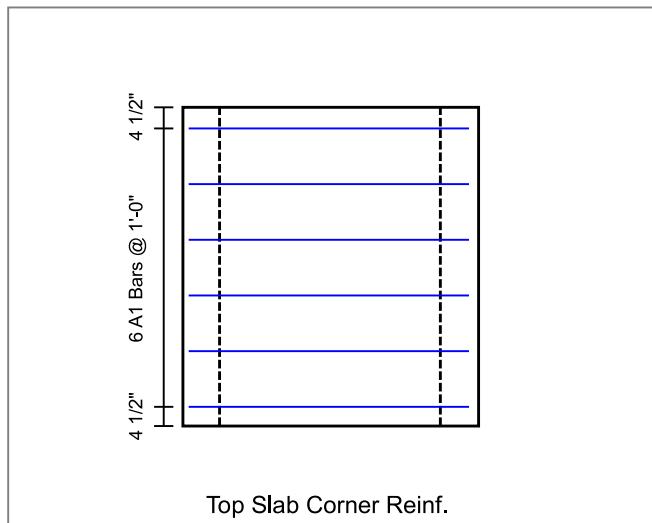
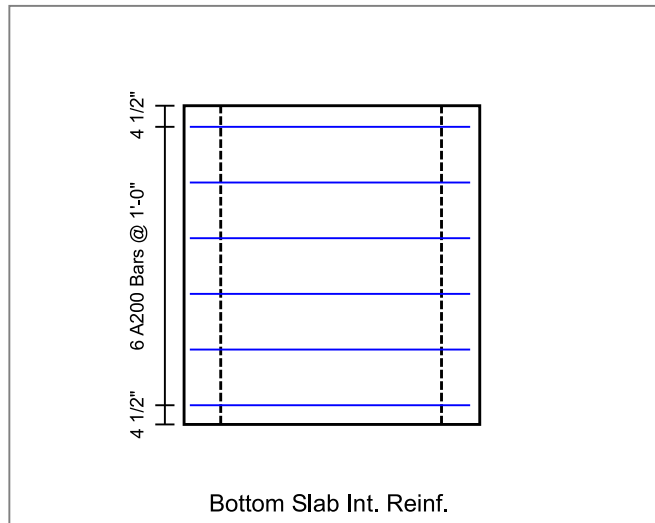
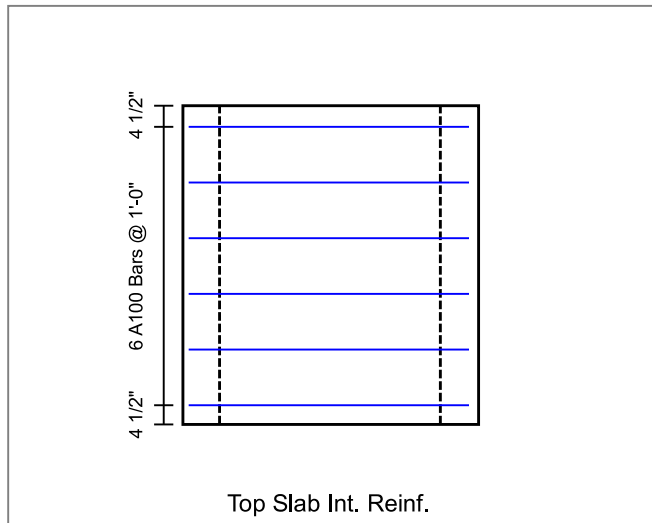
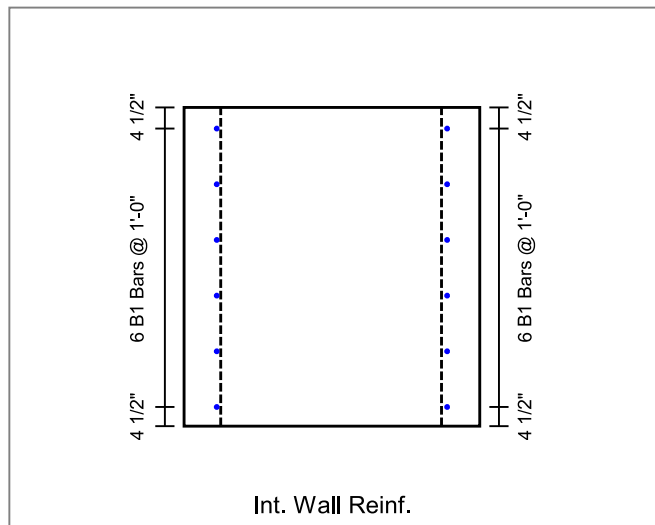
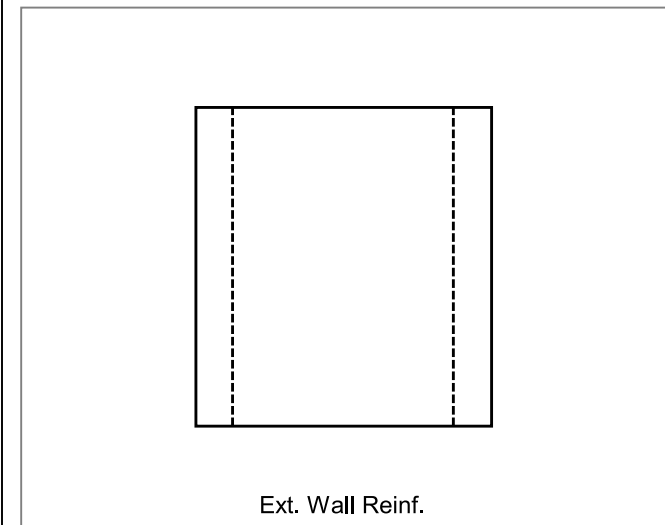
Project : Alcoa Outfall

Client: Bowen Engineering Co

Task :

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

Page 3 of 3



Job Name: 23-2792 - Teal Dr. Development
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100
 3/25/2026 1:41:40 PM

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



Structure ID: STM-D5

P1 BX28640606-VH

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

- P2) 28" x 64" - CASTING HEIGHT - 4"
- P1) 28" x 64" - BOX BASE 6inW, 6inF, Variable Ht F/n - 33"
- 2) CASTING - JBS 4315 F/G
- 1) 28" x 64" - Conseal CS-102 1.00"
- 1) Hole - 32
- 1) Hole - 26

0 lb
 4415 lb
 1000 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5415 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 4315 F/G).

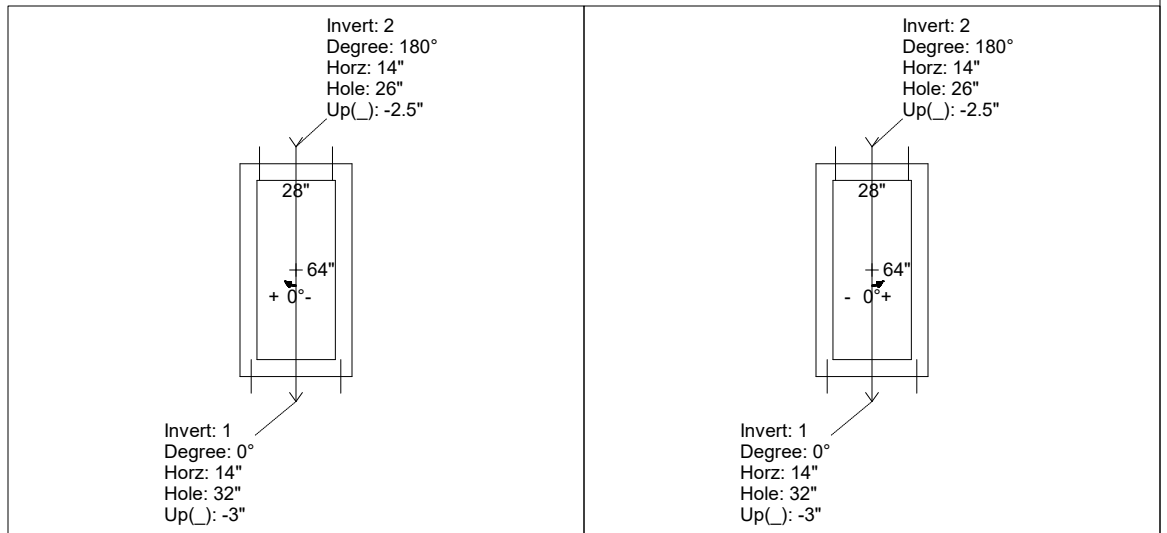
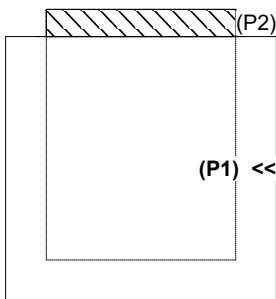
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 470.22' Rim to Invert: 3.09' Slack: 0.08" Sump: 0" Step Position:

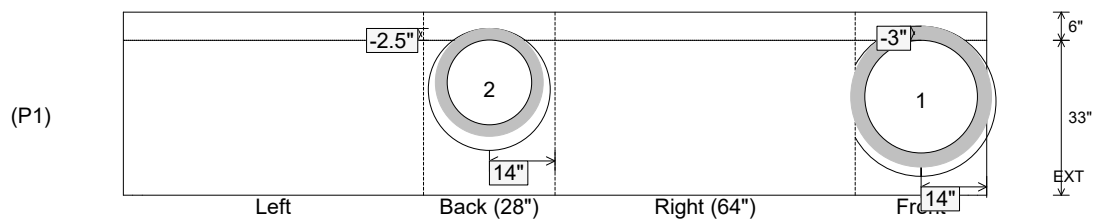
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	467.13'	0°	20"	24" RCP B WALL	30"	Hole 32	32"	30"	-3"	0"
Invert 2	467.13'	180°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	-2.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 33"
 Height (Ext): 39"

Weight (Net): 4415 lb
 Volume (Net): 1.13cu.yd

Job Name: 23-2792 - Teal Dr. Development
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100
 3/25/2026 1:41:35 PM

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



Structure ID: STM-C6

P1 BX28280606VH

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

- P2) 28" x 28" - CASTING HEIGHT - 6"
- P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 28"
- 1) CASTING - JBS 3101 Single Set (F/G/H)
- 1) 28" x 28" - Conseal CS-102 1.00"
- 1) Hole - 22"

0 lb
 2531 lb
 619 lb
 0 lb
 0 lb

 0 lb
 Structure Total: 3150 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3101 SINGLE SET (F/G/H)).

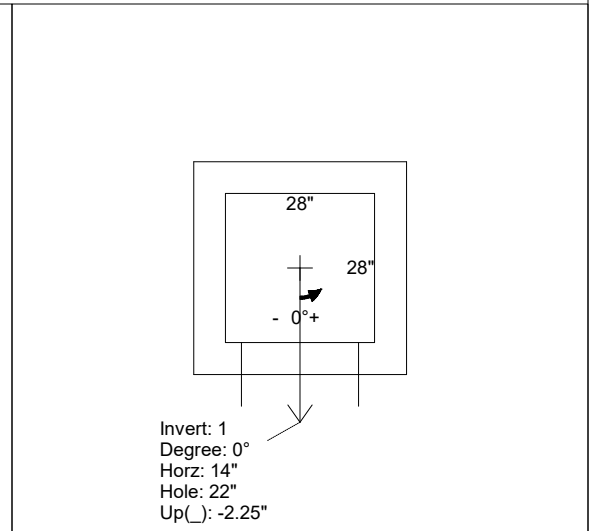
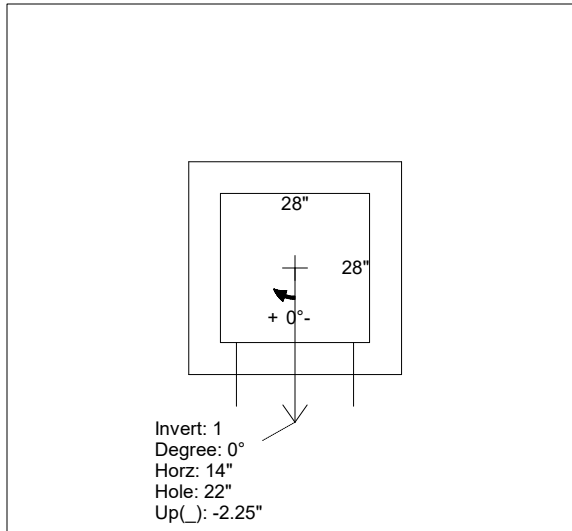
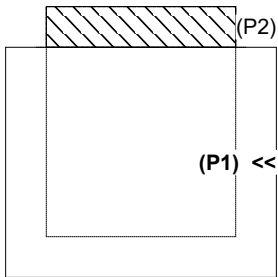
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 472.69' Rim to Invert: 2.9' Slack: 0.8" Sump: 0" Step Position:

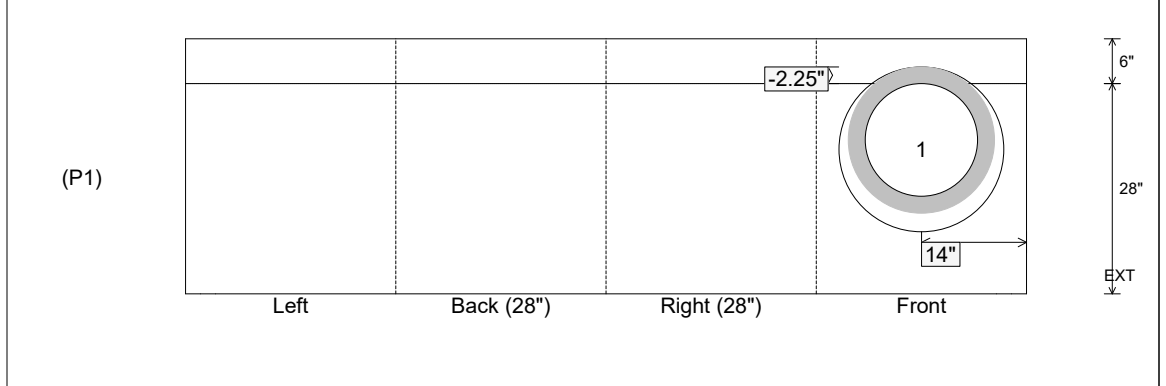
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	469.79'	0°	20"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-2.25"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 28" Height (Ext): 34"	Weight (Net): 2531 lb Volume (Net): 0.65cu.yd
----------------------------------	-------------------------------	--	--	--

Job Name: 23-2792 - Teal Dr. Development
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100
 3/25/2026 1:41:30 PM

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



Structure ID: STM-A5

P1 BX3030-06VH

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

- P2) 30" x 30" - CASTING HEIGHT - 6"
- P1) 30" x 30" - BOX BASE 6inW, 6inF, Variable Ht F/n - 28"
- 1) CASTING - JBS 3101 Single Set (F/G/H)
- 1) 30" x 30" - Conseal CS-102 1.00"
- 1) Hole - 26

0 lb
 2609 lb
 619 lb
 0 lb
 0 lb

 0 lb
 Structure Total: 3228 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3101 SINGLE SET (F/G/H)).

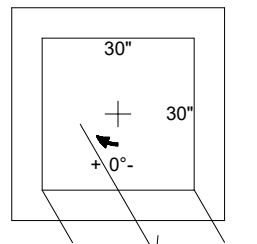
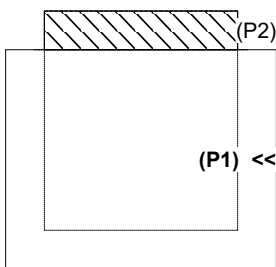
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 468.91' Rim to Invert: 2.9' Slack: 0.8" Sump: 0" Step Position:

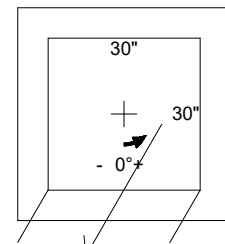
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	466.01'	330°	17.5"	18" RCP B WALL	23"	Hole 26	26"	29.995", 0.046"	-2.5"	7.486"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

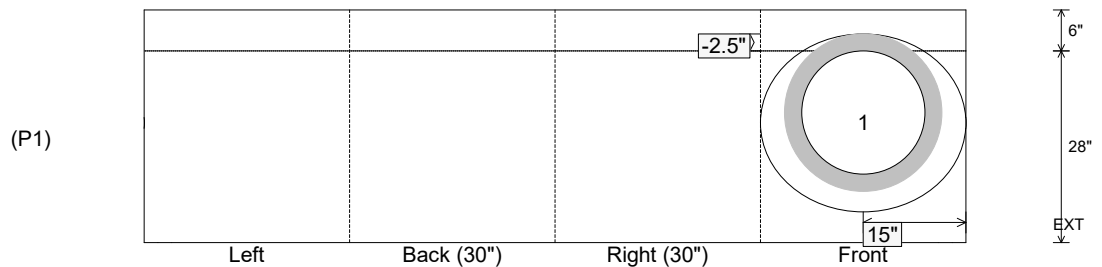


Invert: 1
 Degree: 330°
 Horz: 15"
 Hole: 26"
 Up(): -2.5"



Invert: 1
 Degree: 330°
 Horz: 15"
 Hole: 26"
 Up(): -2.5"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 28"
 Height (Ext): 34"

Weight (Net): 2609 lb
 Volume (Net): 0.67cu.yd

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/19/2025 3:14:42 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

Structure ID: Y

P1 BX28108-06W06F-BAVF

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

- P2) 28" x 108" - CASTING HEIGHT (CI TRPL) - 6"
- P1) 28" x 108" - BOX BASE 6inW, 6inF, Variable Ht F/n - 42"
- 1) Conseal CS-102 1.00" (Single)
- 3) CASTING - JBS 3080-V SET (F/G/H)
- 2) Hole - 24

	0 lb
	8220 lb
	0 lb
	1500 lb
	0 lb
Structure Total:	9720 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY I-CAST (3 ea. - JBS 3080-V SET (F/G/H)).

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

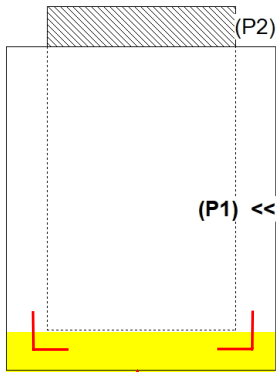
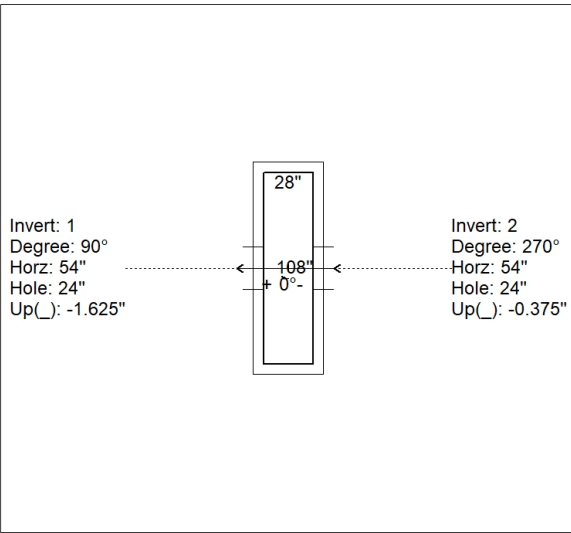
Rim: 506.94' Rim to Invert: 4.01' Slack: 0.12" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	502.93'	90°	60"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 2	503.03'	270°	60"	18" HDPE	21.2"	Hole 24	24"	24"	-0.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

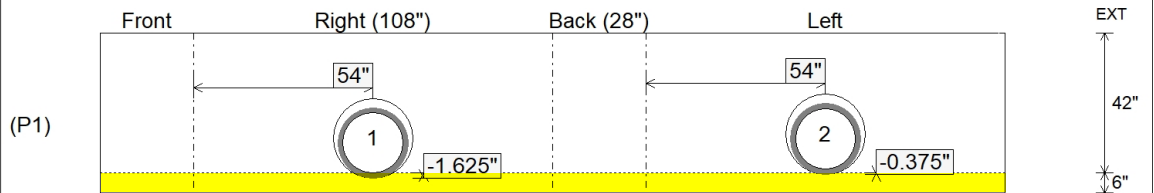
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

1ST POUR (FLOOR) = 2,417 LBS
 2ND POUR (WALLS) = 5,789 LBS



INSIDE WALL DIMENSIONS



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

Coating (Int):	Seam Up: Flat	Wall Thickness: 6"	Height (Int): 42"	Weight (Net): 8220 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 48"	Volume (Net): 2.1cu.yd

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/19/2025 3:14:42 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

Structure ID: Y

P1A BX28108-06W06F-BAVF

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

- P2) 28" x 108" - CASTING HEIGHT (CI TRPL) - 6"
- P1) 28" x 108" - BOX BASE 6inW, 6inF, Variable Ht F/n - 42"
- 1) Conseal CS-102 1.00" (Single)
- 3) CASTING - JBS 3080-V SET (F/G/H)
- 2) Hole - 24

0 lb
8220 lb
0 lb
1500 lb
0 lb

Structure Total: 9720 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY I-CAST (3 ea. - JBS 3080-V SET (F/G/H)).

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

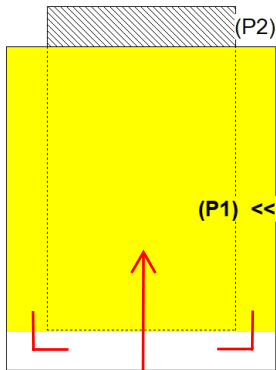
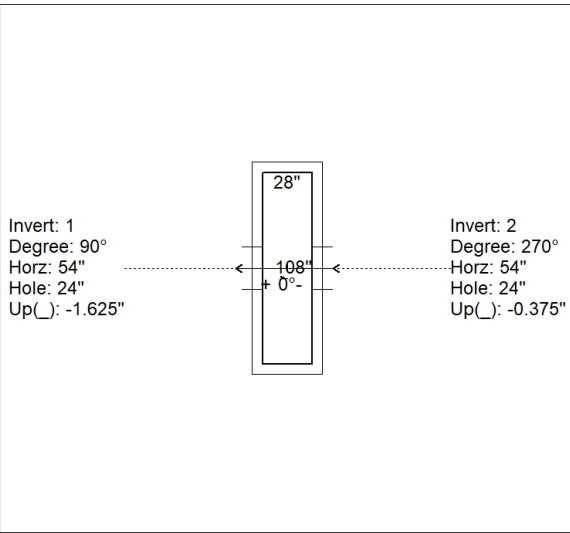
Rim: 506.94' Rim to Invert: 4.01' Slack: 0.12" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	502.93'	90°	60"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 2	503.03'	270°	60"	18" HDPE	21.2"	Hole 24	24"	24"	-0.375"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

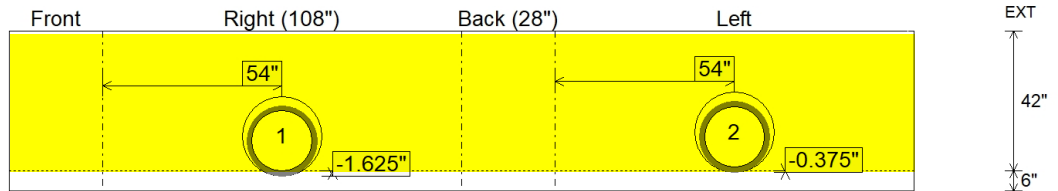
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

**1ST POUR (FLOOR) = 2,417 LBS
 2ND POUR (WALLS) = 5,789 LBS**



INSIDE WALL DIMENSIONS



2ND POUR (WALLS)

(P1)

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 42" Height (Ext): 48"	Weight (Net): 8220 lb Volume (Net): 2.1cu.yd
----------------------------------	-------------------------------	--	--	---

Job Name: 26-1430 Commercial Strip Center at Gateway Commons
 Job Location: Owensboro, KY
 Contractor: Winwater Hartford KY Co.

Plant: 100

4/27/2026 9:25:37 AM

Tech: Jared - A

PC: Andy Chambers



Structure ID: BE-8

P1 BX3030-06BA18

BOX BASE 6inW, 6inF F/n

- P2) 30" x 30" - CASTING HEIGHT - 4"
- P1) 30" x 30" - BOX BASE 6inW, 6inF F/n - 18"
- 1) CASTING - HOE 468 F/G
- 1) 30" x 30" - Conseal CS-102 1.00"
- 1) Hole - 15

0 lb
 2077 lb
 489 lb
 0 lb
 0 lb

 Structure Total: 2566 lb

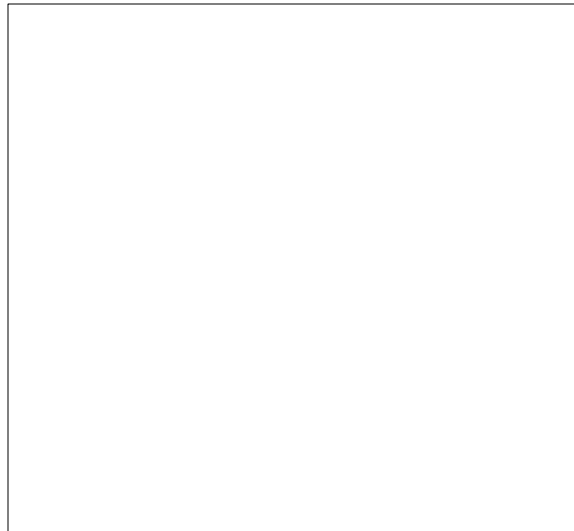
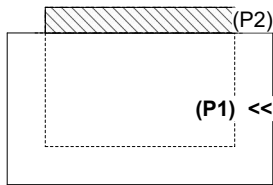
- Structure Notes:
1. PER ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 468 FRAME & GRATE SUPPLIED BY ICAST

Rim: 467.01' Rim to Invert: 1.88' Slack: 0.81" Sump: 0.25" Step Position:

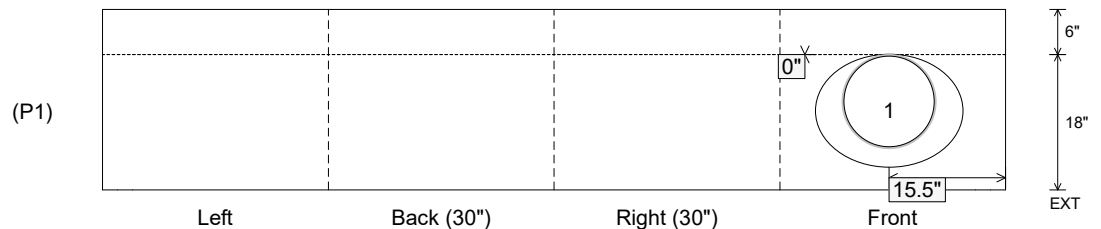
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	465.13'	320°	16.375"	12" PVC SDR35	12.5"	Hole 15	15"	19.581"	0"	10"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 18"
 Height (Ext): 24"

Weight (Net): 2077 lb
 Volume (Net): 0.53cu.yd

Job Name: 26-1141 - KYTC Warren Co (261106)
 Job Location: Bowling Green, KY
 Contractor: Mick-Murf Construction Inc.

Plant: 100
 3/17/2026 4:00:57 PM

Tech: Jared - F
 PC: C. Goff



Structure ID: B02 (11)

P1 BX2424-08BAVF

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

- P3) 8" x 120" - CB INLET KY B 10' TOP F/G - 9"
- P2) 24" x 120" - CB INLET KY B 10' BOTTOM LEFT T/G - 17"
- P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht T/n - 27"
- 1) 24" x 24" - Conseal CS-102 1.00"
- 2) Hole - 18

1660 lb
 2650 lb
 3052 lb
 0 lb
 0 lb

 Structure Total: 7363 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE B / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING SUPPLIED BY OTHERS (HOE KY-345 SET (CBI B)).

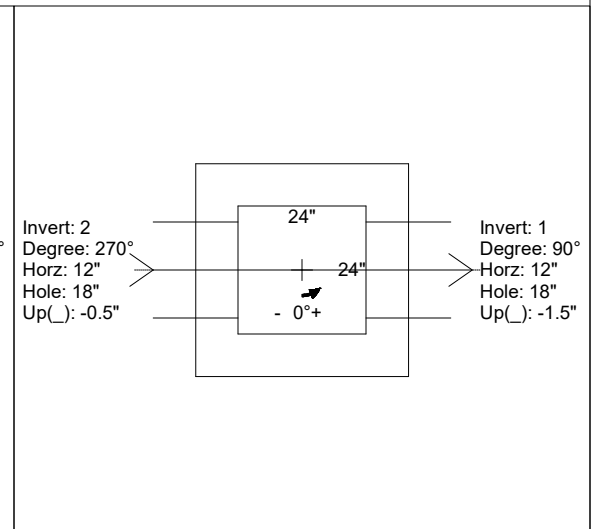
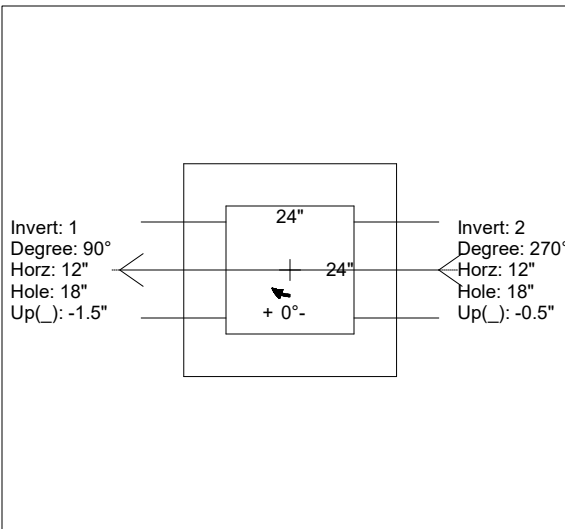
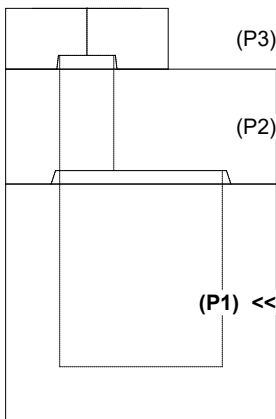
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 478.4' Rim to Invert: 4.71' Slack: 3.52" Sump: 0" Step Position:

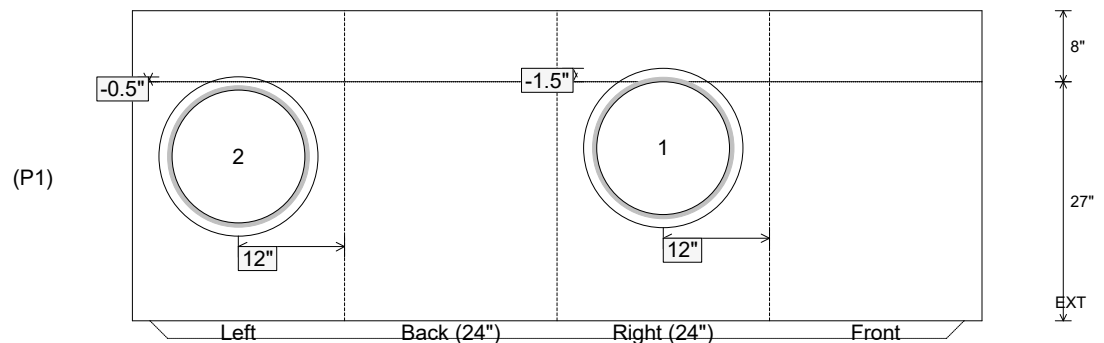
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	473.69'	90°	20"	15" CMP	16"	Hole 18	18"	18"	-1.5"	0"
Invert 2	473.77'	270°	20"	15" CMP	16"	Hole 18	18"	18"	-0.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 27"
 Height (Ext): 35"

Weight (Net): 3052 lb
 Volume (Net): 0.78cu.yd

Job Name: 25-4299 - Seneca High School	Plant: 100	Tech: J. Horsley	
Job Location: Louisville, KY	2/16/2026 8:19:50 AM	PC: J. Jarvis	
Contractor: Dan Cristiani Excavating Co. Inc.			

Structure ID: C7

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 - 31"
 1) 24" x 24" - Conseal CS-102 1.00"
 1) Hole - 16

0 lb
 3603 lb
 0 lb
 0 lb

 Structure Total: 3603 lb

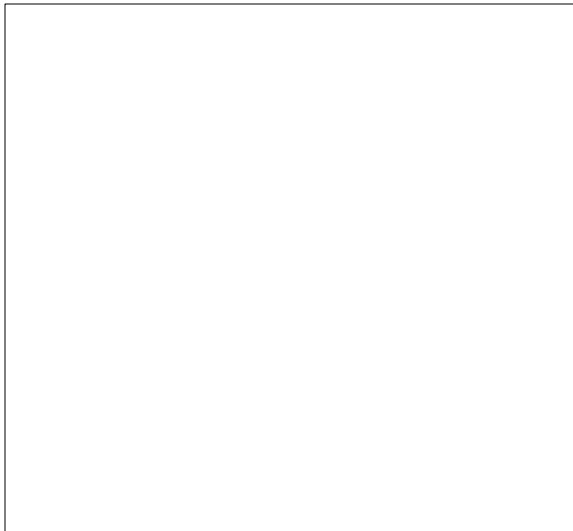
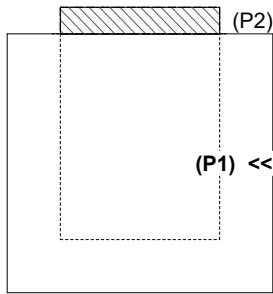
- Structure Notes:
1. PER LOUISVILLE MSD / ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 280T FRAME & GRATE SUPPLIED BY OTHERS

Rim: 485.1' Rim to Invert: 2.95' Slack: 0.4" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	482.15'	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										

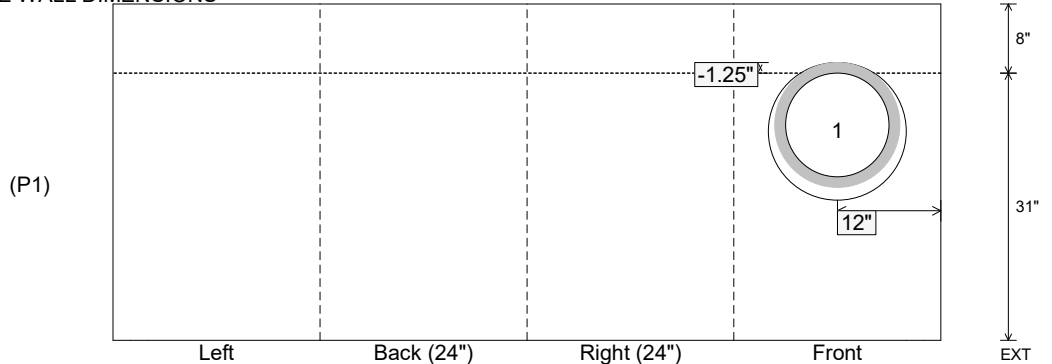
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



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): 31"
 Height (Ext): 39"

Weight (Net): 3603 lb
 Volume (Net): 0.92cu.yd

Job Name: 23-2792 - Teal Dr. Development
 Job Location: Gallatin, TN
 Contractor: Stewart Richey

Plant: 100

3/27/2026 10:39:09 AM

Tech: J. Horsley - F

PC: C. Goff



Structure ID: STM-C5

P3 GR30x30x6x3

GRADE RING

- P4) 30" x 30" - CASTING HEIGHT - 6"
- P3) 30" x 30" - GRADE RING - 3"
- P2) 48" - MH FLAT TOP w/30"x30" Hole - 12"
- P1) 48" - MH BASE - 30"
- 1) CASTING - JBS 3101 Single Set (F/G/H)
- 1) 48" - Conseal CS-102 1.00"
- 2) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 22
- 3) MH Step ML-10-TDS-NCR - 10"

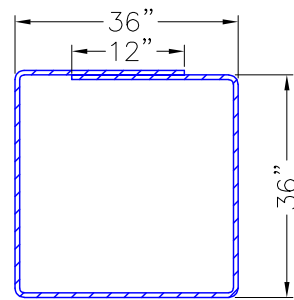
0 lb
 218 lb
 1350 lb
 3097 lb
 619 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5283 lb

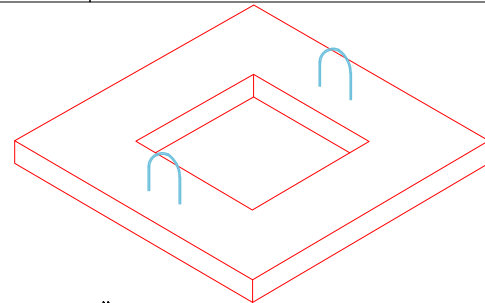
Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 3101 SINGLE SET (F/G/H))

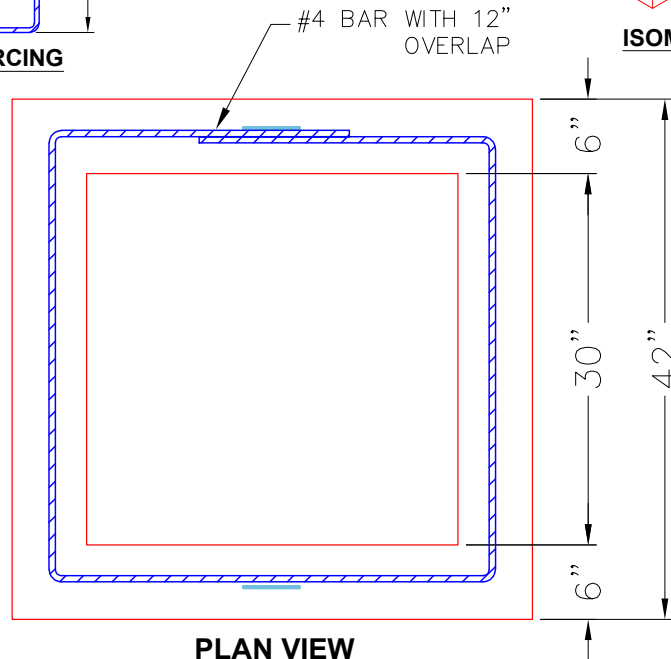
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.



#4 BAR REINFORCING

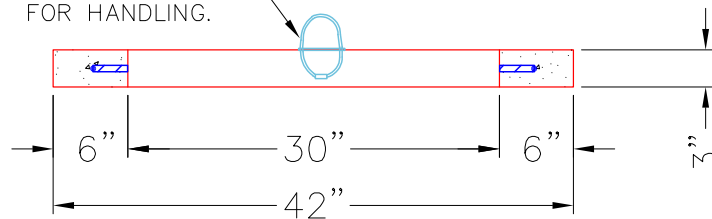


ISOMETRIC VIEW



PLAN VIEW

2 EA. CONAC .8 TON 8¹/₁₆" (6MM) WIRE ROPE ANCHORS FOR HANDLING.



SECTION A-A

NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #4 BAR AS SHOWN (GRADE 60 KSI).
4. LIFTS: 2 EA. CONAC .8 TON WIRE ROPE ANCHORS REQUIRED.

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 6"	Height (Ext): 3"
			Weight (Net): 217 lb Volume (Net): 0.06cu.yd

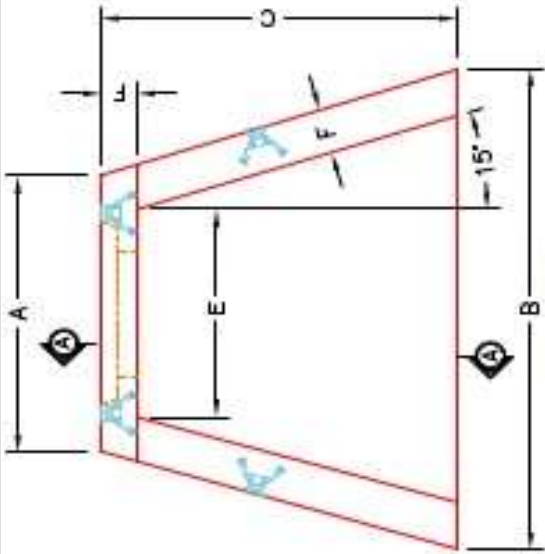


Structure ID: STM-E1

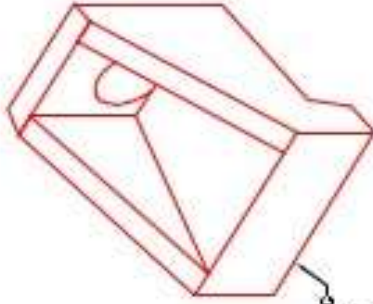
P1 HAWA15F

15" - HW AW w/FLAT BOTTOM

DIMENSIONS & QUANTITIES									
TYPE	PIPE Ø	A	B	C	D	E	F	G	WEIGHT
AW	15"	2'-8"	4'-0"	2'-6"	2'-2"	2'-0"	6"	0"	1,380 LBS.

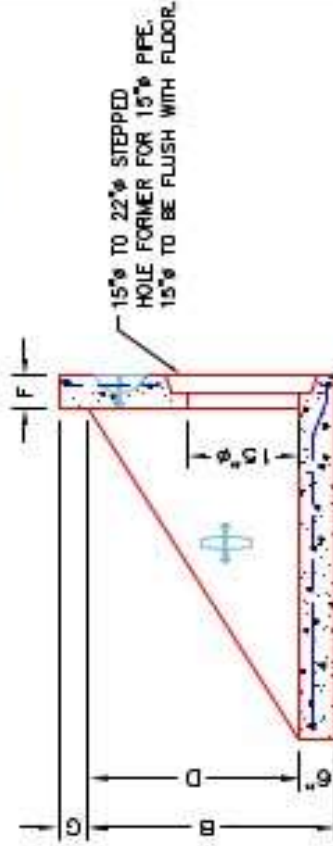


PLANVIEW

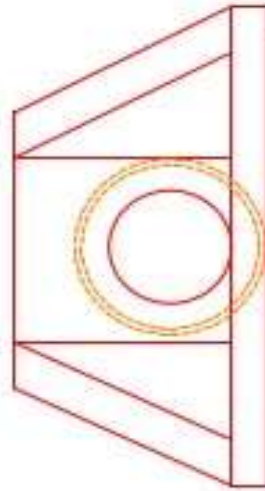


ISOMETRIC VIEW

WITH FOOTING
(SEE DETAIL)



SECTION A-A



FRONT ELEVATION

NOTES:

1. CONCRETE: 4500 PSI AT 28 DAYS MIN. STRENGTH.
2. REINFORCING: #4 BAR @ 12" C/C E.W. - GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.

PRODUCTION WORK ORDER

QUALITY CONTROL CHECKLIST

- ALL DIMENSIONS CORRECT.
- LIFTERS INSTALLED.
- STEPPED HF CORRECT SIZE.
- REINFORCING CORRECT.
- CLEARANCE ON REINFORCING CORRECT.
- EDGES CHAMFERED.
- ALL PATCHWORK ACCEPTABLE.



DESCRIPTION: AW WINGED HEADWALL FOR 15" PIPE
CUSTOMER: STOCK
PROJECT: STOCK
STRUCTURE ID: STOCK
SALES ORDER NO: T.B.D.
CHECK: A. WELLS
DRAWING: J. HORSLEY
DATE: 09/25/24
SCALE: NTS
PG. 1 of 1

PRODUCT I.D.: HWA15F
PRODUCT VIEW: RIGHT SIDE UP
PLANT: BEAVER DAM, KY.
WEIGHT: 1,630 LBS.
TOP SECTION JOINT: N/A
BASE SECTION JOINT: N/A
QC CHECK INITIALS:

Job Name: 26-1763 - MSU Commons Vault
 Job Location: Murray, KY
 Contractor: West Kentucky Industrial & Plumbing

Plant: 100
 5/22/2026 5:03:53 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: QL2 MV

P1 BX048108-08BAVF

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

- P3) 24" x 24" - HATCH (CAST FLUSH) - 3"
- P2) 48" x 108" - BX FLAT TOP 8"W w/24"x24" HATCH - 8"
- P1) 48" x 108" - BOX BASE 8inW, 8inF, Variable Ht - 72"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) HATCH (Alum.) - HALLIDAY W1S 24"x24"
- 1) SECONDARY POUR - WALLS
- 1) 24" x 24" - Conseal CS-102 1.00" (Double)
- 2) Hole - 8

100 lb
 4941 lb
 21887 lb
 0 lb
 0 lb
 46 lb
 0 lb
 0 lb
 0 lb

Structure Total: 26973 lb

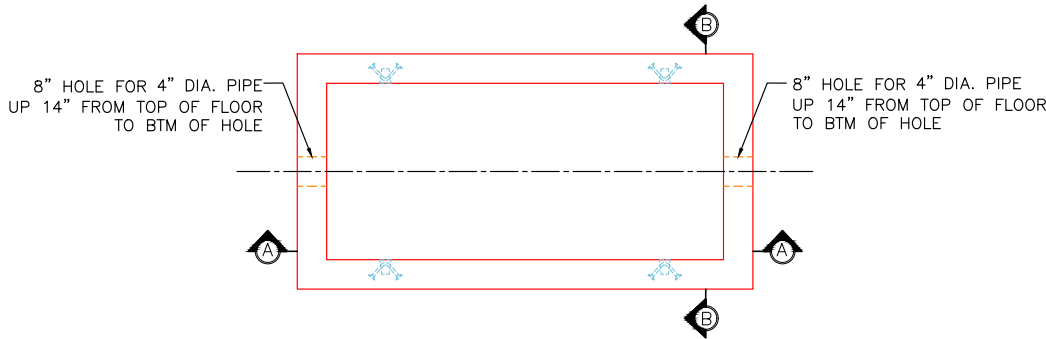
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. HATCH PROVIDED BY ICAST (HALLIDAY W1S 24"x24")
-
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB #5 BAR @ 6" C.C.E.W.
- WALLS #5 BAR @ 12" C.C.E.W.
- FLOOR #5 BAR @ 12" C.C.E.W.

Rim: 6.667' Rim to Invert: 5.507' Slack: 0" Sump: 13.92" Step Position:

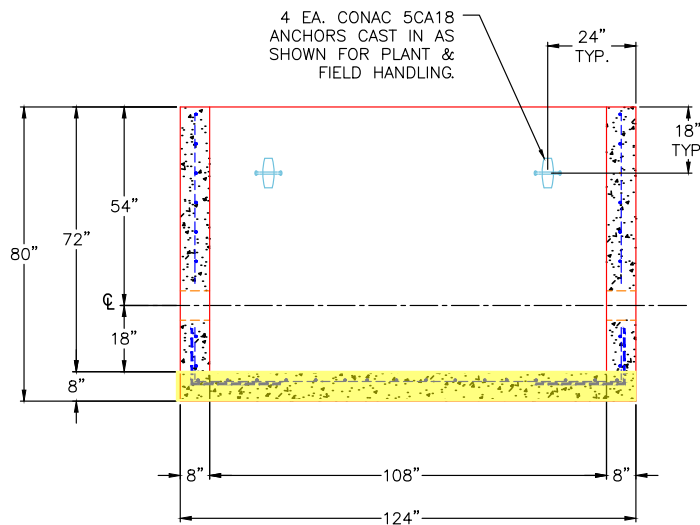
GENERAL NOTES:

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 - 5,327 LBS
 SECOND POUR - 16,560 LBS.
 TOTAL - 21,887 LBS.

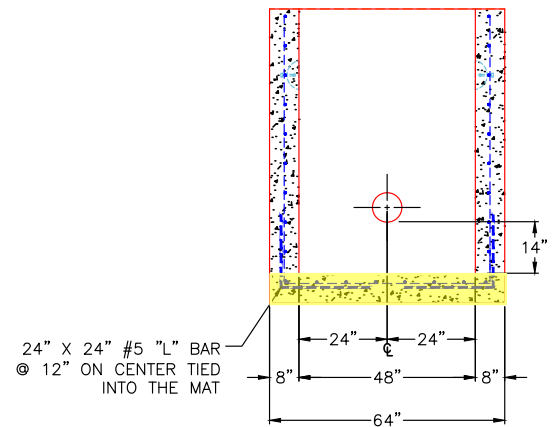


PLAN VIEW
 (RIGHT-SIDE-UP VIEW)

FIRST POUR DRAWING



SECTION A-A
 (RIGHT-SIDE-UP VIEW)



SECTION B-B
 (RIGHT-SIDE-UP VIEW)

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 72"
 Height (Ext): 80"

Weight (Net): 21887 lb
 Volume (Net): 5.59cu.yd

Job Name: 26-1763 - MSU Commons Vault
 Job Location: Murray, KY
 Contractor: West Kentucky Industrial & Plumbing

Plant: 100
 5/22/2026 5:03:53 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: QL2 MV

P1 BX048108-08BAVF

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

- P3) 24" x 24" - HATCH (CAST FLUSH) - 3"
- P2) 48" x 108" - BX FLAT TOP 8"W w/24"x24" HATCH - 8"
- P1) 48" x 108" - BOX BASE 8inW, 8inF, Variable Ht - 72"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) HATCH (Alum.) - HALLIDAY W1S 24"x24"
- 1) SECONDARY POUR - WALLS
- 1) 24" x 24" - Conseal CS-102 1.00" (Double)
- 2) Hole - 8

100 lb
 4941 lb
 21887 lb
 0 lb
 0 lb
 46 lb
 0 lb
 0 lb
 0 lb

Structure Total: 26973 lb

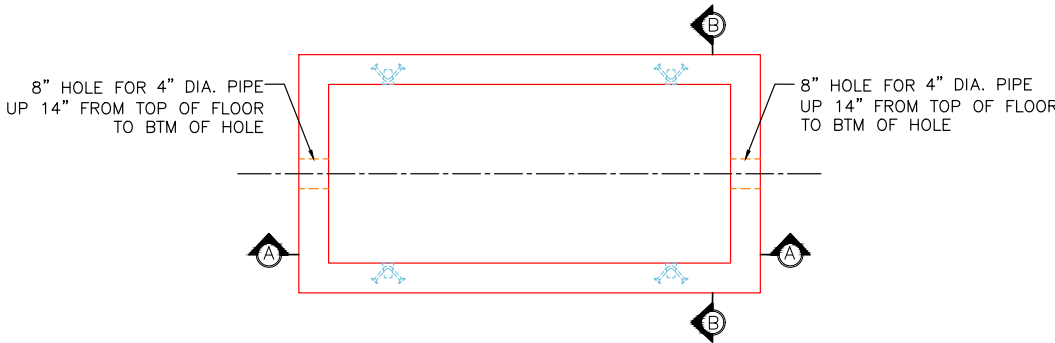
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. HATCH PROVIDED BY ICAST (HALLIDAY W1S 24"x24")
-
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB #5 BAR @ 6" C.C E.W.
- WALLS #5 BAR @ 12" C.C E.W.
- FLOOR #5 BAR @ 12" C.C E.W.

Rim: 6.667' Rim to Invert: 5.507' Slack: 0" Sump: 13.92" Step Position:

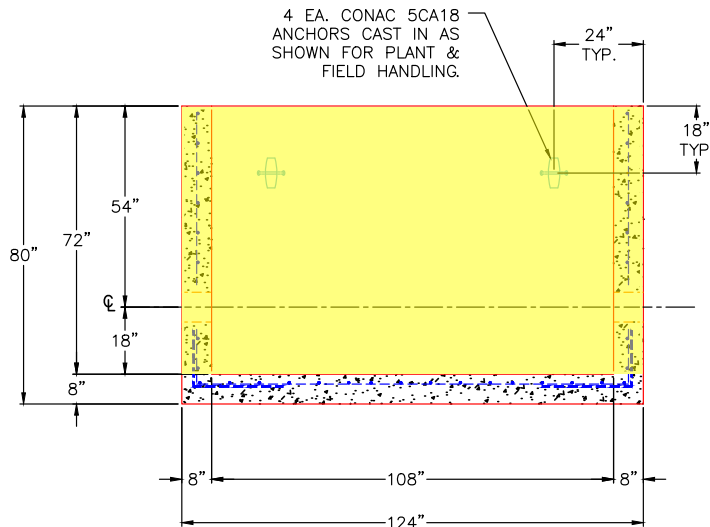
GENERAL NOTES:

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 - 5,327 LBS.
 SECOND POUR - 16,560 LBS.
 TOTAL - 21,887 LBS.

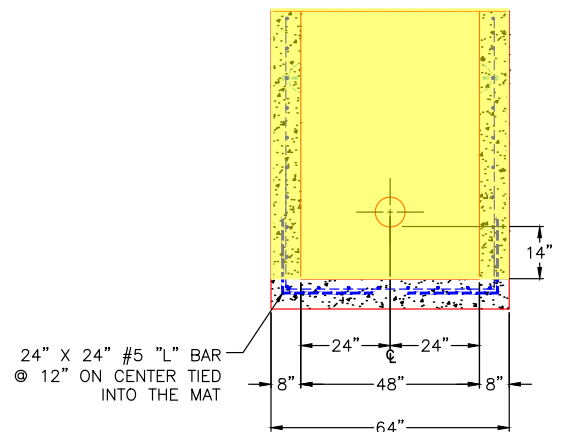


PLAN VIEW
 (RIGHT-SIDE-UP VIEW)

SECOND POUR DRAWING



SECTION A-A
 (RIGHT-SIDE-UP VIEW)



SECTION B-B
 (RIGHT-SIDE-UP VIEW)

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 72"
 Height (Ext): 80"

Weight (Net): 21887 lb
 Volume (Net): 5.59cu.yd

Job Name: 25-2397B - Sandy Springs Section 2 Sanitary
 Job Location: Elizabethtown, KY 42701
 Contractor: Gary Clifford

Plant: 100

5/27/2026 12:38:46 PM

Tech: J. Horsley

PC: T. Lewis



Structure ID: MH 1

P2 CFB

18" x 12" x 84" Footer Block F/n

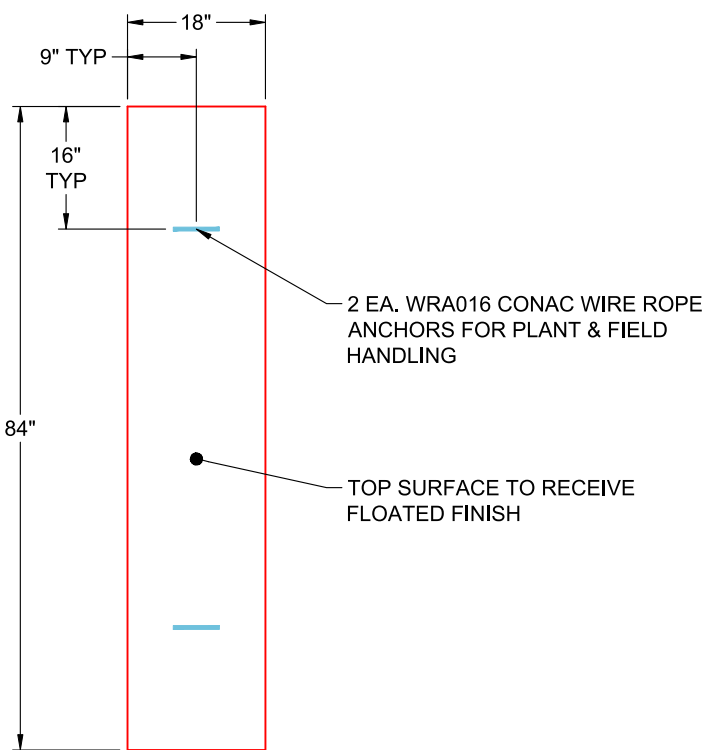
P6) 24" - CASTING HEIGHT - 7"	0 lb
P5) 48" - ECC CONE w/ 24" HOLE F/G - 30"	2050 lb
P4) 72" - MH Transition Slab 48" Hole T/G - 15"	3864 lb
P3) 72" - MH RISER Custom Ht T/F - 64"	8207 lb
P2) 72" - 18" x 12" x 84" Footer Block F/n - 12" (2 Ea.)	3046 lb (1523 lb Ea.)
P1) 72" - P.I.P. By Others - Pipe Backfill F/n - 31"	0 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-315 F/C Sanitary	258 lb
1) 72" - Conseal CS-102 1.00" (Double)	0 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) 24" - Conseal CS-102 1.00" (Double)	0 lb
2) DOGHOUSE - 62 x 19	0 lb
1) PSX - 12-08 DD (DBL Bands)	8 lb
9) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	17425 lb

Structure Notes:

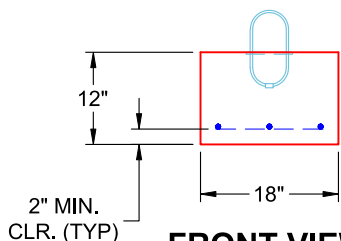
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. LIFTERS: 2 EA. WRA016 CONAC WIRE ROPE ANCHORS FOR PLANT & FIELD HANDLING
5. TOP SURFACE TO RECEIVE FLOATED FINISH

Rim: 689.3' Rim to Invert: 12.69' Slack: 0.28" Sump: 7" Step Position: 270°

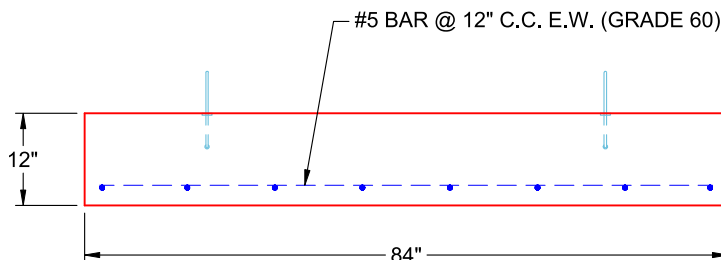
2 FOOTER BLOCKS REQUIRED FOR MH 1



**PLAN VIEW
(RIGHT SIDE UP)**



**FRONT VIEW
(RIGHT SIDE UP)**



**SIDE VIEW
(RIGHT SIDE UP)**

Job Name: 25-2511B - Blue Sky Sec 1 (Storm)	Plant: 100	Tech: J. Horsley - F
Job Location: Clarksville, TN	11/17/2025 5:01:58 PM	PC: A. Chambers
Contractor: Byard Construction, LLC		

Structure ID: V

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).

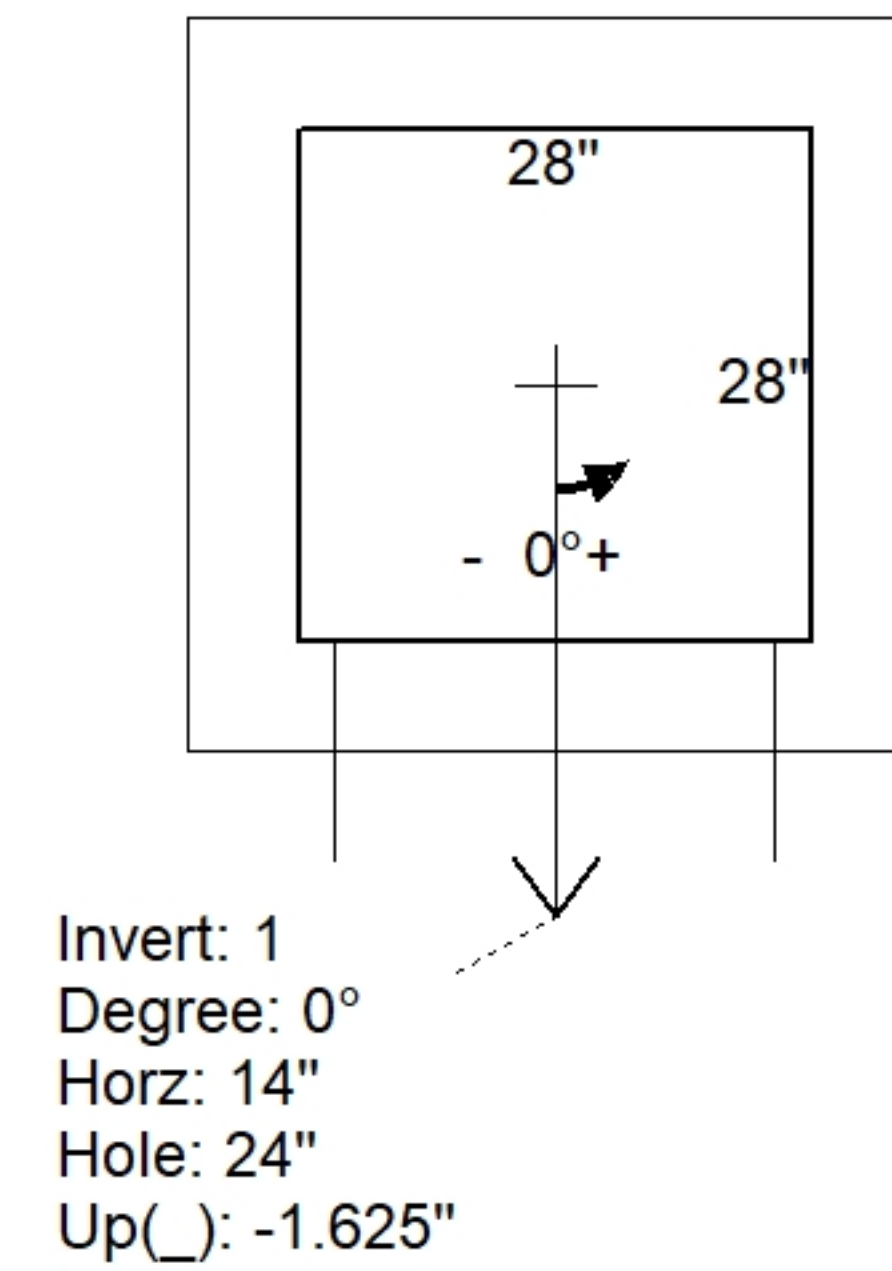
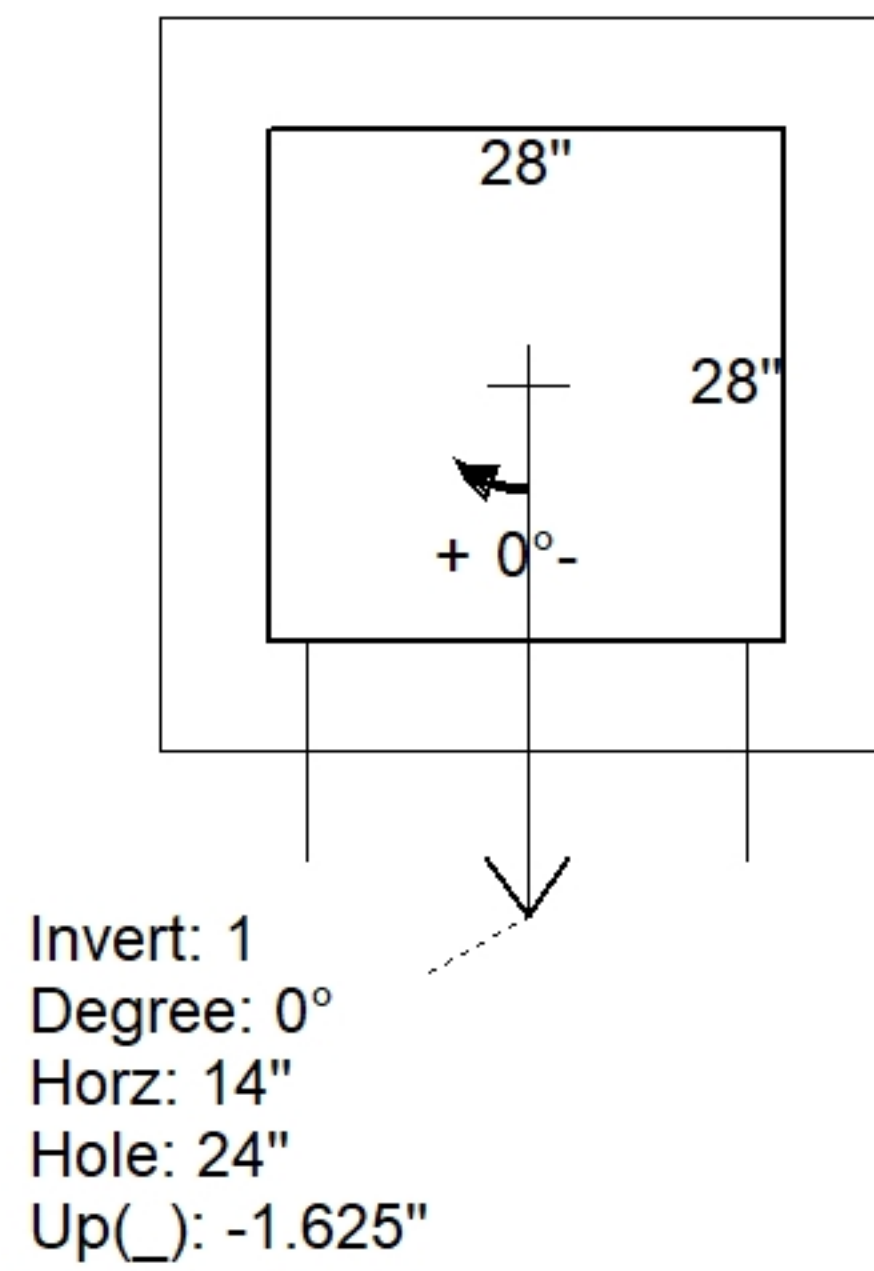
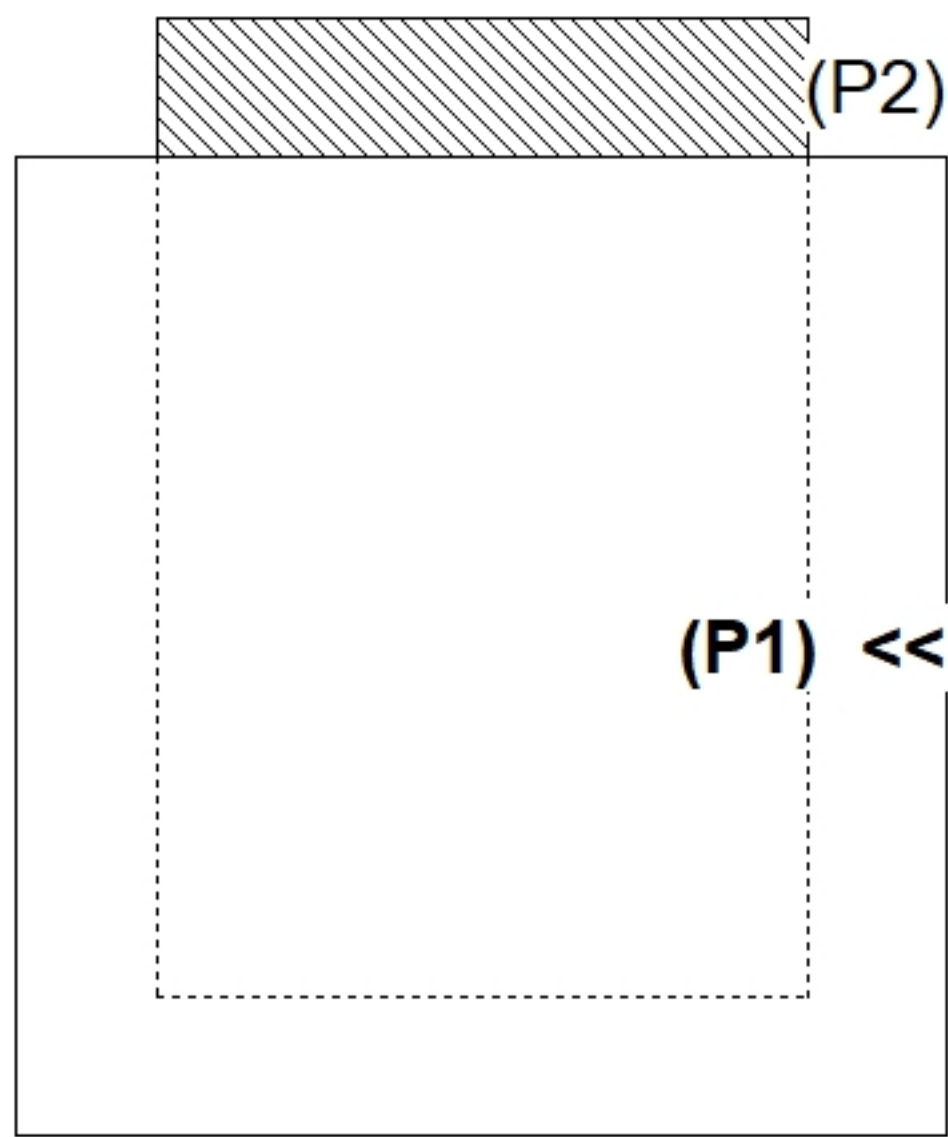
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 510.85' Rim to Invert: 3.5' Slack: 0" Sump: 0" Step Position:

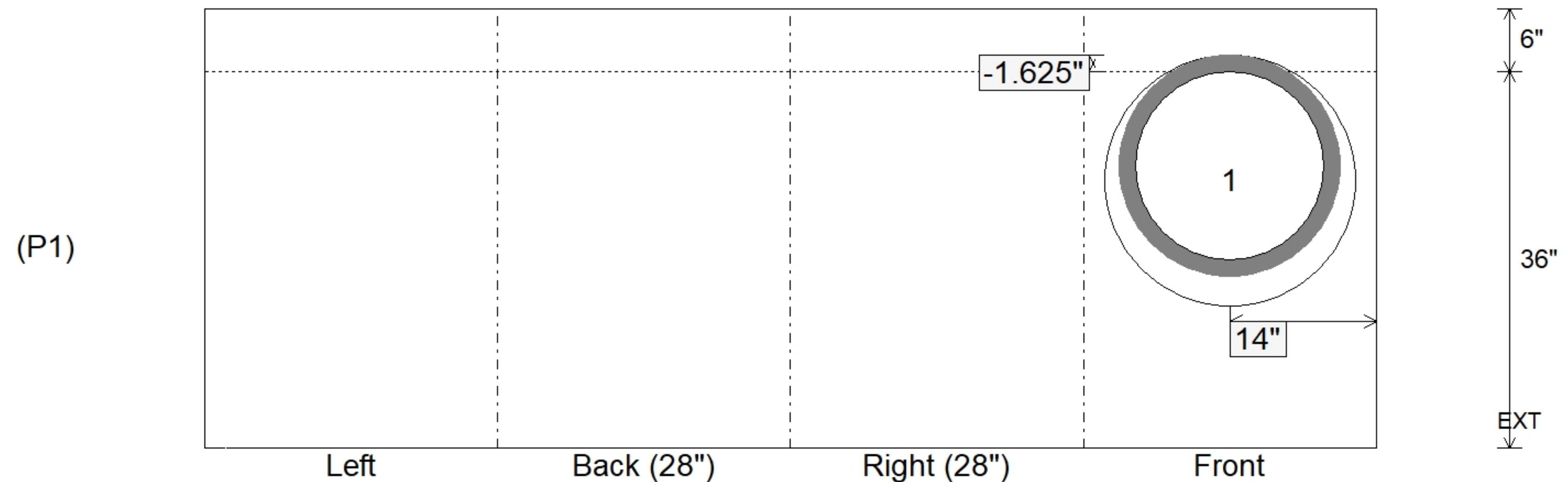
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	507.35'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-1.625"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

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

Plant: 100

5/7/2026 6:25:32 PM

Tech: Jared - F

PC: E. Bradley



Structure ID: 6

P1 BX3072-06BAVF

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

- P1) 30" x 72" - BOX BASE 6inW, 6inF, Variable Ht - 24"
- 1) SECONDARY POUR - WALLS
- 1) SECONDARY POUR - INTERNAL WALL
- 2) Hole - 12

4417 lb
 0 lb
 0 lb
 0 lb

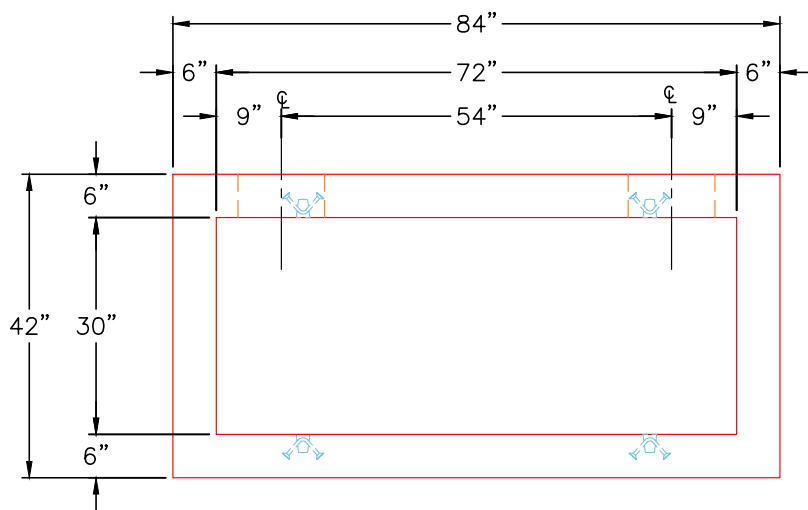
 Structure Total: 4417 lb

Structure Notes:

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

REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #4 BARS AT 12" C.C.E.W. (DOUBLE MAT)
 - FLOOR (As .12) #4 BARS AT 12" C.C.E.W. (DOUBLE MAT)

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

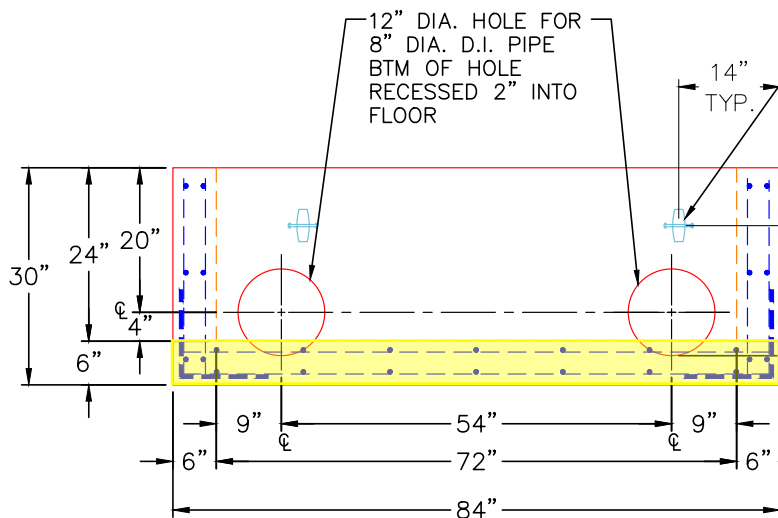


PLAN VIEW

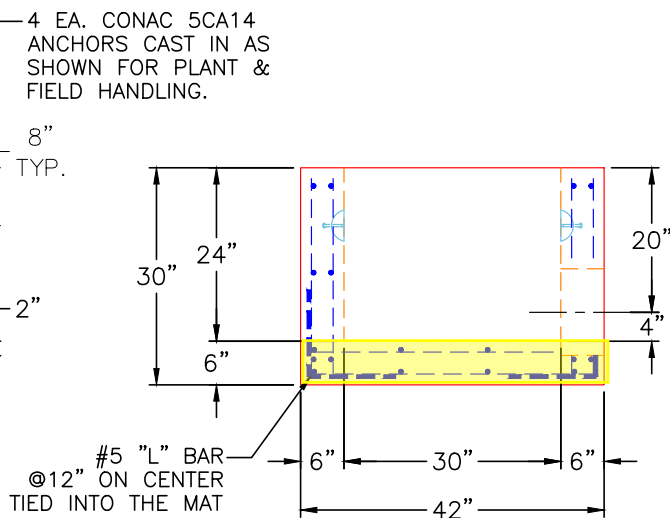
GENERAL NOTES:

- 1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
- 2. CONCRETE: 4,000 PSI AT 28 DAYS.
- 3. REINFORCING: #4 BAR @ 12" E.W. O.C. DOUBLE MAT (GRADE 60).
- 4. WEIGHT:
 FIRST POUR - 1,763 LBS.
 SECOND POUR - 2,653 LBS.
 THIRD POUR - 821 LBS.
 TOTAL - 5,237 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): 26"
 Height (Ext): 32"

Weight (Net): 4647 lb
 Volume (Net): 1.19cu.yd

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

Plant: 100

Tech: Jared - F

5/7/2026 6:25:32 PM

PC: E. Bradley



Structure ID: 6

P1 BX3072-06BAVF

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

- P1) 30" x 72" - BOX BASE 6inW, 6inF, Variable Ht - 24"
- 1) SECONDARY POUR - WALLS
- 1) SECONDARY POUR - INTERNAL WALL
- 2) Hole - 12

4417 lb
 0 lb
 0 lb
 0 lb

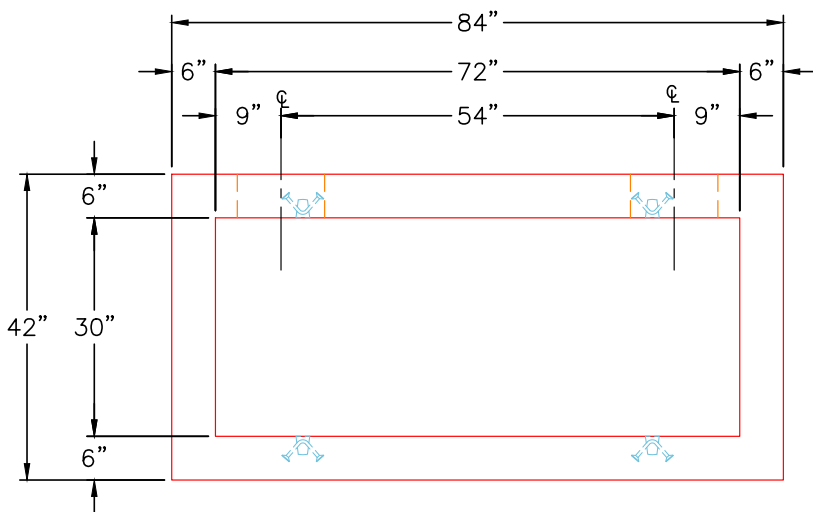
 Structure Total: 4417 lb

Structure Notes:

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

REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #4 BARS AT 12" C.C.E.W. (DOUBLE MAT)
 - FLOOR (As .12) #4 BARS AT 12" C.C.E.W. (DOUBLE MAT)

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

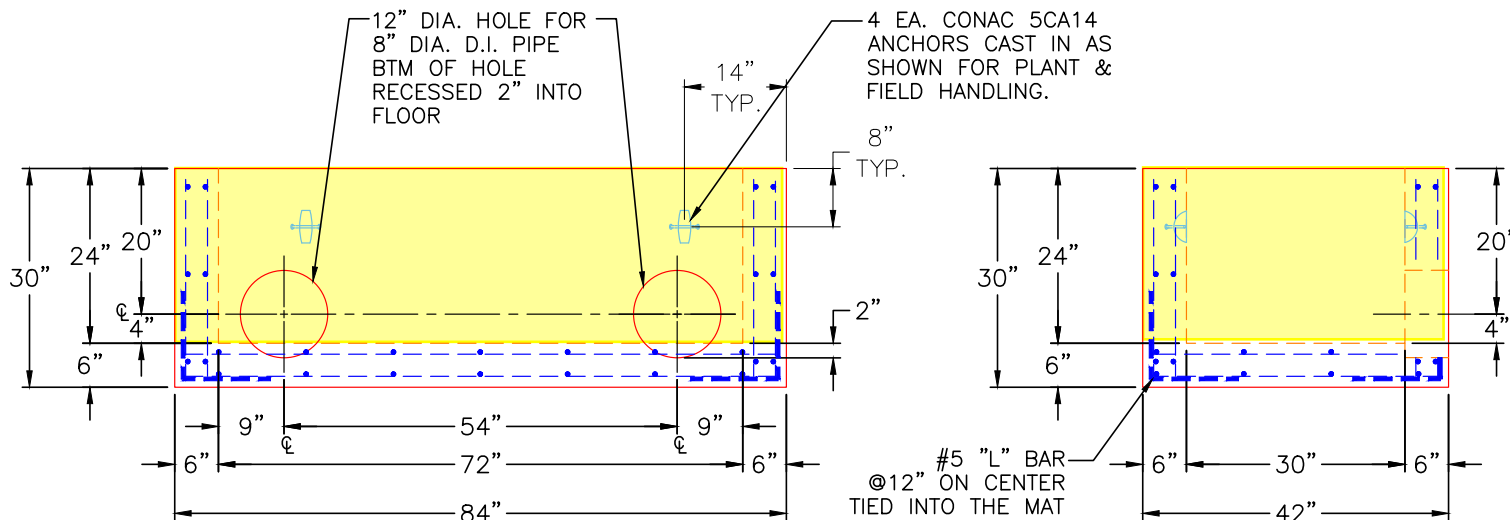


PLAN VIEW

GENERAL NOTES:

- 1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
- 2. CONCRETE: 4,000 PSI AT 28 DAYS.
- 3. REINFORCING: #4 BAR @ 12" E.W. O.C. DOUBLE MAT (GRADE 60).
- 4. WEIGHT:
 FIRST POUR - 1,763 LBS.
 SECOND POUR - 2,653 LBS.
 THIRD POUR - 821 LBS.
 TOTAL - 5,237 LBS.

SECOND POUR DRAWING



FRONT VIEW

RIGHT VIEW

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 26"
 Height (Ext): 32"

Weight (Net): 4647 lb
 Volume (Net): 1.19cu.yd

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

Plant: 100

5/7/2026 6:25:32 PM

Tech: Jared - F

PC: E. Bradley



Structure ID: 6

P1 BX3072-06BAVF

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

- P1) 30" x 72" - BOX BASE 6inW, 6inF, Variable Ht - 24"
- 1) SECONDARY POUR - WALLS
- 1) SECONDARY POUR - INTERNAL WALL
- 2) Hole - 12

4417 lb
 0 lb
 0 lb
 0 lb

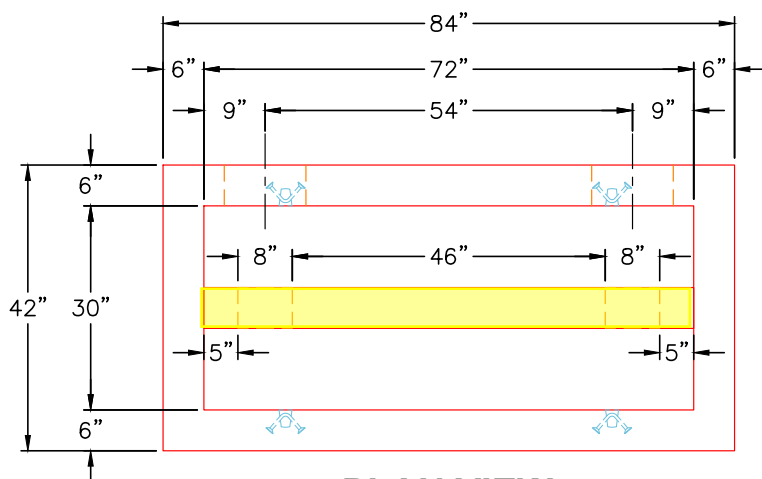
 Structure Total: 4417 lb

Structure Notes:

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

REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #4 BARS AT 12" C.C.E.W. (DOUBLE MAT)
 - FLOOR (As .12) #4 BARS AT 12" C.C.E.W. (DOUBLE MAT)

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

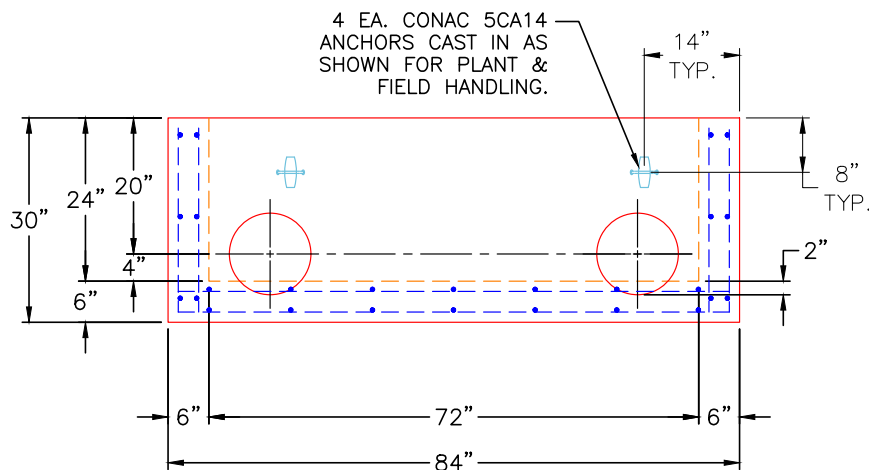


PLAN VIEW

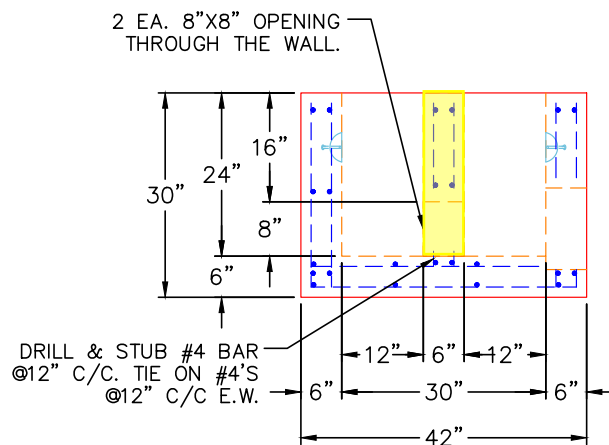
GENERAL NOTES:

- 1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
- 2. CONCRETE: 4,000 PSI AT 28 DAYS.
- 3. REINFORCING: #4 BAR @ 12" E.W. O.C. DOUBLE MAT (GRADE 60).
- 4. WEIGHT:
 FIRST POUR - 1,763 LBS.
 SECOND POUR - 2,653 LBS.
 THIRD POUR - 821 LBS.
 TOTAL - 5,237 LBS.

THIRD 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): 26"
 Height (Ext): 32"

Weight (Net): 4647 lb
 Volume (Net): 1.19cu.yd

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

Plant: 100

5/7/2026 6:25:30 PM

Tech: Jared - F

PC: E. Bradley



Structure ID: 3

P1 BX118118-08BAVF

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

P1) 118" x 118" - BOX BASE 8inW, 8inF, Variable Ht - 72"

- 1) Conseal CS-102 1.00" (Double)
- 1) SECONDARY POUR - WALLS
- 1) Hole - 12
- 1) Hole - 16

36203 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 36203 lb

Structure Notes:

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

REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 8" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 8" C.C.E.W.

NOTE:

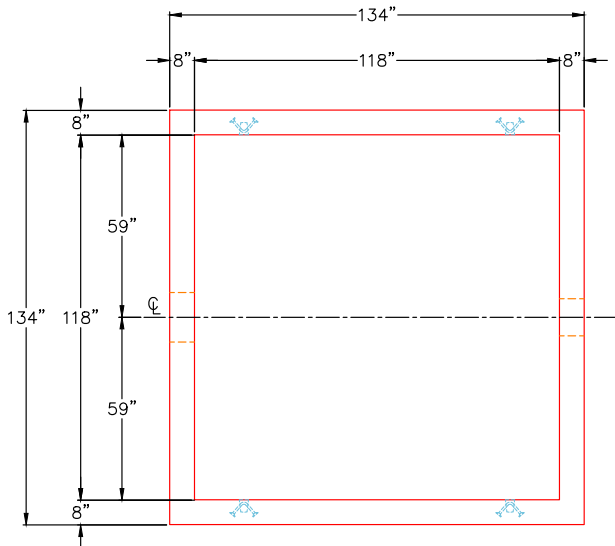
- a) Fiberglass baffles & 15" Dia. PVC stilling well are to be installed by others.
- b) Stainless steel plate with V-Notch to be provided by others.

Rim: 977.82' Rim to Invert: 4.06' Slack: 0" Sump: 23.28" Step Position:

GENERAL NOTES:

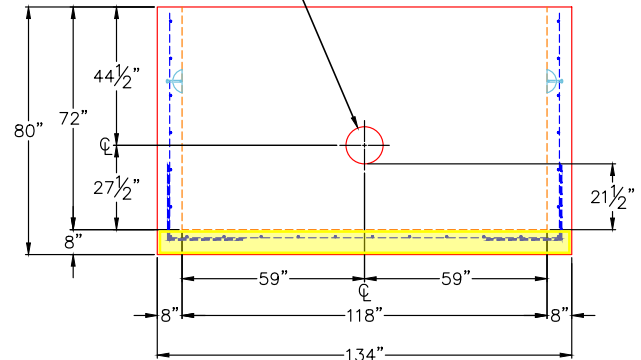
- 1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
- 2. CONCRETE: 4,000 PSI AT 28 DAYS.
- 3. REINFORCING: #5 BAR @ 8" E.W. O.C. (GRADE 60).
- 4. WEIGHT:
 FIRST POUR - 12,053 LBS.
 SECOND POUR - 24,150 LBS.
 TOTAL - 36,203 LBS.

FIRST POUR DRAWING



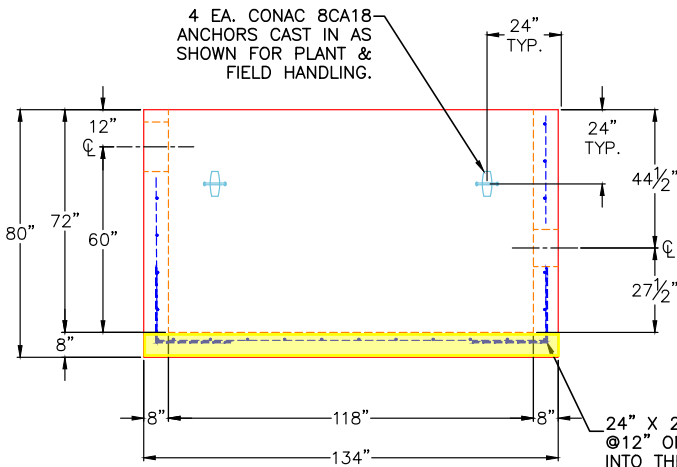
PLAN VIEW

12" HOLE FOR 8" DIA. DI PIPE
 UP 21.5" FROM TOP OF FLOOR TO BTM OF HOLE



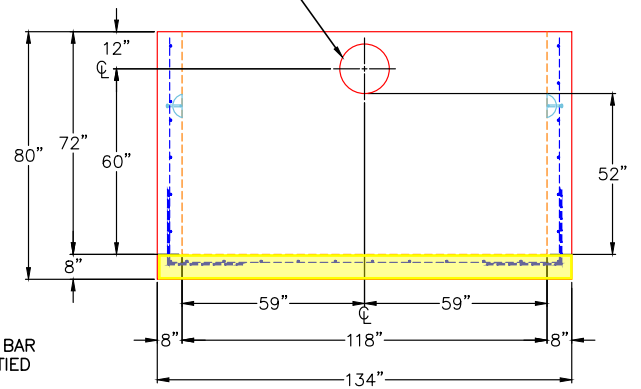
RIGHT VIEW

4 EA. CONAC 8CA18 ANCHORS CAST IN AS SHOWN FOR PLANT & FIELD HANDLING.



FRONT VIEW

16" HOLE FOR 12" DIA. DI PIPE
 UP 52" FROM TOP OF FLOOR TO BTM OF HOLE



LEFT VIEW

24" X 24" #5 "L" BAR @12" ON CENTER TIED INTO THE MAT

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 72"
 Height (Ext): 80"

Weight (Net): 36203 lb
 Volume (Net): 9.25cu.yd

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

Plant: 100

5/7/2026 6:25:30 PM

Tech: Jared - F

PC: E. Bradley



Structure ID: 3

P1 BX118118-08BAVF

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

P1) 118" x 118" - BOX BASE 8inW, 8inF, Variable Ht - 72"

- 1) Conseal CS-102 1.00" (Double)
- 1) SECONDARY POUR - WALLS
- 1) Hole - 12
- 1) Hole - 16

36203 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 36203 lb

Structure Notes:

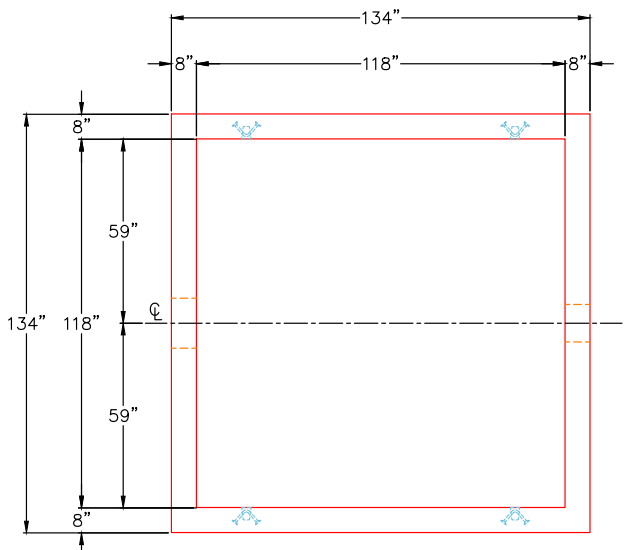
- 1. PER ASTM C913 SPECIFICATIONS.
- 2. CONCRETE = 4,000 PSI AT 28 DAYS.

REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 8" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 8" C.C.E.W.

NOTE:

- a) Fiberglass baffles & 15" Dia. PVC stilling well are to be installed by others.
- b) Stainless steel plate with V-Notch to be provided by others.

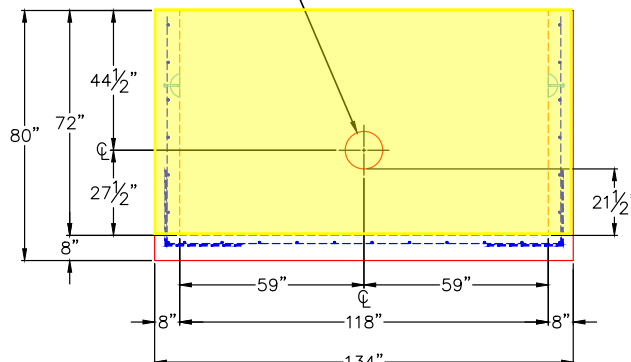
Rim: 977.82' Rim to Invert: 4.06' Slack: 0" Sump: 23.28" Step Position:



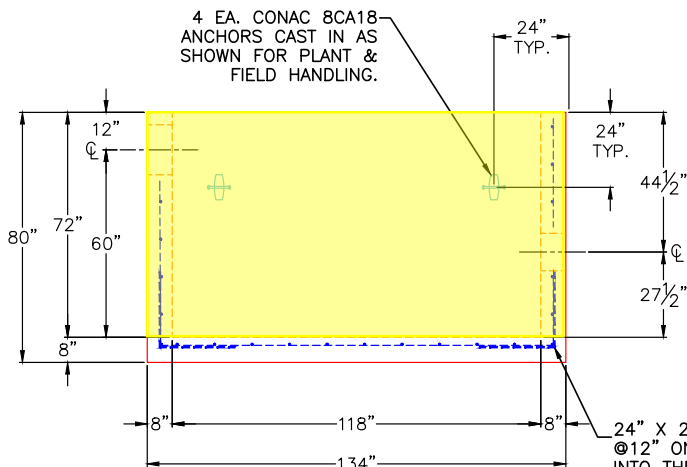
PLAN VIEW

SECOND POUR DRAWING

12" HOLE FOR 8" DIA. DI PIPE
 UP 21.5" FROM TOP OF
 FLOOR TO BTM OF HOLE

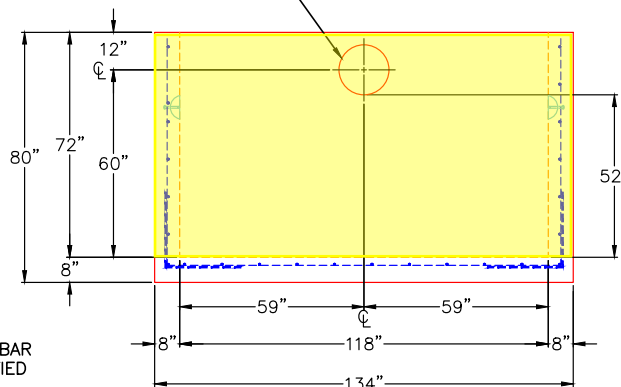


RIGHT VIEW



FRONT VIEW

16" HOLE FOR 12" DIA. DI PIPE
 UP 52" FROM TOP OF
 FLOOR TO BTM OF HOLE



LEFT VIEW

GENERAL NOTES:

- 1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
- 2. CONCRETE: 4,000 PSI AT 28 DAYS.
- 3. REINFORCING: #5 BAR @ 8" E.W. O.C. (GRADE 60).
- 4. WEIGHT:
 FIRST POUR - 12,053 LBS.
 SECOND POUR - 24,150 LBS.
 TOTAL - 36,203 LBS.

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

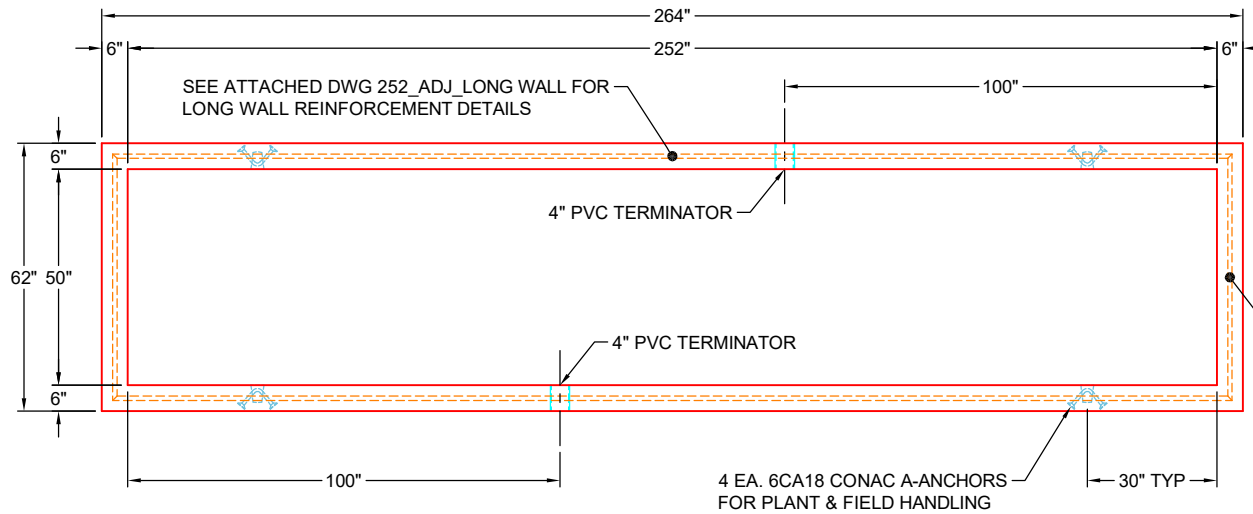
Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 72"
 Height (Ext): 80"

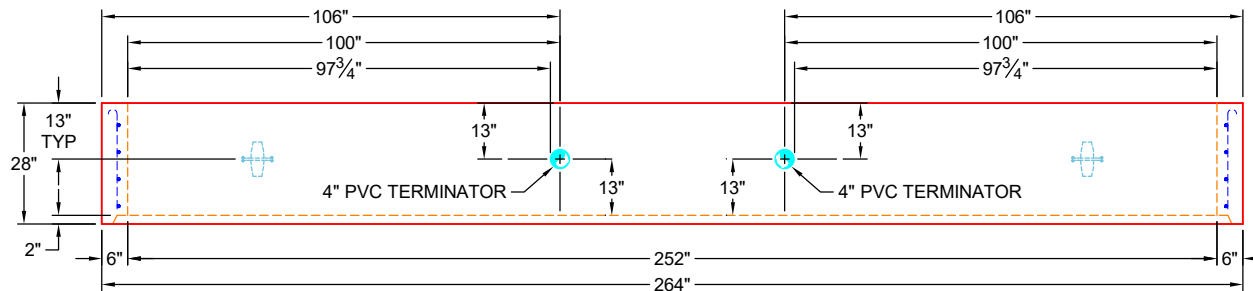
Weight (Net): 36203 lb
 Volume (Net): 9.25cu.yd

GENERAL NOTES:

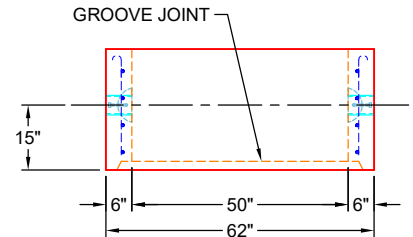
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT - MIN. 1½" REBAR
CLEARANCE:
- LONG WALLS: PER ATTACHED DWG 252_ADJ_LONG WALL
- SHORT WALLS: PER ATTACHED DWG SHORT WALL
4. WEIGHTS: 9,178 LBS




**PLAN VIEW
(RIGHT SIDE UP)**

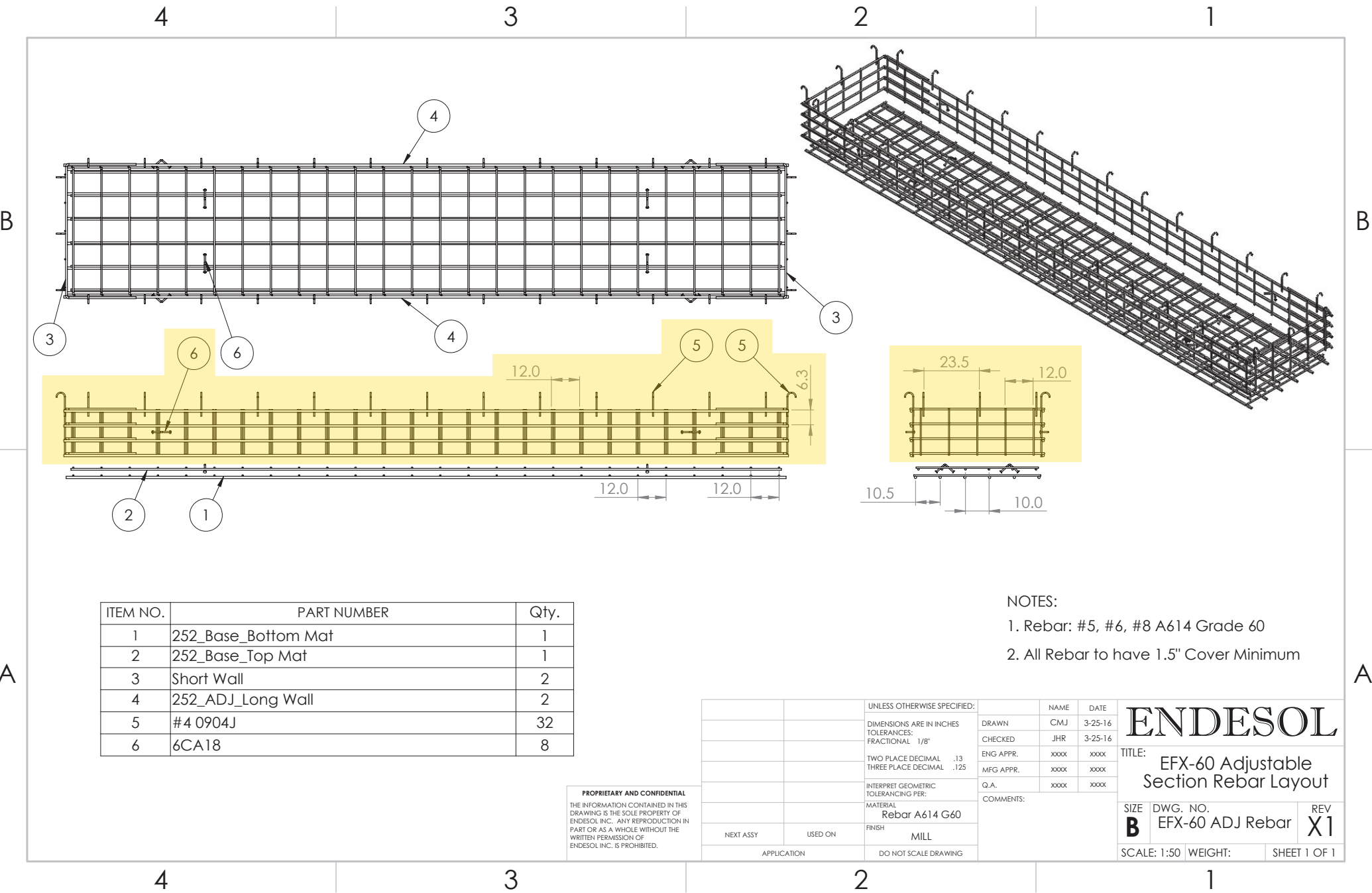


**FRONT VIEW
(RIGHT SIDE UP)**



**SIDE VIEW
(RIGHT SIDE UP)**

PRODUCTION WORK ORDER		PRODUCT I.D.: CVR	DESCRIPTION: 50" X 252" X 28" RISER		
	QUALITY CONTROL CHECKLIST <input type="checkbox"/> ALL DIMENSIONS CORRECT. <input type="checkbox"/> LIFTERS INSTALLED. <input type="checkbox"/> HOLE LOCATION(S) CORRECT. <input type="checkbox"/> REINFORCING CORRECT. <input type="checkbox"/> SURFACE QUALITY ACCEPTABLE. <input type="checkbox"/> EDGES CHAMFERED. <input type="checkbox"/> GROOVE JOINT INSTALLED.	PRODUCT VIEW: UPSIDE DOWN	CUSTOMER: ENDESOL, INC.		
		PLANT: BEAVER DAM, KY	PROJECT: 4-23 691254775		
		WEIGHT: 9,178 LBS	STRUCTURE: 2-61618 2 (EFX-60 21 PN VAULT)		
		TOP SECTION JOINT: GROOVE	ORDER NO: 26-1618		
		BASE SECTION JOINT: N / A	PE: J.H. ROSS	DRAWING: J.HORSLEY	
		QC CHECK INITIALS:	DATE: 04/24/26	SCALE: NTS	PG. 1 OF 1



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

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

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

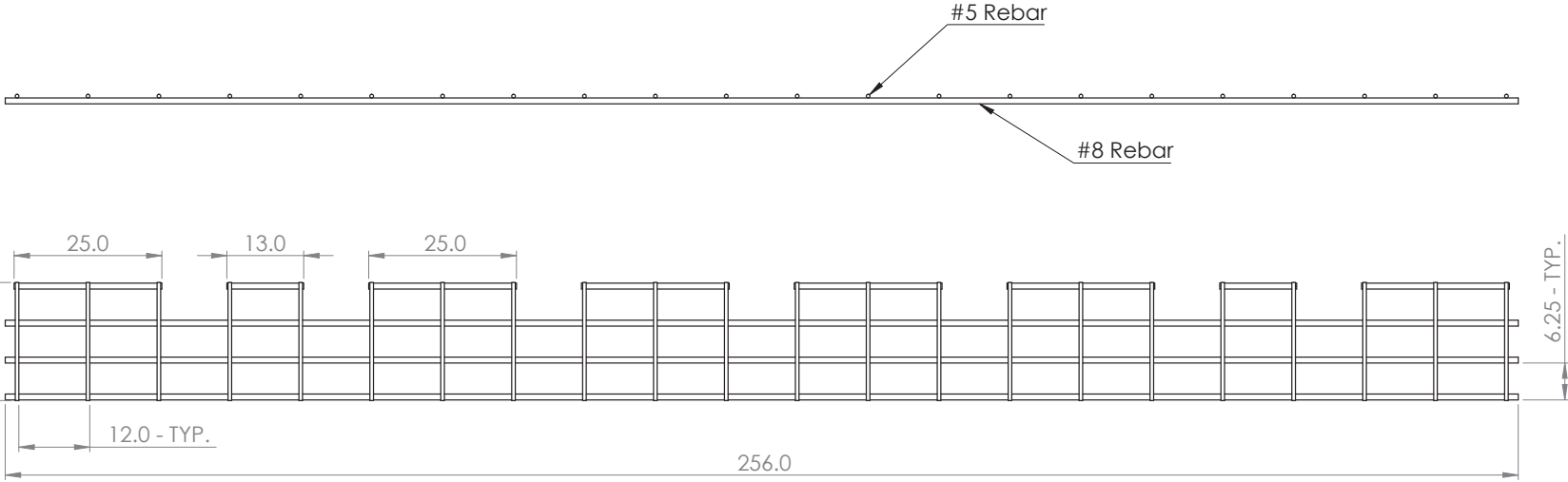
4

3

2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	#8_256.0	#8 Rebar	3
2	#5_20.0	#5 Rebar	22
3	#8_25.0	#8 Rebar	6
4	#8_13.0	#8 Rebar	2



B

B

A


A

4

3

2

1

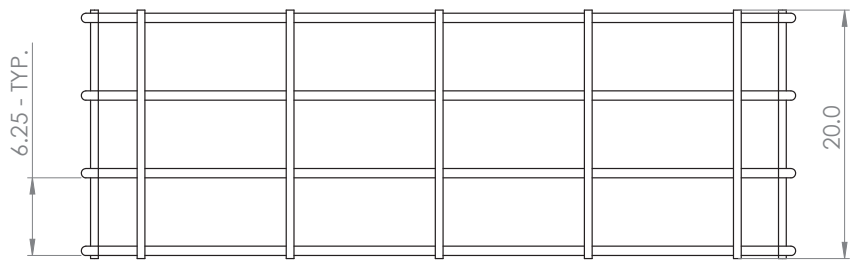
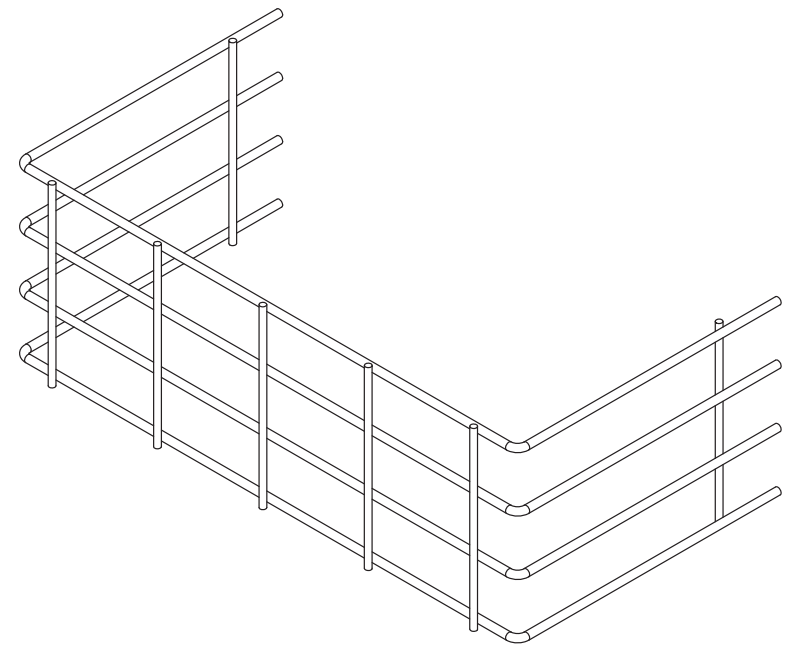
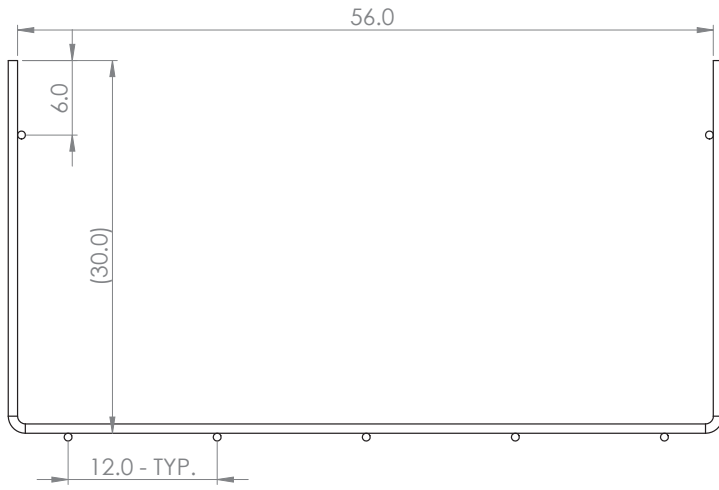
 infrastructure precast, inc. <small>PROPRIETARY AND CONFIDENTIAL</small> <small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFRASTRUCTURE PRECAST INC. (iCast). ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF iCast IS PROHIBITED.</small>	981 W. 7th Street 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"	<table border="1"> <tr><td>NAME</td><td>DATE</td></tr> <tr><td>C.M.J.</td><td>8/3/20</td></tr> <tr><td>J.H.R.</td><td>8/3/20</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	NAME	DATE	C.M.J.	8/3/20	J.H.R.	8/3/20							<table border="1"> <tr><td>DRAWN</td><td> </td></tr> <tr><td>CHECKED</td><td> </td></tr> <tr><td>ENG APPR.</td><td> </td></tr> <tr><td>MFG APPR.</td><td> </td></tr> <tr><td>Q.A.</td><td> </td></tr> <tr><td>COMMENTS:</td><td> </td></tr> </table>	DRAWN		CHECKED		ENG APPR.		MFG APPR.		Q.A.		COMMENTS:	
	NAME	DATE																										
	C.M.J.	8/3/20																										
	J.H.R.	8/3/20																										
DRAWN																												
CHECKED																												
ENG APPR.																												
MFG APPR.																												
Q.A.																												
COMMENTS:																												
<small>DO NOT SCALE DRAWING</small>	<table border="1"> <tr><td>SIZE</td><td>DWG. NO.</td><td>REV.</td></tr> <tr><td>B</td><td>252_ADJ_Long Wall</td><td> </td></tr> <tr><td>SCALE: 1:50</td><td>WEIGHT:</td><td>SHEET 1 OF 1</td></tr> </table>	SIZE	DWG. NO.	REV.	B	252_ADJ_Long Wall		SCALE: 1:50	WEIGHT:	SHEET 1 OF 1																		
SIZE	DWG. NO.	REV.																										
B	252_ADJ_Long Wall																											
SCALE: 1:50	WEIGHT:	SHEET 1 OF 1																										

4


3

2

1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	6SH	#6 Formed Rebar	4
2	#5_20.0	#5 Rebar	7



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 ±

TWO PLACE DECIMAL ±

THREE PLACE DECIMAL ±

MATERIAL

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	xxx	
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

SIZE **B** DWG. NO. **Short Wall** REV.

SCALE: 1:10 WEIGHT: SHEET 1 OF 1

4

3

2

1

B

B

A

A

Job Number:

26-1618

Job Name:

4-23 691254775

Structure:

2-61618 2

Note:

Nosing Kit To Be Shipped. See Chad Jarvis.