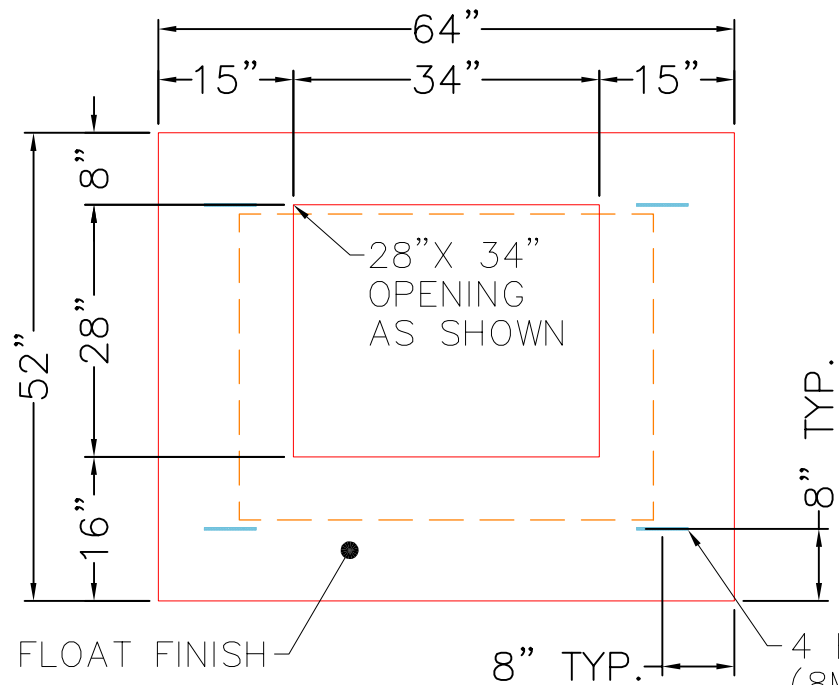
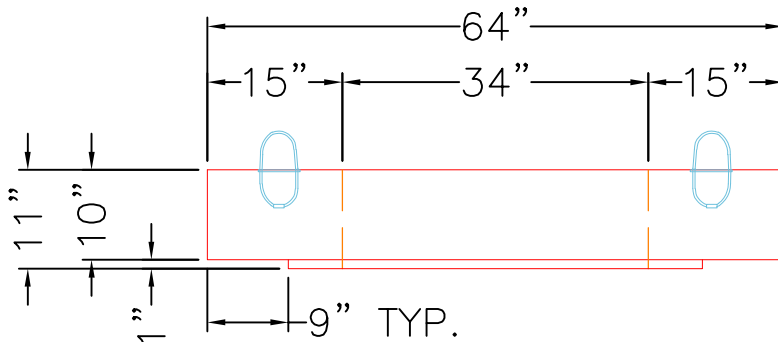




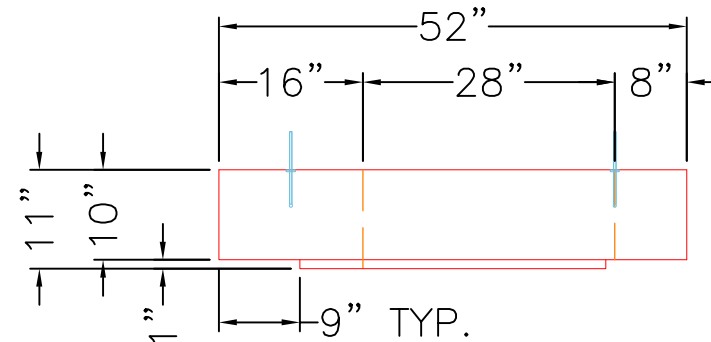
TOP VIEW

GENERAL NOTES:

1. MANUFACTURED TO TDOT D-CB-12 / ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,500 PSI AT 28 DAYS.
3. REINFORCING: PER TDOT DRAWING D-CB-12S MODIFIED (GRADE 60).
4. WEIGHT: 2,044 LBS
5. JOINT SEALANT TO BE CONSEAL CS-102, 1".



FRONT VIEW



RIGHT VIEW

PRODUCTION WORK ORDER		PRODUCT I.D.: BX036048-10LD08W-SP		DESCRIPTION: 52" X 64" X 10" THICK TOP SLAB	
	QUALITY CONTROL CHECKLIST ☐ ALL DIMENSIONS CORRECT. ☐ LIFTERS INSTALLED. ☐ OPENING CORRECT. ☐ REINFORCING CORRECT. ☐ SURFACE QUALITY ACCEPTABLE. ☐ EDGES CHAMFERED. ☐ ALL PATCHWORK ACCEPTABLE.	PRODUCT VIEW: RIGHT SIDE UP		CUSTOMER: CAPITAL CITY CONSTRUCTION SERVICES LLC	
		PLANT: BEAVER DAM, KY.		PROJECT: TDOT RUTHERFORD CO CNZ193	
		WEIGHT: 2,044 LBS.		STRUCTURE: CB-3	
		TOP SECTION JOINT: N/A		ORDER NO: 25-2772	
		BASE SECTION JOINT: N/A		PC: A. CHAMBERS	DRAWING: J. COPPAGE
		QC CHECK INITIALS:		DATE: 10/1/25	SCALE: NTS PG. 1 of 1

Job Name: 24-2716 905 E Trinity

Job Location: Nashville, TN

Contractor: Hayes Pipe Supply

Plant: Beaver Dam, KY

10/15/2025 10:35:26 AM

Tech: K. Cardwell

PC: A. Chambers



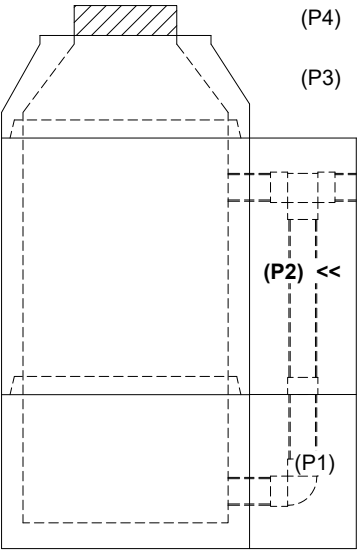
Structure ID: A2 (San)

P2 MH048RS60SCDARED

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

P4) 24" - CASTING HEIGHT - 7"	0 lb	Structure Notes:
P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 24"	1297 lb	1. PER ASTM C-478 SPECS
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red T/G - 60"	6758 lb	2. CONCRETE: 4,000 PSI AT 28 DAYS
P1) 48" - MH BASE w/DROP/ConBlock-CDA Red T/n - 30"	4864 lb	3. REINFORCEMENT: PER ASTM A615
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb	4. CONBLOCK CDA RED ADMIXTURE REQUIRED
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb	5. INVERT CHANNEL REQUIRED
1) ADMIXTURE CONBLOCK CDA RED	0 lb	6. STEPS AT 90 DEGREES
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb	7. CASTING: JBS 1150 "SANITARY" SUPPLIED BY OTHERS
2) 48" - Conseal CS-102 1.00" (Double)	0 lb	8. EXTERIOR DROP ASSEMBLY FROM INVERT 3 TO INVERT 4 SUPPLIED BY ICAST
2) PSX - 12-08 NYLO	16 lb	9. ADD 6" SDR 35 DROP & TEE AT INVERT 3
1) Drop Tee - 6" PVC	0 lb	
1) Drop Elbow - 6" PVC	0 lb	
9) MH Step ML-10-TDS-NCR - 10"	0 lb	
Structure Total:	14375 lb	
Rim: 565.95'	Rim to Invert: 10.02'	Slack: 1.24" Sump: 2" Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3	562.16'	270°	136.659"	6" PVC SDR35	6.25"	Drop Tee 6" PVC	6.5"	6.52"	42.26"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



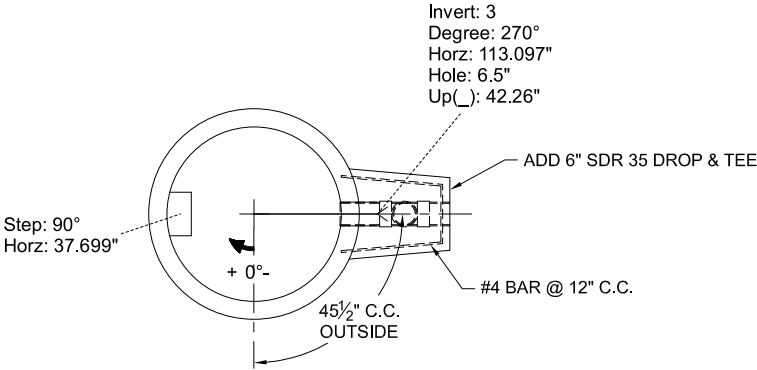
(P4)

(P3)

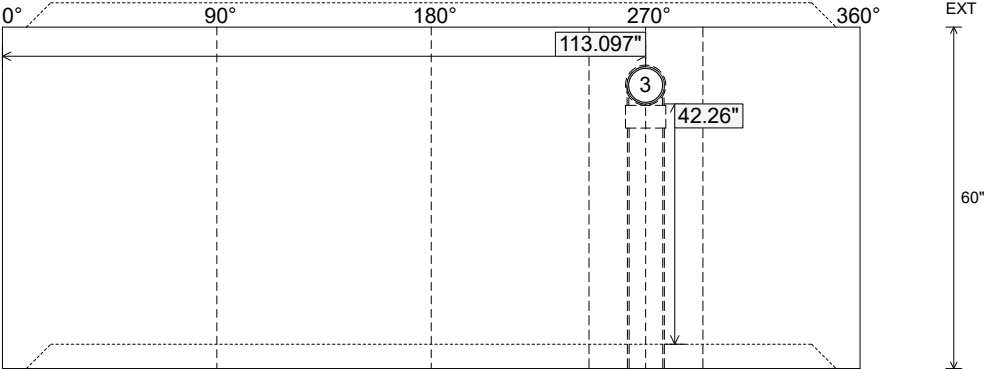
(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



(P2)

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 60"

Height (Ext): 60"

Weight (Net): 6758 lb

Volume (Net): 1.73cu.yd

Job Name: 24-2716 905 E Trinity

Job Location: Nashville, TN

Contractor: Hayes Pipe Supply

Plant: Beaver Dam, KY

10/15/2025 10:35:26 AM

Tech: K. Cardwell

PC: A. Chambers



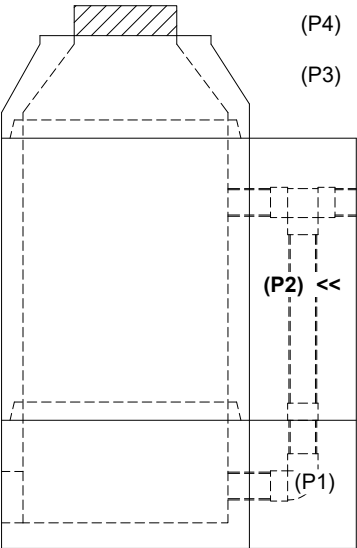
Structure ID: A1 (San)

P2 MH048RS66SCDARED

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

P4) 24" - CASTING HEIGHT - 7"	0 lb	Structure Notes: 1. PER ASTM C-478 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. CONBLOCK CDA RED ADMIXTURE REQUIRED 5. INVERT CHANNEL REQUIRED 6. STEPS AT 195 DEGREES 7. CASTING: JBS 1150 "SANITARY" SUPPLIED BY OTHERS 8. EXTERIOR DROP ASSEMBLY FROM INVERT 2 TO INVERT 4 SUPPLIED BY ICAST 9. ADD 6" SDR 35 DROP & TEE AT INVERT 2
P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 24"	1297 lb	
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red T/G - 66"	7435 lb	
P1) 48" - MH BASE w/DROP/ConBlock-CDA Red T/n - 24"	4187 lb	
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb	
1) ADMIXTURE CONBLOCK CDA RED	0 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	
2) 48" - Conseal CS-102 1.00" (Double)	0 lb	
1) PSX - 12M NYLO	8 lb	
1) Drop Tee - 6" PVC	0 lb	
1) PSX - 12-08 NYLO	8 lb	
1) Drop Elbow - 6" PVC	0 lb	
10) MH Step ML-10-TDS-NCR - 10"	0 lb	
Structure Total:		14375 lb
Rim: 565.1' Rim to Invert: 10.02' Slack: 1.24" Sump: 2" Step Position: 195°		

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (°)	Offset
Invert 1										
Invert 2	560.91'	120°	60.737"	6" PVC SDR35	6.25"	Drop Tee 6" PVC	6.5"	6.52"	43.46"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



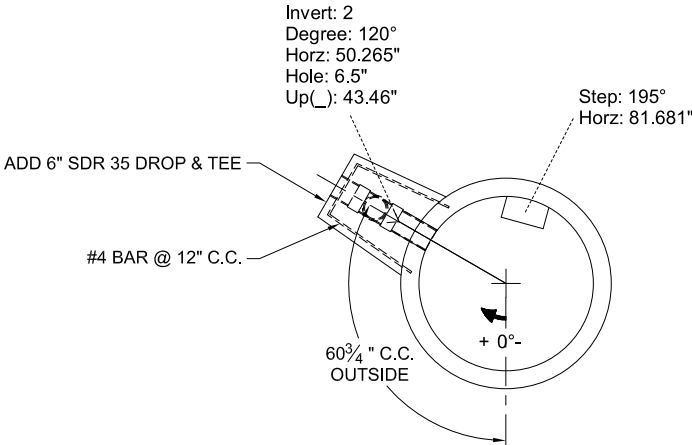
(P4)

(P3)

(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 2
Degree: 120°
Horz: 50.265"
Hole: 6.5"
Up(°): 43.46"

Step: 195°
Horz: 81.681"

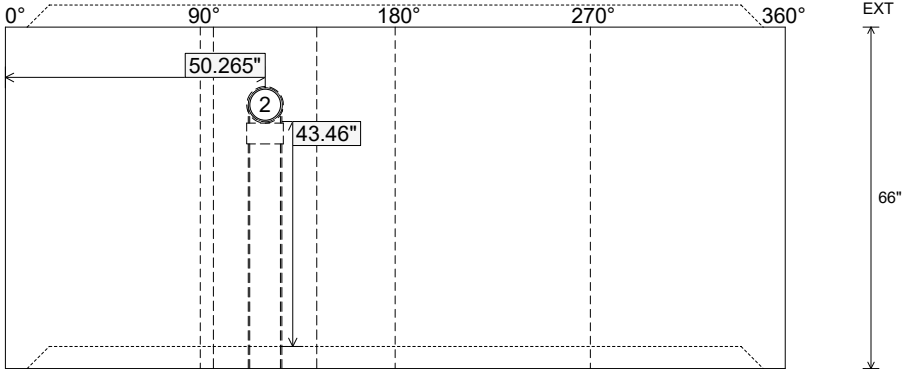
ADD 6" SDR 35 DROP & TEE

#4 BAR @ 12" C.C.

60 3/4" C.C. OUTSIDE

+ 0°

INSIDE WALL DIMENSIONS



0° 90° 180° 270° 360°

50.265"

43.46"

66"

EXT

(P2)

Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 5"
Floor Height: 0"

Height (Int): 66"
Height (Ext): 66"

Weight (Net): 7435 lb
Volume (Net): 1.90cu.yd

Job Name: 25-3431B Plano Bridleton Farms Sanitary
Job Location: Bowling Green, KY
Contractor: J & J Concrete & Excavating, LLC

Plant: Beaver Dam

10/10/2025 11:35:22 AM

Tech: C.Russ

PC: E. Bradley



Structure ID: SSMH A8

P1 MH048BA24

MH BASE

- P3) 24" - CASTING HEIGHT - 7"
P2) 48" - ECC CONE w/ 24" HOLE - 30"
P1) 48" - MH BASE - 24"
1) 48" - MH INVERT CHANNEL - FULL HEIGHT
1) JOINT WRAP - 12" WD x 048" MAC WRAP
1) CASTING - HOE MC-375 F/C Sanitary
1) 48" - DBL 1"x14.5' Butyl (2x)
2) A-Lok - 0285
1) A-Lok - 0210
4) MH Step ML-10-TDS-NCR - 10"

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

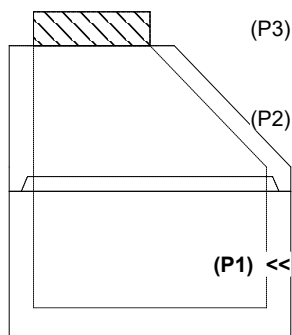
Structure Total: 6690 lb

Rim: 605.67' Rim to Invert: 5.16' Slack: 2.92" Sump: 2" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	600.51'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	600.61'	118°	59.725"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	2.325"	0"
Invert 3	600.68'	248°	125.524"	6" PVC SDR35	6.25"	A-Lok 0210	7.25"	7.278"	3.415"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



Invert: 2
Degree: 118°
Horz: 49.428"
Hole: 9.75"
Up(): 2.325"

Invert: 3
Degree: 248°
Horz: 103.882"
Hole: 7.25"
Up(): 3.415"

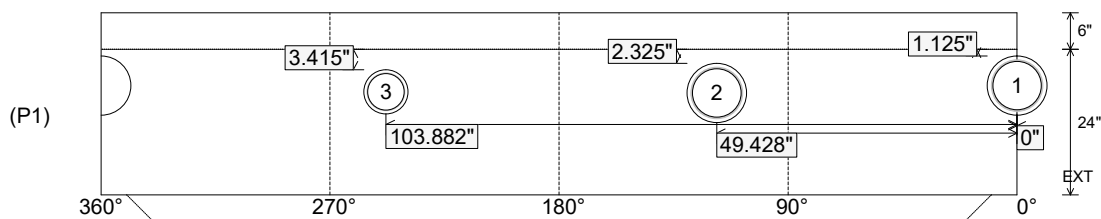
Invert: 3
Degree: 248°
Horz: 103.882"
Hole: 7.25"
Up(): 3.415"

Invert: 2
Degree: 118°
Horz: 49.428"
Hole: 9.75"
Up(): 2.325"

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

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

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

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

Weight (Net): 2926 lb
Volume (Net): 0.75cu.yd

Job Name: 25-3431B Plano Bridleton Farms Sanitary
Job Location: Bowling Green, KY
Contractor: J & J Concrete & Excavating, LLC

Plant: Beaver Dam

10/10/2025 11:35:22 AM

Tech: C.Russ

PC: E. Bradley



Structure ID: SSMH A8

P1 MH048BA24

MH BASE

- P3) 24" - CASTING HEIGHT - 7"
P2) 48" - ECC CONE w/ 24" HOLE - 30"
P1) 48" - MH BASE - 24"
- 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
1) JOINT WRAP - 12" WD x 048" MAC WRAP
1) CASTING - HOE MC-375 F/C Sanitary
1) 48" - DBL 1"x14.5' Butyl (2x)
2) A-Lok - 0285
1) A-Lok - 0210
4) MH Step ML-10-TDS-NCR - 10"

- 0 lb
2050 lb
2926 lb
1440 lb
0 lb
271 lb
0 lb
2 lb
1 lb
0 lb
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. HOE 375 F/C "SANITARY" BY ICAST
3. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 6690 lb

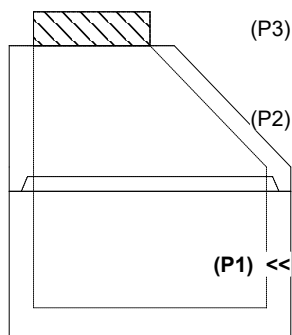
**INVERT CHANNEL DRAWING
FULL HEIGHT INVERT**

Rim: 605.67' Rim to Invert: 5.16' Slack: 2.92" Sump: 2" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	600.51'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	600.61'	118°	59.725"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	2.325"	0"
Invert 3	600.68'	248°	125.524"	6" PVC SDR35	6.25"	A-Lok 0210	7.25"	7.278"	3.415"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



Invert: 2
Degree: 118°
Horz: 49.428"
Hole: 9.75"
Up(): 2.325"

Invert: 3
Degree: 248°
Horz: 103.882"
Hole: 7.25"
Up(): 3.415"

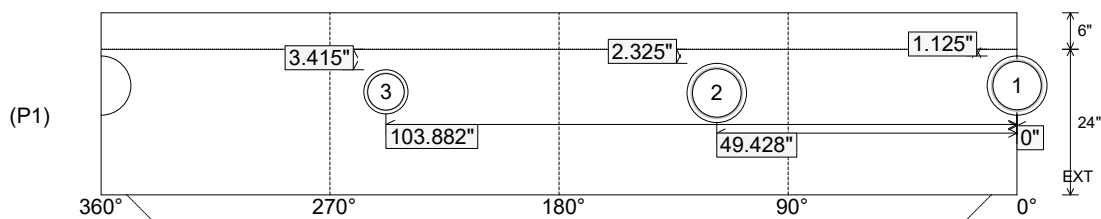
Invert: 3
Degree: 248°
Horz: 103.882"
Hole: 7.25"
Up(): 3.415"

Invert: 2
Degree: 118°
Horz: 49.428"
Hole: 9.75"
Up(): 2.325"

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

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

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

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

Weight (Net): 2926 lb
Volume (Net): 0.75cu.yd

Job Name: 25-3431B Plano Bridleton Farms Sanitary
 Job Location: Bowling Green, KY
 Contractor: J & J Concrete & Excavating, LLC

Plant: Beaver Dam

10/10/2025 11:35:21 AM

Tech: C.Russ

PC: E. Bradley



Structure ID: SSMH A7

P1 MH048BA18

MH BASE

- P4) 24" - CASTING HEIGHT - 7"
 P3) 24" - GRADE RING - 3"
 P2) 48" - ECC CONE w/ 24" HOLE - 24"
 P1) 48" - MH BASE - 18"
 1) 48" - MH INVERT CHANNEL - FULL HEIGHT
 1) JOINT WRAP - 12" WD x 048" MAC WRAP
 1) CASTING - HOE MC-375 F/C Sanitary
 1) 48" - DBL 1"x14.5' Butyl (2x)
 2) A-Lok - 0285
 3) MH Step ML-10-TDS-NCR - 10"

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

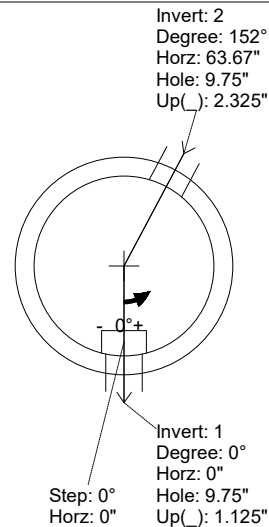
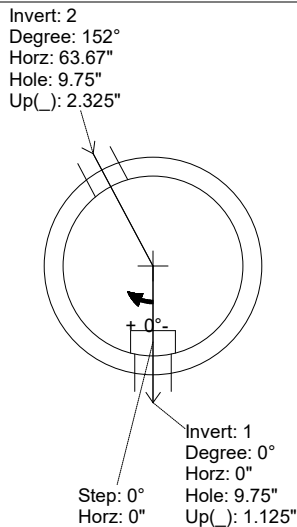
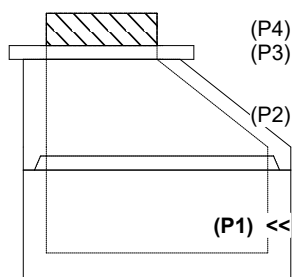
Structure Total: 5990 lb

Rim: 604.21' Rim to Invert: 4.47' Slack: 3.64" Sump: 2" Step Position: 0°

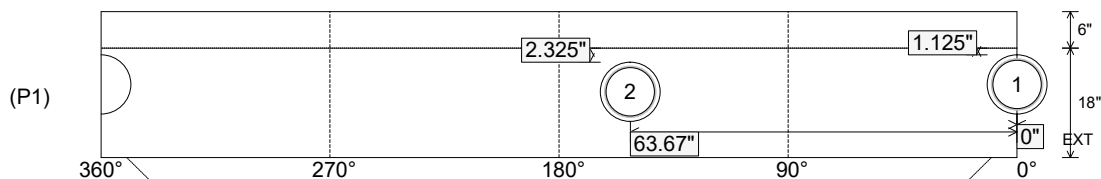
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	599.74'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	599.84'	152°	76.934"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	2.325"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2525 lb
 Volume (Net): 0.64cu.yd

Job Name: 25-3431B Plano Bridleton Farms Sanitary
Job Location: Bowling Green, KY
Contractor: J & J Concrete & Excavating, LLC

Plant: Beaver Dam

10/10/2025 11:35:21 AM

Tech: C.Russ

PC: E. Bradley



Structure ID: SSMH A7

P1 MH048BA18

MH BASE

- P4) 24" - CASTING HEIGHT - 7"
P3) 24" - GRADE RING - 3"
P2) 48" - ECC CONE w/ 24" HOLE - 24"
P1) 48" - MH BASE - 18"
1) 48" - MH INVERT CHANNEL - FULL HEIGHT
1) JOINT WRAP - 12" WD x 048" MAC WRAP
1) CASTING - HOE MC-375 F/C Sanitary
1) 48" - DBL 1"x14.5' Butyl (2x)
2) A-Lok - 0285
3) MH Step ML-10-TDS-NCR - 10"

- 0 lb
202 lb
1550 lb
2525 lb
1440 lb
0 lb
271 lb
0 lb
2 lb
0 lb
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. HOE 375 F/C "SANITARY" BY ICAST
3. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 5990 lb

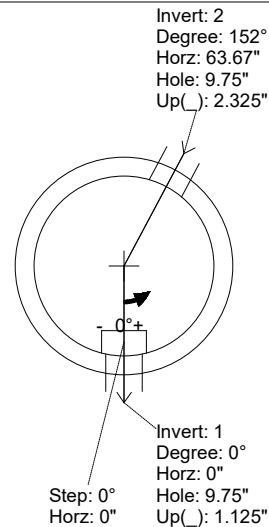
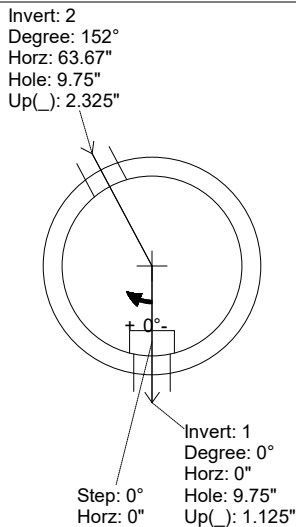
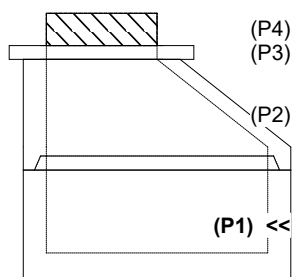
INVERT CHANNEL DRAWING FULL HEIGHT INVERT

Rim: 604.21' Rim to Invert: 4.47' Slack: 3.64" Sump: 2" Step Position: 0°

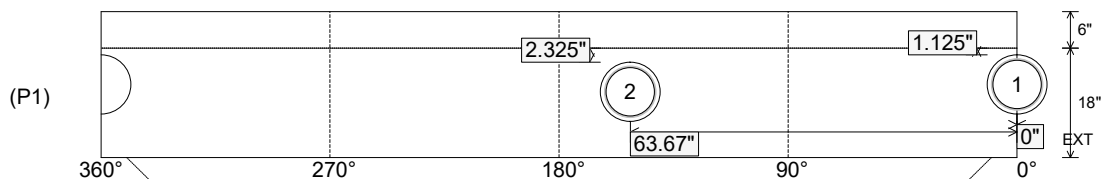
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	599.74'	0°	0"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	1.125"	0"
Invert 2	599.84'	152°	76.934"	8" PVC SDR35	8.5"	A-Lok 0285	9.75"	9.818"	2.325"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

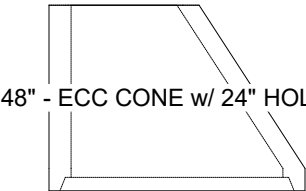
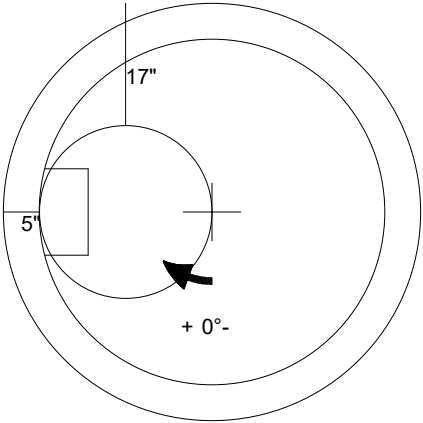
Wall Thickness: 5"
Floor Height: 6"

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

Weight (Net): 2525 lb
Volume (Net): 0.64cu.yd

P4) 24" - CASTING HEIGHT - 6"	0 lb	Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING JBS 1155 "Sanitary" BY ICAST REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
P3) 24" - GRADE RING w/ConBlock-CDA Red - 4"	270 lb	
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 42"	3116 lb	
P1) 48" - MH BASE w/ConBlock-CDA Red - 36"	3749 lb	
1) 48" - MH INVERT CHANNEL - 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 1155 F/C SANITARY	250 lb	
1) 48" - Conseal CS-102 1.00" (Double)	0 lb	
2) PSX - 12-08 NYLO	16 lb	
7) MH Step ML-10-TDS-NCR - 10"	0 lb	

Structure Total:	8842 lb	



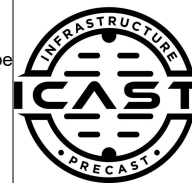
48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 42" - (P2)

Coating (Int):	Seam Up: Flat	Wall Thickness: 5"	Height (Ext): 42"	Weight (Net): 3116 lb
Coating (Ext):	Seam Dn: Groove			Volume (Net): 0.8cu.yd

Job Name: 25-2511C Blue Sky Sec. 1
Job Location: Clarksville, TN
Contractor: Byard Construction, LLC

Plant: Beaver Dam, KY
10/21/2025 1:51:59 PM

Tech: J. Coppage
PC: Andrew Chamber



Structure ID: SSMH-A3

P2 MH048RS36CDARED

MH RISER w/ConBlock-CDA Red

- P4) 24" - CASTING HEIGHT - 6"
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 30"
P2) 48" - MH RISER w/ConBlock-CDA Red - 36"
P1) 48" - MH BASE w/ConBlock-CDA Red - 30"
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 - JBS 1155 F/C SANITARY
2) 48" - ConSeal CS-102 1.00" (Double)
2) PSX - 12-08 NYLO
8) MH Step ML-10-TDS-NCR - 10"

- 0 lb
1961 lb
2515 lb
3330 lb
1440 lb
0 lb
0 lb
250 lb
0 lb
16 lb
0 lb

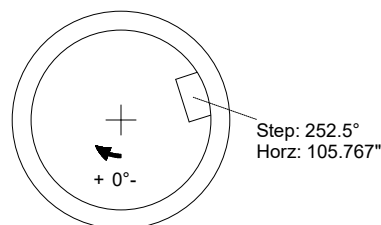
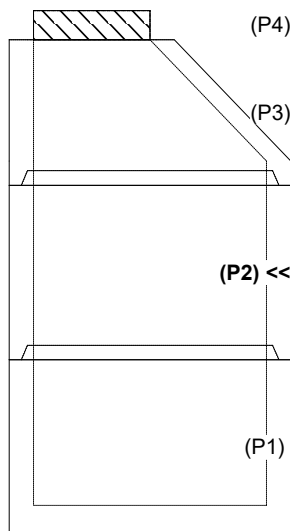
Structure Total: 9513 lb
- Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING JBS 1155 "Sanitary" BY ICAST

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

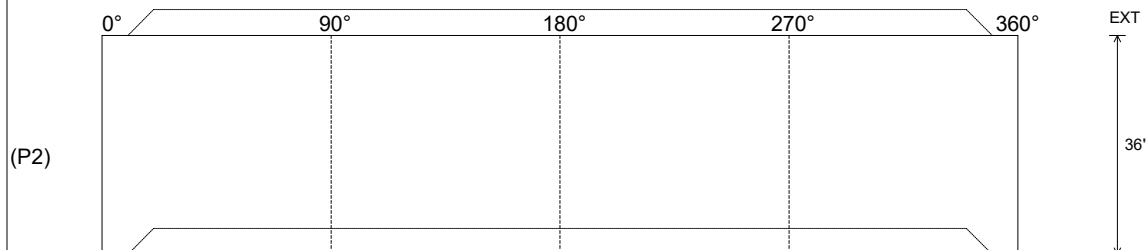
Rim: 504.79' Rim to Invert: 8.57' Slack: 2.84" Sump: 2" Step Position: 252.5°

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):

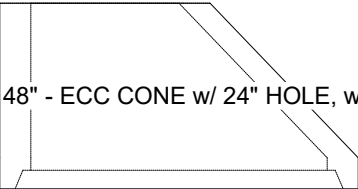
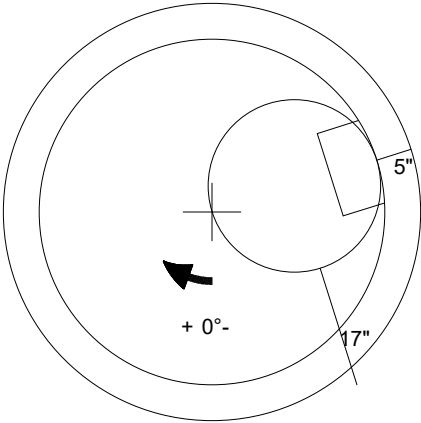
Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 5"
Floor Height: 0"

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

Weight (Net): 2515 lb
Volume (Net): 0.64cu.yd

P4) 24" - CASTING HEIGHT - 6"	0 lb	Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING JBS 1155 "Sanitary" BY ICAST REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 30"	1961 lb	
P2) 48" - MH RISER w/ConBlock-CDA Red - 36"	2515 lb	
P1) 48" - MH BASE w/ConBlock-CDA Red - 30"	3330 lb	
1) 48" - MH INVERT CHANNEL - 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 1155 F/C SANITARY	250 lb	
2) 48" - Conseal CS-102 1.00" (Double)	0 lb	
2) PSX - 12-08 NYLO	16 lb	
8) MH Step ML-10-TDS-NCR - 10"	0 lb	
Structure Total: 9513 lb		



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 30" - (P3)

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

Job Name: 25-2511C Blue Sky Sec. 1
Job Location: Clarksville, TN
Contractor: Byard Construction, LLC

Plant: Beaver Dam, KY
10/21/2025 1:50:29 PM

Tech: J. Coppage
PC: Andrew Chamber



Structure ID: SSMH-A4

P1 MH048BA36CDARED

MH BASE w/ConBlock-CDA Red

- P4) 24" - CASTING HEIGHT - 6"
P3) 24" - GRADE RING w/ConBlock-CDA Red - 4"
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 42"
P1) 48" - MH BASE w/ConBlock-CDA Red - 36"
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 - JBS 1155 F/C SANITARY
1) 48" - Conseal CS-102 1.00" (Double)
2) PSX - 12-08 NYLO
7) MH Step ML-10-TDS-NCR - 10"

- Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING JBS 1155 "Sanitary" BY ICAST
REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 8842 lb

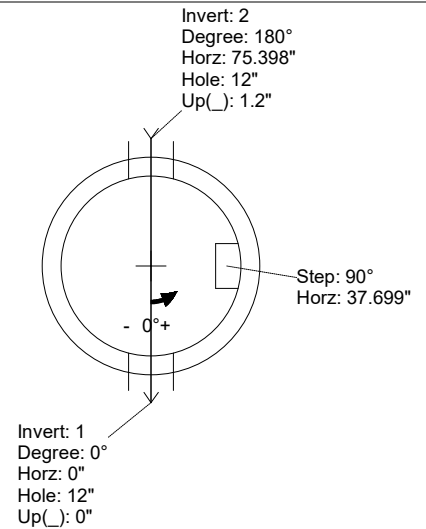
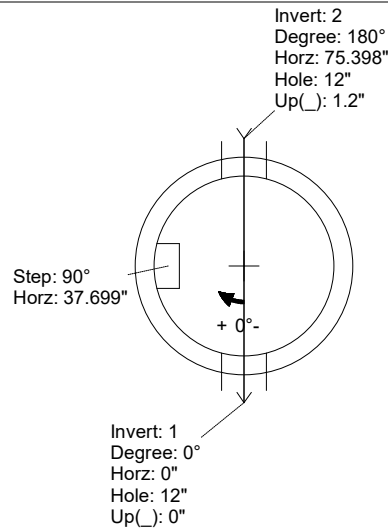
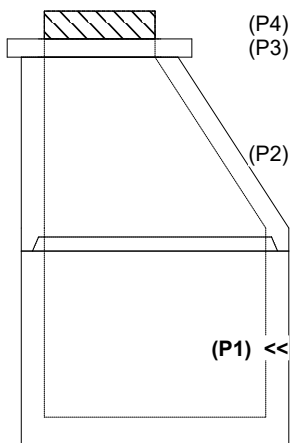
INVERT CHANNEL DRAWING
FULL HEIGHT INVERT

Rim: 510.2' Rim to Invert: 7.26' Slack: 1.12" Sump: 2" Step Position: 90°

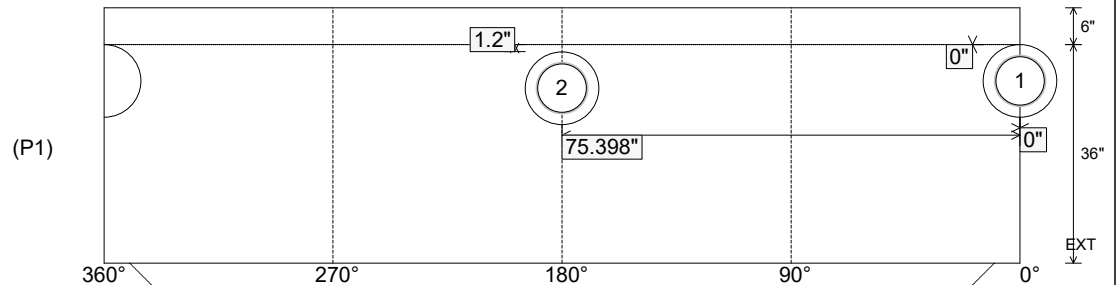
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	502.94'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	503.04'	180°	91.106"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

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

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

Job Name: 25-2054 - South US 27 Ph 2 Sewer Extension

Job Location: Somerset, KY 42501

Contractor: Weddle Enterprises, Inc

Plant: Beaver Dam, KY

10/23/2025 3:37:32 PM

Tech: K. Cardwell

PC: C. Goff



Structure ID: ARV 4+00

P1 MH048DHVFCDARED

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

P3) 24" - CASTING HEIGHT - 7"

P2) 48" - MH FLAT TOP w/24" Hole ECC w/ConBlock-CDA Red F/G - 12"

P1) 48" - MH DH RISER Custom Ht, w/ConBlock-CDA Red T/F - 35"

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212

1) ADMIXTURE CONBLOCK CDA RED

1) 48" - Conseal CS-102 1.00" (Double)

1) No Openings

3) MH Step ML-10-TDS-NCR - 10"

0 lb

1580 lb

2445 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 4025 lb

Structure Notes:

STATION: 4+00

1. PER ASMT C-478 SPECS

2. CONCRETE: 5,000 PSI AT 28 DAYS

3. REINFORCEMENT: PER ASTM A615

4. CONBLOCK CDA RED ADMIXTURE REQUIRED

5. 7" CASTING SUPPLIED BY OTHERS

6. STEPS AT 0 DEGREES

7. NO OPENINGS

Rim: 4.5'

Rim to Invert: 4.5'

Slack: 0"

Sump: 0"

Step Position: 0°

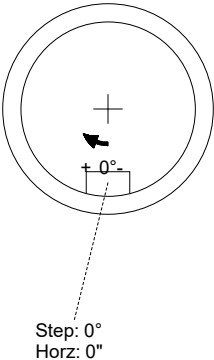
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	0'			NO OPENINGS						
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P3)

(P2)

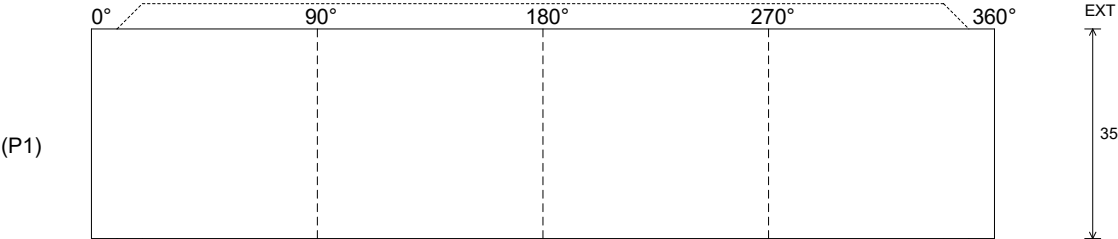
(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)

INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Flat

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 35"

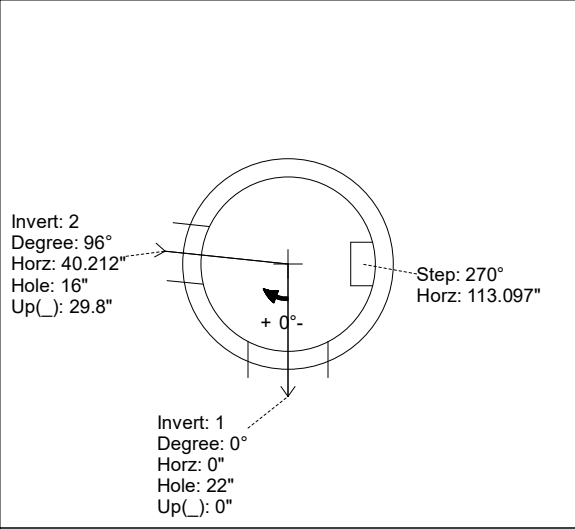
Height (Ext): 35"

Weight (Net): 2445 lb

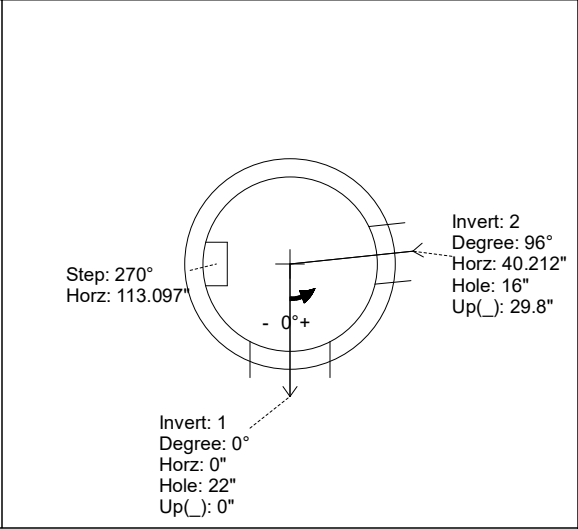
Volume (Net): 0.62cu.yd

Job Name: 24-2716 905 E Trinity Job Location: Nashville, TN Contractor: Hayes Pipe Supply					Plant: Beaver Dam, KY 10/14/2025 9:35:12 AM		Tech: K. Cardwell PC: A. Chambers			
Structure ID: F5										
P1		MH048BA60		MH BASE T/n						
P4) 24" - CASTING HEIGHT - 7" P3) 24" - GRADE RING F/F - 3" P2) 48" - CON CONE w/24" HOLE F/G - 36" P1) 48" - MH BASE T/n - 60" 1) 48" - Conseal CS-102 1.00" 1) Hole - 22 1) Hole - 16 8) MH Step ML-10-TDS-NCR - 10"					0 lb 202 lb 2252 lb 5271 lb 0 lb 0 lb 0 lb 0 lb ----- 7726 lb		Structure Notes: 1. PER ASTM C-478 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. STEPS AT 270 DEGREES 5. CASTING: JBS 1150 "STORM" SUPPLIED BY OTHERS			
Rim: 565.4' Rim to Invert: 8.71' Slack: 0.77' Sump: 2.25' Step Position: 270°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	556.69'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	0"	0"
Invert 2	559.09'	96°	48.59"	12" HDPE	14.5"	Hole 16	16"	16.312"	29.8"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

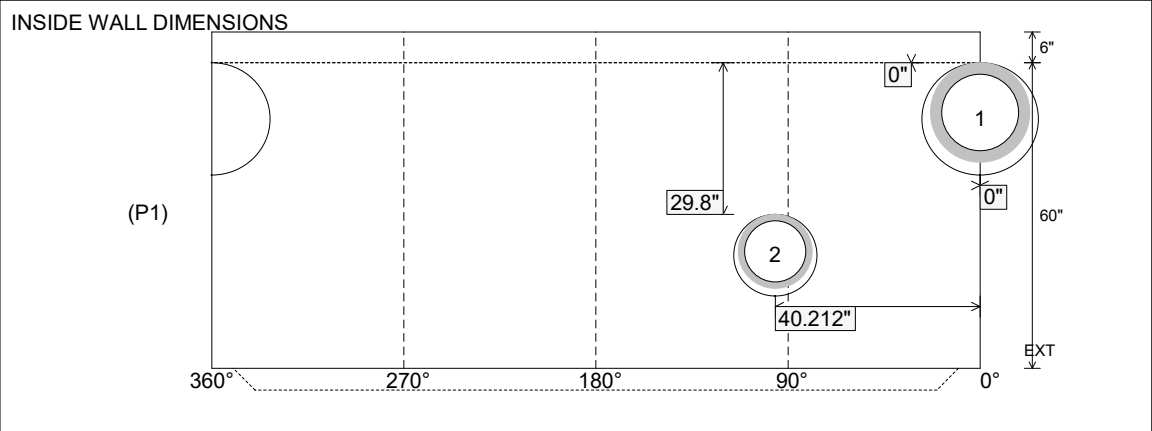
RIGHT-SIDE UP VIEW (int. dimensions)



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): 60"
Height (Ext): 66"

Weight (Net): 5271 lb
Volume (Net): 1.35cu.yd

Job Name: 24-2716 905 E Trinity

Job Location: Nashville, TN

Contractor: Hayes Pipe Supply

Plant: Beaver Dam, KY

10/14/2025 9:35:11 AM

Tech: K. Cardwell

PC: A. Chambers



Structure ID: F4

P1 MH048BA60MH BASE T/n

P4) 24" - CASTING HEIGHT - 7"

P3) 48" - MH FLAT LID w/24in ECC Hole F/G - 12"

P2) 48" - MH RISER T/G - 48"

P1) 48" - MH BASE T/n - 60"

2) 48" - Conseal CS-102 1.00"

1) Hole - 26

1) Hole - 22

9) MH Step ML-10-TDS-NCR - 10"

0 lb

1561 lb

3189 lb

5289 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 10038 lb

Structure Notes:

1. PER ASTM C-478 SPECS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: PER ASTM A615

4. STEPS AT 90 DEGREES

5. CASTING: JBS 1150 "STORM" SUPPLIED BY OTHERS

Rim: 560.41' Rim to Invert: 10.57' Slack: 2.34" Sump: 2.5" Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	549.84'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P4)

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

Step: 90°

Horz: 37.699"

+ 0°-

Invert: 1

Degree: 0°

Horz: 0"

Hole: 26"

Up(): 0"

UPSIDE-DOWN VIEW (int. dimenions)

Step: 90°

Horz: 37.699"

- 0°+

Invert: 1

Degree: 0°

Horz: 0"

Hole: 26"

Up(): 0"

INSIDE WALL DIMENSIONS

(P1)

360°

270°

180°

90°

0°

6"

60"

EXT

0"

0"

1

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 60"

Height (Ext): 66"

Weight (Net): 5289 lb

Volume (Net): 1.35cu.yd

Job Name: 24-2716 905 E Trinity Job Location: Nashville, TN Contractor: Hayes Pipe Supply					Plant: Beaver Dam, KY 10/14/2025 9:35:10 AM		Tech: K. Cardwell PC: A. Chambers				
Structure ID: F3											
P1		MH048BA30		MH BASE T/n							
P4) 24" - CASTING HEIGHT - 7" P3) 24" - GRADE RING F/F - 4" P2) 48" - MH FLAT LID w/24in ECC Hole F/G - 12" P1) 48" - MH BASE T/n - 30" 1) 48" - Conseal CS-102 1.00" 2) Hole - 26 2) MH Step ML-10-TDS-NCR - 10"						0 lb 270 lb 1561 lb 2960 lb 0 lb 0 lb 0 lb Structure Total: 4791 lb		Structure Notes: 1. PER ASTM C-478 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. STEPS AT 270 DEGREES 5. CASTING: JBS 1150 "STORM" SUPPLIED BY OTHERS			
Rim: 533.62' Rim to Invert: 4.29' Slack: 0.98" Sump: 2.5" Step Position: 270											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	529.33'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 2	529.33'	157°	79.465"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

(P4)

(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 157°
Horz: 65.764"
Hole: 26"
Up(_): 0"

Step: 270°
Horz: 113.097"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 26"
Up(_): 0"

+ 0° -

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2
Degree: 157°
Horz: 65.764"
Hole: 26"
Up(_): 0"

Step: 270°
Horz: 113.097"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 26"
Up(_): 0"

- 0° +

INSIDE WALL DIMENSIONS

(P1)

360°

270°

180°

90°

0°

65.764"

0"

0"

0"

6"

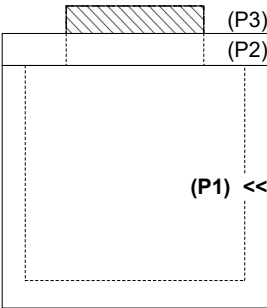
30"

EXT

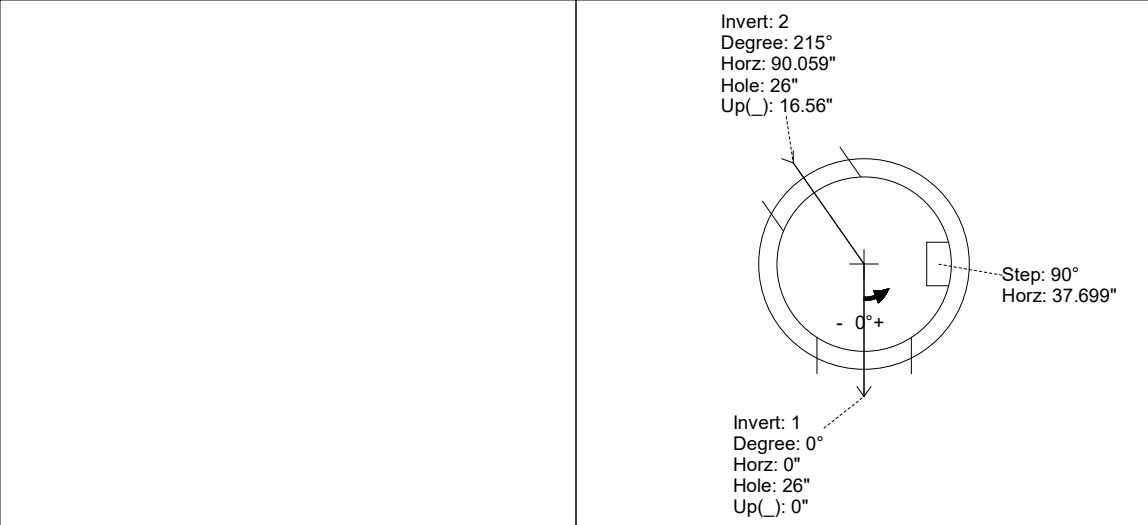
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 30" Height (Ext): 36"	Weight (Net): 2960 lb Volume (Net): 0.76cu.yd
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Job Name: 24-2716 905 E Trinity Job Location: Nashville, TN Contractor: Hayes Pipe Supply					Plant: Beaver Dam, KY 10/14/2025 9:35:09 AM		Tech: K. Cardwell PC: A. Chambers				
Structure ID: F2											
P1		MH048BAVF									
MH BASE Custom Ht F/n											
P3) 30" x 30" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/30"x30" Hole F/F - 7" P1) 48" - MH BASE Custom Ht F/n - 47" 1) 48" - Conseal CS-102 1.00" 1) 30" x 30" - Conseal CS-102 1.00" 2) Hole - 26 4) MH Step ML-10-TDS-NCR - 10"						0 lb 1264 lb 4147 lb 0 lb 0 lb 0 lb 0 lb ----- 0 lb		Structure Notes: 1. PER ASTM C-478 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. STEPS AT 90 DEGREES 5. CASTING: JBS 4310 SUPPLIED BY OTHERS			
Structure Total:						5411 lb					
Rim: 532.45' Rim to Invert: 4.8' Slack: 0.1" Sump: 2.5' Step Position: 90°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	527.65'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"	
Invert 2	529.03'	215°	108.821"	18" RCP B WALL	23"	Hole 26	26"	27.476"	16.56"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

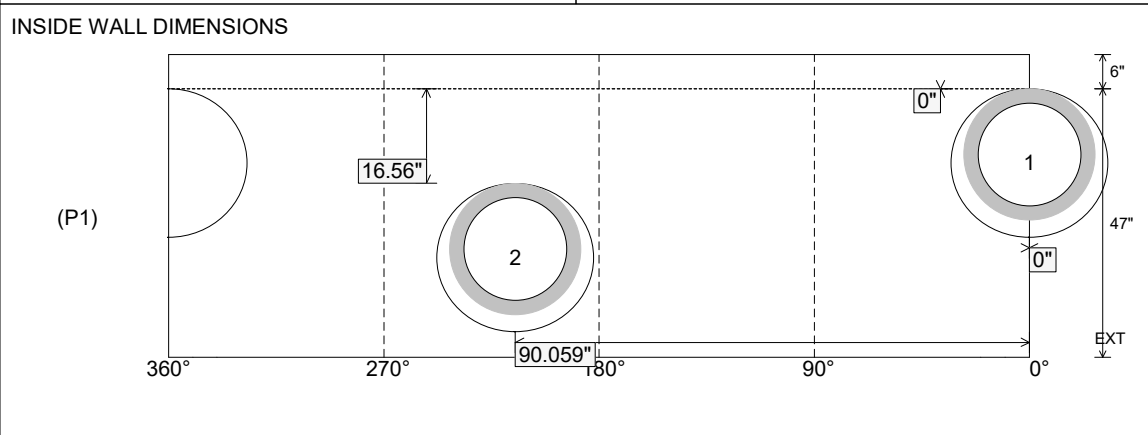
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

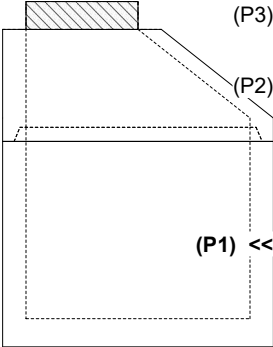


INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 47" Height (Ext): 53"	Weight (Net): 4147 lb Volume (Net): 1.06cu.yd
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Job Name: 25-2649 - The Laurel Assisted Living Facility Job Location: Bowling Green, KY Contractor: Infinity Pipeline, Inc.					Plant: Beaver Dam, KY 10/24/2025 7:27:45 AM		Tech: K. Cardwell PC: E. Bradley			
Structure ID: LS-28										
P1 MH048BAVF		MH BASE Custom Ht T/n								
P3) 24" - CASTING HEIGHT - 6" P2) 48" - ECC CONE w/ 24" HOLE F/G - 24" P1) 48" - MH BASE Custom Ht T/n - 38" 1) CASTING - HOE MC-420 F/C Storm 1) 48" - Conseal CS-202 1.00" 1) Hole - 24 1) Hole - 16 1) Hole - 20 5) MH Step ML-10-TDS-NCR - 10"					0 lb 1550 lb 3567 lb 340 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 5457 lb		Structure Notes: 1. PER ASTM C-478 SPECS 2. CONCRETE: 4,500 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. STEPS AT 250 DEGREES 5. HOE MC-420 FRAME & COVER "STORM" SUPPLIED BY ICAST			
Rim: 552.58' Rim to Invert: 5.84' Slack: 2.08" Sump: 0" Step Position: 250										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	546.74'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	-1.6"	0"
Invert 2	547.11'	83°	42.01"	12" HDPE	14.5"	Hole 16	16"	16.312"	3.19"	0"
Invert 3	546.74'	138°	69.848"	15" HDPE	17.6"	Hole 20	20"	20.629"	-1.3"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

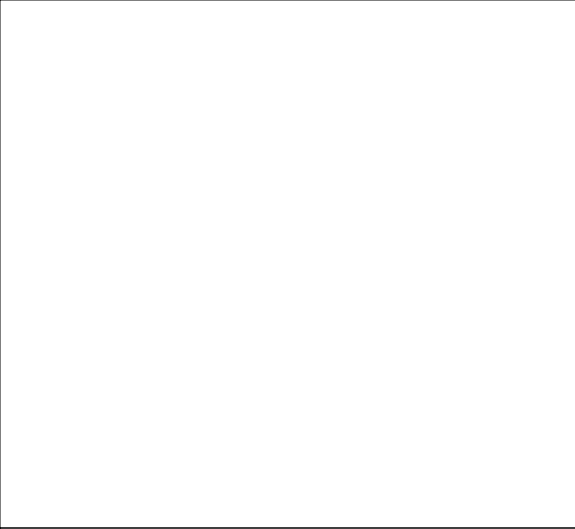


(P3)

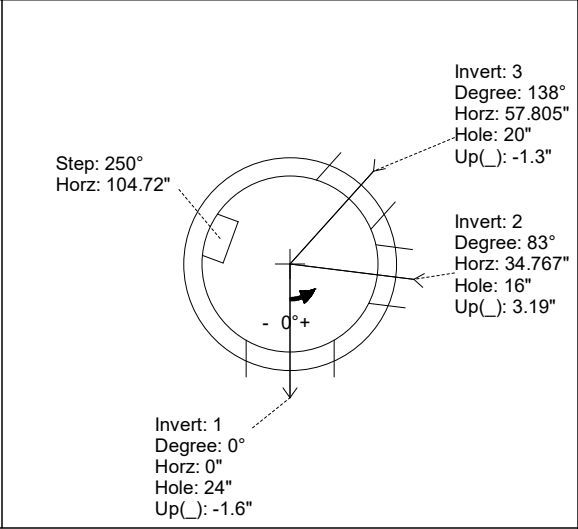
(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



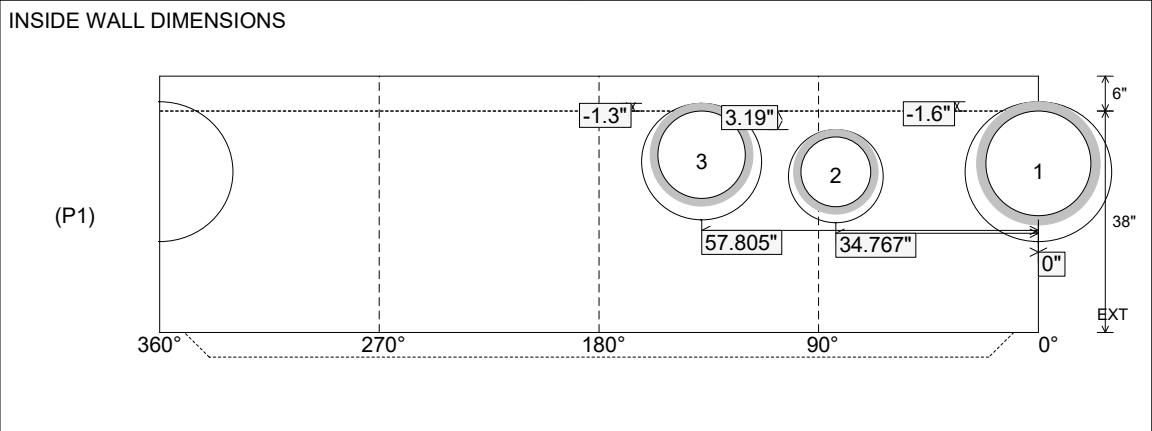
Invert: 3
Degree: 138°
Horz: 57.805"
Hole: 20"
Up(): -1.3"

Invert: 2
Degree: 83°
Horz: 34.767"
Hole: 16"
Up(): 3.19"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 24"
Up(): -1.6"

Step: 250°
Horz: 104.72"

INSIDE WALL DIMENSIONS

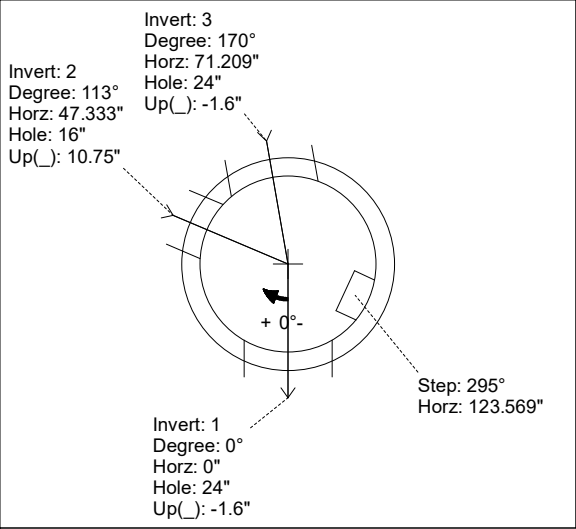


(P1)

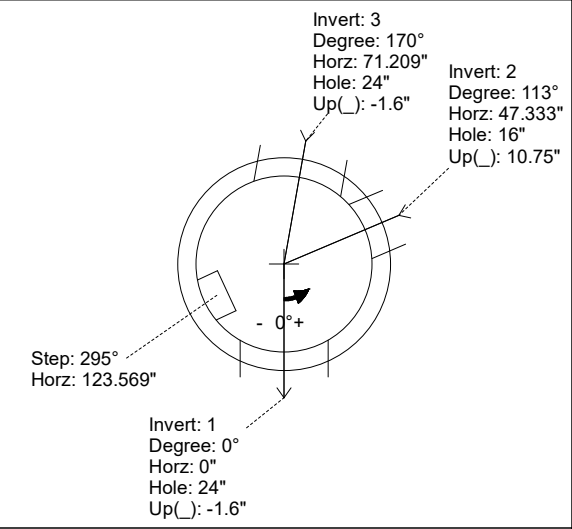
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 38" Height (Ext): 44"	Weight (Net): 3567 lb Volume (Net): 0.91cu.yd
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Job Name: 25-2649 - The Laurel Assisted Living Facility Job Location: Bowling Green, KY Contractor: Infinity Pipeline, Inc.					Plant: Beaver Dam, KY 10/24/2025 7:27:45 AM		Tech: K. Cardwell PC: E. Bradley				
Structure ID: LS-27											
P1 MH048BA36		MH BASE T/n									
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P1) 48" - MH BASE T/n - 36" 1) CASTING - HOE 470 SET LV (F/G/H) 1) 48" - Conseal CS-202 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 24 1) Hole - 16 3) MH Step ML-10-TDS-NCR - 10" Structure Total: 5059 lb						0 lb 1300 lb 3365 lb 394 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb		Structure Notes: 1. PER ASTM C-478 SPECS 2. CONCRETE: 4,500 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. STEPS AT 295 DEGREES 5. HOE 470 FRAME, L-VANE GRATE, & CURB HOOD SUPPLIED BY ICAST			
Rim: 550.97'		Rim to Invert: 4.7'		Slack: 2.4"		Sump: 0"		Step Position: 295°			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	546.27'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	-1.6"	0"	
Invert 2	547.27'	113°	57.194"	12" HDPE	14.5"	Hole 16	16"	16.312"	10.75"	0"	
Invert 3	546.27'	170°	86.045"	18" HDPE	21.2"	Hole 24	24"	25.133"	-1.6"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

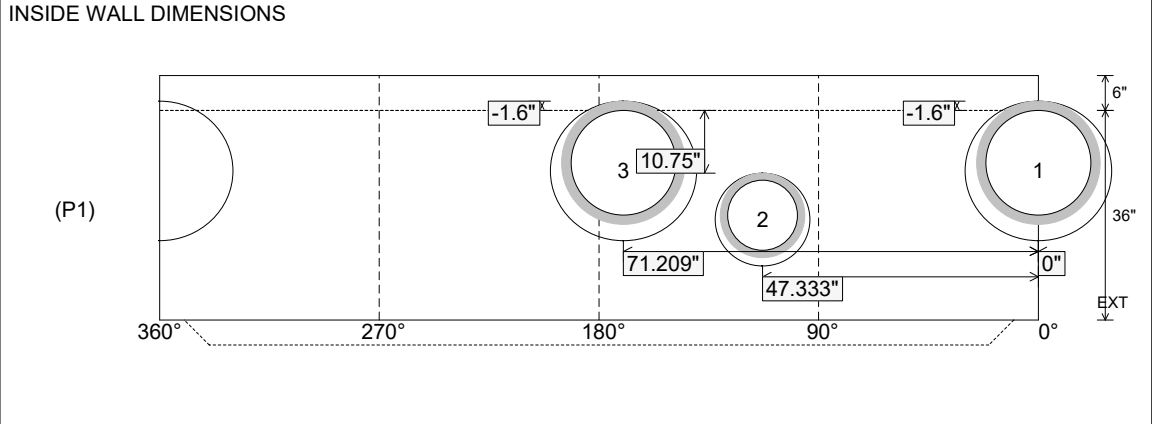
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



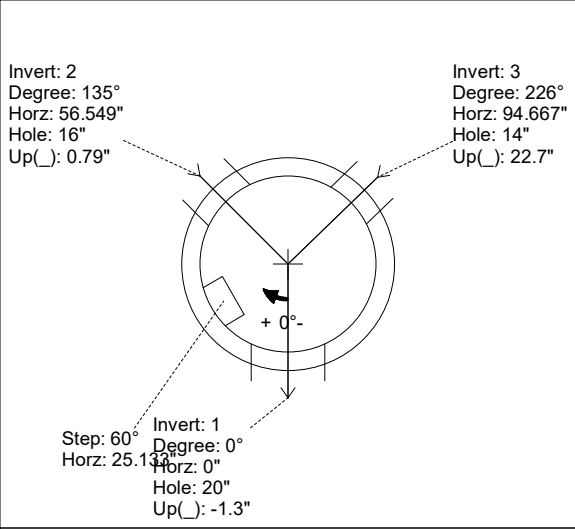
INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 36" Height (Ext): 42"	Weight (Net): 3365 lb Volume (Net): 0.86cu.yd
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Job Name: 25-2649 - The Laurel Assisted Living Facility Job Location: Bowling Green, KY Contractor: Infinity Pipeline, Inc.					Plant: Beaver Dam, KY 10/24/2025 7:27:41 AM		Tech: K. Cardwell PC: E. Bradley				
Structure ID: LS-15											
P1 MH048BA42		MH BASE T/n									
P4) 18" x 18" - CASTING HEIGHT - 4" P3) 18" x 18" - GRADE RING F/F - 3" P2) 48" - MH FLAT TOP w/18"x18" Hole F/G - 12" P1) 48" - MH BASE T/n - 42" 1) CASTING - HOE 165A F/G 1) 48" - Conseal CS-102 1.00" 2) 18" x 18" - Conseal CS-102 1.00" 1) Hole - 20 1) Hole - 16 1) Hole - 14 4) MH Step ML-10-TDS-NCR - 10"						0 lb 209 lb 2334 lb 3978 lb 138 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb Structure Total: 6660 lb		Structure Notes: 1. PER ASTM C-478 SPECS 2. CONCRETE: 4,500 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. STEPS AT 60 DEGREES 5. HOE 165-A FRAME & GRATE SUPPLIED BY ICAST			
Rim: 551.85' Rim to Invert: 5.24' Slack: 1.88" Sump: 0" Step Position: 60											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	546.61'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	-1.3"	0"	
Invert 2	546.78'	135°	68.33"	12" HDPE	14.5"	Hole 16	16"	16.312"	0.79"	0"	
Invert 3	548.56'	226°	114.389"	10" HDPE	11.4"	Hole 14	14"	14.207"	22.7"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

RIGHT-SIDE UP VIEW (int. dimensions)



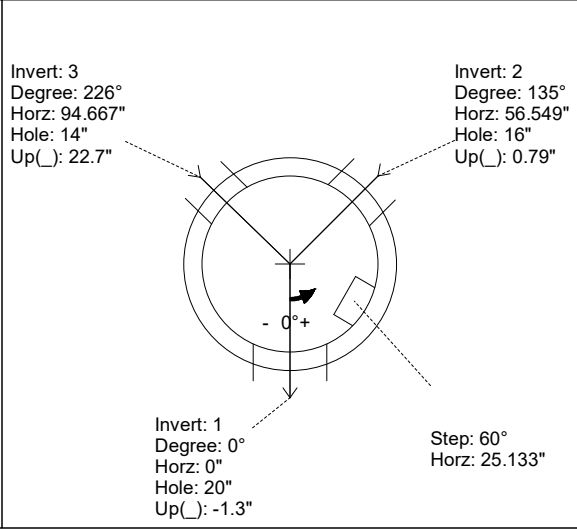
Invert: 2
Degree: 135°
Horz: 56.549"
Hole: 16"
Up(): 0.79"

Invert: 3
Degree: 226°
Horz: 94.667"
Hole: 14"
Up(): 22.7"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 20"
Up(): -1.3"

Step: 60°
Horz: 25.133"

UPSIDE-DOWN VIEW (int. dimensions)



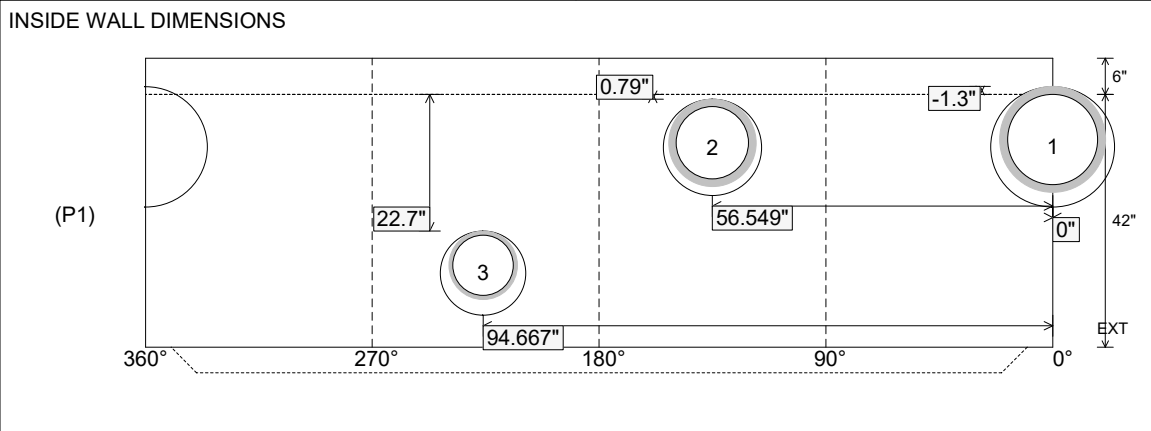
Invert: 3
Degree: 226°
Horz: 94.667"
Hole: 14"
Up(): 22.7"

Invert: 2
Degree: 135°
Horz: 56.549"
Hole: 16"
Up(): 0.79"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 20"
Up(): -1.3"

Step: 60°
Horz: 25.133"

INSIDE WALL DIMENSIONS

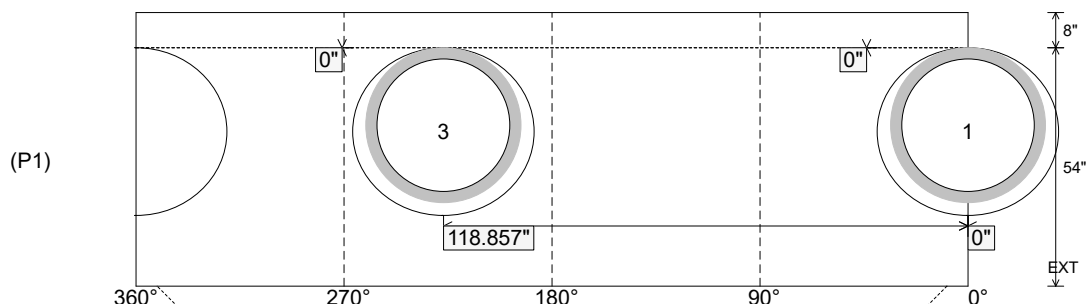
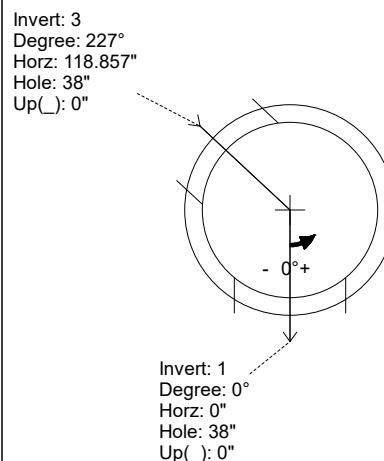
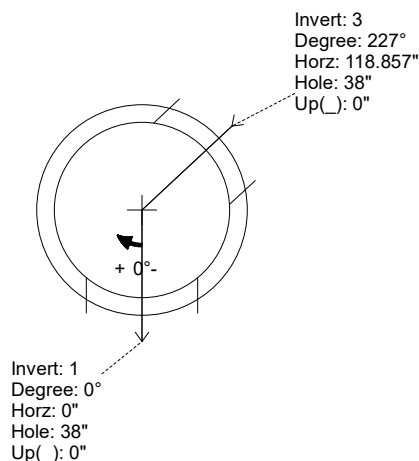
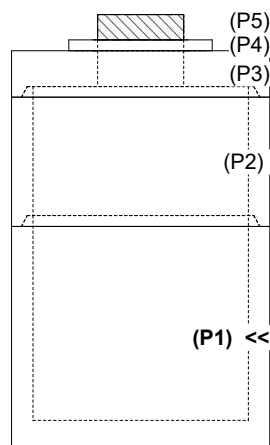


(P1)

360° 270° 180° 90° 0°

EXT

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 42" Height (Ext): 48"	Weight (Net): 3978 lb Volume (Net): 1.02cu.yd
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[illegible]

Weight (Net): 7151 lb
Volume (Net): 1.83cu.yd

Job Name: 25-0199 - Countryview Stormwater Imp. Ph. 3 Sec. 1 Job Location: Henderson, KY 42420 Contractor: Koberstein Contracting, Inc.				Plant: Beaver Dam, KY 10/20/2025 12:27:22 PM		Tech: K. Cardwell PC: E. Bradley				
Structure ID: 105										
P2		MH060RSVF		MH RISER Custom Ht F/G						
P4) 24" - CASTING HEIGHT - 7" P3) 60" - MH FLAT TOP w/24" Ctr. Hole F/F - 8" P2) 60" - MH RISER Custom Ht F/G - 37" P1) 60" - MH BASE T/n - 48" 2) 60" - Conseal CS-102 1.00" 2) Hole - 38 1) DOGHOUSE INVRTD - 16"x15"						0 lb 2429 lb 3749 lb 6524 lb 0 lb 0 lb 0 lb ----- 0 lb Structure Total: 12703 lb		Structure Notes: STATION: 3+18 LN A 1. PER ASTM C-478 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. NO STEPS 5. 7" CASTING SUPPLIED BY OTHERS		
Rim: 376.5'		Rim to Invert: 8.3'		Slack: 2.15"		Sump: 2.55"		Step Position:		
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2	373.88'	108°	67.858"	12" ADS N-12	14.5"	DOGHOUSE INVRTD 16"x15"	16" x 15"	16.196"	16.71"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P4)

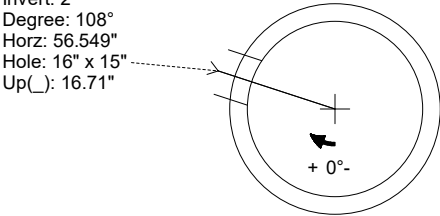
(P3)

(P2) <<

(P1)

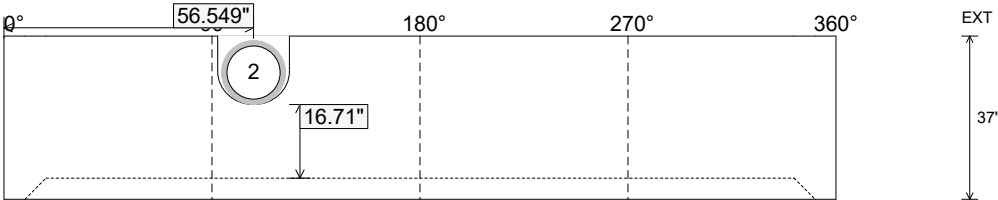
RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 108°
Horz: 56.549"
Hole: 16" x 15"
Up(): 16.71"



INSIDE WALL DIMENSIONS

(P2)



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 6" Floor Height: 0"	Height (Int): 37" Height (Ext): 37"	Weight (Net): 3749 lb Volume (Net): 0.96cu.yd
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Job Name: 25-0199 - Countryview Stormwater Imp. Ph. 3 Sec. 1 Job Location: Henderson, KY 42420 Contractor: Koberstein Contracting, Inc.					Plant: Beaver Dam, KY 10/20/2025 12:27:21 PM		Tech: K. Cardwell PC: E. Bradley				
Structure ID: 106											
P2		MH060RS36S		MH RISER SPECIAL T/G							
P5) 24" - CASTING HEIGHT - 7" P4) 24" - GRADE RING F/F - 3" P3) 60" - MH FLAT TOP w/24" Ctr. Hole F/G - 13" P2) 60" - MH RISER SPECIAL T/G - 36" P1) 60" - MH BASE T/n - 54" 2) 60" - Conseal CS-102 1.00" 2) Hole - 38 2) Hole - 16						0 lb 202 lb 2674 lb 3554 lb 7151 lb 0 lb 0 lb 0 lb ----- 13580 lb Structure Total:		Structure Notes: STATION: 3+84 LN A 1. PER ASTM C-478 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. NO STEPS 5. 7" CASTING SUPPLIED BY OTHERS			
Rim: 377.81' Rim to Invert: 9.39' Slack: 2.23" Sump: 2.55" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1											
Invert 2	373.8'	109°	68.487"	12" ADS N-12	14.5"	Hole 16	16"	16.196"	7.11"	0"	
Invert 3											
Invert 4	373.8'	293°	184.097"	12" ADS N-12	14.5"	Hole 16	16"	16.196"	7.11"	0"	
Invert 5											
Invert 6											
Invert 7											
Invert 8											

(P5)

(P4)

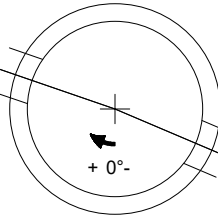
(P3)

(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 109°
Horz: 57.072"
Hole: 16"
Up(): 7.11"



Invert: 4
Degree: 293°
Horz: 153.414"
Hole: 16"
Up(): 7.11"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

57.072"

153.414"

2

4

7.11"

7.11"

(P2)

EXT
36"

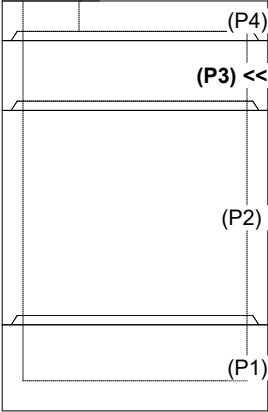
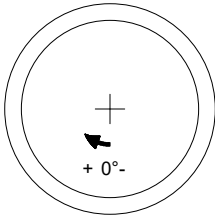
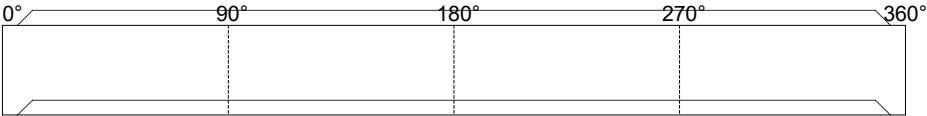
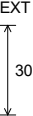
Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 6"
Floor Height: 0"

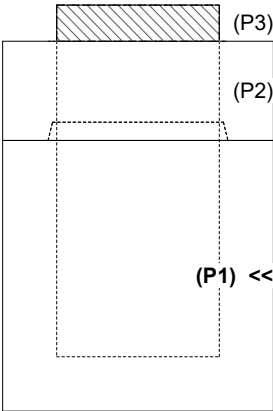
Height (Int): 36"
Height (Ext): 36"

Weight (Net): 3554 lb
Volume (Net): 0.91cu.yd

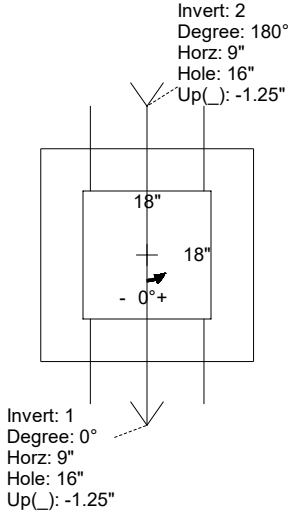
Job Name: 25-3424 - 842654 The Village At Lemons Mill Job Location: Georgetown, KY Contractor: Contech Engineering Solutions					Plant: Beaver Dam 10/17/2025 12:07:46 PM		Tech: J. Coppage PC: T. Sekula				
Structure ID: 15-CS-8											
P3 MH096RSVF			MH RISER Custom Ht								
P4) 96" - MH FLAT TOP SPEC. (2 - 24"ø F&G) - 17" P3) 96" - MH RISER Custom Ht - 30" P2) 96" - MH RISER Custom Ht - 92" P1) 96" - MH MONOBASE 13F, Custom Ht - 24" 1) PSASSEMBLY 1) CVSTENCILING 2) Hole - 32					10017 lb 7474 lb 21684 lb 17113 lb 0 lb 0 lb 0 lb ----- Structure Total: 56288 lb		Structure Notes: (4" TALL CASTINGS PROVIDED BY OTHERS) CASTING FRAMES TO BE CAST INTO THE TOP SLAB ICAST TO INSTALL THE INTERNAL BRACKETS INTERNAL COMPONENTS TO BE INSTALLED ON SITE BY CONTECH FIELD CONSULTANT CONTECH'S LOGO AS WELL AS THE INLET AND THE OUTLET MUST BE STENCILED ONTO THE STRUCTURE				
Rim: 868.69' Rim to Invert: 6.69' Slack: -0.72" Sump: 82" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1											
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions)											
											
INSIDE WALL DIMENSIONS											
											
Coating (Int): Coating (Ext):				Seam Up: Tongue Seam Dn: Groove		Wall Thickness: 9" Floor Height: 0"		Height (Int): 30" Height (Ext): 30"		Weight (Net): 7474 lb Volume (Net): 1.91cu.yd	

Job Name: 25-2649 - The Laurel Assisted Living Facility Job Location: Bowling Green, KY Contractor: Infinity Pipeline, Inc.					Plant: Beaver Dam, KY 10/24/2025 7:27:43 AM		Tech: K. Cardwell PC: E. Bradley				
Structure ID: LS-17											
P1		BX1818-06BA24		BOX BASE 6inW, 6inF T/n							
P3) 18" x 18" - CASTING HEIGHT - 4" P2) 18" x 18" - BOX RISER 6inW, Variable Ht F/G - 11" P1) 18" x 18" - BOX BASE 6inW, 6inF T/n - 24" 1) CASTING - HOE 165A F/G 2) 18" x 18" - Conseal CS-102 1.00" 2) Hole - 16						0 lb 532 lb 1411 lb 138 lb 0 lb 0 lb ----- 2080 lb Structure Total:		Structure Notes: 1. PER ASTM C-913 SPECS 2. CONCRETE: 4,500 PSI AT 28 DAYS 3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. HOE 165-A FRAME & GRATE SUPPLIED BY ICAST			
Rim: 550.85' Rim to Invert: 3.41' Slack: 1.92" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	547.44'	0°	15"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"	
Invert 2	547.44'	180°	15"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

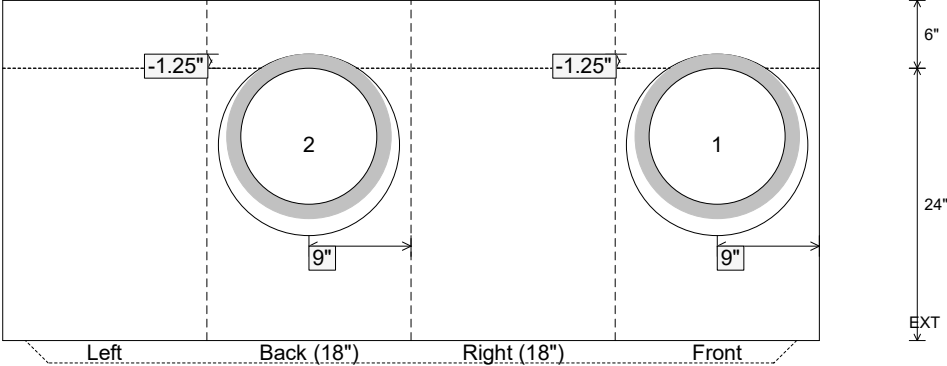
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 1411 lb Volume (Net): 0.36cu.yd
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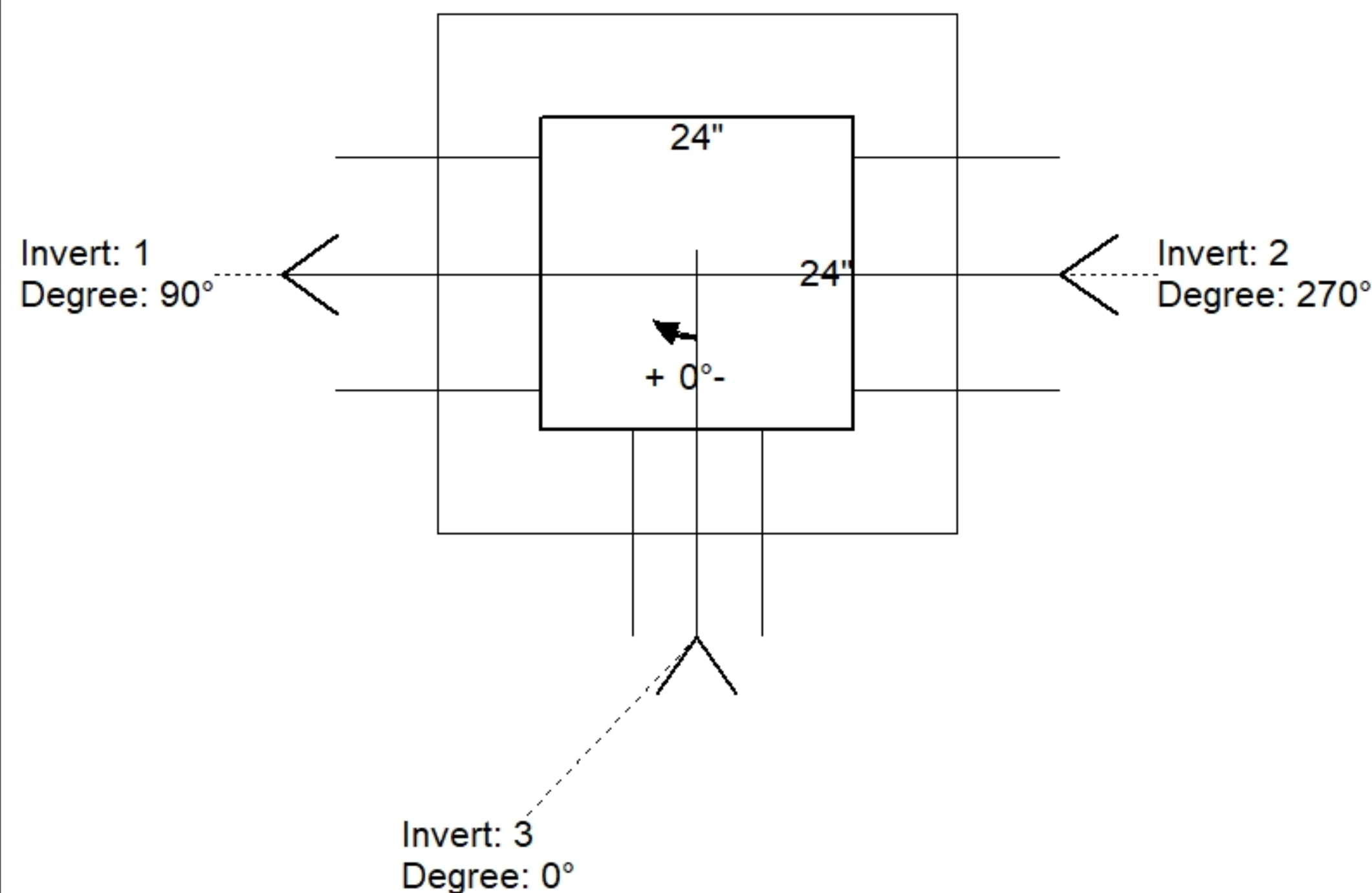
Contractor: S&J Excavation

Plant: Beaver Dam

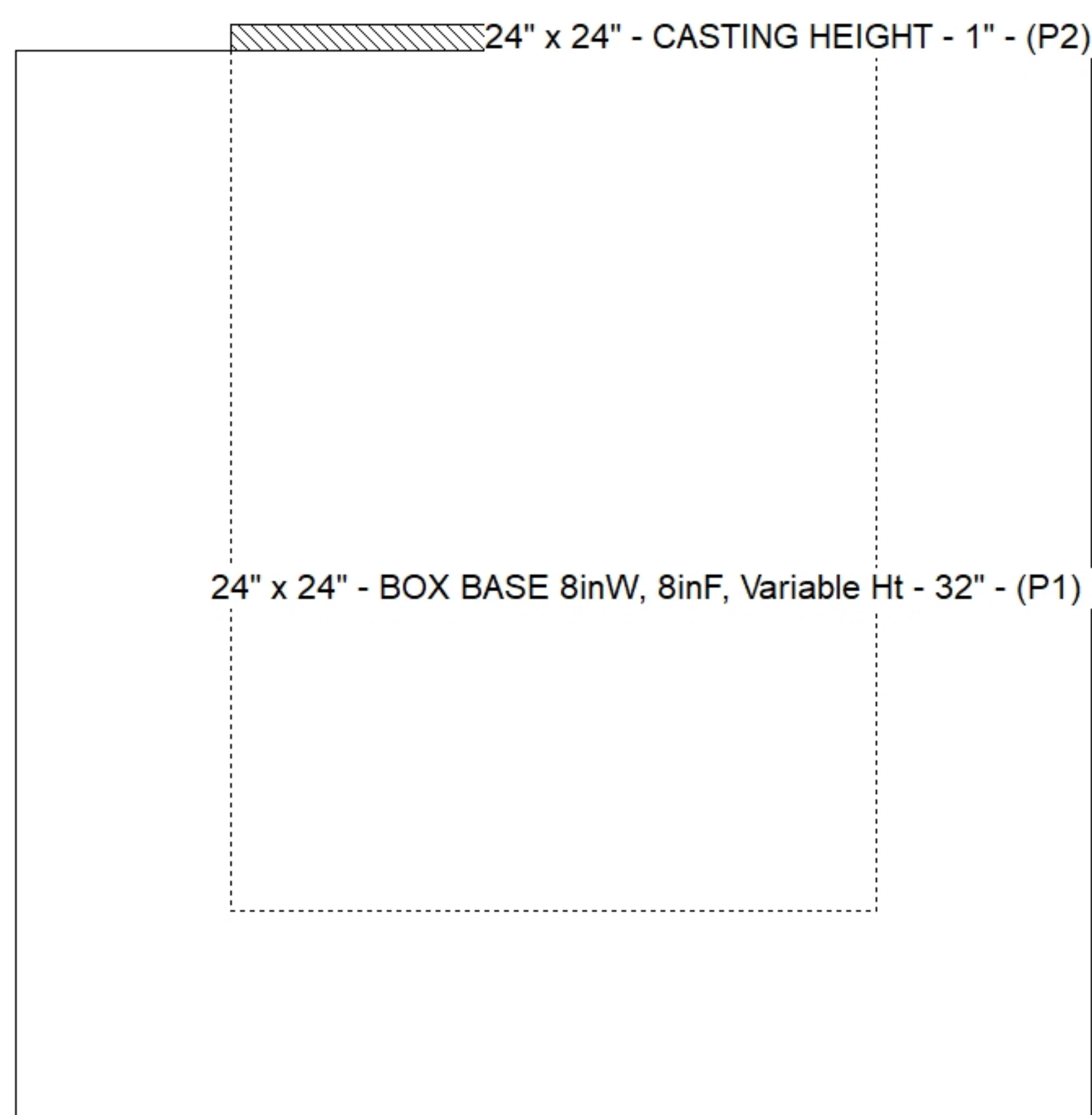


Slack: 0.6"

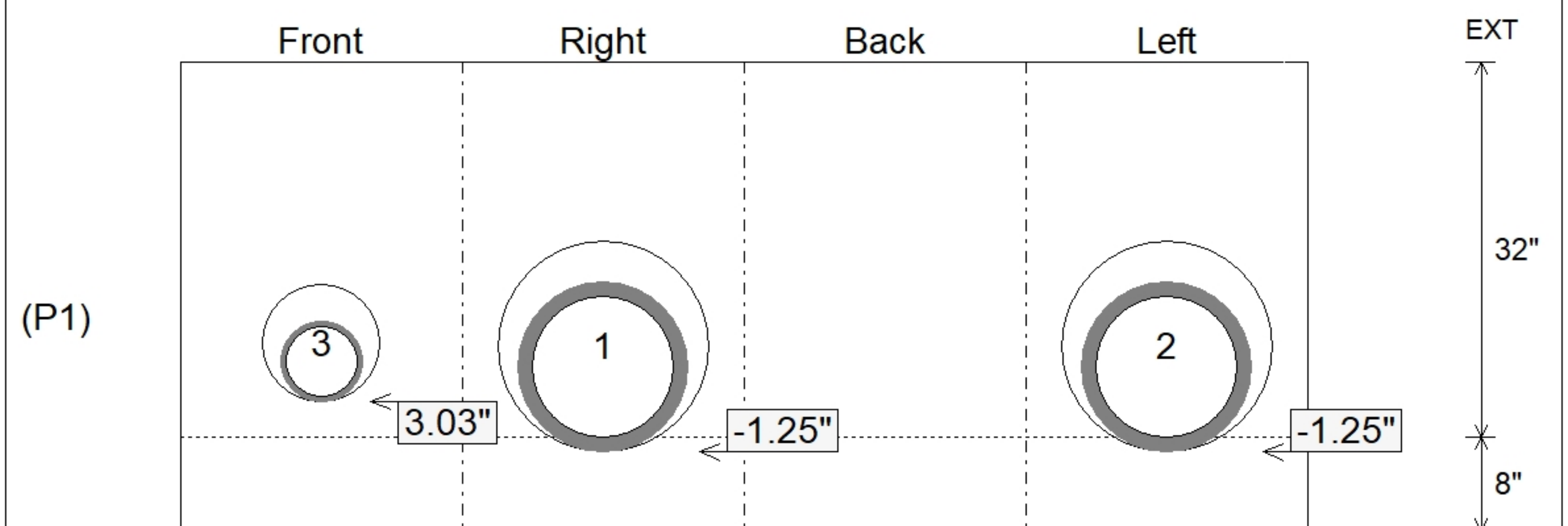
Structure Total: 3679 lb



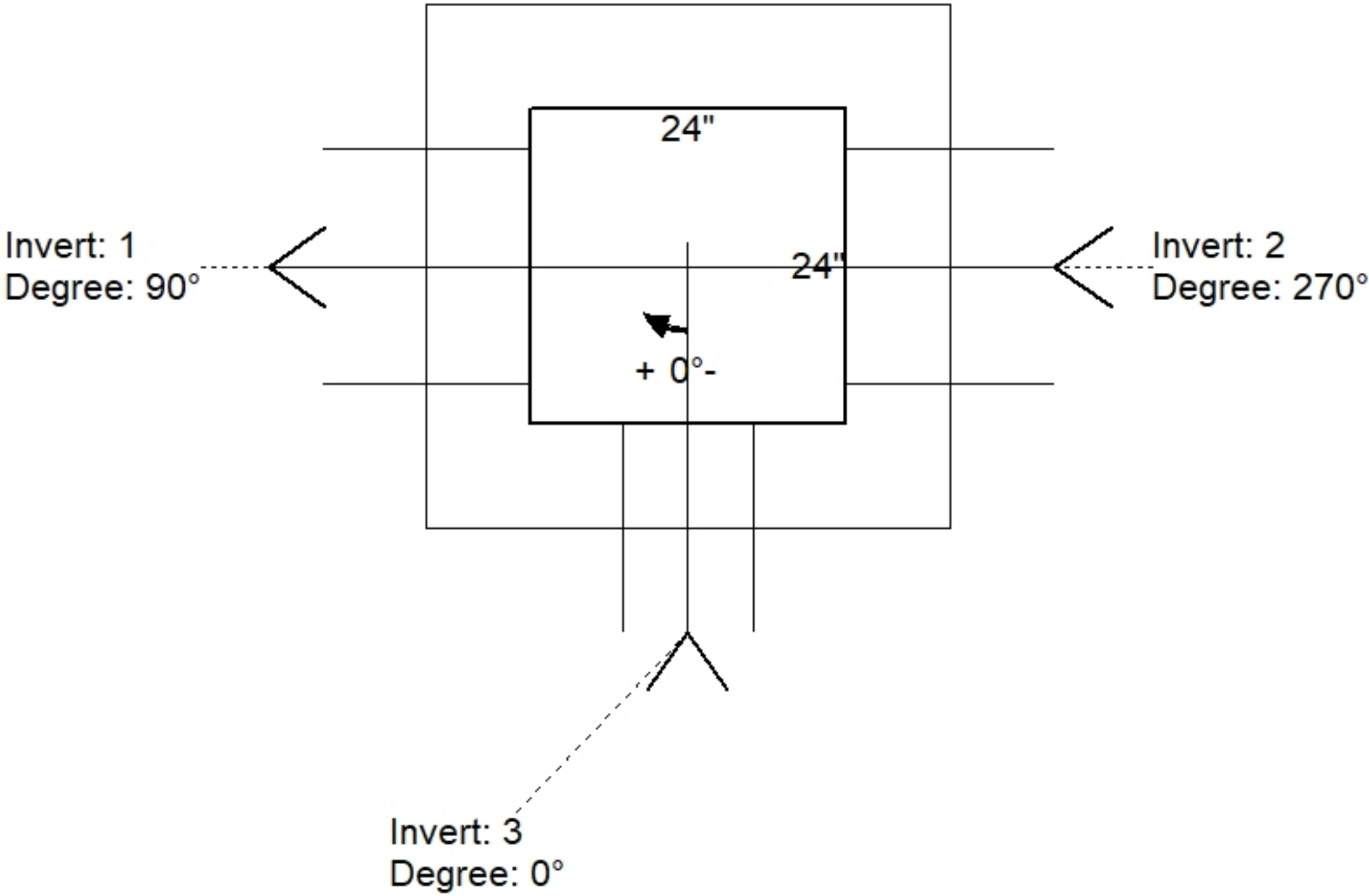
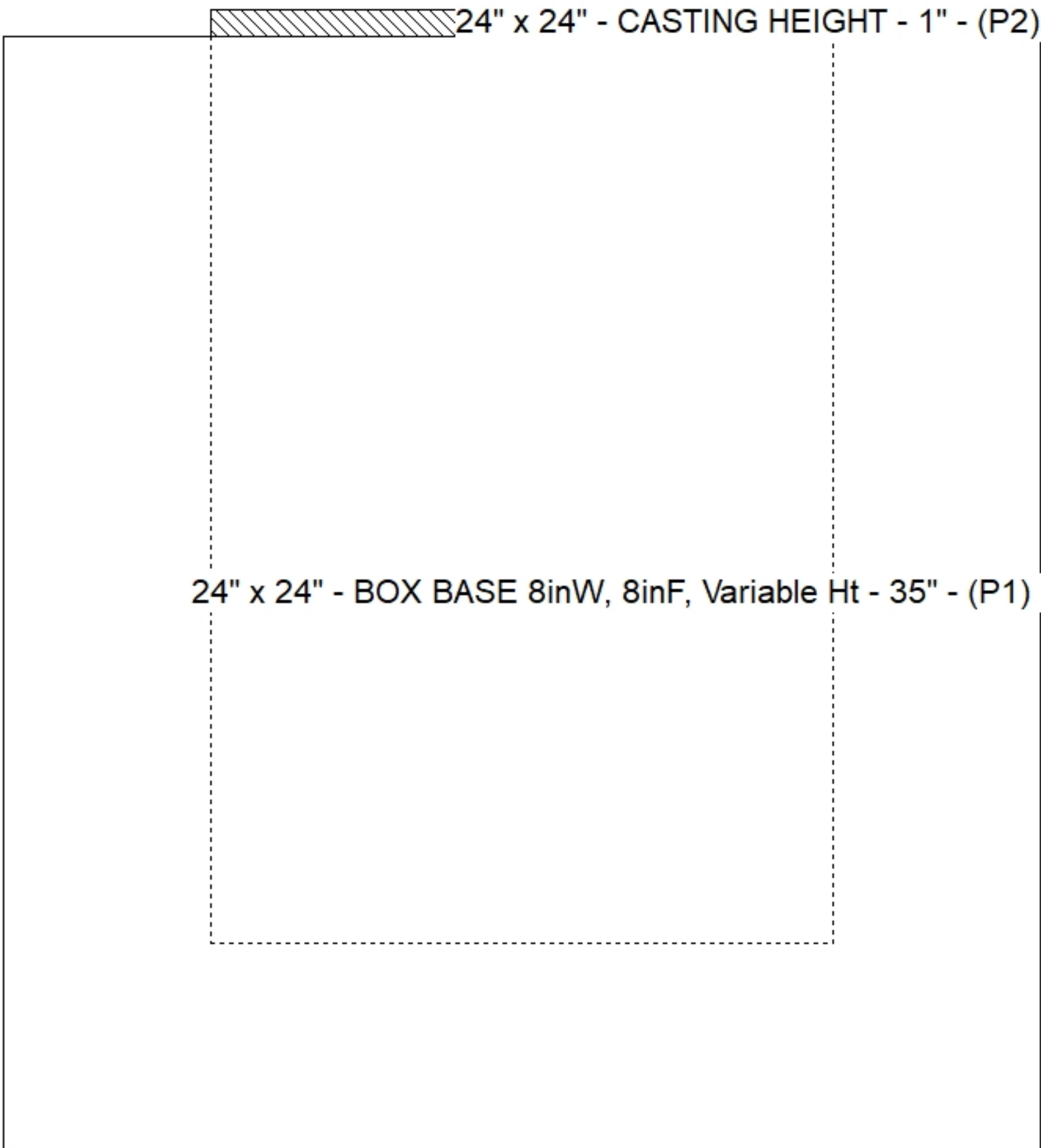
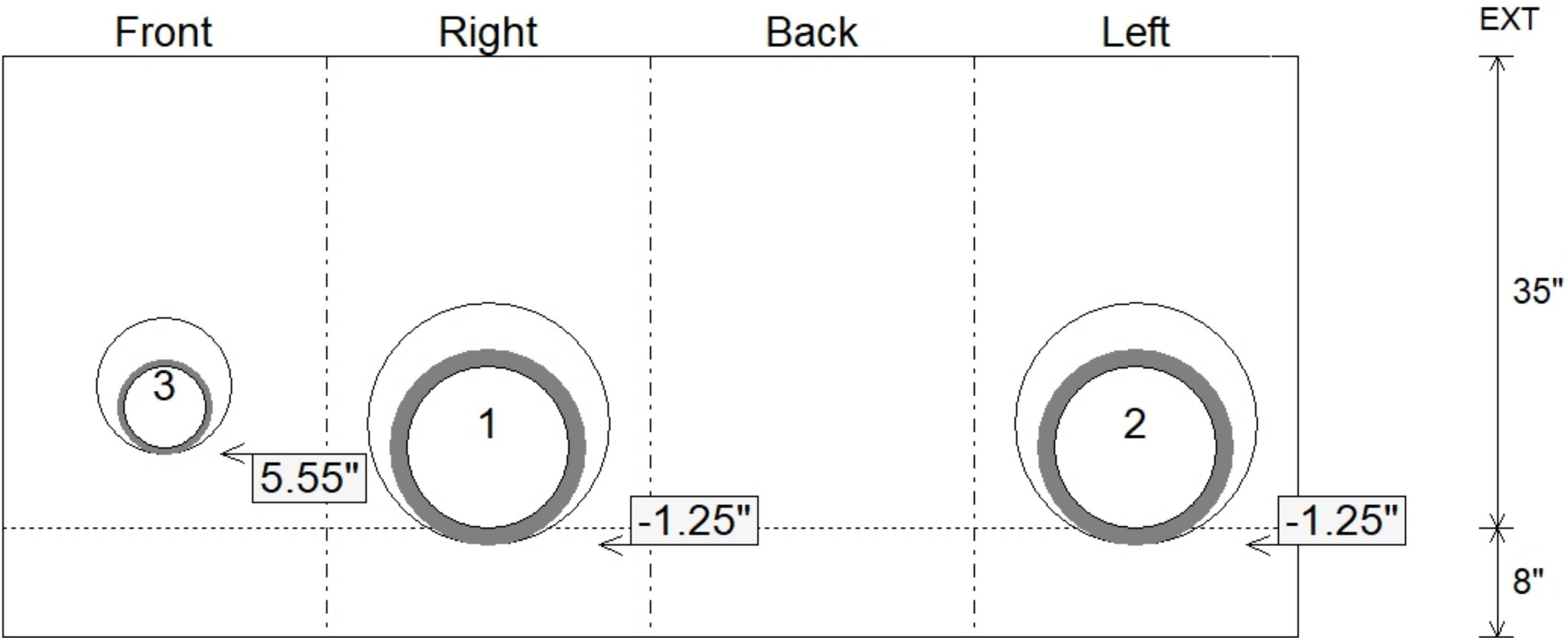
Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	642.78'							
Reducer								
Invert 1	639.98'	90°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1
Invert 2	639.98'	270°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1
Invert 3	640.27'	0°	6" HDPE	6.9"	10"	Hole 10	3.03"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



SUBMITTAL
APPROVED BY:

Job Name: 25-2644 Limestone Edge Apartments Job Location: Bedford, IN Contractor: S&J Excavation				PC: J. Jarvis TECH: J. Coppage Plant: Beaver Dam																																																																																																								
Structure ID: STR-17 Spec: INDOT Type: INLET TYPE A Size: 24" x 24"				Rim: 643.52' Invert: 640.47' Rim to Invert: 3.05'		Sump: 0" Floor (Top): 640.47' Floor Height: 8"		Floor (Bot): 639.803' Overall Height: 3.667' Slack: 0.6"																																																																																																				
Structure Notes: 1. EJ-6500 GRATE PROVIDED BY ICAST. 2. INDOT INLET TYPE A / ASTM C913 SPEC'S. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. 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.				STRUCTURE SUMMARY: P2) 24" x 24" - CASTING HEIGHT - 1" P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht - 35" 1) CASTING - EJ 6500 GRT 1) 24" x 24" - Conseal CS-102 1.00" 2) Hole - 18 1) Hole - 10 0 lb 3687 lb 250 lb 0 lb 0 lb 0 lb ----- Structure Total: 3937 lb																																																																																																								
				<table><tr><th>Position</th><th>Elev</th><th>Angle</th><th>Pipe</th><th>Pipe OD</th><th>Hole</th><th>Connector</th><th>Up ()</th><th>Ref</th></tr><tr><td>Rim</td><td>643.52'</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Reducer</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 1</td><td>640.47'</td><td>90°</td><td>12" HDPE</td><td>14.5"</td><td>18"</td><td>Hole 18</td><td>-1.25"</td><td>P1</td></tr><tr><td>Invert 2</td><td>640.47'</td><td>270°</td><td>12" HDPE</td><td>14.5"</td><td>18"</td><td>Hole 18</td><td>-1.25"</td><td>P1</td></tr><tr><td>Invert 3</td><td>640.97'</td><td>0°</td><td>6" HDPE</td><td>6.9"</td><td>10"</td><td>Hole 10</td><td>5.55"</td><td>P1</td></tr><tr><td>Invert 4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref	Rim	643.52'								Reducer									Invert 1	640.47'	90°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1	Invert 2	640.47'	270°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1	Invert 3	640.97'	0°	6" HDPE	6.9"	10"	Hole 10	5.55"	P1	Invert 4									Invert 5									Invert 6									Invert 7									Invert 8								
Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref																																																																																																				
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				Default - Interior Dimensions (P1) 																																																																																																								
Submittal Drawing 10/13/2025 9:11:13 AM				SUBMITTAL APPROVED BY:																																																																																																								

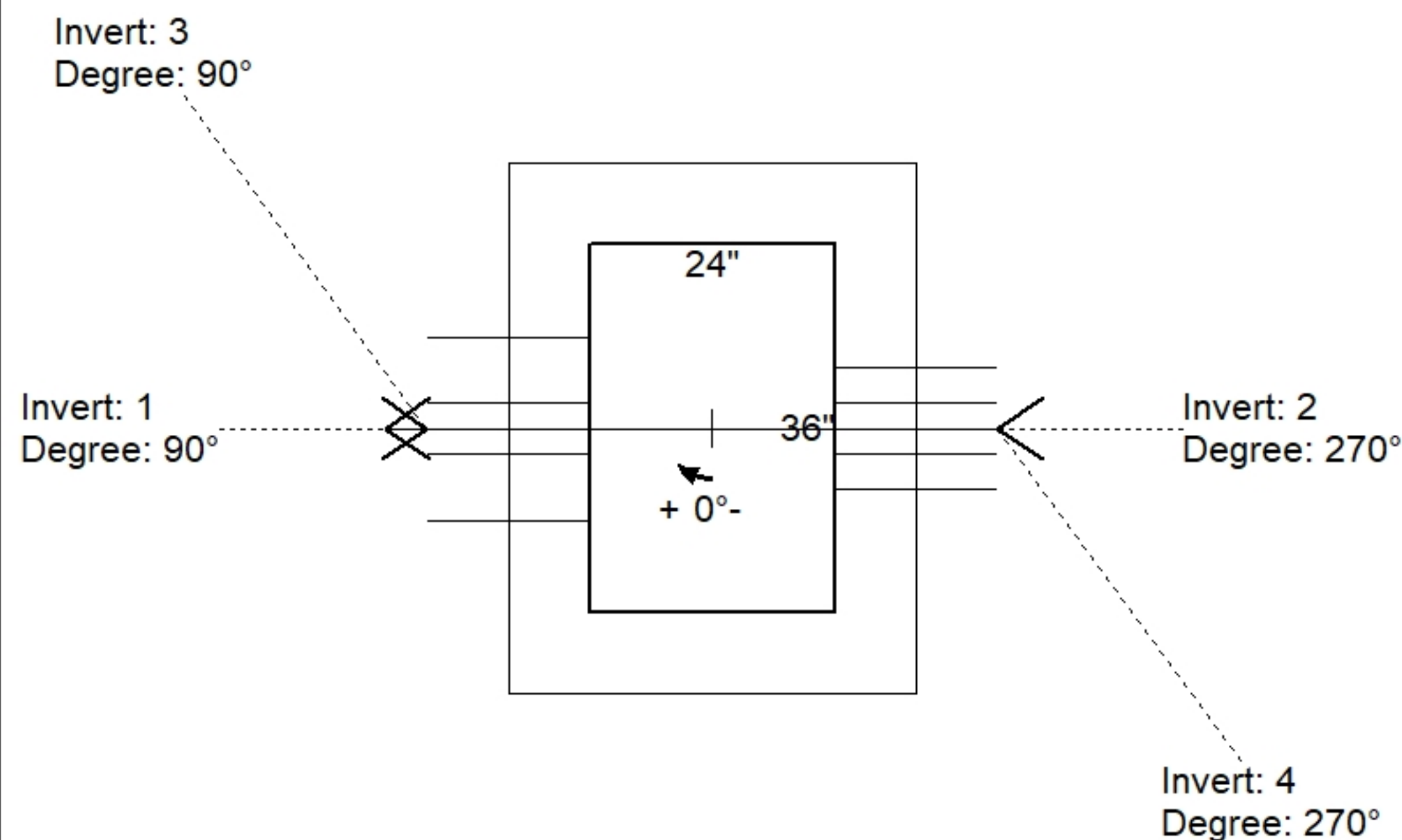
Contractor: S&J Excavation

Plant: Beaver Dam

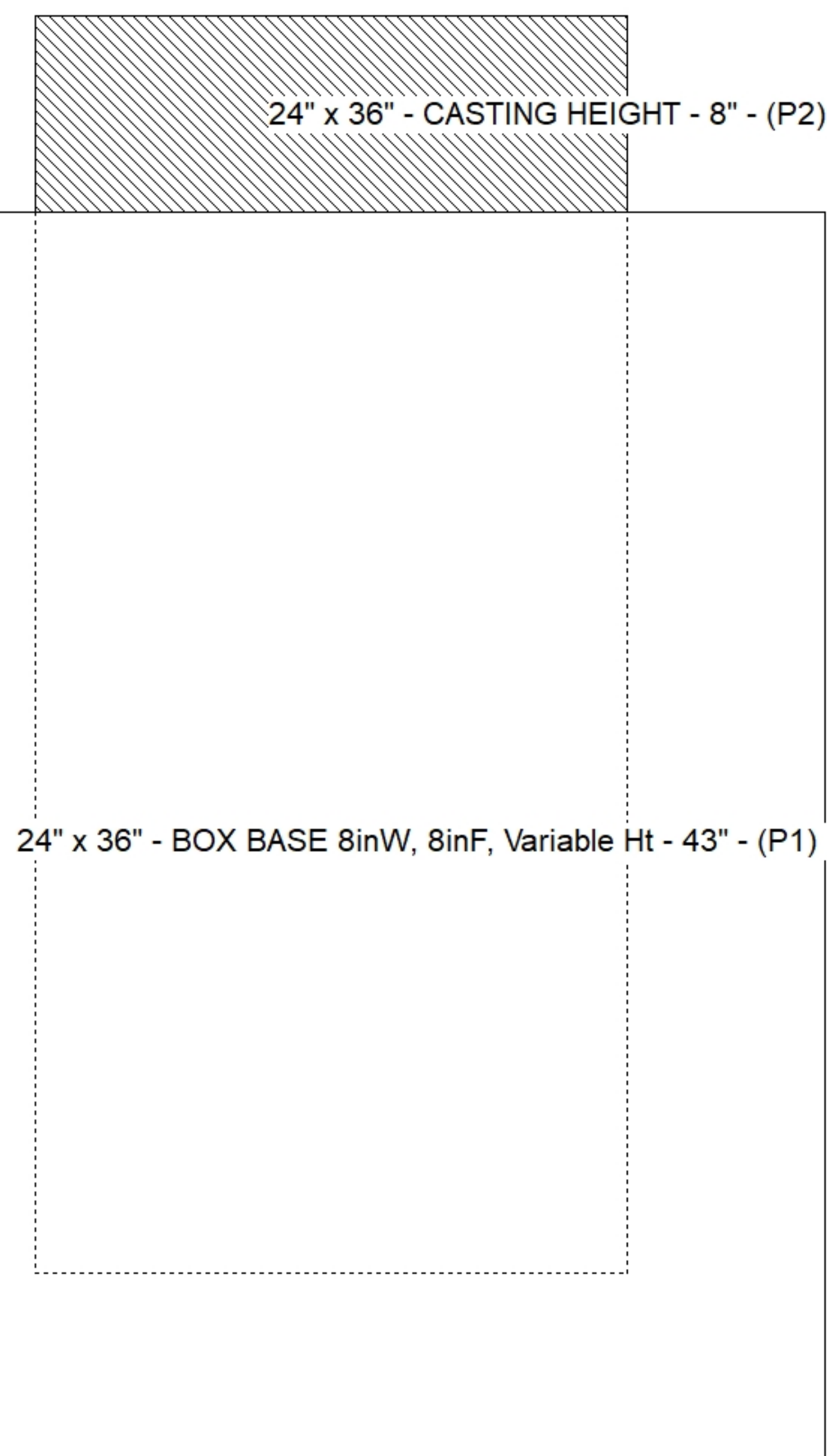


Slack: 0"

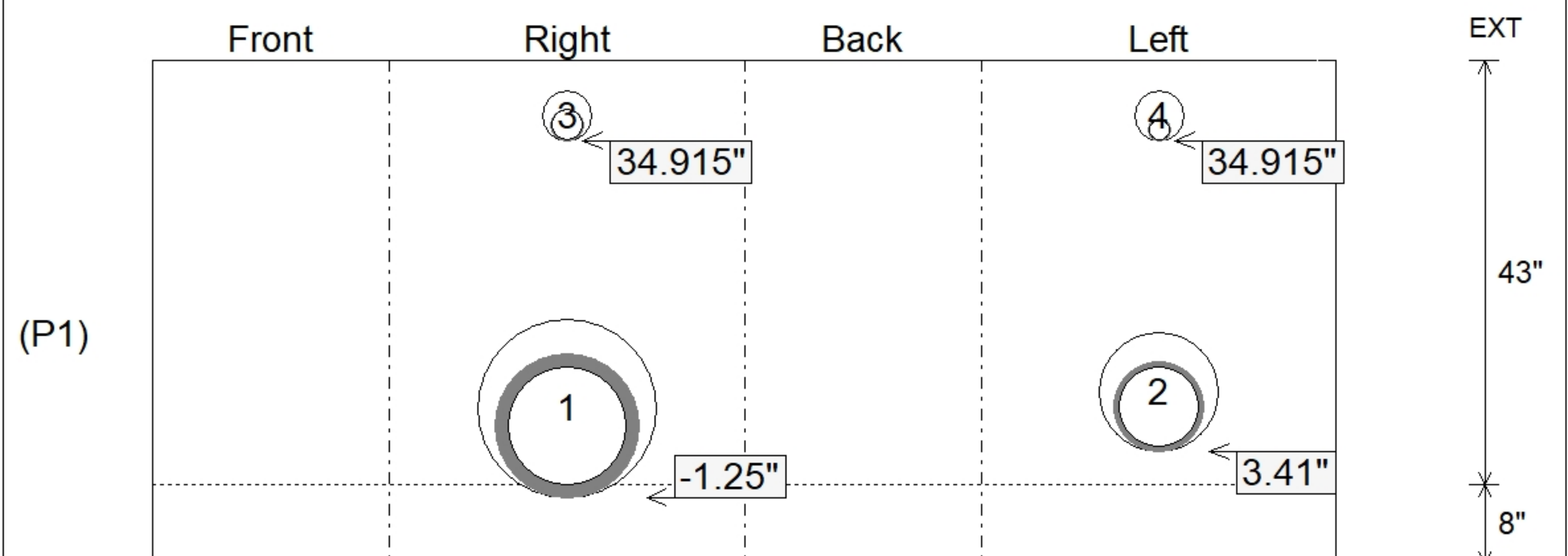
Structure Total:	5953 lb
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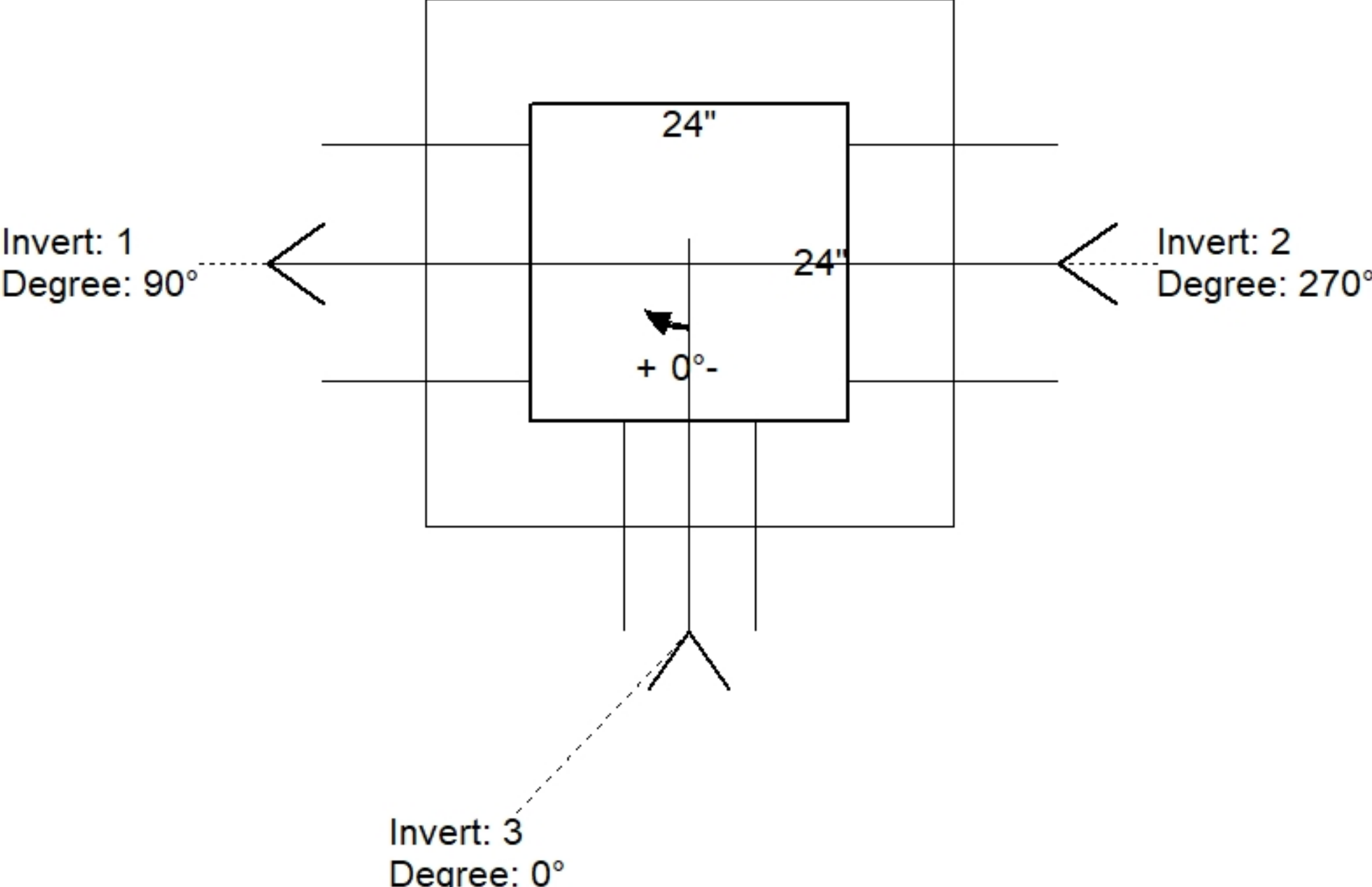
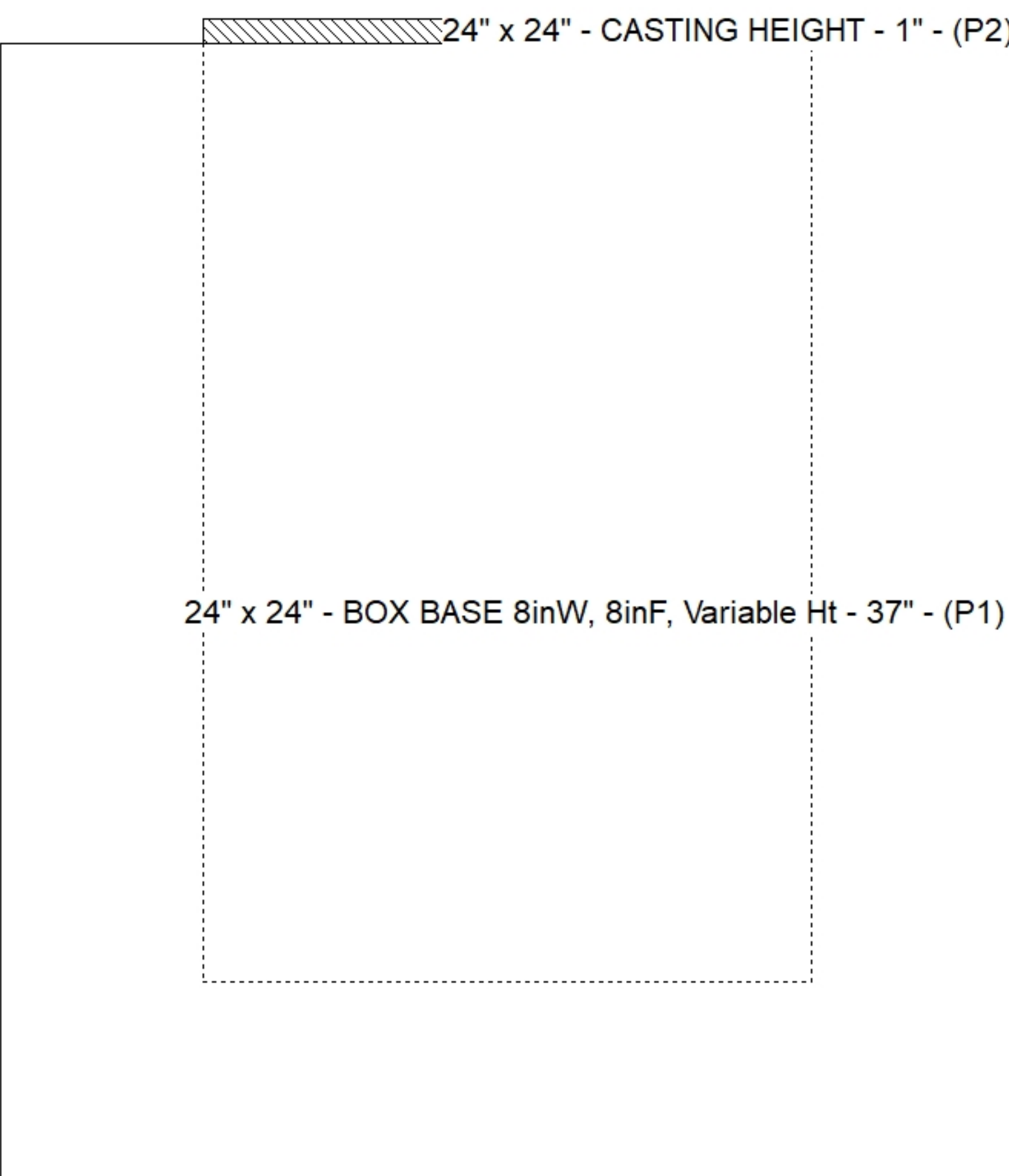
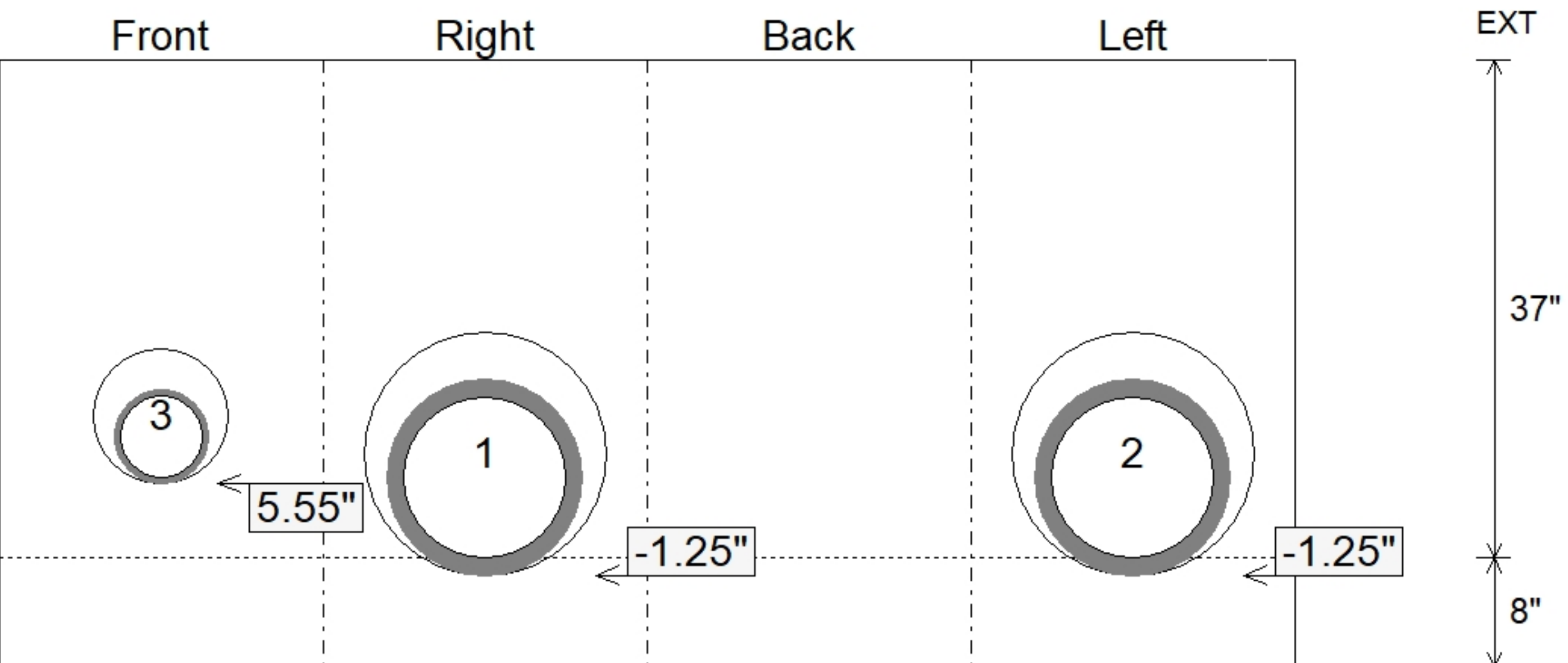
Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	643.68'							
Reducer								
Invert 1	639.43'	90°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1
Invert 2	639.76'	270°	8" HDPE	9.1"	12"	Hole 12	3.41"	P1
Invert 3	642.35'	90°	3" PVC SDR35	3.25"	5"	Hole 5	34.915"	P1
Invert 4	642.35'	270°	2" PVC SDR35	2.25"	5"	Hole 5	34.915"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



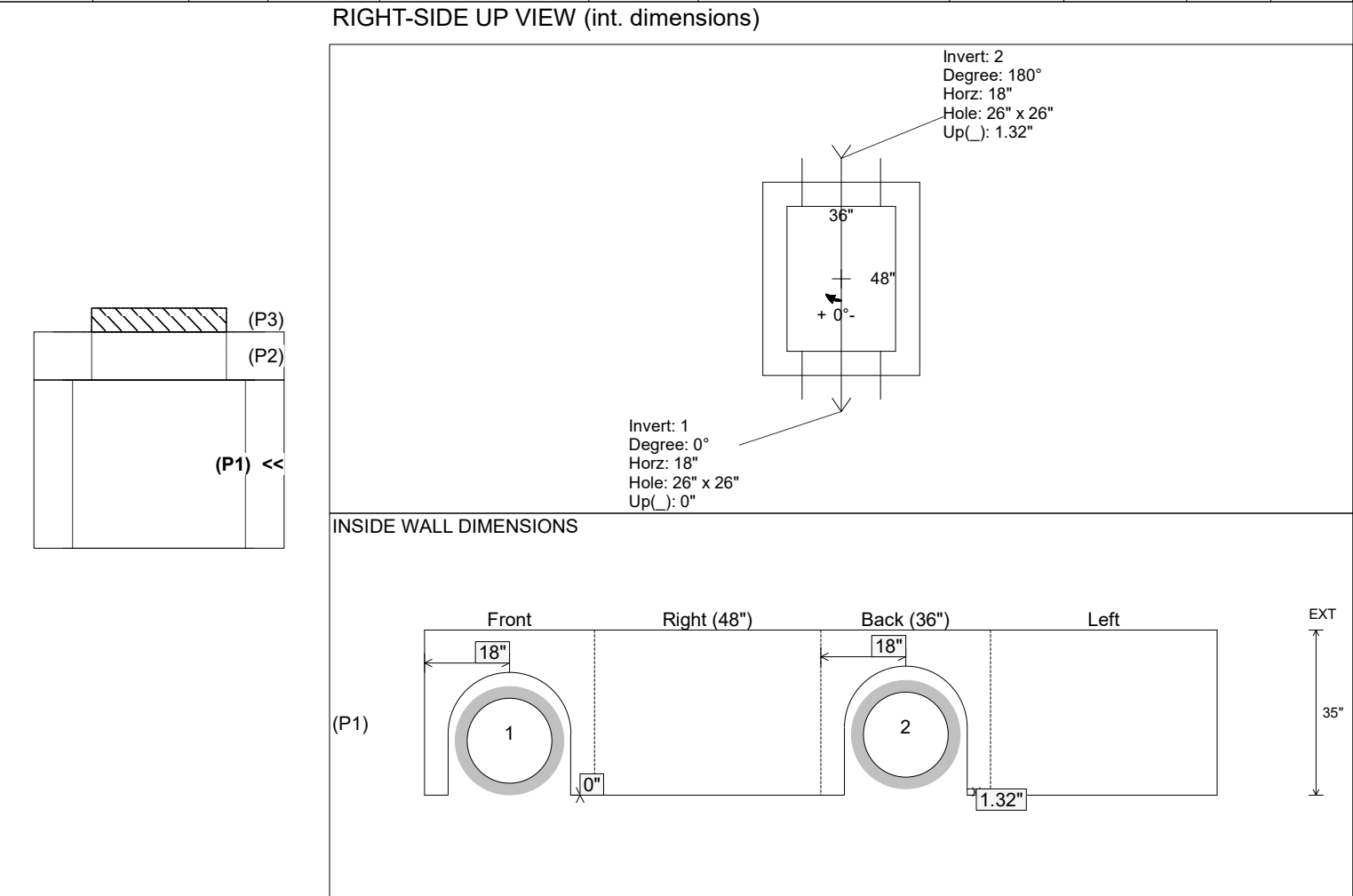
SUBMITTAL
APPROVED BY:

Job Name: 25-2644 Limestone Edge Apartments Job Location: Bedford, IN Contractor: S&J Excavation				PC: J. Jarvis TECH: J. Coppage Plant: Beaver Dam																																																																																																								
Structure ID: STR-18 Spec: INDOT Type: INLET TYPE A Size: 24" x 24"				Rim: 644.25' Invert: 641.02' Rim to Invert: 3.23'		Sump: 0" Floor (Top): 641.02' Floor Height: 8"		Floor (Bot): 640.353' Overall Height: 3.833' Slack: 0.76"																																																																																																				
Structure Notes: 1. EJ-6500 GRATE PROVIDED BY ICAST. 2. INDOT INLET TYPE A / ASTM C913 SPEC'S. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. 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.				STRUCTURE SUMMARY: P2) 24" x 24" - CASTING HEIGHT - 1" P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht - 37" 1) CASTING - EJ 6500 GRT 1) 24" x 24" - Conseal CS-102 1.00" 2) Hole - 18 1) Hole - 10 0 lb 3859 lb 250 lb 0 lb 0 lb 0 lb ----- Structure Total: 4109 lb																																																																																																								
				<table><tr><th>Position</th><th>Elev</th><th>Angle</th><th>Pipe</th><th>Pipe OD</th><th>Hole</th><th>Connector</th><th>Up ()</th><th>Ref</th></tr><tr><td>Rim</td><td>644.25'</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Reducer</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 1</td><td>641.02'</td><td>90°</td><td>12" HDPE</td><td>14.5"</td><td>18"</td><td>Hole 18</td><td>-1.25"</td><td>P1</td></tr><tr><td>Invert 2</td><td>641.02'</td><td>270°</td><td>12" HDPE</td><td>14.5"</td><td>18"</td><td>Hole 18</td><td>-1.25"</td><td>P1</td></tr><tr><td>Invert 3</td><td>641.52'</td><td>0°</td><td>6" HDPE</td><td>6.9"</td><td>10"</td><td>Hole 10</td><td>5.55"</td><td>P1</td></tr><tr><td>Invert 4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Invert 8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref	Rim	644.25'								Reducer									Invert 1	641.02'	90°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1	Invert 2	641.02'	270°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1	Invert 3	641.52'	0°	6" HDPE	6.9"	10"	Hole 10	5.55"	P1	Invert 4									Invert 5									Invert 6									Invert 7									Invert 8								
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				Default - Interior Dimensions (P1) 																																																																																																								
				Submittal Drawing 10/13/2025 9:11:14 AM		SUBMITTAL APPROVED BY:																																																																																																						

3) 28" x 34" - CASTING HEIGHT - 5"					0 lb	Structure Notes: 1. JBS-3123 MODIFIED PROVIDED BY ICAST. 2. PER TDOT D-CB-12 / ASTM C913 SPEC'S. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. REINFORCING PER ASTM A615 (GRADE 60). ** SEE TDOT STD DRAWING D-CB-12 ** - TOP SLAB - DBL MAT #5 BARS. - WALLS (As .47) #5 BARS AT 8" C.C.E.W. - FLOOR (As .47) #5 BARS AT 8" C.C.E.W. 5. OPEN BOTTOM FLOOR TO BE POURED IN THE FIELD BY OTHERS.
2) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) - 10"					2044 lb	
1) 36" x 48" - BOX RISER 8inW, Variable Ht FB - 35"					3866 lb	
) 36" x 48" - Conseal CS-102 1.00"					0 lb	
) 28" x 34" - Conseal CS-102 1.00"					0 lb	
) DOGHOUSE - 26"x26"					0 lb	

Structure Total:					5909 lb	
Rim: 602.1'	Rim to Invert: 4'	Slack: 0.5"	Sump: 0"	Step Position:		

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	598.1'	0°	26"	18" RCP B WALL	23"	DOGHOUSE 26"x26"	26" x 26"	26"	0"	0"
Invert 2	598.21'	180°	26"	18" RCP B WALL	23"	DOGHOUSE 26"x26"	26" x 26"	26"	1.32"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



Coating (Int): Coating (Ext):		Seam Up: Flat Seam Dn: Flat	Wall Thickness: 8" Floor Height: 0"	Height (Int): 35" Height (Ext): 35"	Weight (Net): 3866 lb Volume (Net): 0.99cu.yd
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Job Name: 25-2772 TDOT Rutherford Co CNZ193

Job Location: Rutherford Co., TN

Contractor: Capital City Construction Services LLC

Plant: Beaver Dam

10/1/2025 8:02:44 AM

Tech: J. Coppage

PC: A. Chambers



Structure ID: CB-1

P2 BX3648-08R24

BOX RISER 8inW

P5) 28" x 34" - CASTING HEIGHT - 5"

P4) 28" x 34" - FIELD ADJUSTMENT - 3"

P3) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) - 10"

P2) 36" x 48" - BOX RISER 8inW - 24"

P1) 36" x 48" - BOX BASE 8inW, 8inF - 48"

2) 36" x 48" - Conseal CS-102 1.00"

2) 28" x 34" - Conseal CS-102 1.00"

2) Hole - 26

0 lb

0 lb

2044 lb

3222 lb

7966 lb

0 lb

0 lb

0 lb

Structure Total: 13232 lb

Structure Notes:

1. JBS-3123 MODIFIED PROVIDED BY ICAST.

2. PER TDOT D-CB-12 / ASTM C913 SPEC'S.

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

4. REINFORCING PER ASTM A615 (GRADE 60).

** SEE TDOT STD DRAWING D-CB-12 **

- TOP SLAB - DBL MAT #5 BARS.

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

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

Rim: 600.93'

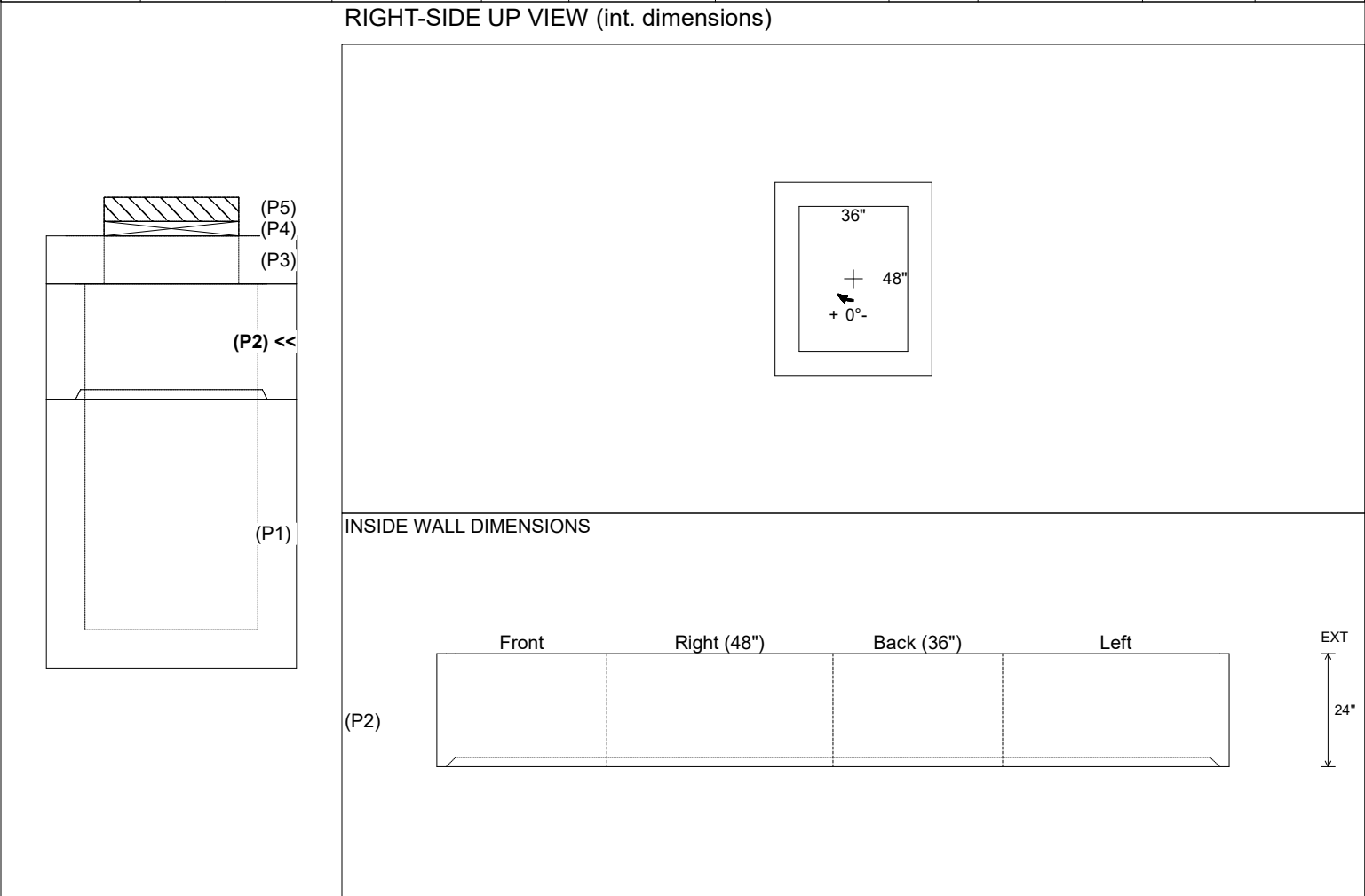
Rim to Invert: 7.35'

Slack: 0.7"

Sump: 2.5"

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										



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: Groove

Wall Thickness: 8"

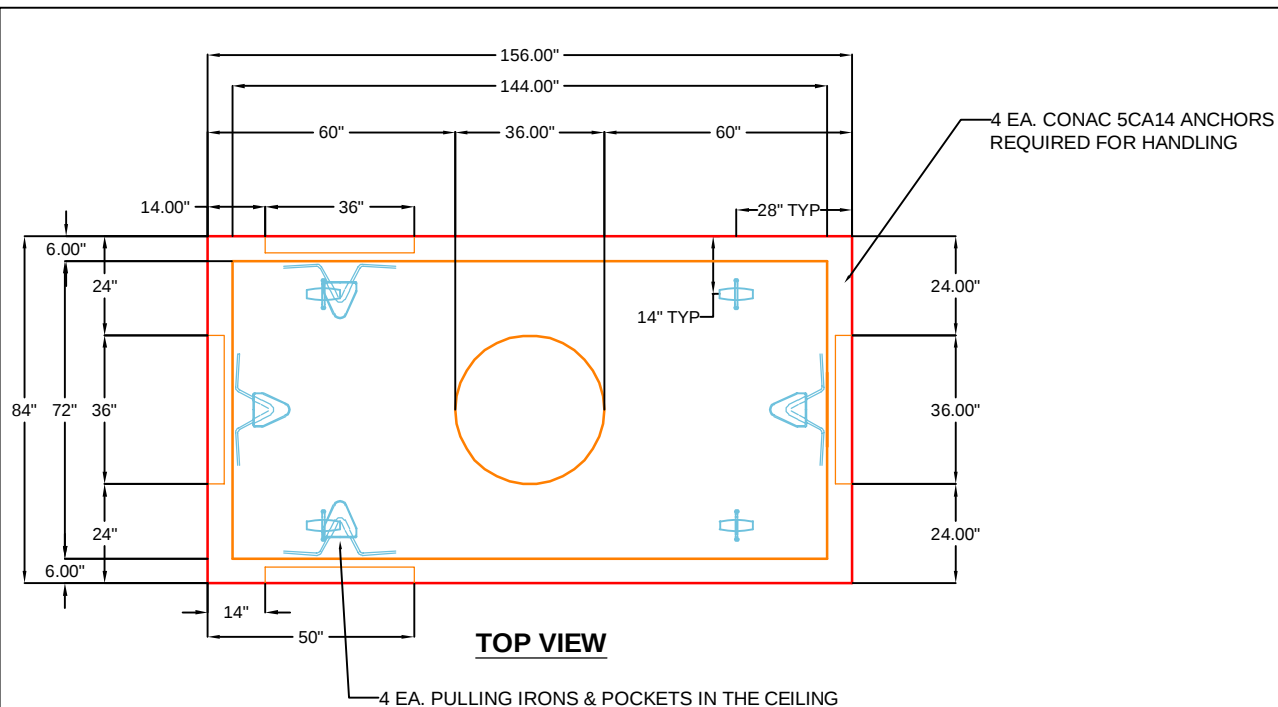
Floor Height: 0"

Height (Int): 24"

Height (Ext): 24"

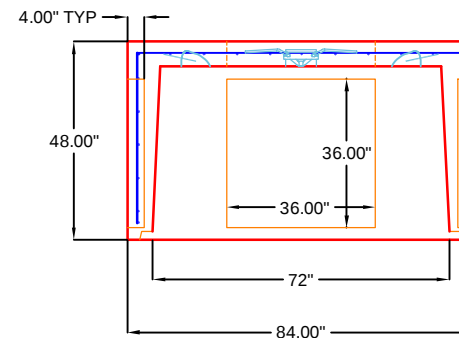
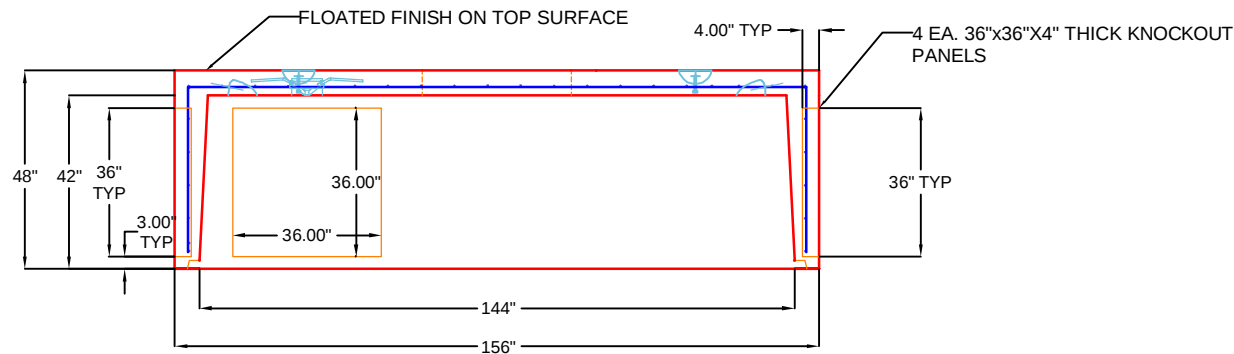
Weight (Net): 3222 lb

Volume (Net): 0.82cu.yd



GENERAL NOTES :

1. CONCRETE 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI.
2. REINFORCING PER ASTM A-615:
TOP #4 BAR @ 8" C.C.E.W.
BASE #4 @ 8" C.C.E.W.
3. VAULT JOINT TO BE SEALED WITH CONSEAL CS-102 (SUPPLIED BY ICAST).
4. WEIGHT:
TOP SECTION = 17,583 LBS
BASE SECTION = 17,850 LBS
TOTAL = 35,433 LBS



RIGHT-SIDE UP VIEW

RIGHT-SIDE UP VIEW

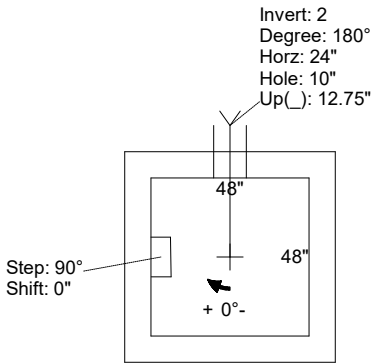
REVISION INFORMATION	
REV.  DATE:	NO REVISIONS TO DATE



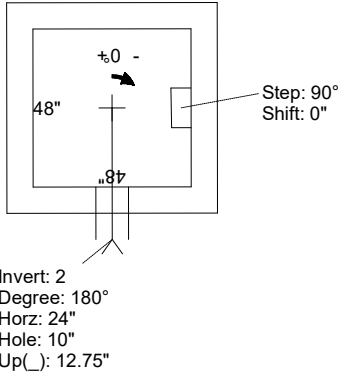
PRODUCTION DRAWING: 6'X12' UTILITY VAULT TOP		
CUSTOMER: KEMPER CONSTRUCTION		
PROJECT: CVG 200 MLLC		
STRUCTURE: VAULT #2		
QUOTE/SALES ORDER NO: 25-2930		
CHK BY: B SMITH	DRAWN BY: C. RUSS	
DATE: 08/12/25	SCALE: NTS	PG. 1 of 1

Job Name: 24-3876D CVG DHL APRON EXPANSION Job Location: HEBRON, KY Contractor: THE HARPER CO					Plant: BEAVER DAM 10/21/2025 2:37:15 PM		Tech: C.RUSS PC: C.GOFF				
Structure ID: SUMP PUMP DR-15											
P1 BX4848-08W12FEBAV			BX BASE w/FLANGE 08W/12F/12EF T/n								
P4) 24" - CASTING HEIGHT - 8" P3) 48" x 48" - CB FLAT TOP 8"W w/24"Hole F/F - 8" P2) 48" x 48" - BOX RISER 8inW F/G - 60" P1) 48" x 48" - BX BASE w/FLANGE 08W/12F/12EF T/n - 51" 2) 48" x 48" - SGL 1"x14.5' Butyl (2x) 1) Hole - 3 1) Hole - 10 1) Hole - 4 FIRST POUR 11,741 LBS DOWEL IN #5 BAR 8" C/C FOR FLANGE POUR						Structure Notes: ** KYTC STATE PROJECT** 1. PER KYTC MANHOLE TYPE C / ASTM C913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO INVERT CHANNEL 4. HOE KY 510 TY 2 CASTING PROVIDED BY ICAST REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB #5's AT 6" C.C.E.W (DBL MAT). - WALLS #5's AT 6" C.C.E.W. - FLOOR #5's AT 12" C.C.E.W..					
Rim: 885.78' Rim to Invert: 9.49' Slack: 0.08" Sump: 13.2" Step Position: 90°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1											
Invert 2	876.29'	180°	32"	6" HDPE	6.9"	Hole 10	10"	10"	12.75"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

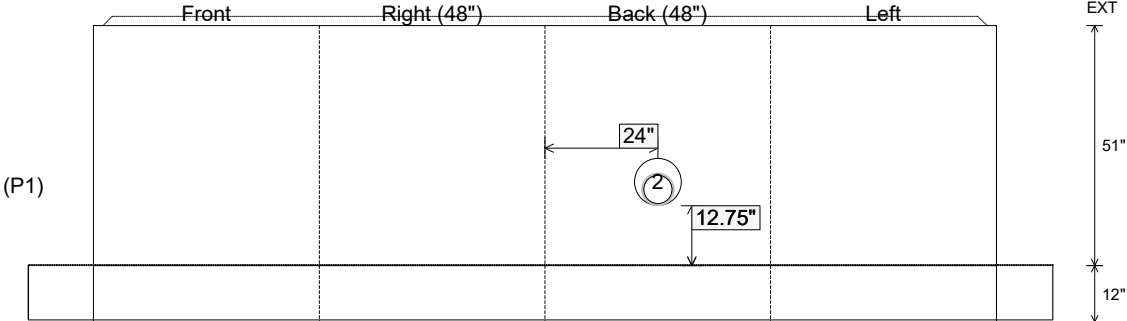
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 12"	Height (Int): 51" Height (Ext): 63"	Weight (Net): 15414 lb Volume (Net): 3.94cu.yd
----------------------------------	---------------------------------	---	--	---

Job Name: 24-3876D CVG DHL APRON EXPANSION

Job Location: HEBRON, KY

Contractor: THE HARPER CO

Plant: BEAVER DAM

10/21/2025 2:37:15 PM

Tech: C.RUSS

PC: C.GOFF



Structure ID: SUMP PUMP DR-15

P1 BX4848-08W12FEBAV BX BASE w/FLANGE 08W/12F/12EF T/n

P4) 24" - CASTING HEIGHT - 8"

P3) 48" x 48" - CB FLAT TOP 8"W w/24"Hole F/F - 8"

P2) 48" x 48" - BOX RISER 8inW F/G - 60"

P1) 48" x 48" - BX BASE w/FLANGE 08W/12F/12EF T/n - 51"

2) 48" x 48" - SGL 1"x14.5' Butyl (2x)

1) Hole - 3

1) Hole - 10

1) Hole - 4

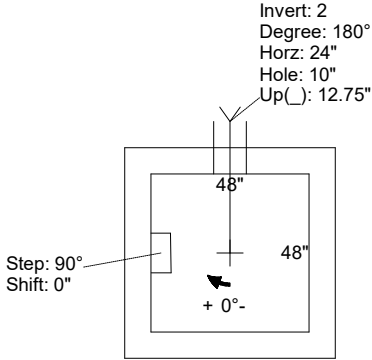
SECONDARY POUR
(FLANGE) 3,673 LBS

Structure Notes:
** KYTC STATE PROJECT**
1. PER KYTC MANHOLE TYPE C / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL
4. HOE KY 510 TY 2 CASTING PROVIDED BY ICAST REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB #5's AT 6" C.C.E.W (DBL MAT).
- WALLS #5's AT 6" C.C.E.W.
- FLOOR #5's AT 12" C.C.E.W..

Rim: 885.78' Rim to Invert: 9.49' Slack: 0.08" Sump: 13.2" Step Position: 90°

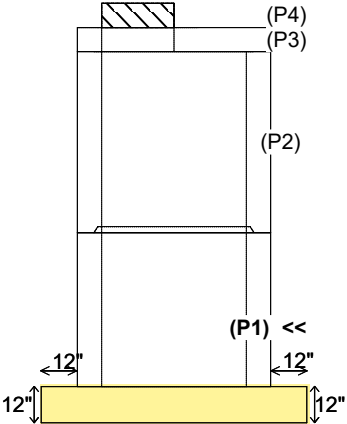
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2	876.29'	180°	32"	6" HDPE	6.9"	Hole 10	10"	10"	12.75"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

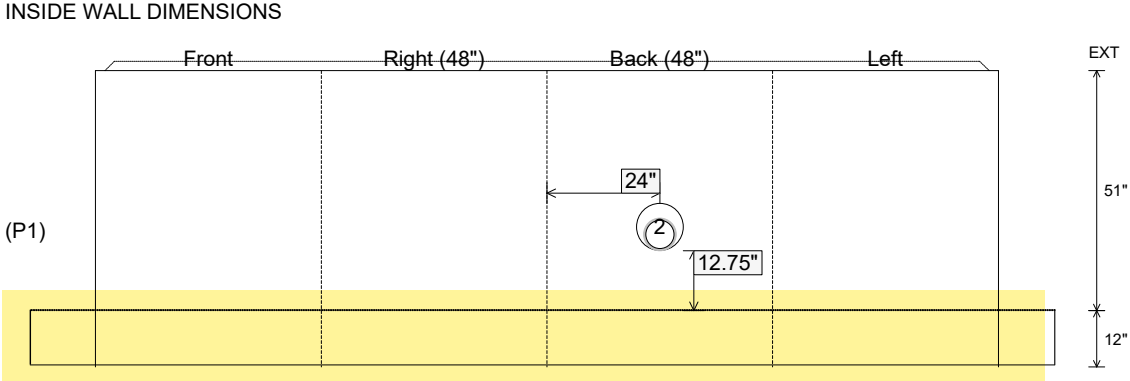


UPSIDE-DOWN VIEW (int. dimensions)

DOWEL IN #5 BAR 8" C/C FOR FLANGE POUR



INSIDE WALL DIMENSIONS



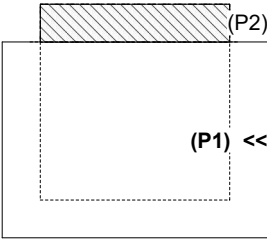
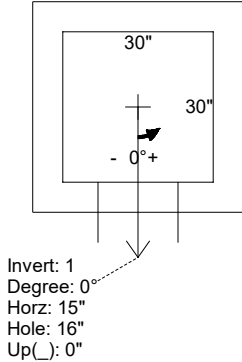
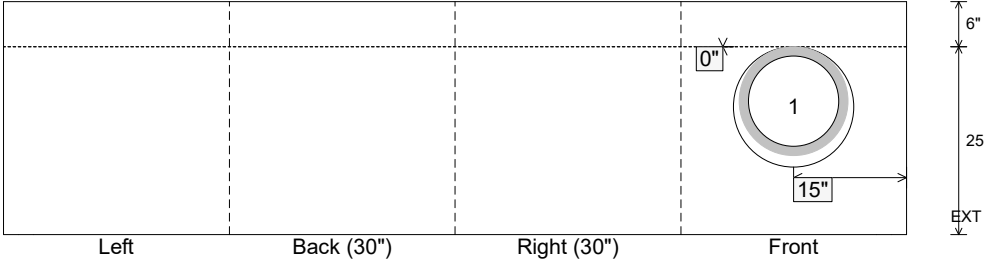
Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 12"

Height (Int): 51"
Height (Ext): 63"

Weight (Net): 15414 lb
Volume (Net): 3.94cu.yd

Job Name: 24-2716 905 E Trinity Job Location: Nashville, TN Contractor: Hayes Pipe Supply					Plant: Beaver Dam, KY 10/14/2025 9:35:13 AM		Tech: K. Cardwell PC: A. Chambers			
Structure ID: F6										
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 - 25" 1) 30" x 30" - Conseal CS-102 1.00" 1) Hole - 16					0 lb 2599 lb 0 lb 0 lb ----- 2599 lb		Structure Notes: 1. PER ASTM C-913 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. CASTING: JBS 4310 SUPPLIED BY OTHERS			
Rim: 562.5' Rim to Invert: 2.5' Slack: 0.25" Sump: 1.25" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	560'	0°	21"	12" HDPE	14.5"	Hole 16	16"	16"	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. dimenions)										
										
INSIDE WALL DIMENSIONS										
										
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: n/a		Wall Thickness: 6" Floor Height: 6"		Height (Int): 25" Height (Ext): 31"		Weight (Net): 2599 lb Volume (Net): 0.66cu.yd	

FIRST POUR DRAWING FLOOR

Ø2" HOLE IN THE FLOOR
FOR GROUNDING ROD

4X CABLE PULLS CAST
INTO THE FLOOR

18" X 24"
KO PANEL

18" X 24"
KO PANEL

60" X 60"
KO PANEL

PLASTIC SUMP DISH
CAST IN THE CENTER
OF THE FLOOR

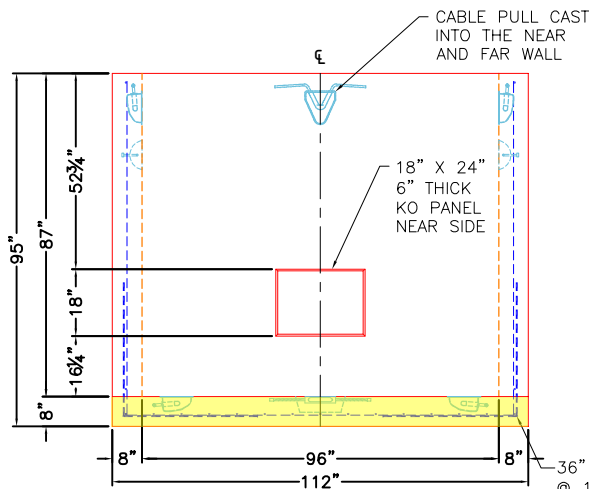
EXTERNAL COATING
OF CS-55

TOP VIEW

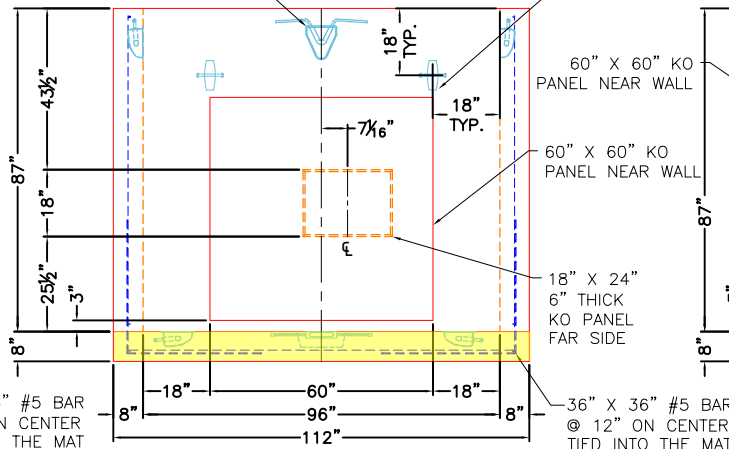
CABLE PULL CAST
INTO THE NEAR
AND FAR WALL

4 EA. 8CA18 CONAC
ANCHORS CAST
IN AS SHOWN.

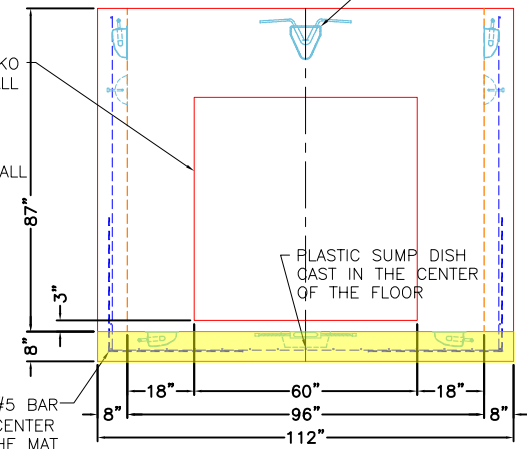
CABLE PULL CAST
INTO THE NEAR
AND FAR WALL



LEFT VIEW



FRONT VIEW



RIGHT VIEW

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. REINFORCING: PER ASTM A615 (GRADE 60)
WALLS - #5 BAR @ 6" C-C E.W.
FLOOR - #5 BAR @ 10" C-C E.W.
4. WEIGHT:
FIRST POUR = 8,421 LBS
SECOND POUR = 25,793 LBS
THIRD POUR = 1,498 LBS
TOTAL WEIGHT = 34,214 LBS
5. CASTING: JR HOE MC-780 PROVIDED BY ICAST.
6. EXTERNAL COATING OF CS-55 PROVIDED BY ICAST.
7. 7'-0" AIM TWISTED HOOK LADDER PROVIDED BY ICAST.
8. FLOOR SLOPE TO DRAIN BY ICAST.
9. ALL SECTION JOINTS TO BE SEALED W/ CONSEAL CS-102 BUTYL.

PRODUCTION WORK ORDER

PRODUCT I.D.: BX9696-08BA-VH

DESCRIPTION: 96" X 96" X 87" TALL VAULT BASE



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED.
- ☐ OPENING CENTERED.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ EDGES CHAMFERED.
- ☐ ALL PATCHWORK ACCEPTABLE.

PRODUCT VIEW: RIGHT SIDE UP

CUSTOMER: THE STATE GROUP INDUSTRIAL (USA) LIMITED

PLANT: BEAVER DAM, KY.

PROJECT: KYMEA CENTER ELECTRICAL MANHOLES

WEIGHT: 34,214 LBS.

STRUCTURE: ELECTRICAL MANHOLE 2

TOP SECTION JOINT: N/A

ORDER NO: 25-2219

BASE SECTION JOINT: N/A

PC: A. CHAMBERS

DRAWING: J. COPPAGE

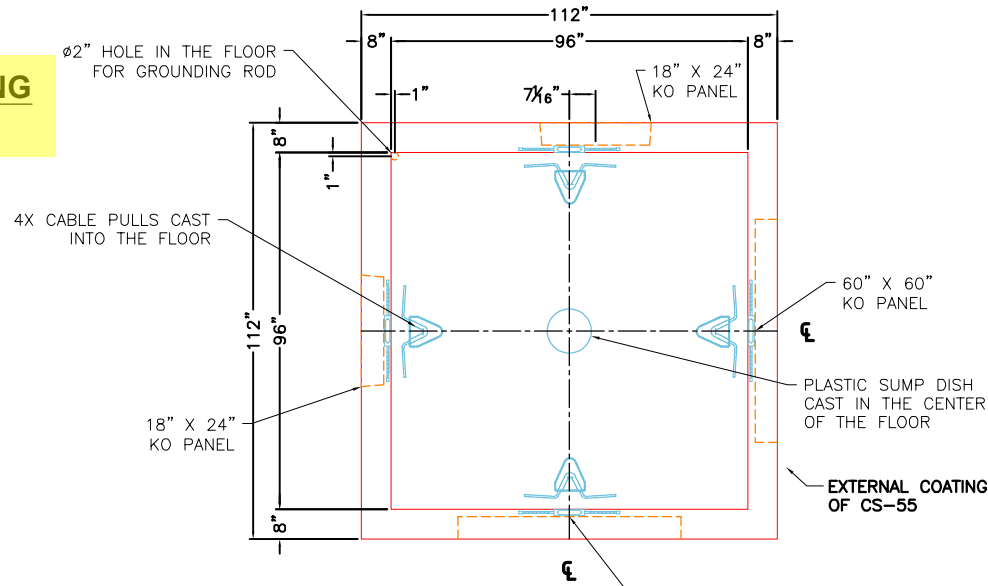
QC CHECK INITIALS:

DATE: 10/28/25

SCALE: NTS

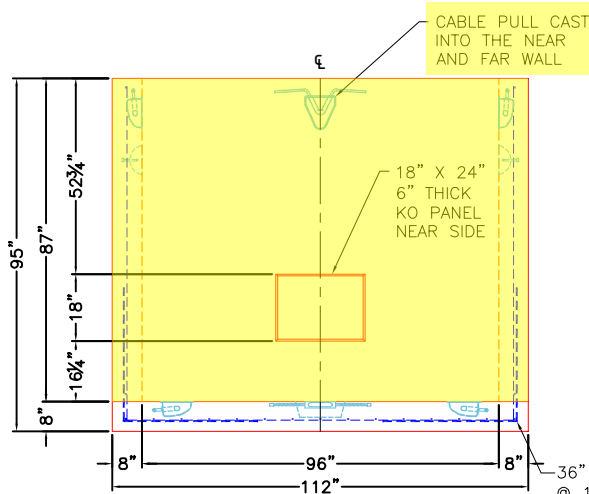
PG. 1 of 3

SECOND POUR DRAWING WALLS

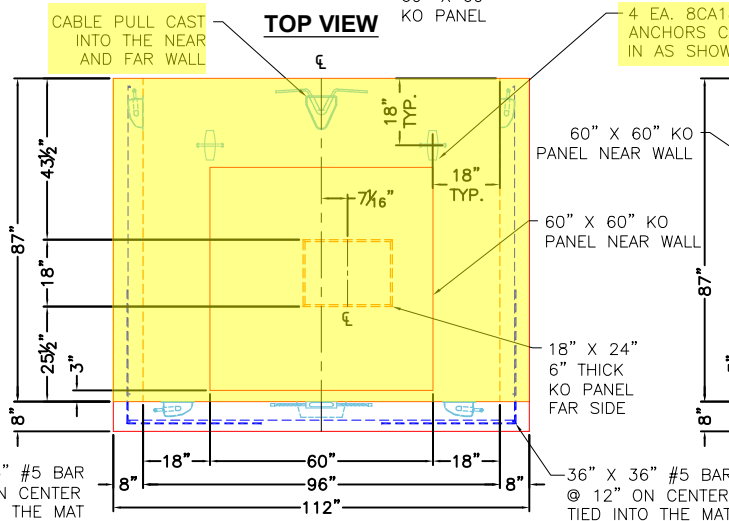


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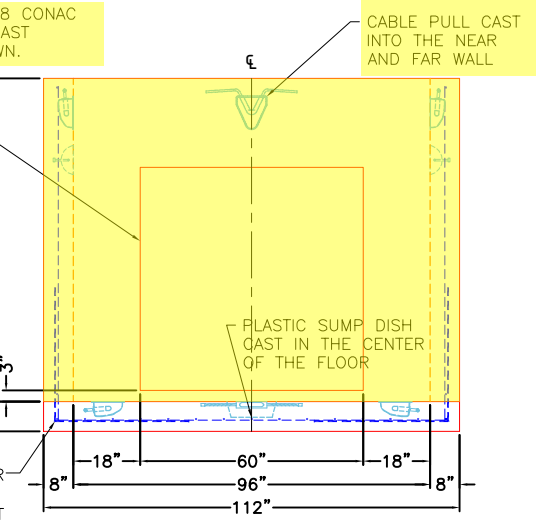
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8. FLOOR SLOPE TO DRAIN BY ICAST.
9. ALL SECTION JOINTS TO BE SEALED W/ CONSEAL CS-102 BUTYL.



LEFT VIEW



FRONT VIEW



RIGHT VIEW

PRODUCTION WORK ORDER

PRODUCT I.D.: BX9696-08BA-VH

DESCRIPTION: 96" X 96" X 87" TALL VAULT BASE



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED.
- ☐ OPENING CENTERED.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ EDGES CHAMFERED.
- ☐ ALL PATCHWORK ACCEPTABLE.

PRODUCT VIEW: RIGHT SIDE UP

CUSTOMER: THE STATE GROUP INDUSTRIAL (USA) LIMITED

PLANT: BEAVER DAM, KY.

PROJECT: KYMEA CENTER ELECTRICAL MANHOLES

WEIGHT: 34,214 LBS.

STRUCTURE: ELECTRICAL MANHOLE 2

TOP SECTION JOINT: N/A

ORDER NO: 25-2219

BASE SECTION JOINT: N/A

PC: A. CHAMBERS

DRAWING: J. COPPAGE

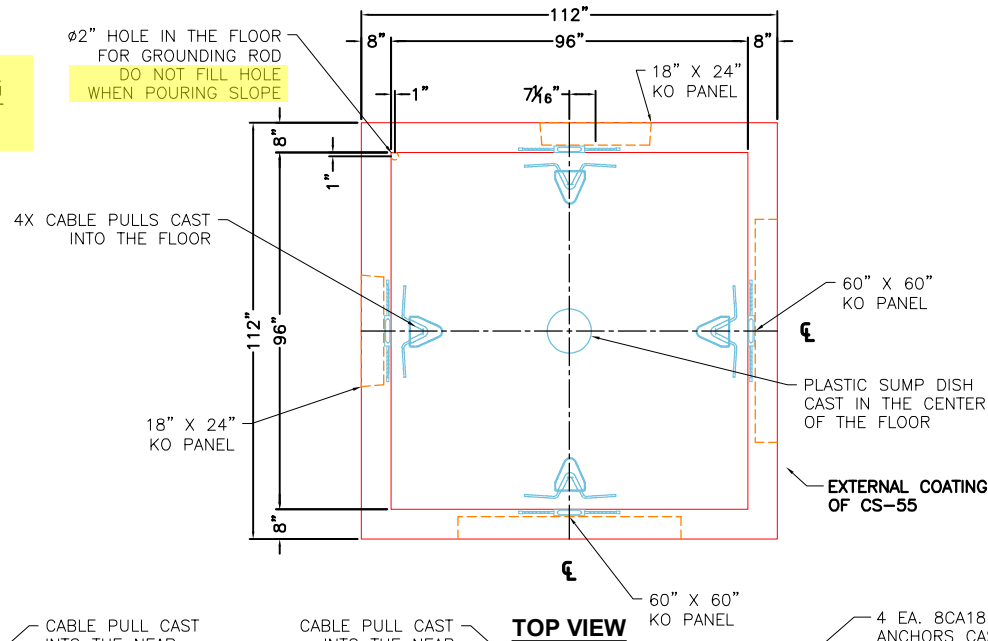
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DATE: 10/28/25

SCALE: NTS

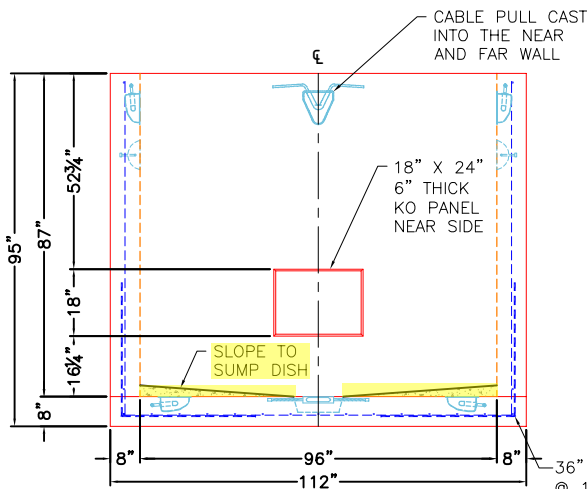
PG. 2 of 3

THIRD POUR DRAWING SLOPE TO SUMP PAN

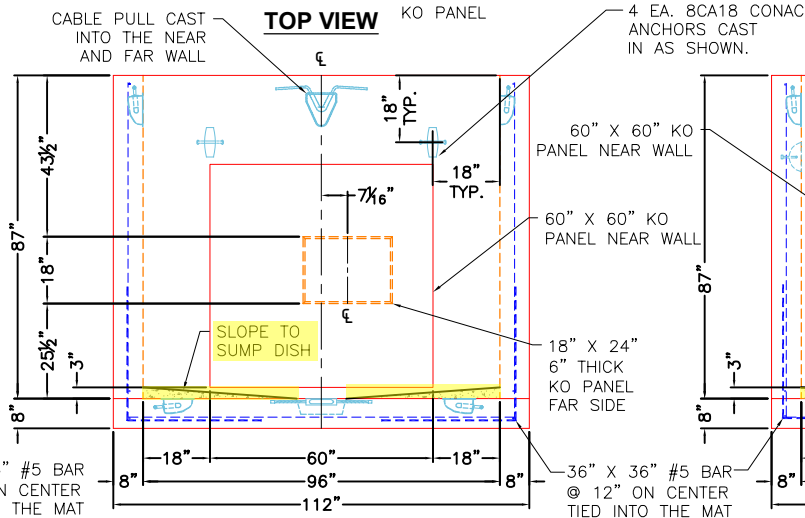


GENERAL NOTES:

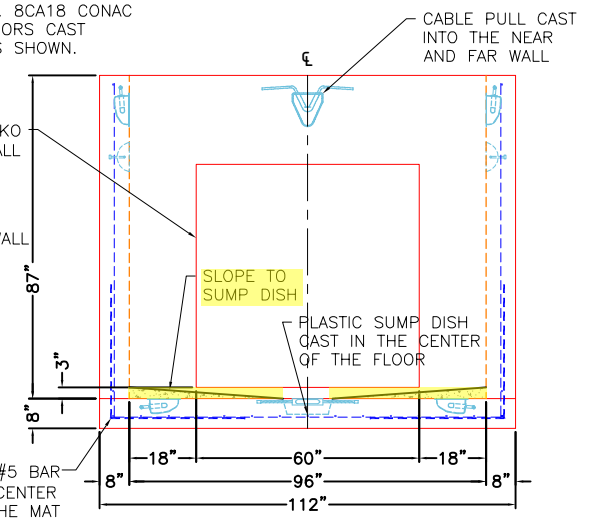
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8. FLOOR SLOPE TO DRAIN BY ICAST.
9. ALL SECTION JOINTS TO BE SEALED W/ CONSEAL CS-102 BUTYL.



LEFT VIEW



FRONT VIEW



RIGHT VIEW

PRODUCTION WORK ORDER

PRODUCT I.D.: BX9696-08BA-VH

DESCRIPTION: 96" X 96" X 87" TALL VAULT BASE



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED.
- ☐ OPENING CENTERED.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ EDGES CHAMFERED.
- ☐ ALL PATCHWORK ACCEPTABLE.

PRODUCT VIEW: RIGHT SIDE UP

CUSTOMER: THE STATE GROUP INDUSTRIAL (USA) LIMITED

PLANT: BEAVER DAM, KY.

PROJECT: KYMEA CENTER ELECTRICAL MANHOLES

WEIGHT: 34,214 LBS.

STRUCTURE: ELECTRICAL MANHOLE 2

TOP SECTION JOINT: N/A

ORDER NO: 25-2219

BASE SECTION JOINT: N/A

PC: A. CHAMBERS

DRAWING: J. COPPAGE

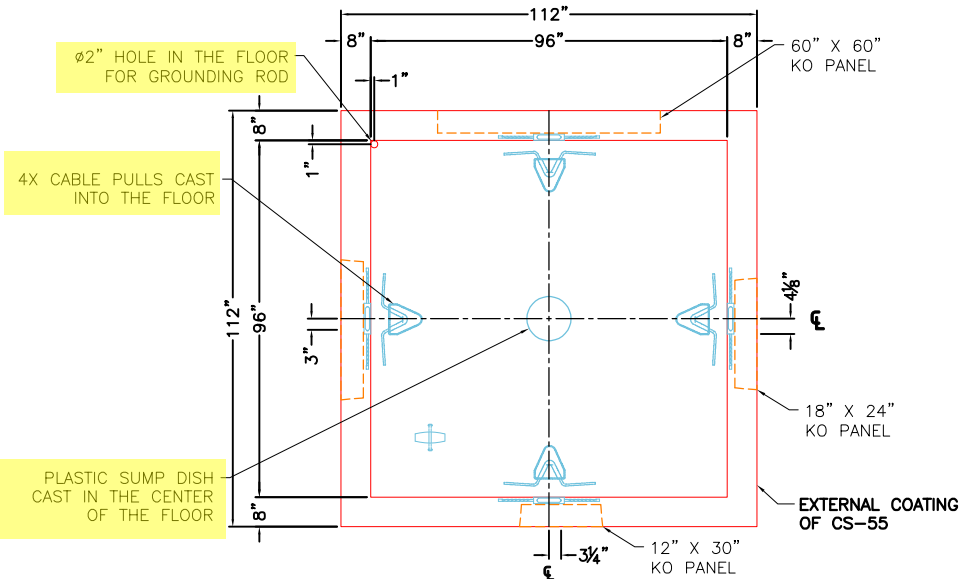
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DATE: 10/28/25

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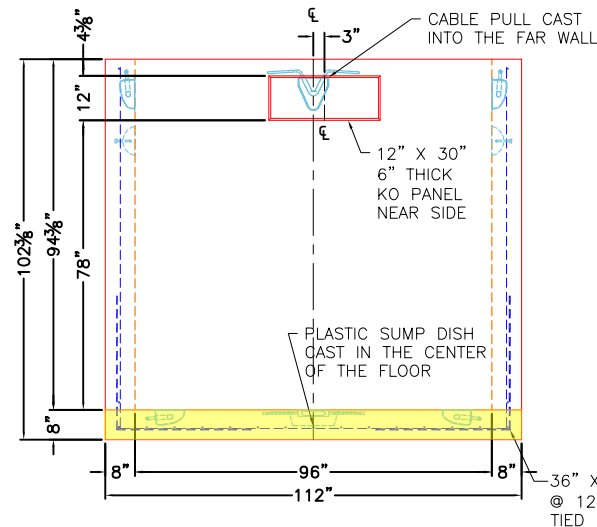
PG. 3 of 3

FIRST POUR DRAWING FLOOR

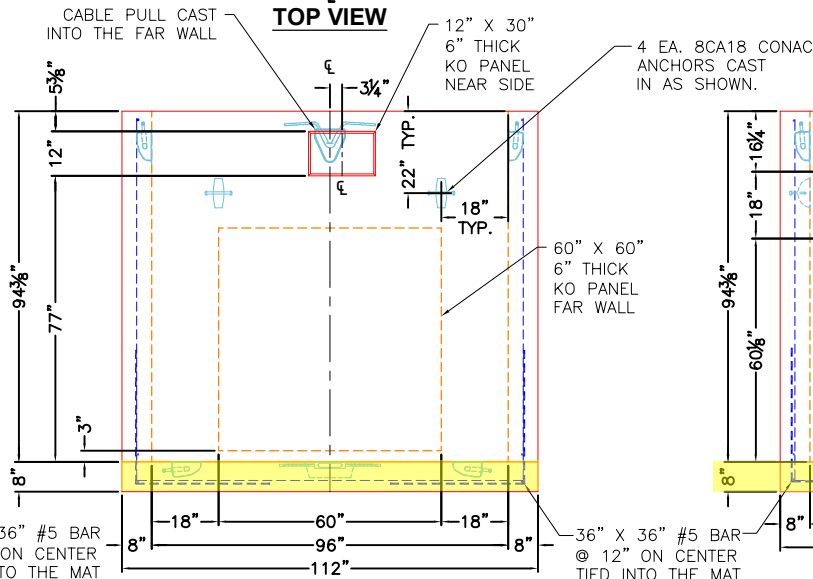


GENERAL NOTES:

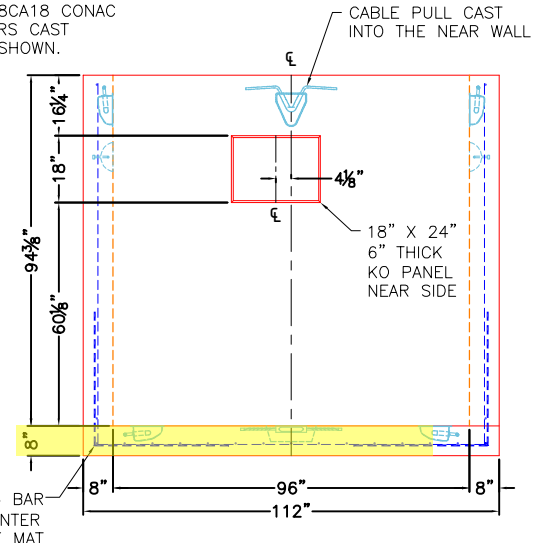
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FLOOR - #5 BAR @ 10" C-C E.W.
4. WEIGHT:
FIRST POUR = 8,421 LBS
SECOND POUR = 26,355 LBS
THIRD POUR = 1,498 LBS
TOTAL WEIGHT = 36,274 LBS
5. CASTING: JR HOE MC-780 PROVIDED BY ICAST.
6. EXTERNAL COATING OF CS-55 PROVIDED BY ICAST.
7. 7'-6" AIM TWISTED HOOK LADDER PROVIDED BY ICAST.
8. FLOOR SLOPE TO DRAIN BY ICAST.
9. ALL SECTION JOINTS TO BE SEALED W/ CONSEAL CS-102 BUTYL.



LEFT VIEW



FRONT VIEW



RIGHT VIEW

PRODUCTION WORK ORDER



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED.
- ☐ OPENING CENTERED.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ EDGES CHAMFERED.
- ☐ ALL PATCHWORK ACCEPTABLE.

PRODUCT I.D.: BX9696-08BA-VH

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 36,274 LBS.

TOP SECTION JOINT: N/A

BASE SECTION JOINT: N/A

QC CHECK INITIALS:

DESCRIPTION: 96" X 96" X 94 3/8" TALL VAULT BASE

CUSTOMER: THE STATE GROUP INDUSTRIAL (USA) LIMITED

PROJECT: KYMEA CENTER ELECTRICAL MANHOLES

STRUCTURE: ELECTRICAL MANHOLE 1

ORDER NO: 25-2219

PC: A. CHAMBERS

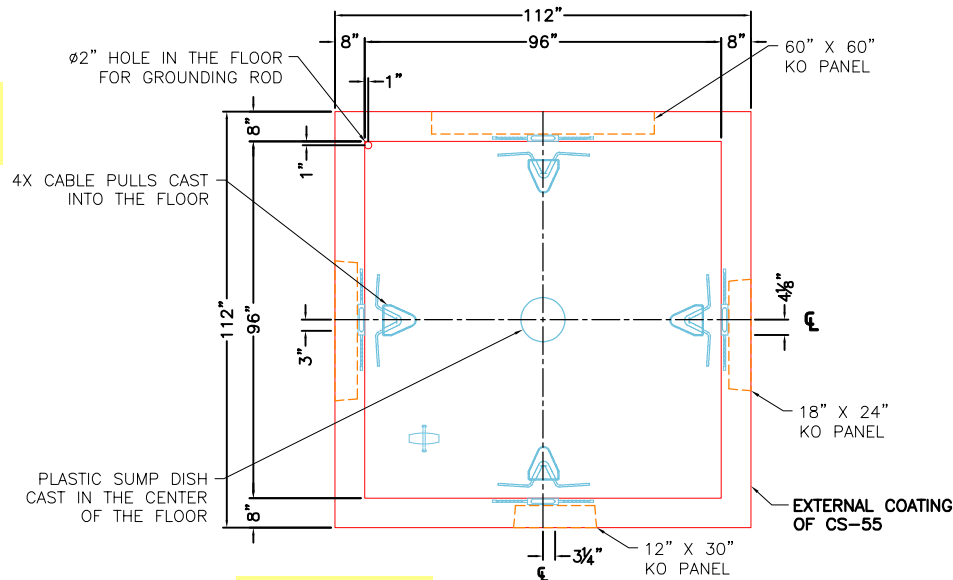
DRAWING: J. COPPAGE

DATE: 10/28/25

SCALE: NTS

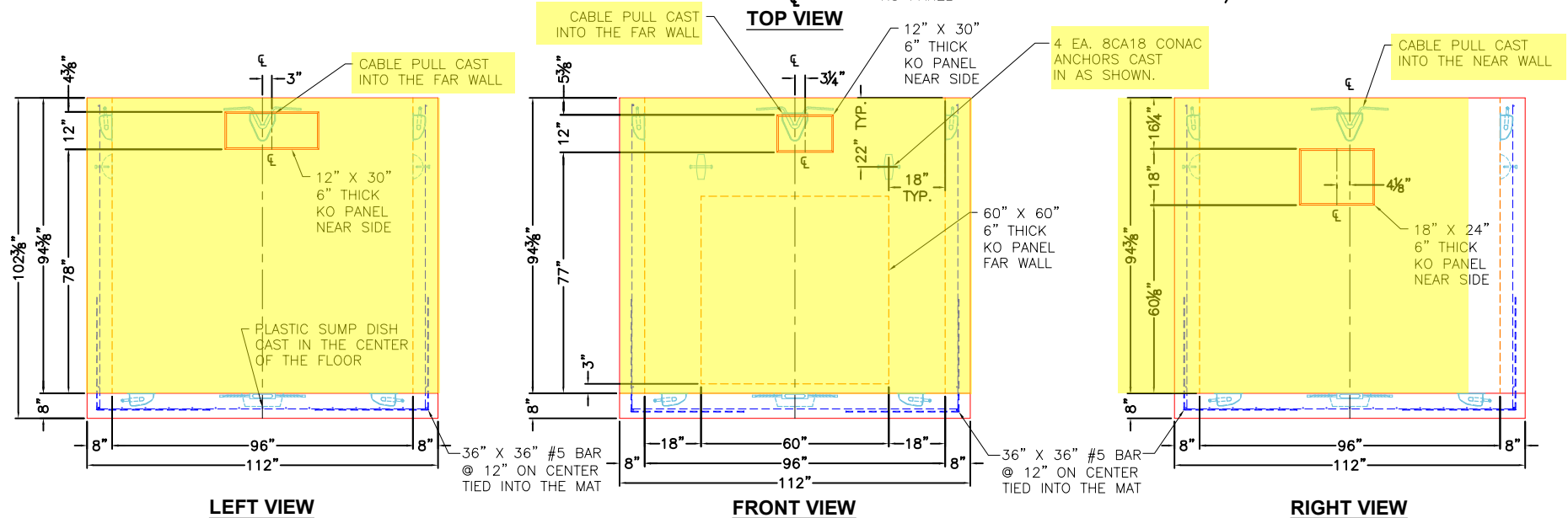
PG. 1 of 3

SECOND POUR DRAWING WALLS



GENERAL NOTES:

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PRODUCTION WORK ORDER

PRODUCT I.D.: BX9696-08BA-VH

DESCRIPTION: 96" X 96" X 94 3/8" TALL VAULT BASE



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED.
- ☐ OPENING CENTERED.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ EDGES CHAMFERED.
- ☐ ALL PATCHWORK ACCEPTABLE.

PRODUCT VIEW: RIGHT SIDE UP

CUSTOMER: THE STATE GROUP INDUSTRIAL (USA) LIMITED

PLANT: BEAVER DAM, KY.

PROJECT: KYMEA CENTER ELECTRICAL MANHOLES

WEIGHT: 36,274 LBS.

STRUCTURE: ELECTRICAL MANHOLE 1

TOP SECTION JOINT: N/A

ORDER NO: 25-2219

BASE SECTION JOINT: N/A

PC: A. CHAMBERS

DRAWING: J. COPPAGE

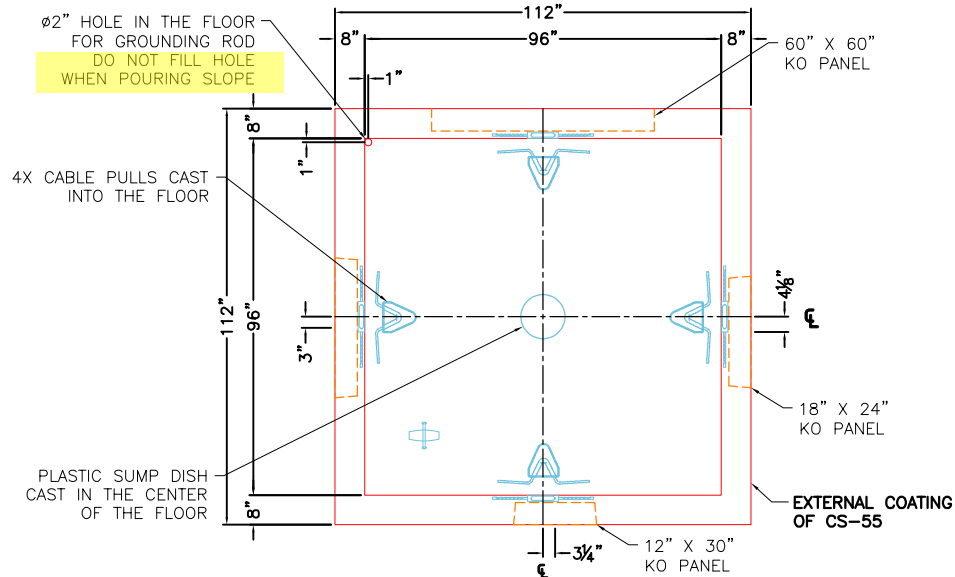
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DATE: 10/28/25

SCALE: NTS

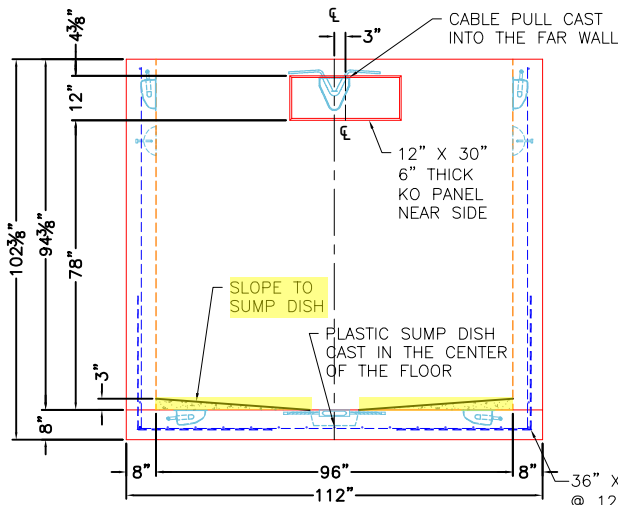
PG. 2 of 3

THIRD POUR DRAWING SLOPE TO SUMP PAN

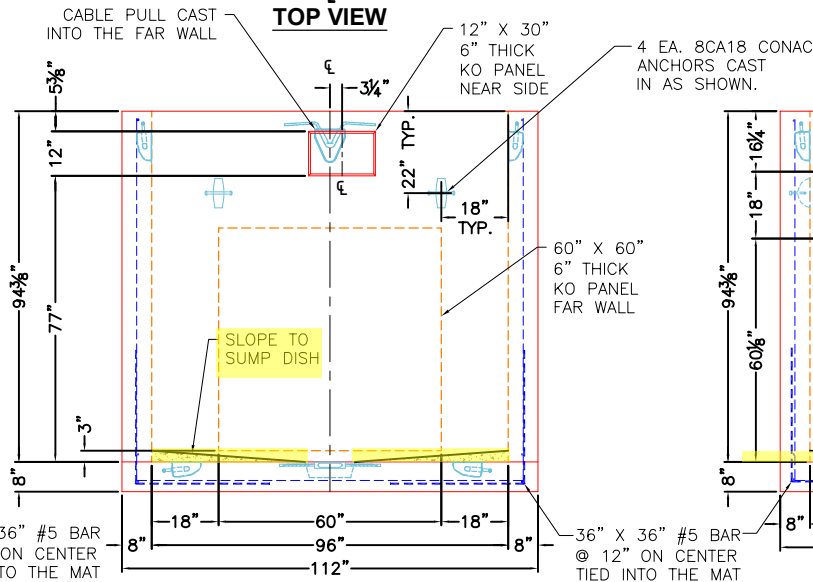


GENERAL NOTES:

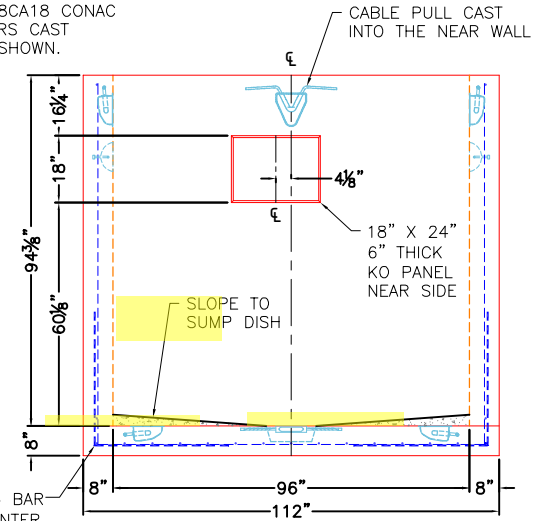
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8. FLOOR SLOPE TO DRAIN BY ICAST.
9. ALL SECTION JOINTS TO BE SEALED W/ CONSEAL CS-102 BUTYL.



LEFT VIEW



FRONT VIEW



RIGHT VIEW

PRODUCTION WORK ORDER



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED.
- ☐ OPENING CENTERED.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ EDGES CHAMFERED.
- ☐ ALL PATCHWORK ACCEPTABLE.

PRODUCT I.D.: BX9696-08BA-VH

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 36,274 LBS.

TOP SECTION JOINT: N/A

BASE SECTION JOINT: N/A

QC CHECK INITIALS:

DESCRIPTION: 96" X 96" X 94 3/8" TALL VAULT BASE

CUSTOMER: THE STATE GROUP INDUSTRIAL (USA) LIMITED

PROJECT: KYMEA CENTER ELECTRICAL MANHOLES

STRUCTURE: ELECTRICAL MANHOLE 1

ORDER NO: 25-2219

PC: A. CHAMBERS

DRAWING: J. COPPAGE

DATE: 10/28/25

SCALE: NTS

PG. 3 of 3

Job Name: 25-2219 KYMEA Center Electrical Manholes
Job Location: Madisonville, KY
Contractor: The State Group Industrial

Plant: Beaver Dam

10/29/2025 3:44:31 PM

Tech: J. Coppage
PC: A. Chambers



Structure ID: Electrical Manhole 3

P3 MH036RSVF

MH RISER Custom Ht

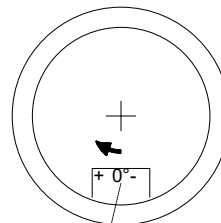
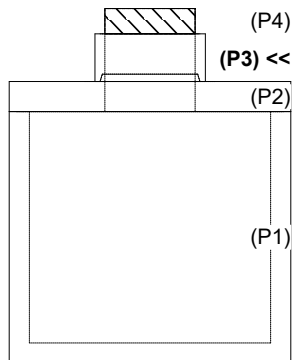
P4)	36" - CASTING HEIGHT - 10"	0 lb
P3)	36" - MH RISER Custom Ht - 19"	801 lb
P2)	96" x 96" - CB FLAT TOP 8"W w/36"Hole - 12"	11606 lb
P1)	96" x 96" - BOX BASE 8inW, 8inF, Variable Ht - 92"	34113 lb
1)	SUMP DISH	0 lb
8)	PULL IRON - MA IND. PULL IRON 004-570 (9-5/8")	0 lb
8)	PULL IRON POCKET - MA IND. PULL IRON POCKET 004-573	0 lb
1)	LADDER - AIM TWISTED HOOK LADDER 7'-6"	0 lb
3)	STEEL STEP - AIM STD GALV STEEL STEP 36" DIA.	0 lb
1)	SLOPE TO DRAIN - SECONDARY POUR	1498 lb
1)	CASTING - HOE MC-780 F/C ELECTRIC	675 lb
1)	96" x 96" - Conseal CS-102 1.00"	0 lb
2)	36" - Conseal CS-102 1.00"	0 lb
453.79 SqFt) CS-55 BLACK ACRYLLIC [EXT]		0 lb
Structure Total:		48693 lb

Structure Notes:

Rim: 406.6' Rim to Invert: 0' Slack: 0.2" Sump: 133.2" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)

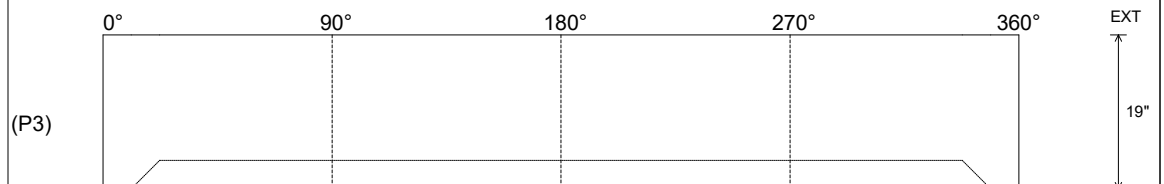


Step: 0°
Horz: 0"

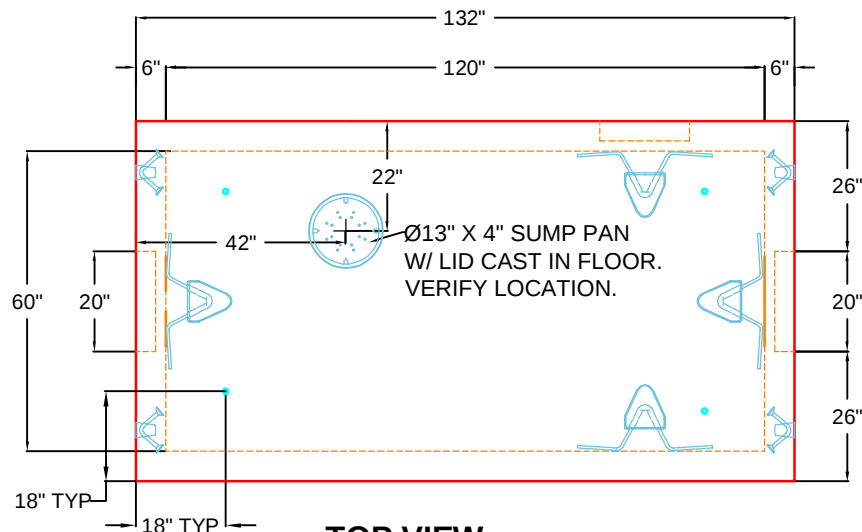
EXTERNAL COATING
OF CS-55

AIM STANDARD GALV.
STEEL STEP FOR
36" DIA. STRUCTURES

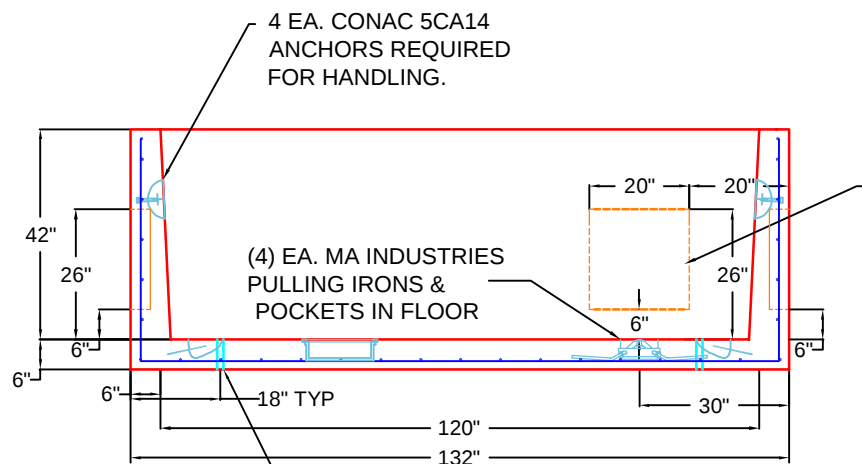
INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext): CS-55 BLACK ACRYLLIC	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 4" Floor Height: 0"	Height (Int): 19" Height (Ext): 19"	Weight (Net): 801 lb Volume (Net): 0.2cu.yd
---	----------------------------------	--	--	--



TOP VIEW

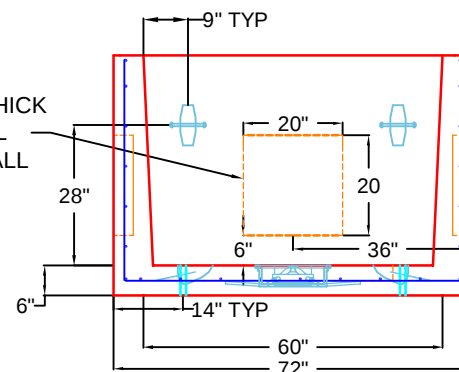


FRONT VIEW

(4) EA 1" PVC CAST IN FLOOR
FOR GROUNDING RODS

RIGHT-SIDE UP VIEW

4. EA 20"X20"X4" THICK
KNOCK OUT PANEL
NEAR AND FAR WALL



SIDE VIEW

RIGHT-SIDE UP VIEW

GENERAL NOTES

1. CONCRETE 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI.
2. REINFORCING PER ASTM A-615:
TOP SLAB: #4 BAR @ 8" C.C.E.W. DBL MAT
BASE #4 @ 8" C.C.E.W
3. VAULT JOINT TO BE SEALED WITH CONSEAL CS-102 ROLL (SUPPLIED BY ICAST).
4. WEIGHT:
TOP SLAB = 5,396 LBS
BASE SECTION = 14,258 LBS
TOTAL = 19,654 LBS

REVISION INFORMATION

REV. DATE: NO REVISIONS TO DATE



PRODUCTION DRAWING: 5'X10' SWITCH GEAR PIT BASE

CUSTOMER: KEMPER CONSTRUCTION

PROJECT: CVG 200 MLLC

STRUCTURE: PIT 4

QUOTE/SALES ORDER NO: 25-2930

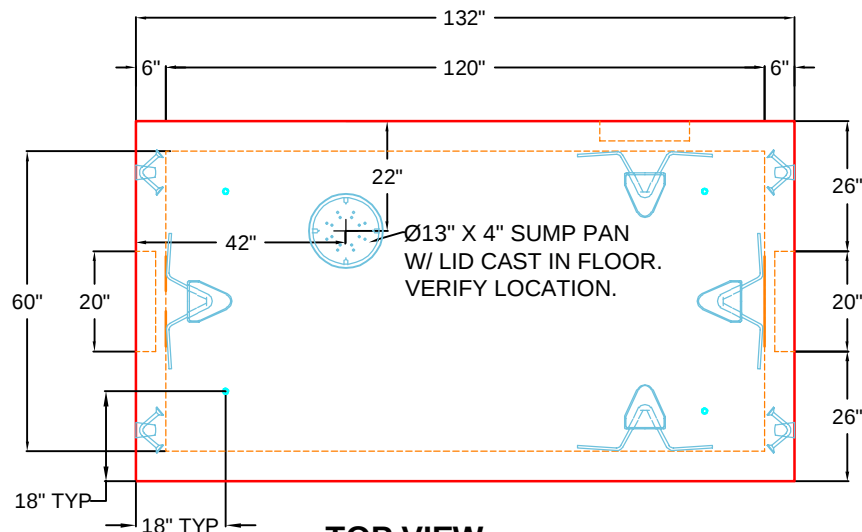
CHK BY: B SMITH

DRAWN BY: C. RUSS

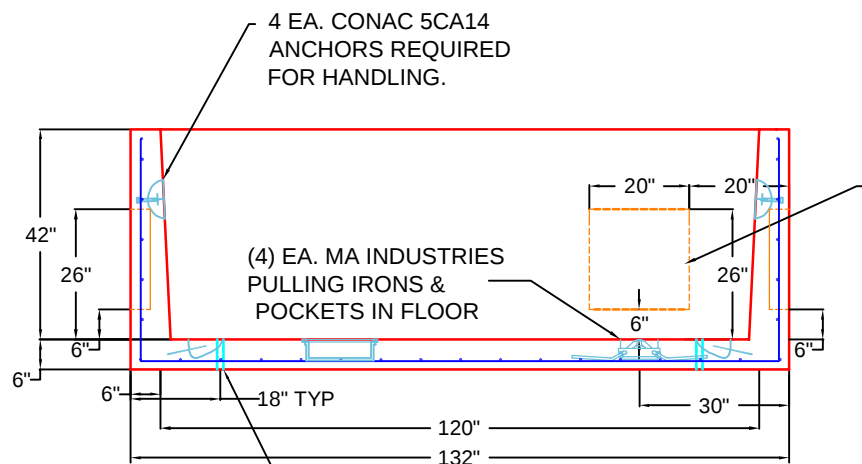
DATE: 08/12/25

SCALE: NTS

PG. 1 of 1



TOP VIEW

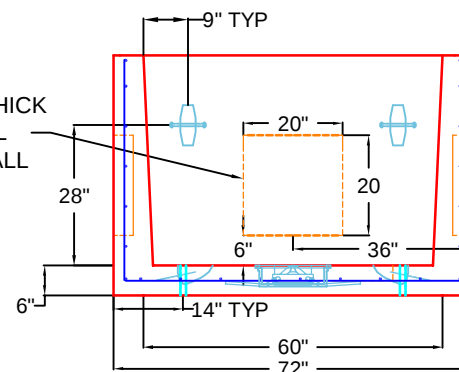


(4) EA 1" PVC CAST IN FLOOR
FOR GROUNDING RODS

FRONT VIEW

RIGHT-SIDE UP VIEW

4. EA 20"X20"X4" THICK
KNOCK OUT PANEL
NEAR AND FAR WALL



SIDE VIEW

RIGHT-SIDE UP VIEW

GENERAL NOTES

1. CONCRETE 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI.
2. REINFORCING PER ASTM A-615:
TOP SLAB: #4 BAR @ 8" C.C.E.W. DBL MAT
BASE #4 @ 8" C.C.E.W
3. VAULT JOINT TO BE SEALED WITH CONSEAL CS-102 ROLL (SUPPLIED BY ICAST).
4. WEIGHT:
TOP SLAB = 5,396 LBS
BASE SECTION = 14,258 LBS
TOTAL = 19,654 LBS

REVISION INFORMATION

REV. DATE: NO REVISIONS TO DATE



PRODUCTION DRAWING: 5'X10' SWITCH GEAR PIT BASE

CUSTOMER: KEMPER CONSTRUCTION

PROJECT: CVG 200 MLLC

STRUCTURE: PIT 1

QUOTE/SALES ORDER NO: 25-2930

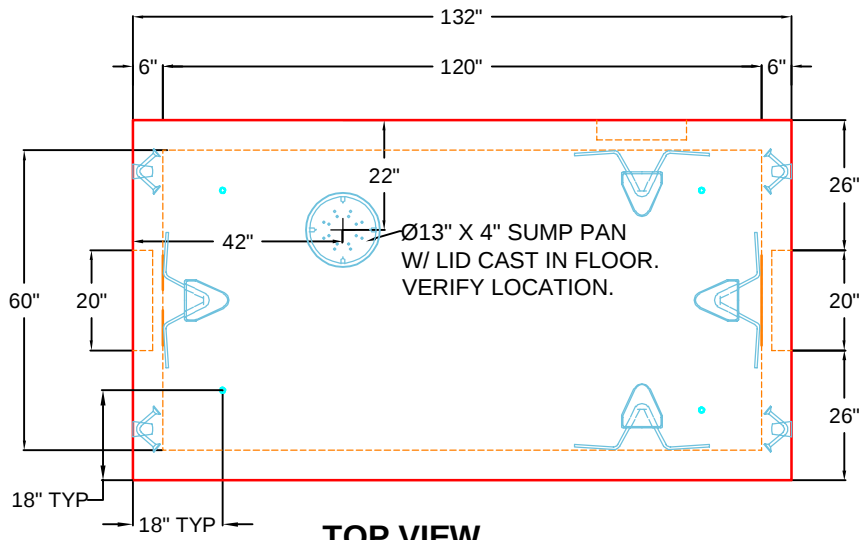
CHK BY: B SMITH

DRAWN BY: C. RUSS

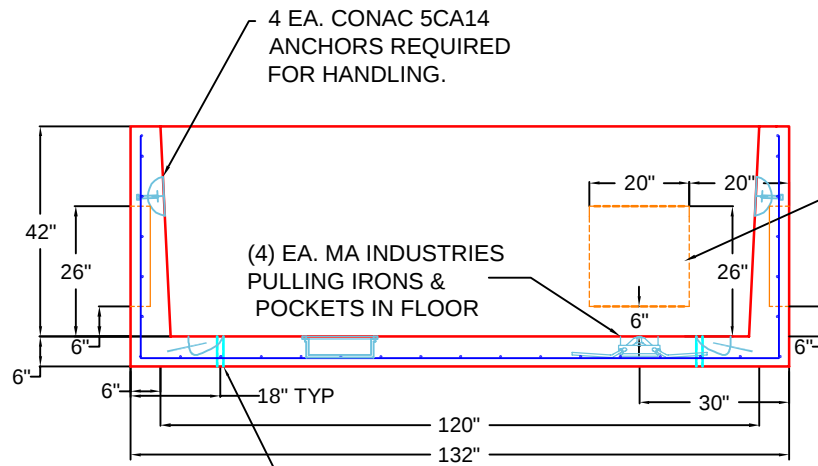
DATE: 08/12/25

SCALE: NTS

PG. 1 of 1



TOP VIEW

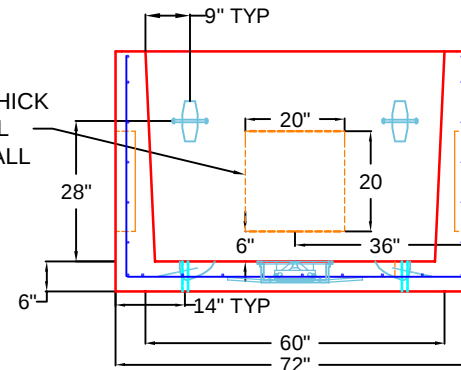


FRONT VIEW

(4) EA 1" PVC CAST IN FLOOR
FOR GROUNDING RODS

RIGHT-SIDE UP VIEW

4. EA 20"X20"X4" THICK
KNOCK OUT PANEL
NEAR AND FAR WALL



SIDE VIEW

RIGHT-SIDE UP VIEW

GENERAL NOTES

1. CONCRETE 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI.
2. REINFORCING PER ASTM A-615:
TOP SLAB: #4 BAR @ 8" C.C.E.W. DBL MAT
BASE #4 @ 8" C.C.E.W
3. VAULT JOINT TO BE SEALED WITH CONSEAL CS-102 ROLL (SUPPLIED BY ICAST).
4. WEIGHT:
TOP SLAB = 5,396 LBS
BASE SECTION = 14,258 LBS
TOTAL = 19,654 LBS

REVISION INFORMATION

REV. DATE: NO REVISIONS TO DATE



PRODUCTION DRAWING: 5'X10' SWITCH GEAR PIT BASE

CUSTOMER: KEMPER CONSTRUCTION

PROJECT: CVG 200 MLLC

STRUCTURE: PIT 2

QUOTE/SALES ORDER NO: 25-2930

CHK BY: B SMITH

DRAWN BY: C. RUSS

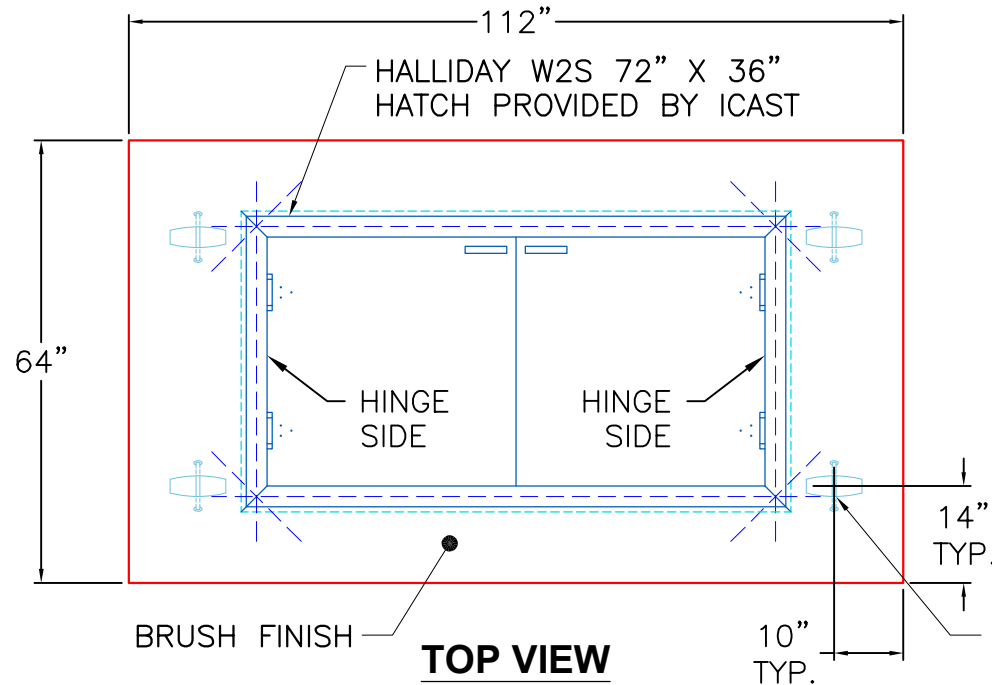
DATE: 08/12/25

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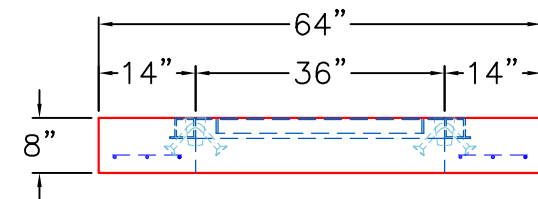
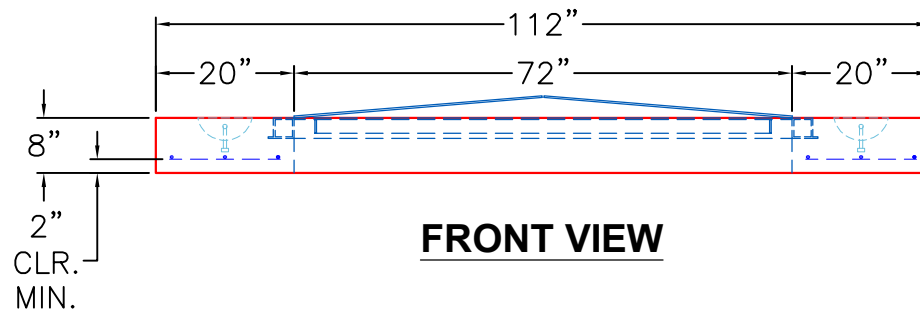
PG. 1 of 1

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 8" E.W. O.C. (GRADE 60).
4. WEIGHT: 3,072 LBS
5. HATCH: HALLIDAY W2S 72" X 36" HATCH PROVIDED BY ICAST.
6. HATCH TO BE CAST INTO THE TOP SLAB.
7. PRE-ASSEMBLY PROVIDED BY ICAST.



4 EA. CONAC 5CA14 ANCHORS CAST IN EACH SECTION AS SHOWN.



PRODUCTION WORK ORDER

PRODUCT I.D.: BX048096-08LD08S

DESCRIPTION: 64" X 112" X 8" THICK TOP SLAB



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED.
- ☐ HATCH LOCATED CORRECTLY.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ EDGES CHAMFERED.
- ☐ LIGHT BRUSHED FINISH ON TOP.

PRODUCT VIEW: RIGHT SIDE UP

CUSTOMER: ENDESOL, INC.

PLANT: BEAVER DAM, KY.

PROJECT: SUMNER CO REGIONAL TRANSMISSION LINE B

WEIGHT: 3,072 LBS.

STRUCTURE: MASTER METER VAULT

TOP SECTION JOINT: N/A

ORDER NO: 24-4406

BASE SECTION JOINT: N/A

PC: C. GOFF

DRAWING: J. COPPAGE

QC CHECK INITIALS:

DATE: 9/8/25

SCALE: NTS

PG. 1 of 1