

Job Name: 26-2485 855358 Fuqua Development
Job Location: Nicholasville, KY
Contractor: Contech Engineering Solutions

Plant: Beaver Dam
6/5/2026 8:57:15 AM

Tech: S. Felletter
PC: C. Goff



Structure ID: 15-CS-12

P4 MH144RS36

MH RISER T/G

- P6) 24" - CASTING HEIGHT - 4"
P5) 144" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18"
P4) 144" - MH RISER T/G - 36"
P3) 144" - MH RISER T/G - 78"
P2) 144" - MH RISER T/G - 54"
P1) 144" - MH MONOBASE 14F, Custom Ht T/n - 24"
1) ASSEMBLY REQUIRED - BRACKETS ONLY
1) CVSTENCILING
4) 144" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
2) Hole - 48

- 0 lb
23623 lb
19370 lb
37954 lb
29054 lb
39578 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
- Structure Notes: .
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. 4" CASTING BY OTHERS
4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE
5. ICAST TO INSTALL BRACKETS ONLY
6. CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE

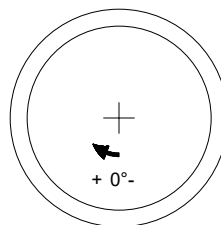
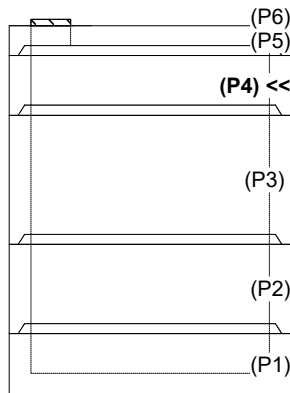
Structure Total: 149579 lb

- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .36)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

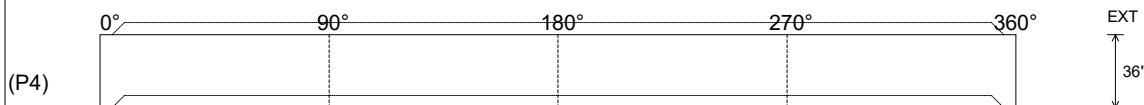
Rim: 1019.05' Rim to Invert: 9.75' Slack: 11.036" Sump: 108.036" Step Position:

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):

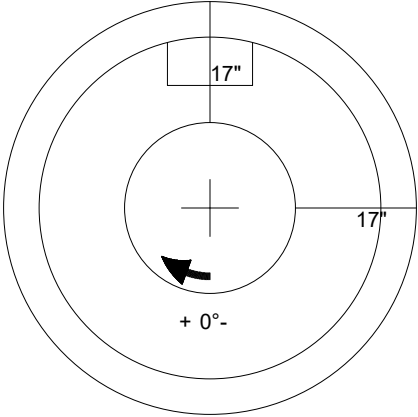
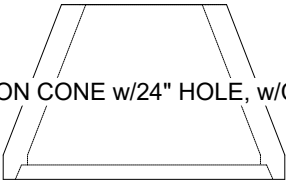
Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 13"
Floor Height: 0"

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

Weight (Net): 19370 lb
Volume (Net): 4.95cu.yd

Job Name: 26-2736 ADS UA Local 52 Job Location: Louisville, KY Contractor: ADS Advanced Drainage Systems, Inc.						Plant: Beaver Dam 7/9/2026 9:08:39 AM		Tech: S. Felletter PC: T. Ryan															
Structure ID: S216																							
P1 MH036BA18		MH BASE T/n																					
P7) 24" - CASTING HEIGHT - 7" P6) 24" - GRADE RING F/F - 4" P5) 36" - MH FLAT TOP w/ 24" Ctr. Hole F/G - 10" P4) 36" - MH RISER T/G - 12" P3) 36" - MH RISER T/G - 72" P2) 36" - MH RISER T/G - 72" P1) 36" - MH BASE T/n - 18" 1) ASSEMBLY REQUIRED 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 Storm 4) 36" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 2) Hole - 12						0 lb 270 lb 896 lb 506 lb 3037 lb 2960 lb 1525 lb 0 lb 0 lb 0 lb 271 lb 0 lb 0 lb 0 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE MC-375 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: 549.59' Rim to Invert: 11.71' Slack: 0.48" Sump: 54.96" Step Position:						Structure Total: 9465 lb																	
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																							
(P7) (P6) (P5) (P4) (P3) (P2) (P1) << RIGHT-SIDE UP VIEW (int. dimensions) UPSIDE-DOWN VIEW (int. dimenions) INSIDE WALL DIMENSIONS (P1) <tr><td colspan="3">Coating (Int): Coating (Ext):</td><td colspan="2">Seam Up: Tongue Seam Dn: n/a</td><td colspan="2">Wall Thickness: 4" Floor Height: 6"</td><td colspan="2">Height (Int): 18" Height (Ext): 24"</td><td colspan="3">Weight (Net): 1525 lb Volume (Net): 0.39cu.yd</td></tr>												Coating (Int): Coating (Ext):			Seam Up: Tongue Seam Dn: n/a		Wall Thickness: 4" Floor Height: 6"		Height (Int): 18" Height (Ext): 24"		Weight (Net): 1525 lb Volume (Net): 0.39cu.yd		
Coating (Int): Coating (Ext):			Seam Up: Tongue Seam Dn: n/a		Wall Thickness: 4" Floor Height: 6"		Height (Int): 18" Height (Ext): 24"		Weight (Net): 1525 lb Volume (Net): 0.39cu.yd														

Job Name: 26-2310 - 3rd & Madison Townhomes - Ph. 1 Job Location: Nashville, TN 37208 Contractor: Hayes Pipe Supply		Plant: 100 6/15/2026 11:40:05 AM	Tech: Jared - F PC: E. Bradley	
Structure ID: PMH3 SS-MH				
P2 MH048CCN36CDARED		CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G		
P3) 24" - CASTING HEIGHT - 7" P2) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red F/G - 36" P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18" 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) ADMIXTURE CONBLOCK CDA RED 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-08 NYLO 4) MH Step ML-10-TDS-NCR - 10"		0 lb 2251 lb 2540 lb 0 lb 0 lb 0 lb 1440 lb 0 lb 0 lb 8 lb 0 lb ----- 6239 lb	Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. ADMIXTURE = CONBLOCK CDA RED. 4. CASTING SUPPLIED BY OTHERS. REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.	
				
				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 36"	Weight (Net): 2251 lb Volume (Net): 0.57cu.yd

Job Name: 26-2736 ADS UA Local 52

Job Location: Louisville, KY

Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam

7/9/2026 9:09:19 AM

Tech: S. Felletter

PC: T. Ryan

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: S110

P2MH060RS72

MH RISER T/G

P6) 24" - CASTING HEIGHT - 7"

P5) 60" - MH FLAT TOP w/24" Ctr. Hole F/G - 13"

P4) 60" - MH RISER T/G - 24"

P3) 60" - MH RISER T/G - 72"

P2) 60" - MH RISER T/G - 72"

P1) 60" - MH BASE T/n - 24"

1) ASSEMBLY REQUIRED

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 Storm

4) 60" - Conseal CS-102 1.00" (Double)

1) 24" - Conseal CS-102 1.00" (Double)

2) Hole - 12

0 lb

2674 lb

2505 lb

7516 lb

7402 lb

5239 lb

0 lb

0 lb

0 lb

271 lb

0 lb

0 lb

0 lb

Structure Total: 25607 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").

.

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.

- RISER/WALLS (As .18)

- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 549.66'

Rim to Invert: 11.04'

Slack: 1.48"

Sump: 81"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	538.62'	0°	0"	8" HDPE	9.1"	Hole 12	12"	12.081"	50.25"	0"
Invert 2	538.62'	254°	159.593"	8" HDPE	9.1"	Hole 12	12"	12.081"	50.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

(P6)

(P5)

(P4)

(P3)

(P2) <<

(P1)

Invert: 1

Degree: 0°

Horz: 0"

Hole: 12"

Up(): 50.25"

Invert: 2

Degree: 254°

Horz: 132.994"

Hole: 12"

Up(): 50.25"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

0"

132.994"

1

2

50.25"

50.25"

(P2)

EXT

72"

Coating (Int):

Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 6"
Floor Height: 0"

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

Weight (Net): 7402 lb
Volume (Net): 1.89cu.yd

Job Name: 26-2310 - 3rd & Madison Townhomes - Ph. 1 Job Location: Nashville, TN 37208 Contractor: Hayes Pipe Supply					Plant: 100		Tech: Jared - F			
					6/15/2026 10:58:54 AM		PC: E. Bradley			
Structure ID: A4 ST-DCI										
P1 MH060BAVF			MH BASE Custom Ht F/n							
P3) 28" x 28" - CASTING HEIGHT - 7.50" P2) 60" - MH FLAT TOP w/(2) 28"x28" Holes F/F - 8" P1) 60" - MH BASE Custom Ht F/n - 32" 1) 60" - Conseal CS-102 1.00" 1) 28" x 28" - Conseal CS-102 1.00" 1) Hole - 40 x 28 1) Hole - 26						0 lb 1680 lb 5134 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 6814 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 SUPPLIED BY OTHERS (JBS 3300 F/G/H - DOUBLE CURB INLET). REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .18) - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.		
Rim: 422.26' Rim to Invert: 3.68' Slack: 0.285" Sump: 3.625" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	418.58'	0°	0"	30" x 19" ELL RCP	37.25" x 26.25"	Hole 40 x 28	40" x 28"	43.784", 16.009"	0"	0"
Invert 2	418.58'	145°	91.125"	18" RCP B WALL	23"	Hole 26	26"	26.891"	1.125"	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: 6"	Height (Int): 32"	Weight (Net): 5134 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 8"	Height (Ext): 40"	Volume (Net): 1.31cu.yd

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

Plant: 100

3/27/2026 11:40:40 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301560

P3 MH060TS15-48ECC

MH Transition Slab 48" Hole T/G

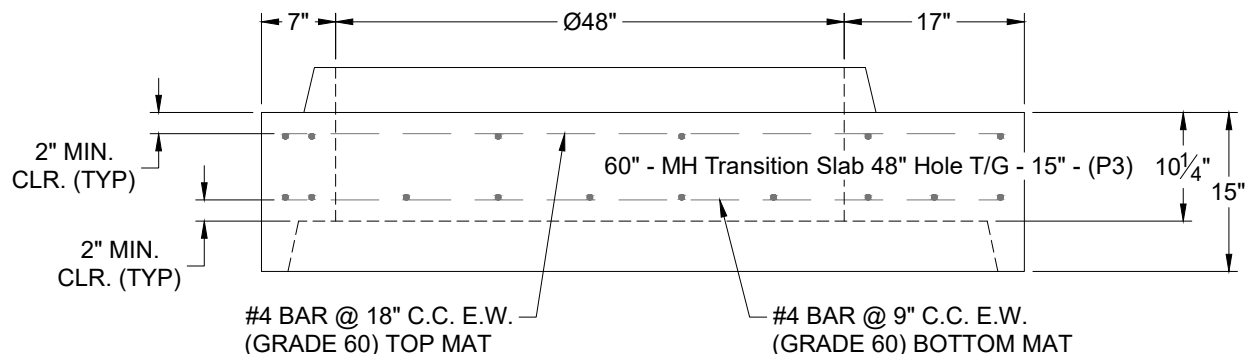
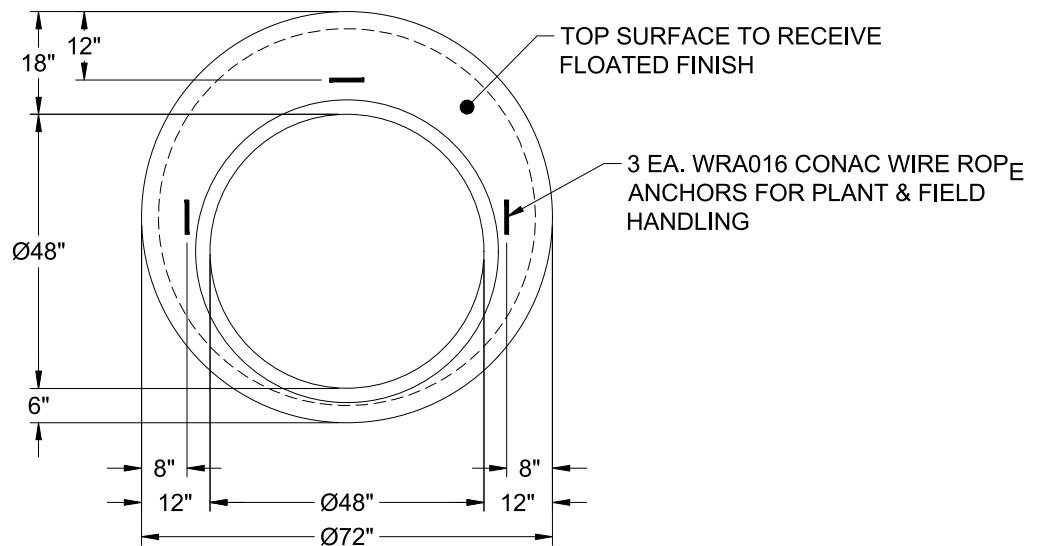
P6) 24" - CASTING HEIGHT - 7"
P5) 48" - CON CONE w/24" HOLE F/G - 36"
P4) 48" - MH RISER T/G - 36"
P3) 60" - MH Transition Slab 48" Hole T/G - 15"
P2) 60" - MH RISER w/DROP T/G - 60"
P1) 60" - MH BASE (10"F) w/DROP Custom Ht T/n - 62"
1) 60" - MH INVERT CHANNEL - FULL HEIGHT
1) SECONDARY POUR - Add Exterior Drop to Base (P1)
1) SECONDARY POUR - Add Exterior Drop to Riser (P2)
2) 60" - Conseal CS-102 1.00" (Double)
2) 48" - Conseal CS-102 1.00" (Double)
2) A-Lok - 1235
1) Drop Tee - 8" PVC
1) Drop Elbow - 8" PVC
16) MH Step ML-10-TDS-NCR - 10"

0 lb
2252 lb
2515 lb
2204 lb
6235 lb
11601 lb
2692 lb
3096 lb
2580 lb
0 lb
0 lb
2 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 33177 lb

Structure Notes:

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



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 6"

Height (Ext): 15"

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

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements

Job Location: Fort Mitchell, KY 41017

Contractor: Lykins Contracting

Plant: 100

3/20/2026 1:21:50 PM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301563

P1 MH060BA48

MH BASE w/DROP T/n

P5) 24" - CASTING HEIGHT - 7"

P4) 48" - CON CONE w/24" HOLE F/G - 36"

P3) 60" - MH Transition Slab 48" Hole T/G - 15"

P2) 60" - MH RISER w/DROP Custom Ht T/G - 51"

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

1) 60" - MH INVERT CHANNEL - FULL HEIGHT

1) SECONDARY POUR - Add Exterior Drop to Base (P1)

1) SECONDARY POUR - Add Exterior Drop to Riser (P2)

2) 60" - Conseal CS-102 1.00" (Double)

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

2) A-Lok - 1235

1) Drop Tee - 8" PVC

1) Drop Elbow - 8" PVC

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

0 lb

2252 lb

2204 lb

5295 lb

6361 lb

2692 lb

2408 lb

2193 lb

0 lb

0 lb

2 lb

0 lb

0 lb

0 lb

0 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT:

- WALLS: PER ASTM A615 - DOUBLE MAT

- FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. INVERT CHANNEL REQUIRED

5. STEPS AT 75 DEGREES

6. 7" CASTING SUPPLIED BY OTHERS

7. EXTERIOR DROP AT INVERTS 2 & 4 SUPPLIED BY ICAST

Structure Total: 23408 lb

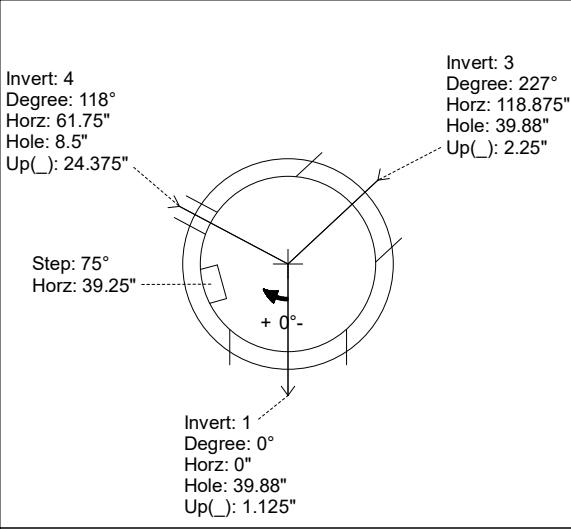
FIRST POUR (BASE): 6,361 LBS

SECOND POUR (DROP): 2,408 LBS

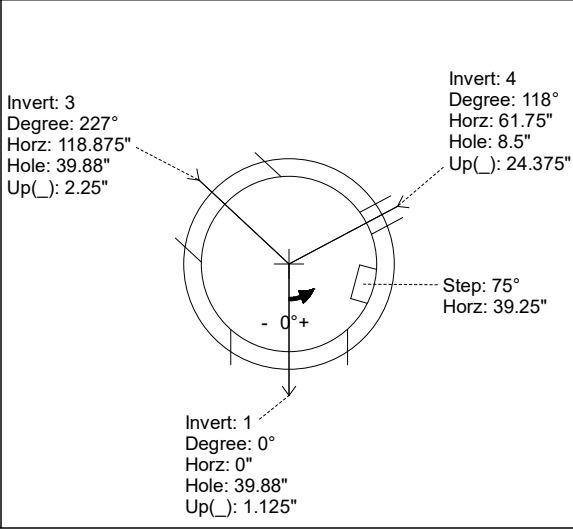
Rim: 757.31' Rim to Invert: 13.07' Slack: 2.84" Sump: 3" Step Position: 75°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	744.24'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"
Invert 2										
Invert 3	744.34'	227°	142.625"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"
Invert 4	746.04'	118°	74.125"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.529"	24.375"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

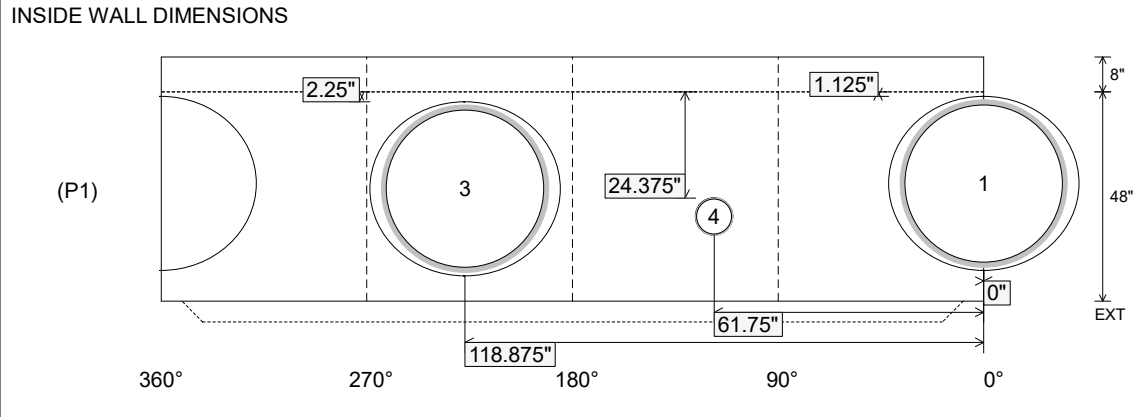
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 48"

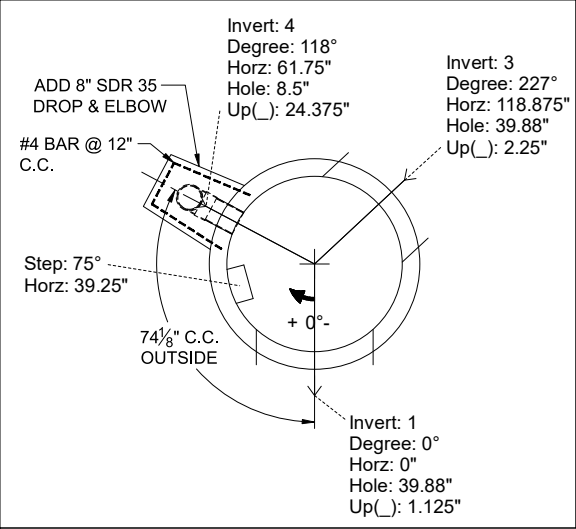
Height (Ext): 56"

Weight (Net): 6361 lb

Volume (Net): 1.62cu.yd

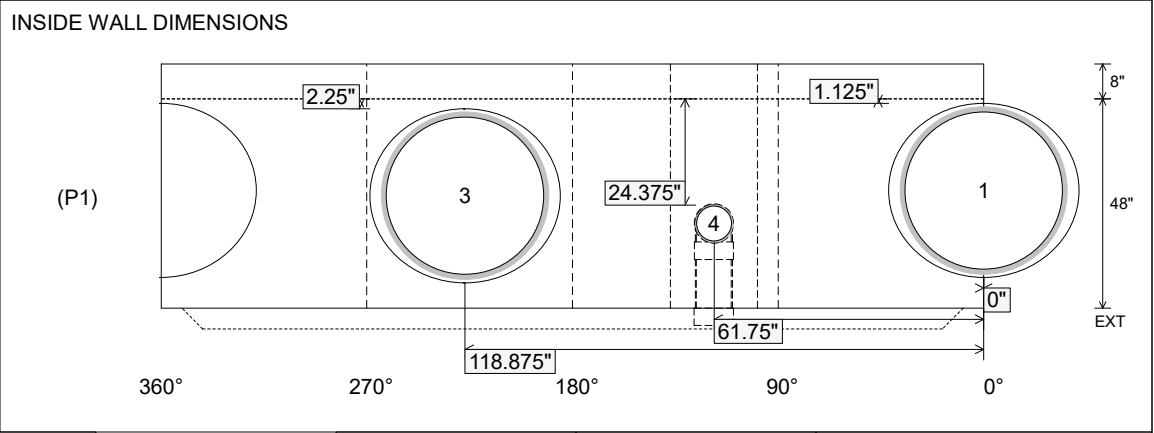
Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements Job Location: Fort Mitchell, KY 41017 Contractor: Lykins Contracting				Plant: 100 3/20/2026 1:21:50 PM		Tech: J. Horsley - A PC: Celina Goff				
Structure ID: 2301563										
P1 MH060BA48		MH BASE w/DROP T/n								
P5) 24" - CASTING HEIGHT - 7" P4) 48" - CON CONE w/24" HOLE F/G - 36" P3) 60" - MH Transition Slab 48" Hole T/G - 15" P2) 60" - MH RISER w/DROP Custom Ht T/G - 51" P1) 60" - MH BASE w/DROP T/n - 48" 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) SECONDARY POUR - Add Exterior Drop to Base (P1) 1) SECONDARY POUR - Add Exterior Drop to Riser (P2) 2) 60" - Conseal CS-102 1.00" (Double) 1) 48" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1235 1) Drop Tee - 8" PVC 1) Drop Elbow - 8" PVC 11) MH Step ML-10-TDS-NCR - 10"					0 lb 2252 lb 2204 lb 5295 lb 6361 lb 2692 lb 2408 lb 2193 lb 0 lb 0 lb 2 lb 0 lb 0 lb 0 lb 0 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. EXTERIOR DROP REINFORCEMENT: DRILL & STUB #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. STEPS AT 75 DEGREES 6. 7" CASTING SUPPLIED BY OTHERS 7. EXTERIOR DROP AT INVERTS 2 & 4 SUPPLIED BY ICAST 8. ADD 8" SDR 35 DROP & ELBOW AT INVERT 4 (118°)			
Structure Total: 23408 lb					FIRST POUR (BASE): 6,361 LBS SECOND POUR (DROP): 2,408 LBS					
Rim: 757.31' Rim to Invert: 13.07' Slack: 2.84" Sump: 3" Step Position: 75°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	744.24'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"
Invert 2										
Invert 3	744.34'	227°	142.625"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"
Invert 4	746.04'	118°	74.125"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.529"	24.375"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 48" Height (Ext): 56"	Weight (Net): 6361 lb Volume (Net): 1.62cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements

Job Location: Fort Mitchell, KY 41017

Contractor: Lykins Contracting

Plant: 100

3/20/2026 1:21:50 PM

Tech: J. Horsley - A

PC: Celina Goff

Structure ID: 2301563

P1 MH060BA48

MH BASE w/DROP T/n

P5) 24" - CASTING HEIGHT - 7"

P4) 48" - CON CONE w/24" HOLE F/G - 36"

P3) 60" - MH Transition Slab 48" Hole T/G - 15"

P2) 60" - MH RISER w/DROP Custom Ht T/G - 51"

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

1) 60" - MH INVERT CHANNEL - FULL HEIGHT

1) SECONDARY POUR - Add Exterior Drop to Base (P1)

1) SECONDARY POUR - Add Exterior Drop to Riser (P2)

2) 60" - Conseal CS-102 1.00" (Double)

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

2) A-Lok - 1235

1) Drop Tee - 8" PVC

1) Drop Elbow - 8" PVC

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

0 lb

2252 lb

2204 lb

5295 lb

6361 lb

2692 lb

2408 lb

2193 lb

0 lb

0 lb

2 lb

0 lb

0 lb

0 lb

0 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT:

- WALLS: PER ASTM A615 - DOUBLE MAT

- FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. INVERT CHANNEL REQUIRED

5. STEPS AT 75 DEGREES

6. 7" CASTING SUPPLIED BY OTHERS

7. EXTERIOR DROP AT INVERTS 2 & 4 SUPPLIED BY ICAST

Structure Total: 23408 lb

Rim: 757.31'

Rim to Invert: 13.07'

Slack: 2.84"

Sump: 3"

Step Position: 75°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	744.24'	0°	0"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	1.125"	0"
Invert 2										
Invert 3	744.34'	227°	142.625"	36" PVC SDR35/F679	38.3"	A-Lok 1235	39.88"	43.623"	2.25"	0"
Invert 4	746.04'	118°	74.125"	8" PVC SDR35	8.5"	Drop Elbow 8" PVC	8.5"	8.529"	24.375"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

INVERT CHANNEL DRAWING

(P5)

(P4)

(P3)

(P2)

(P1) <<

INSIDE WALL DIMENSIONS

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 48"

Height (Ext): 56"

Weight (Net): 6361 lb

Volume (Net): 1.62cu.yd

Job Name: 25-3187 - Carter Caves WTP Upgrades Ph 3

Job Location: Olive Hill, KY

Contractor: Walker Principles

Plant: 100

7/8/2026 8:43:17 AM

Tech: J. Horsley

PC: E. Bradley



Structure ID: RAS/WAS WW

P2 MH096RS96

MH RISER

P5) 96" - MH FLAT TOP w/36"x54" Hatch - 17"

P4) 96" - MH RISER Custom Ht - 88"

P3) 96" - MH RISER - 96"

P2) 96" - MH RISER - 96"

P1) 96" - MH SEPARATE BASE-T EXT. 14" (142" OD) - 12"

4) JOINT WRAP - 12" WD x 096" MAC WRAP

1) HATCH (Alum.) - HALLIDAY W1S 36"x54"

4) 96" - Conseal CS-231 1.00" (Double)

1) A-Lok - 0150

2) A-Lok - 0225

8969 lb

21906 lb

23915 lb

23846 lb

19580 lb

0 lb

107 lb

0 lb

1 lb

2 lb

Structure Total: 98327 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,500 PSI AT 28 DAYS.

3. NO STEPS / NO INVERT CHANNEL.

4. HATCH BY ICAST (HALLIDAY W1S 36"x54")

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.

- RISER/WALLS (As .24)

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

Rim: 890.5'

Rim to Invert: 18.4'

Slack: 0.6"

Sump: 76.8"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 8	872.1'	135°	134.303"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	70.985"	0"
Invert 9	872.1'	225°	223.838"	6" DI	6.875"	A-Lok 0225	7.63"	7.638"	70.985"	0"

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 8

Degree: 135°

Horz: 113.097"

Hole: 7.63"

Up(_): 70.985"

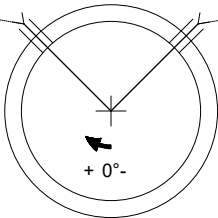
Invert: 9

Degree: 225°

Horz: 188.496"

Hole: 7.63"

Up(_): 70.985"



INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

113.097"

188.496"

70.985"

70.985"

EXT

96"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 9"

Floor Height: 0"

Height (Int): 96"

Height (Ext): 96"

Weight (Net): 23846 lb

Volume (Net): 6.09cu.yd

Job Name: 26-2254 - Wilder Box Culvert
Job Location: Wilder, KY
Contractor: Eaton Asphalt

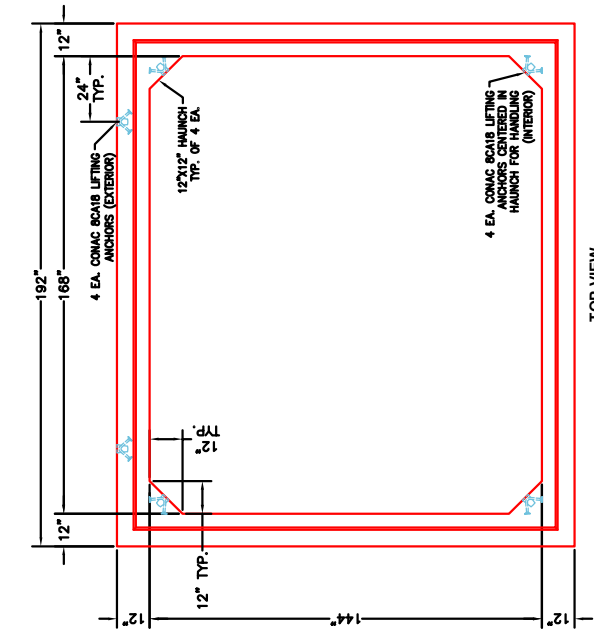
Plant: 100
7/6/2026 1:23:23 PM

Tech: Jared - A
PC: E. Bradley

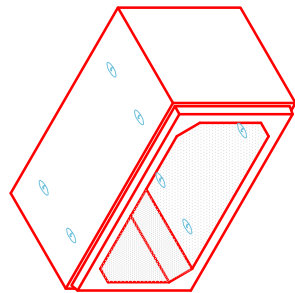


Structure ID: Box Culvert
P23 BC168144-12W12T12F-12H BOX CULVERT (12W/12F/12T) T/G

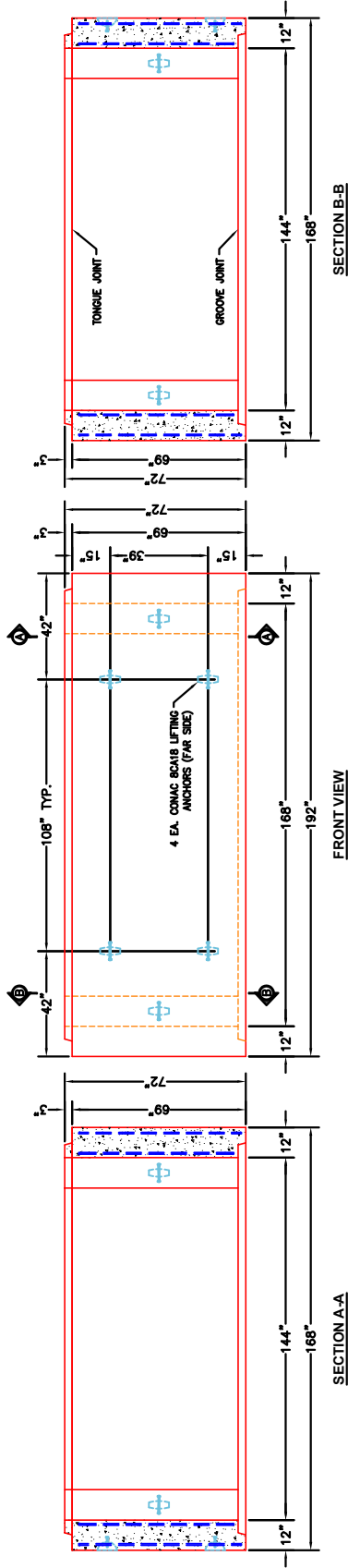
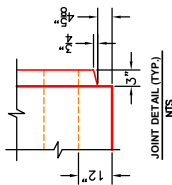
- NOTES:
- 1. BOX CULVERT IS DESIGNED PER ATTACHED PE STAMPED DRAWINGS & CALCULATIONS.
 - 2. LOAD REQUIREMENTS PER KY-HL93 (KY TABLE 1)
 - 3. COVER DEPTH = 15' - 0"
 - 4. CONCRETE: 5,000 PSI AT 28 DAYS.
 - 5. REINFORCING: AS SHOWN BY MATT CHILDS ENGINEERING.
 - 6. BOX CULVERT TO BE SEALED WITH CS-102 ROLL BUTYL MASTIC & CS-212 12" WRAP. (SUPPLIED BY ICAST).
 - 7. WEIGHT: 48,363 LBS.



TOP VIEW



COMPONENT ISOMETRIC VIEW



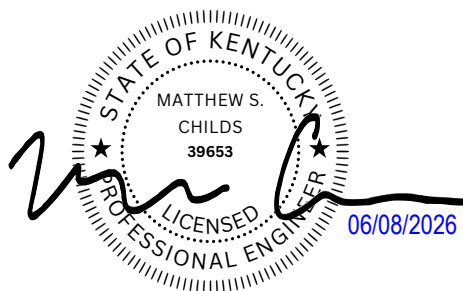
FRONT VIEW

SECTION B-B

SECTION A-A

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 12" Floor Height: 0"	Height (Int): 69" Height (Ext): 69"	Weight (Net): 48363 lb Volume (Net): 12.35cu.yd
----------------------------------	------------------------------------	---	--	--

Project: Mooch Road
Product: 14' x 12' Box Culvert
Job: 26-2254
Design No.:
Location: Wilder, KY
Reference #:



MATT CHILDS ENGINEERING, PLLC

Project : City of Wilder
Task : 14x12 15' Fill
Job No. :

Client: ICast
File: 20260605-ICast-CityofWilder-14x12(15'Fill).etcx

Sht ____ of ____
By:MBJ
Ck:
6/5/2026 4:35:08 PM
p. 1 of 2

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

Physical Dimensions

Clear Span:	14'-0"
Clear Height:	12'-0"
Top Slab:	1'-0"
Bottom Slab:	1'-0"
Ext. Wall:	1'-0"
Fill Depth:	15.00 ft
Length:	4'-0"
Skew Angle:	0.00 deg
Bottom Slab Support:	Full Slab
Top Haunch, Width:	1'-0"
Top Haunch, Height:	1'-0"
Bottom Haunch, Width:	1'-0"
Bottom Haunch, Height:	1'-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 : 65 ksi
Allow Stress: 39 ksi
Elasticity, E_s : 29000 ksi

Soil
Density: 0.120 kcf

Exposure Factor
Class 2 Exposure
Reinforcement Covers
Ext. Cover Top Slab: 1"
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: 5.85
Operating Rating: 7.59

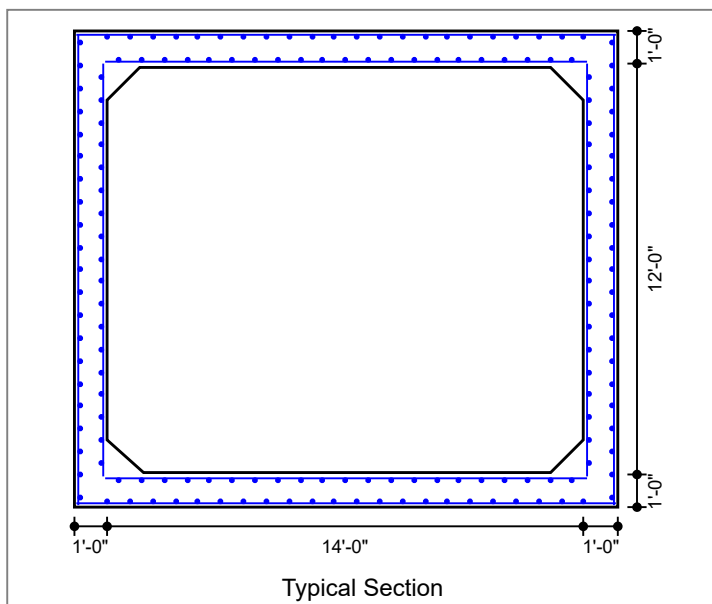
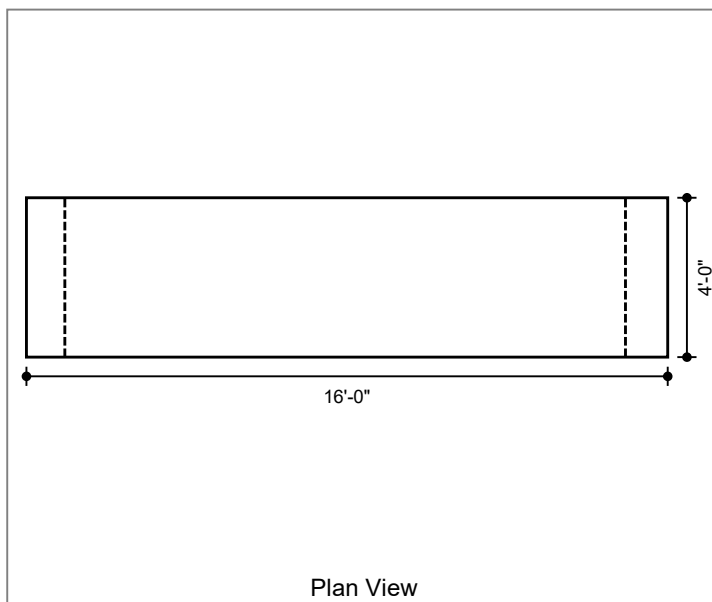
Loads

Live Load
Vehicle Names: HL-93
Traffic Direction: Parallel
Eq. Height of Soil: 2.00 ft (Calc'd)

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



MATT CHILDS ENGINEERING, PLLC

Project : City of Wilder

Task : 14x12 15' Fill

Job No. :

Client: ICast

File: 20260605-ICast-CityofWilder-14x12(15'Fill).etcx

Sht ____ of ____

By:MBJ

Ck: _____

6/5/2026 4:35:09 PM

p. 2 of 2

Concrete Summary

Volume of Concrete: 2.148 cy/ft Total Volume of Concrete: 8.593 cy

Reinforcing Steel Bar Schedule (lb)

Location	Mark	Sheets Included	As Provided
Top Slab(Int)	A100 (AS2)	Top	1.200
Bot Slab(Int)	A200 (AS3)	Bot	1.290
Top Slab(Ext)	A300 (AS7)	Top	0.300
Bot Slab(Ext)	A400 (AS8)	Bot	0.300
Corner(Top)	A1 (AS1)	Top	0.780
Corner(Bot)	A2 (AS1)	Bot	0.780
Wall(Int)	B1 (AS4)	L&R	0.300
Wall(Ext)	B2 (AS1)	L&R	0.780
Longit. Top (Int)	C100 (AS5)	Top	0.150
Longit. Bot (Int)	C200	Bot	0.150
Longit. Top (Ext)	C1 (AS6)	Top	0.150
Longit. Bot (Ext)	C1 (AS6)	Bot	0.150
Longit. Wall (Ext)	C1 (AS6)	L&R	0.150
Longit. Wall (Int)	C1 (AS6)	L&R	0.150

Job Name: 24-1643B - KYTC McCracken Co. Call 200 (ID 241301)
Job Location: Paducah, KY
Contractor: Jim Smith Contracting Co, LLC

Plant: 100

5/28/2026 7:52:49 AM

Tech: J. Horsley

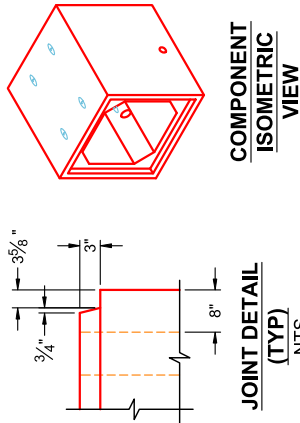
PC: C. Goff



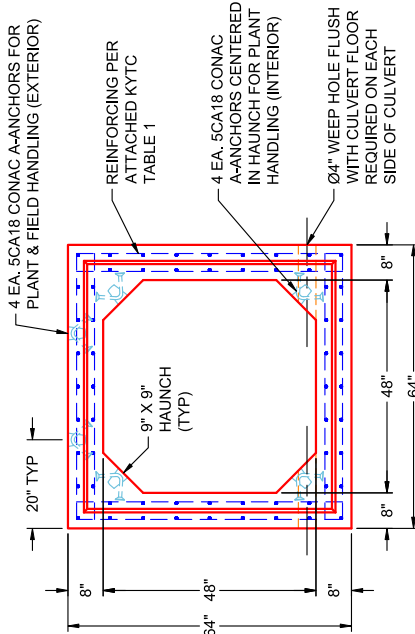
Structure ID: St. 45+00 (PC 9)

P1 BC048048-08WLF-9H

BOX CULVERT (08W/08F/08T) G/T

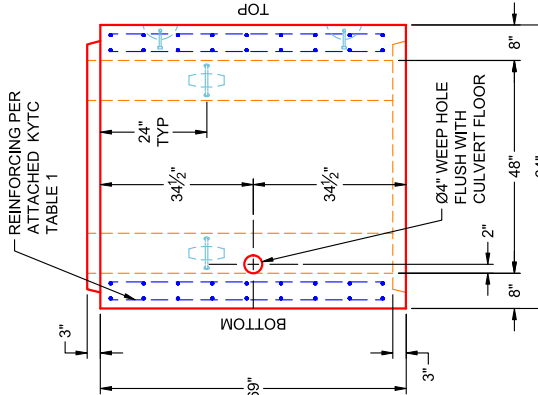


COMPONENT
ISOMETRIC
VIEW

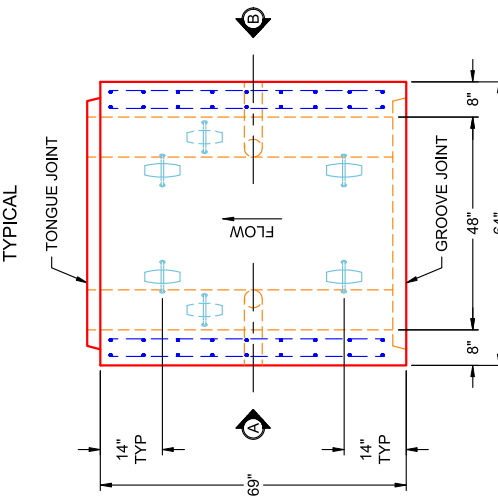


JOINT DETAIL
(TYP)
NTS

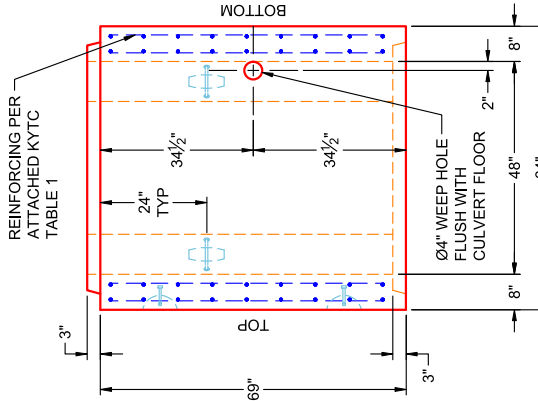
END VIEW
TYPICAL



VIEW A
PC 9
(UPRIGHT IN MOLD)



PLAN VIEW
PC 9
(UPRIGHT IN MOLD)



VIEW B
PC 9
(UPRIGHT IN MOLD)

- GENERAL NOTES:**
- PER SECTION 605 OF KYTC STANDARD SPECS FOR ROAD & BRIDGE CONSTRUCTION
- KYTC STAMP REQUIRED
- WEEP HOLES REQUIRED
 - LOAD REQUIREMENTS: KY-HL93 (KY TABLE 1)
 - REINFORCEMENT PER ATTACHED KYTC TABLE 1
 - COVER DEPTH: 0' - 7'
 - CONCRETE: 5,000 PSI AT 28 DAYS
 - JOINT SEALANT: 1" BUTYL MASTIC (CS-102)
EXTERIOR JOINT WRAP: 12" WIDE (CS-212)
 - WEIGHT: 4' X 4' RCBC = 1,968 LBS / LF
(5-9' LONG SECTION = 11,314 LBS)

PRODUCTION WORK ORDER



QUALITY CONTROL CHECKLIST

- ☐ ALL DIMENSIONS CORRECT.
- ☐ LIFTERS INSTALLED INSIDE.
- ☐ RECESS WITH HAUNCHES CORRECT.
- ☐ REINFORCING CORRECT.
- ☐ SURFACE QUALITY ACCEPTABLE.
- ☐ LIFTERS INSTALLED OUTSIDE.
- ☐ PRODUCT SQUARE.

PRODUCT I.D.: BC048048-08WLF-9H

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY

WEIGHT: 11,314 LBS

TOP SECTION JOINT: TONGUE

BASE SECTION JOINT: GROOVE

QC CHECK INITIALS:

DESCRIPTION: 48" X 48" X 69" BOX CULVERT (8" WALLS & 9" HAUNCH)

CUSTOMER: JIM SMITH CONTRACTING

PROJECT: KYTC MCCracken CO. CALL 200 (ID 241301)

STRUCTURE: ST. 45+00 (PC 9)

ORDER NO: 24-1643B

PE: J.H. ROSS

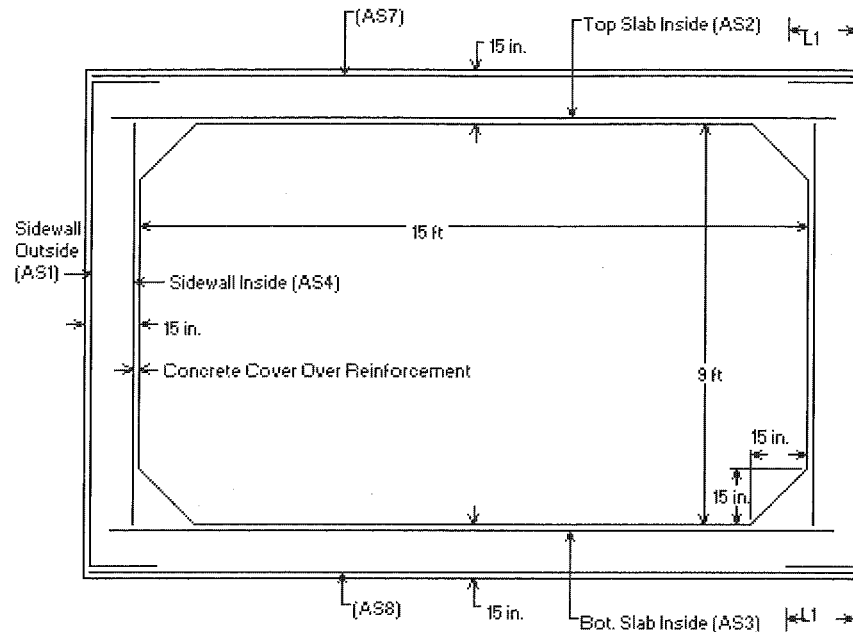
DRAWING: K. CARDWELL

DATE: 05/28/26

SCALE: NTS

PG. 1 OF 1

THIS DRAWING IS THE PROPERTY OF INFRASTRUCTURE PRECAST, INC. ANY USE OR DUPLICATION OF THIS DRAWING WITHOUT PRIOR AUTHORIZATION IS STRICTLY PROHIBITED.



- * <L1> is Splice Length
- * (AS7) is Top Slab Outside
- * (AS8) is Bottom Slab Outside
- * See Box Culvert Design Summary Sheet for transverse and distribution reinforcement, as required.
- * For sidewall thicknesses of 6 in. and above, extend AS2 and AS3 a min. of 4 in. beyond the inside face of the sidewall. For thicknesses less than 6 in., extend AS2 and AS3 at least to within 1-1/2 in. of the outside face of the sidewall.

Notes:

- 1) Other reinforcement schemes that provide the required reinforcement areas at all locations identified in the program output are acceptable.
- 2) Longitudinal reinforcement is not shown for clarity, see AASHTO M259 for longitudinal reinforcement and for additional requirements.

KY Table 1

Precast Culvert KYHL-93 Design Table

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
4x3x5	0<2*	0.18	0.705	0.199	0.12	0.18	0.144	0.18	0.18
	2<3	0.198	0.309	0.27	0.12	0.12	0.12		
	3-5	0.123	0.191	0.193	0.12	0.12	0.12		
	10	0.12	0.142	0.146	0.12	0.12	0.12		
	15	0.12	0.193	0.197	0.12	0.12	0.12		
	20	0.152	0.249	0.253	0.12	0.12	0.12		
	25	0.187	0.306	0.31	0.12	0.12	0.12		
	30	0.225	0.366	0.37	0.12	0.12	0.12		
	35	0.263	0.428	0.432	0.12	0.12	0.12		

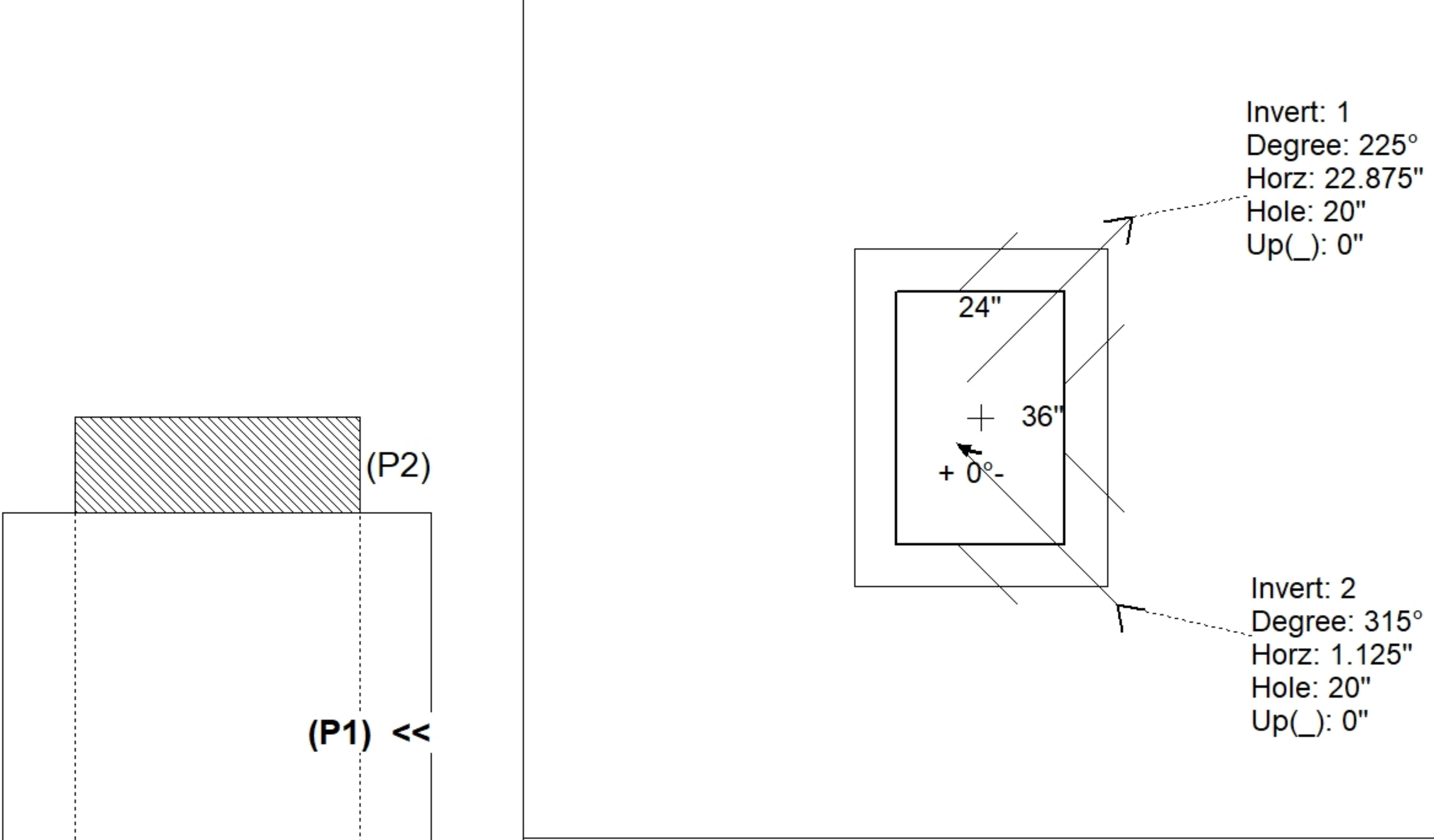
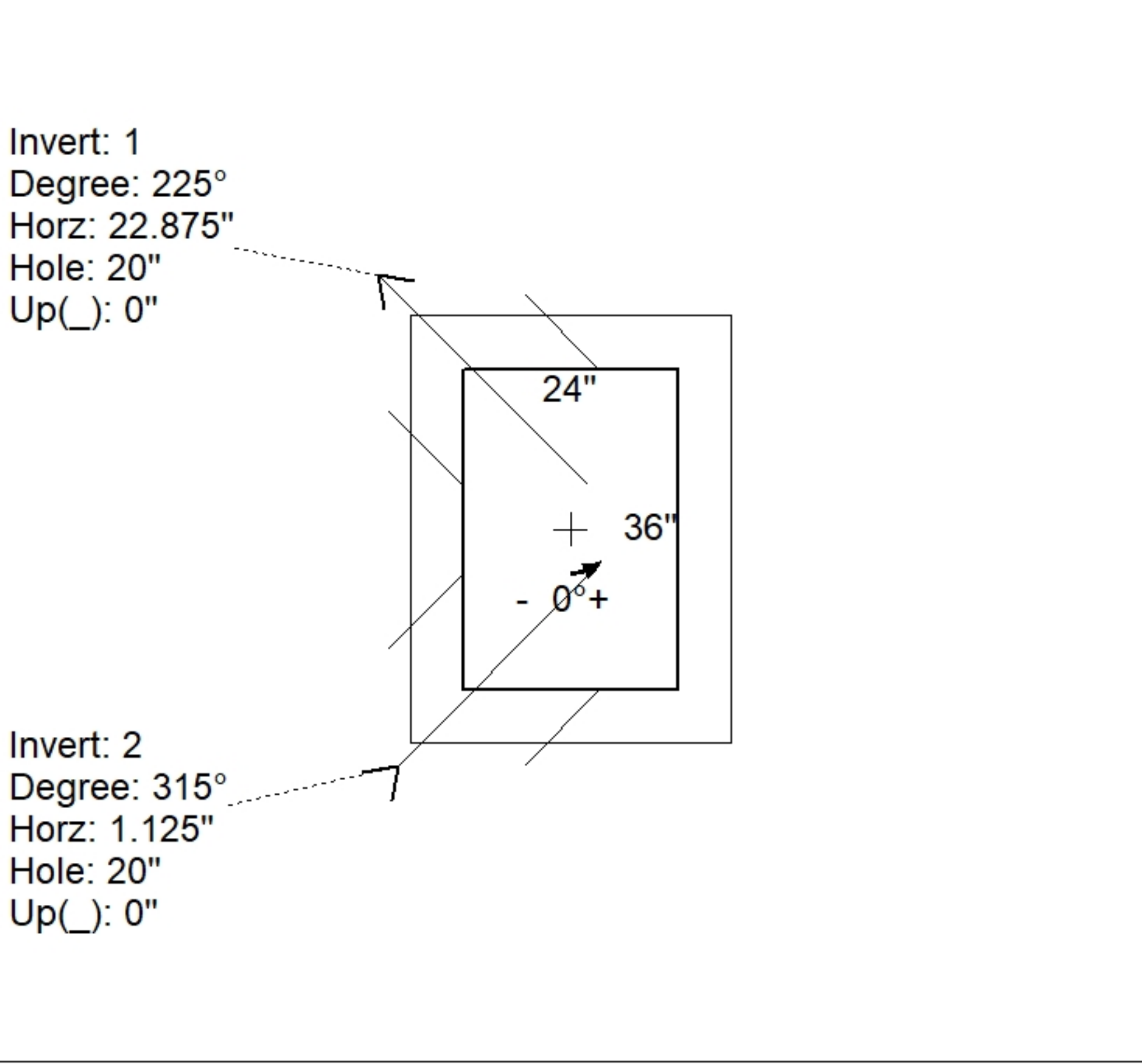
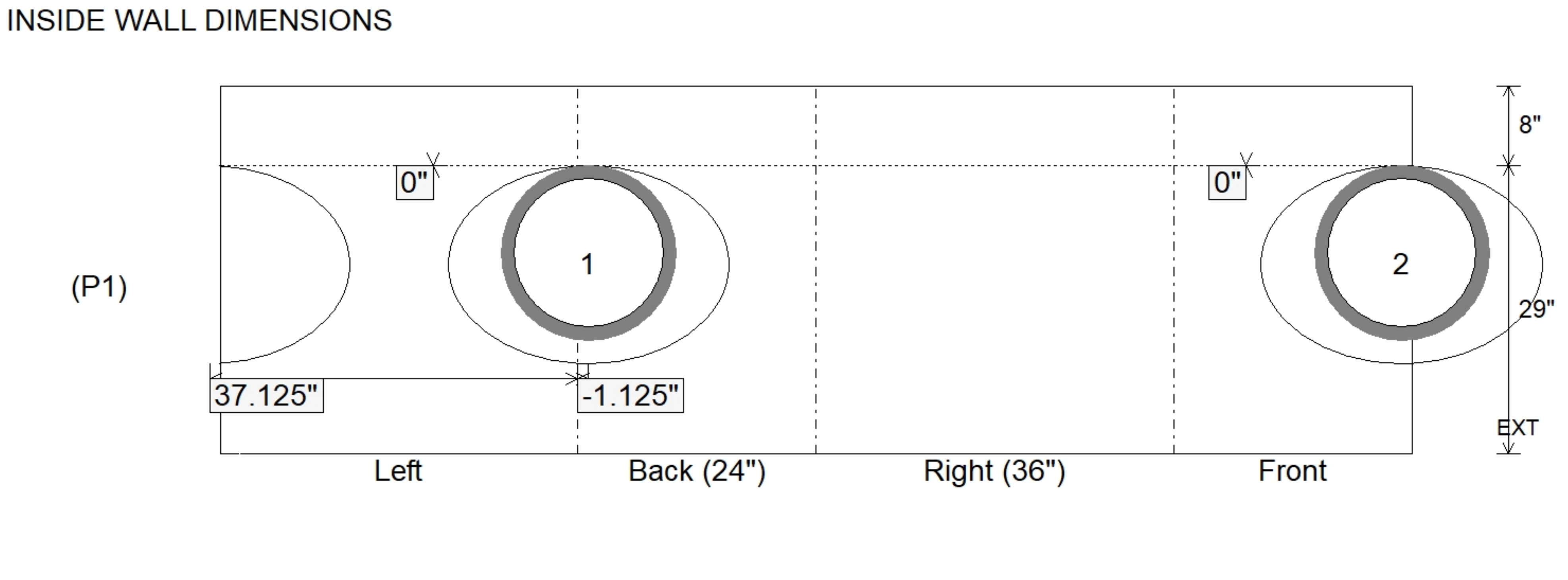
*top slab 7.5", bottom slab 6"

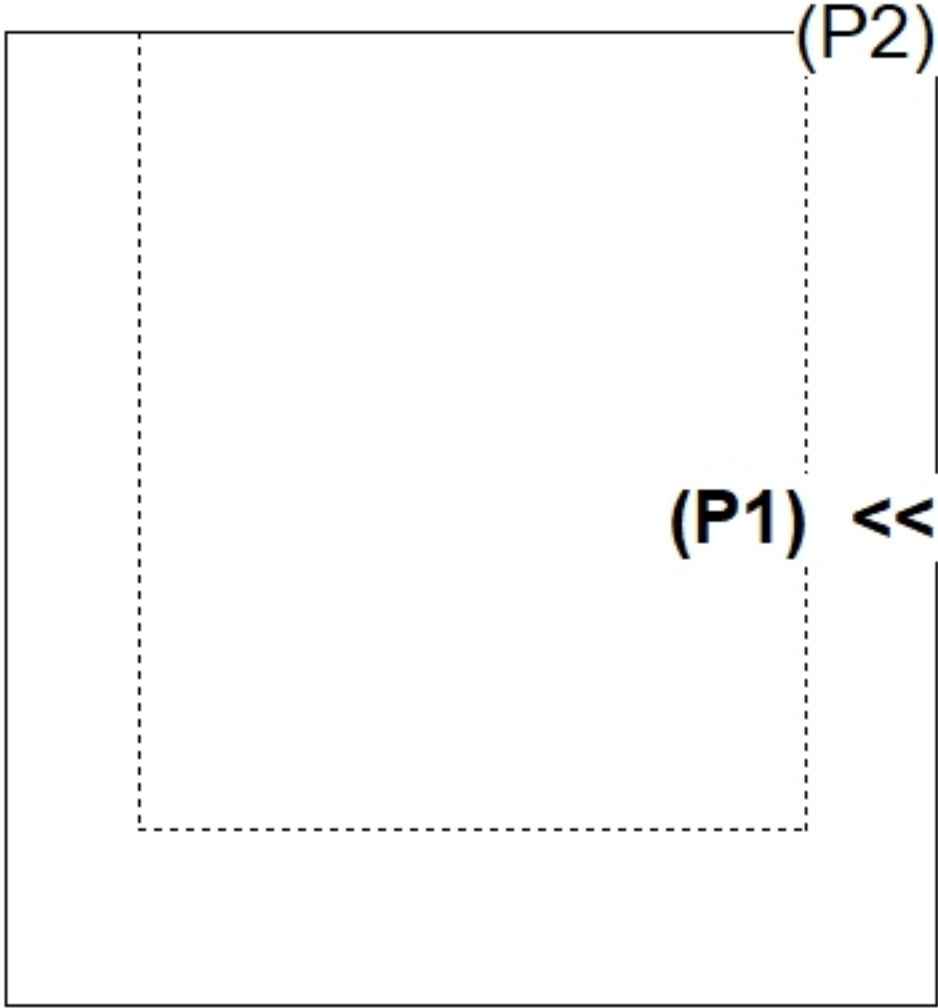
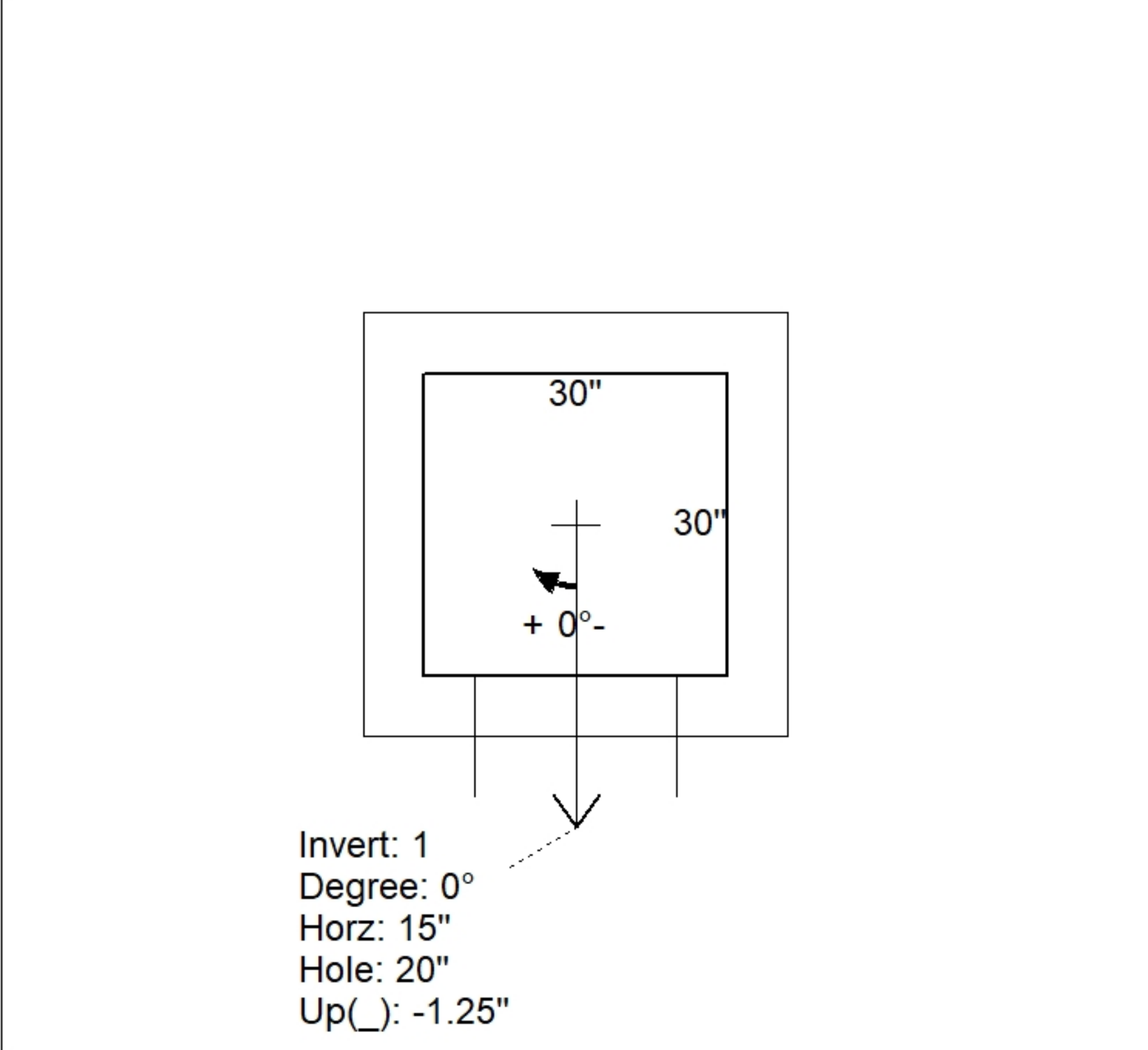
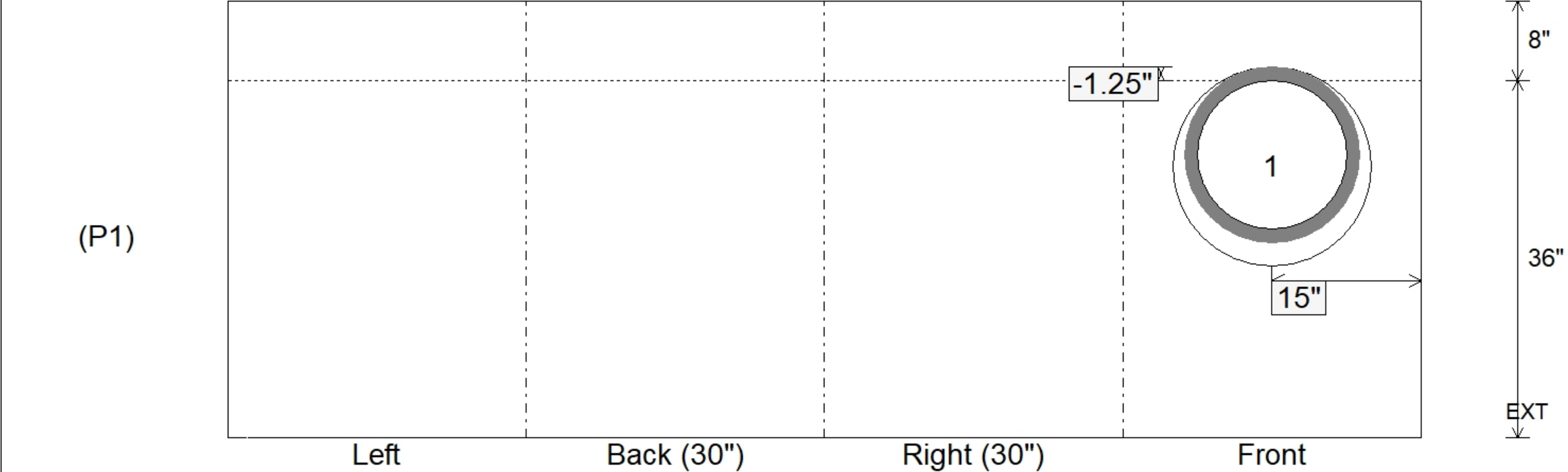
Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
4x4x5	0<2*	0.18	0.745	0.22	0.12	0.18	0.144	0.18	0.18
	2<3	0.154	0.314	0.276	0.12	0.12	0.12		
	3-5	0.12	0.215	0.219	0.12	0.12	0.12		
	10	0.12	0.155	0.162	0.12	0.12	0.12		
	15	0.12	0.21	0.217	0.12	0.12	0.12		
	20	0.124	0.269	0.276	0.12	0.12	0.12		
	25	0.152	0.331	0.339	0.12	0.12	0.12		
	30	0.182	0.396	0.403	0.12	0.12	0.12		
	35	0.213	1.205	0.471	0.12	0.12	0.12		

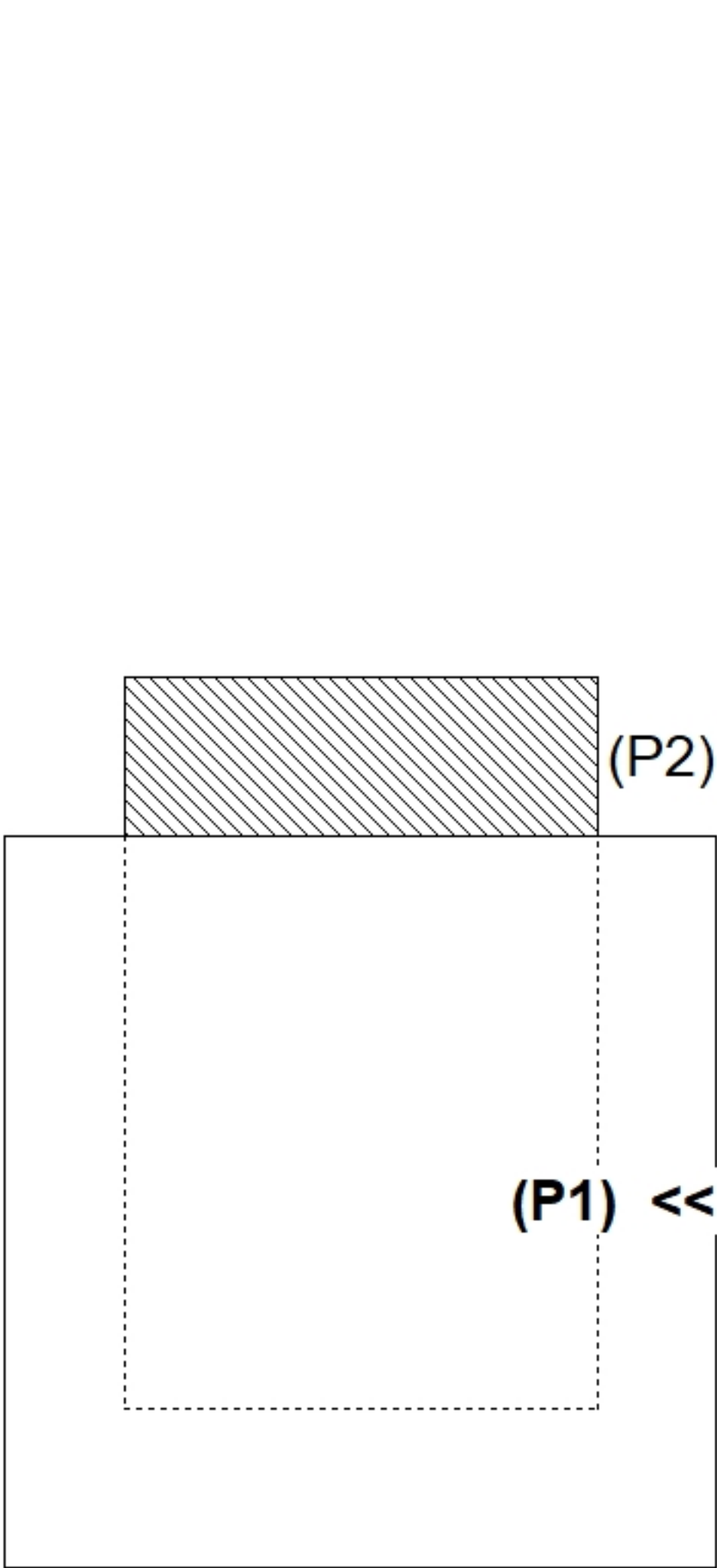
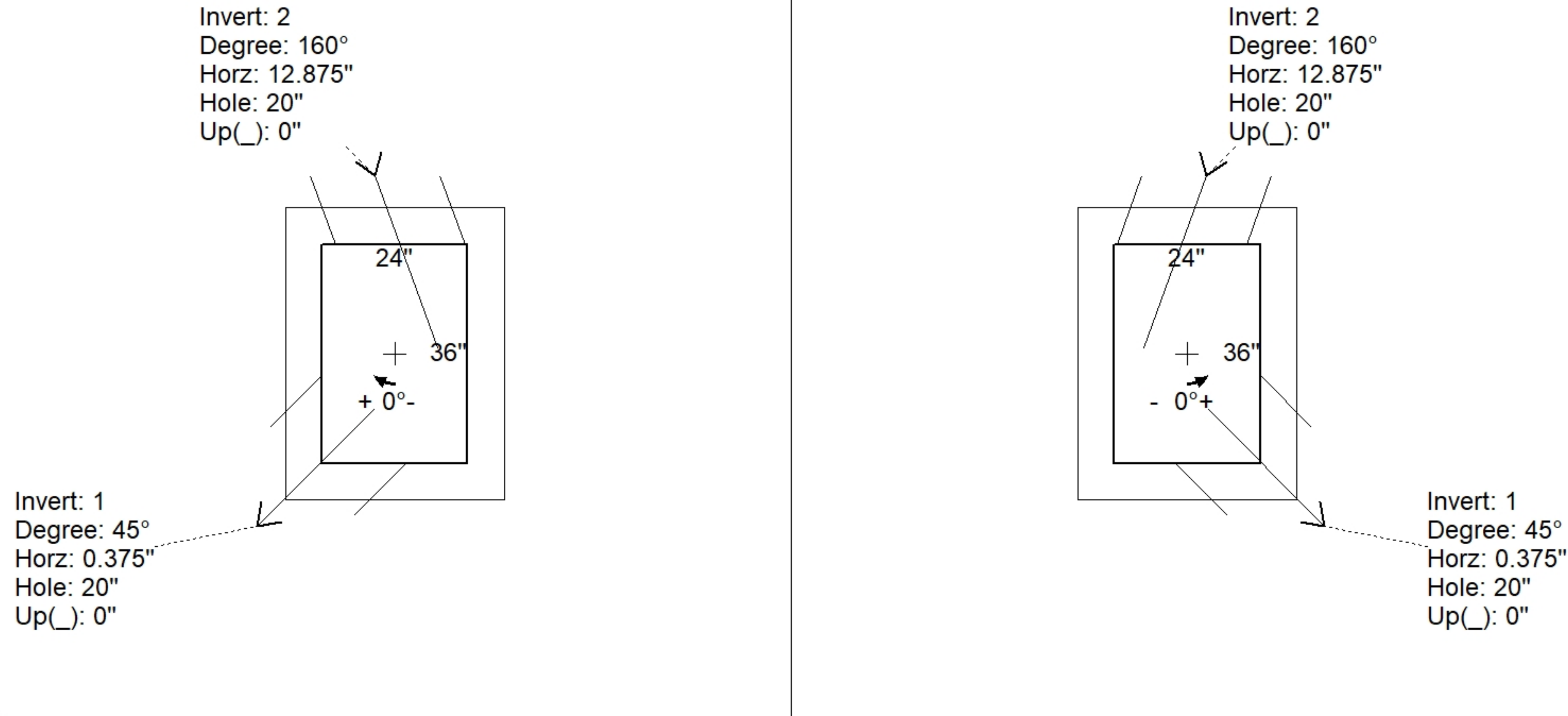
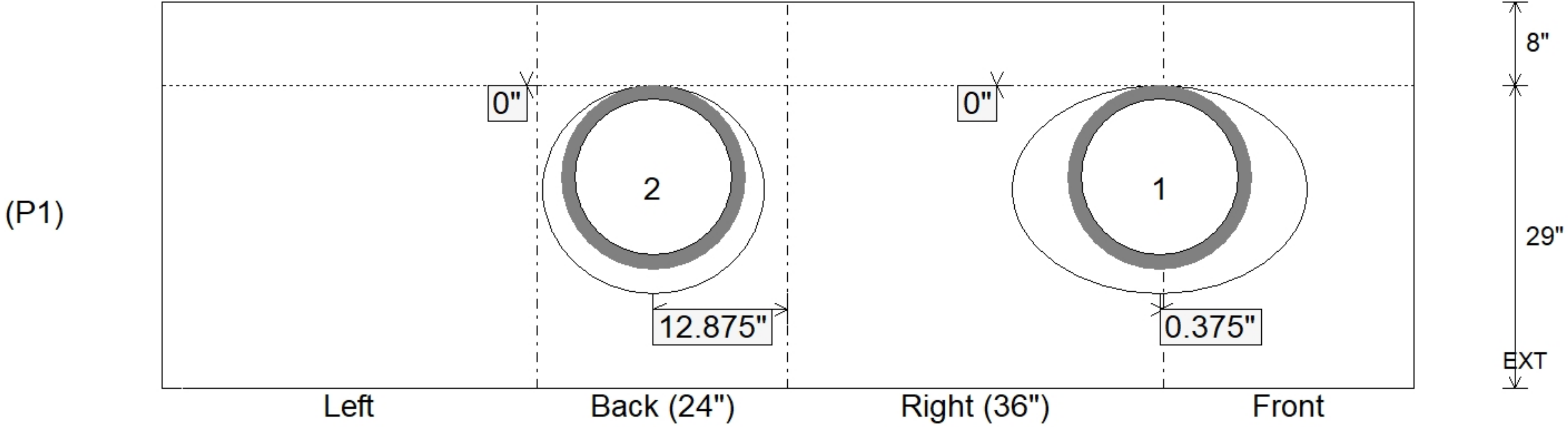
*top slab 7.5", bottom slab 6"

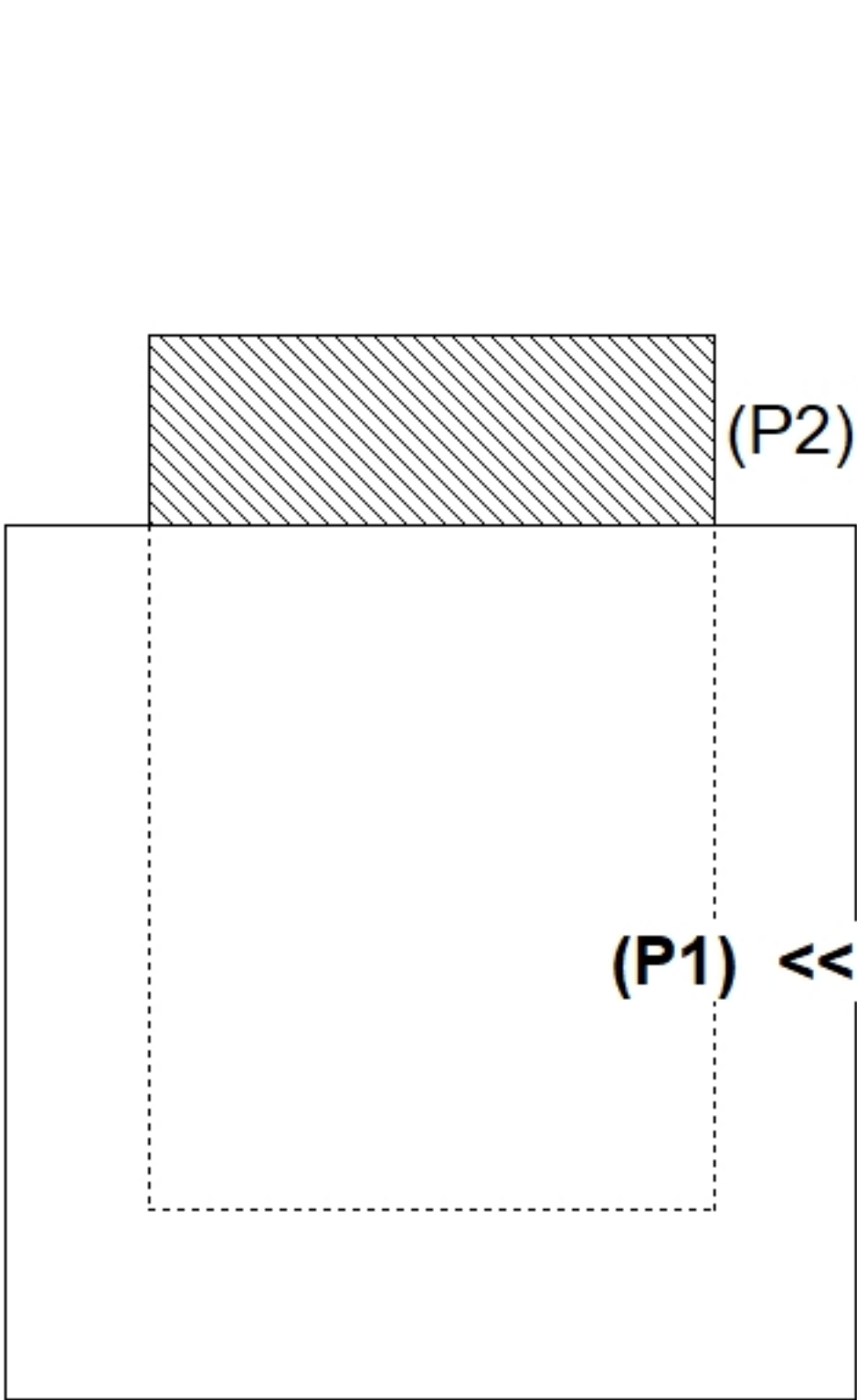
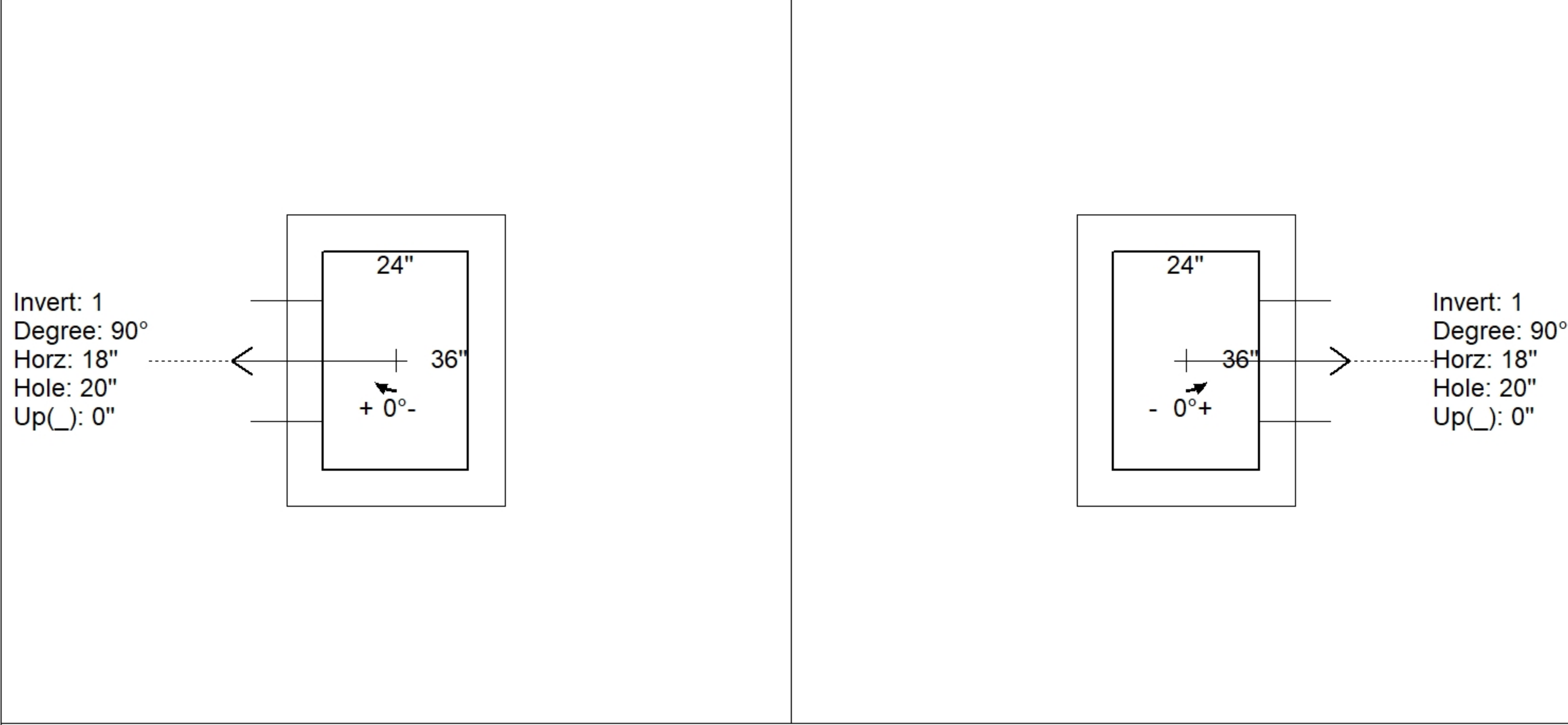
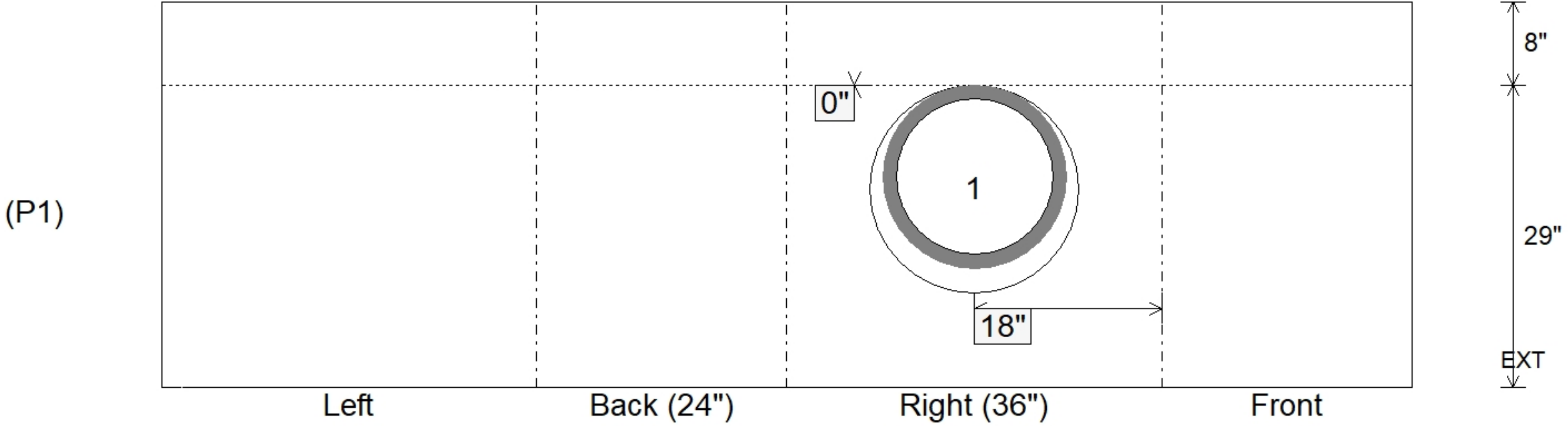
Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
5x3x6	0<2*	0.192	0.726	0.201	0.144	0.6	0.168	0.192	0.192
	2<3	0.224	0.288	0.232	0.144	0.144	0.144		
	3-5	0.16	0.205	0.19	0.144	0.144	0.144		
	10	0.144	0.164	0.168	0.144	0.144	0.144		
	15	0.174	0.224	0.228	0.144	0.144	0.144		
	20	0.223	0.288	0.292	0.144	0.144	0.144		
	25	0.276	0.354	0.359	0.144	0.144	0.144		
	30	0.331	0.423	0.427	0.144	0.144	0.144		
	35	0.389	1.349	1.168	0.144	0.144	0.144		

*top slab 8", bottom slab 7"

Job Name: 26-1852 - Oakland City CCMG Job Location: Oakland City, IN Contractor: SAMM Trucking & Excavating, Inc.					Plant: 100 7/15/2026 12:46:33 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: QL6 INJ10 RT - Mill & Jackson Street											
P1		BX2436-06W08F-BAVF			BOX BASE 6inW, 8inF, Variable Ht F/n						
P2) 24" x 36" - CASTING HEIGHT - 8" P1) 24" x 36" - BOX BASE 6inW, 8inF, Variable Ht F/n - 29" 1) 24" x 36" - Con Seal CS-102 1.00" 2) Hole - 20"						0 lb 2815 lb 0 lb 0 lb ----- Structure Total: 2815 lb		Structure Notes: 1. INDOT INLET TYPE J / ASTM C913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING (HOE R-3827-10V F/G/H) SUPPLIED BY ICAST. 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: 3'		Rim to Invert: 3'		Slack: 0.296"		Sump: 1.296"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	0'	225°	34.875"	15" HDPE	17.6"	Hole 20	20"	15.213", 13.071"	0"	-5"	
Invert 2	0'	315°	1.125"	15" HDPE	17.6"	Hole 20	20"	15.213", 13.071"	0"	5"	
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: 8"		Height (Int): 29" Height (Ext): 37"		Weight (Net): 2815 lb Volume (Net): 0.72cu.yd	

Job Name: 26-1852 - Oakland City CCMG Job Location: Oakland City, IN Contractor: SAMM Trucking & Excavating, Inc.				Plant: 100 7/15/2026 12:46:33 PM		Tech: J. Horsley PC: J. Jarvis					
Structure ID: QL5 INE7 - Trusler & Walnut Streets											
P1		BX3030-06W08F-BAVF			BOX BASE 6inW, 8inF, Variable Ht F/n						
P2) 30" x 30" - CASTING HEIGHT - 0" P1) 30" x 30" - BOX BASE 6inW, 8inF, Variable Ht F/n - 36" 1) 30" x 30" - SGL 1"x14.5' Butyl 1) Hole - 20					0 lb 3636 lb 0 lb 0 lb ----- 3636 lb		Structure Notes: .. 1. INDOT INLET TYPE E / ASTM C913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING (HOE R-4215C GRATE) BY ICAST. 4. RECESS/GRATE SEAT (34.5"x34.5"x1" DEEP) IN TOP OF WALLS. 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: 3'		Rim to Invert: 3'		Slack: 0"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	0'	0°	21"	15" HDPE	17.6"	Hole 20	20"	20"	-1.25"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions)					UPSIDE-DOWN VIEW (int. dimensions)						
											
INSIDE WALL DIMENSIONS											
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: n/a		Wall Thickness: 6" Floor Height: 8"		Height (Int): 36" Height (Ext): 44"		Weight (Net): 3636 lb Volume (Net): 0.93cu.yd	

Job Name: 26-1852 - Oakland City CCMG Job Location: Oakland City, IN Contractor: SAMM Trucking & Excavating, Inc.					Plant: 100 7/15/2026 12:46:32 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: QL4 INJ10 LT - Mill & Jackson Streets											
P1		BX2436-06W08F-BAVF			BOX BASE 6inW, 8inF, Variable Ht F/n						
P2) 24" x 36" - CASTING HEIGHT - 8" P1) 24" x 36" - BOX BASE 6inW, 8inF, Variable Ht F/n - 29" 1) 24" x 36" - SGL 1"x14.5' Butyl 2) Hole - 20						0 lb 2870 lb 0 lb 0 lb ----- 2870 lb		Structure Notes: 1. INDOT INLET TYPE J / ASTM C913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING (HOE R-3827-10V F/G/H) SUPPLIED BY ICAST. 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: 3'		Rim to Invert: 3'		Slack: 0.296"		Sump: 1.296"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	0'	45°	0.375"	15" HDPE	17.6"	Hole 20	20"	14.485", 13.799"	0"	-4"	
Invert 2	0'	160°	16.75"	15" HDPE	17.6"	Hole 20	20"	21.284"	0"	7"	
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: 8"		Height (Int): 29" Height (Ext): 37"		Weight (Net): 2870 lb Volume (Net): 0.73cu.yd		

Job Name: 26-1852 - Oakland City CCMG Job Location: Oakland City, IN Contractor: SAMM Trucking & Excavating, Inc.				Plant: 100 7/15/2026 12:46:32 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: QL3 INJ10 - Madison & Columbia Streets										
P1		BX2436-06W08F-BAVF			BOX BASE 6inW, 8inF, Variable Ht F/n					
P2) 24" x 36" - CASTING HEIGHT - 8" P1) 24" x 36" - BOX BASE 6inW, 8inF, Variable Ht F/n - 29" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 20					0 lb 3104 lb 0 lb 0 lb ----- 3104 lb		Structure Notes: 1. INDOT INLET TYPE J / ASTM C913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING (HOE R-3827-10V F/G/H) SUPPLIED BY ICAST. 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: 3'					Rim to Invert: 3'		Slack: 0.296"		Sump: 1.296"	
Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	0'	90°	24"	15" HDPE	17.6"	Hole 20	20"	20"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										
RIGHT-SIDE UP VIEW (int. dimensions)					UPSIDE-DOWN VIEW (int. dimensions)					
										
INSIDE WALL DIMENSIONS										
										
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: n/a		Wall Thickness: 6" Floor Height: 8"		Height (Int): 29" Height (Ext): 37"		Weight (Net): 3104 lb Volume (Net): 0.79cu.yd	

Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320)

Job Location: Independence, KY

Contractor: Eaton Asphalt

Plant: 100

6/4/2026 4:50:48 PM

Tech: Jared - A

PC: J. Jarvis



Structure ID: 550

P1 BX2436-08BVF

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

P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"

P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 33"

1) CASTING - HOE KY-206 F/C (KY TY1)

1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast)

1) 24" x 36" - Conseal CS-102 1.00"

1) Hole - 20

2) Hole - 8

3400 lb

5270 lb

4485 lb

206 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 13361 lb

Structure Notes:

** KYTC STATE PROJECT **

1. PER KYTC CBI TY A / ASTM C-913 SPECS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. NO STORM INVERT

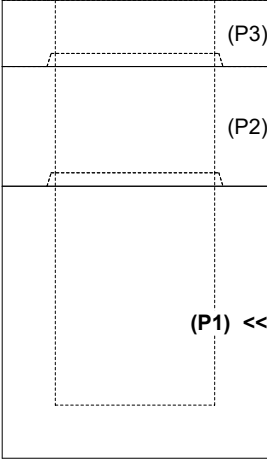
5. NO STEPS

6. KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST - FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP

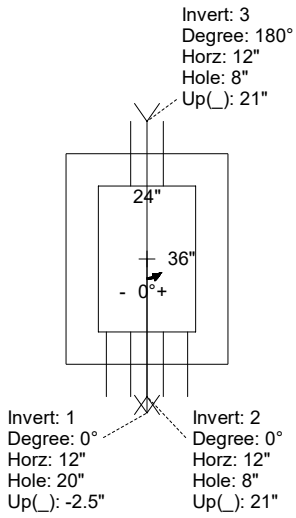
Rim: 829.88' Rim to Invert: 5.09' Slack: 0.08" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	824.79'	0°	20"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"
Invert 2	826.71'	0°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"
Invert 3	826.71'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

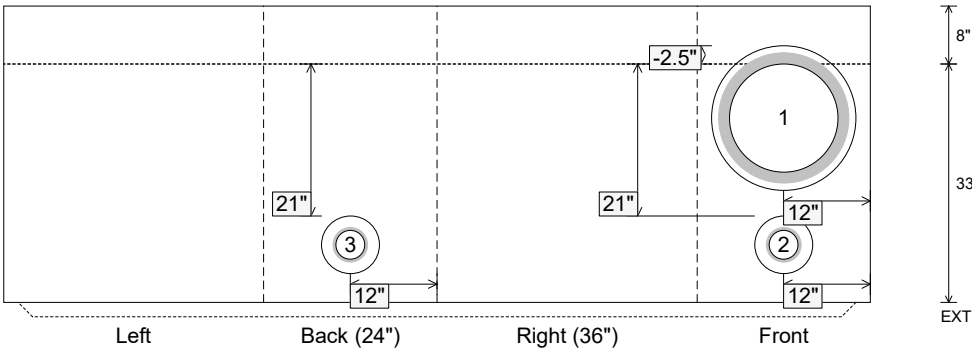
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 33"

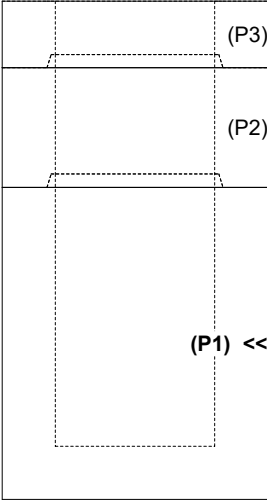
Height (Ext): 41"

Weight (Net): 4485 lb

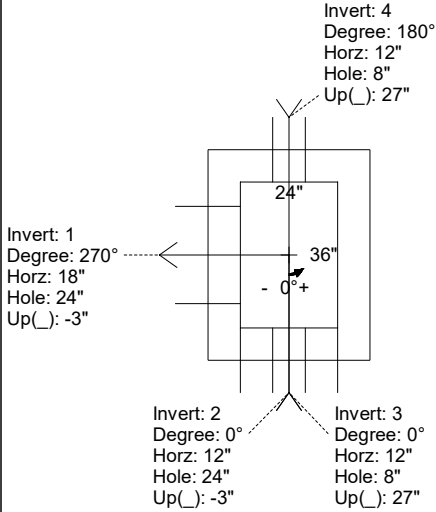
Volume (Net): 1.15cu.yd

Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320) Job Location: Independence, KY Contractor: Eaton Asphalt				Plant: 100 6/4/2026 4:51:52 PM		Tech: Jared - A PC: J. Jarvis						
Structure ID: 524												
P1 BX2436-08BVF				BOX BASE 8inW, 8inF, Variable Ht T/n								
P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10" P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 39" 1) CASTING - HOE KY-206 F/C (KY TY1) 1) This Structure Includes a Cast-in Item - KY-206 Frame (Supplied by iCast) 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 24 2) Hole - 8						3400 lb 5270 lb 4777 lb 206 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 13652 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. PER KYTC CBI TY A / ASTM C-913 SPECS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. NO STORM INVERT 5. NO STEPS 6. KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST - FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP				
Rim: 835.65' Rim to Invert: 5.59' Slack: 0.08" Sump: 0" Step Position:												
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset		
Invert 1	830.06'	270°	26"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"		
Invert 2	830.06'	0°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"		
Invert 3	832.48'	0°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	27"	0"		
Invert 4	832.48'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	27"	0"		
Invert 5												
Invert 6												
Invert 7												
Invert 8												

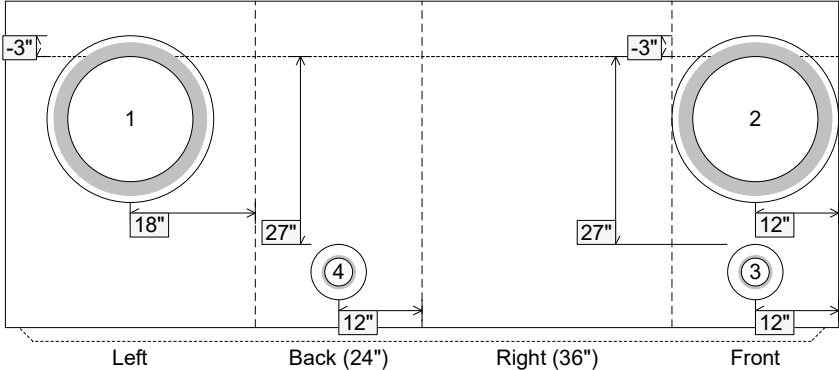
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 39" Height (Ext): 47"	Weight (Net): 4777 lb Volume (Net): 1.22cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 26-2310 - 3rd & Madison Townhomes - Ph. 1
Job Location: Nashville, TN 37208
Contractor: Hayes Pipe Supply

Plant: 100

6/15/2026 10:58:55 AM

Tech: Jared - F
PC: E. Bradley



Structure ID: A5 ST-CI

P1 BX28280606VH

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

P2) 28" x 28" - CASTING HEIGHT - 7.50"
P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 31"
1) 28" x 28" - Conseal CS-102 1.00"
2) Hole - 26"

Structure Total: 2394 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 SUPPLIED BY OTHERS (JBS 3300 F/G/H - SINGLE CURB INLET).

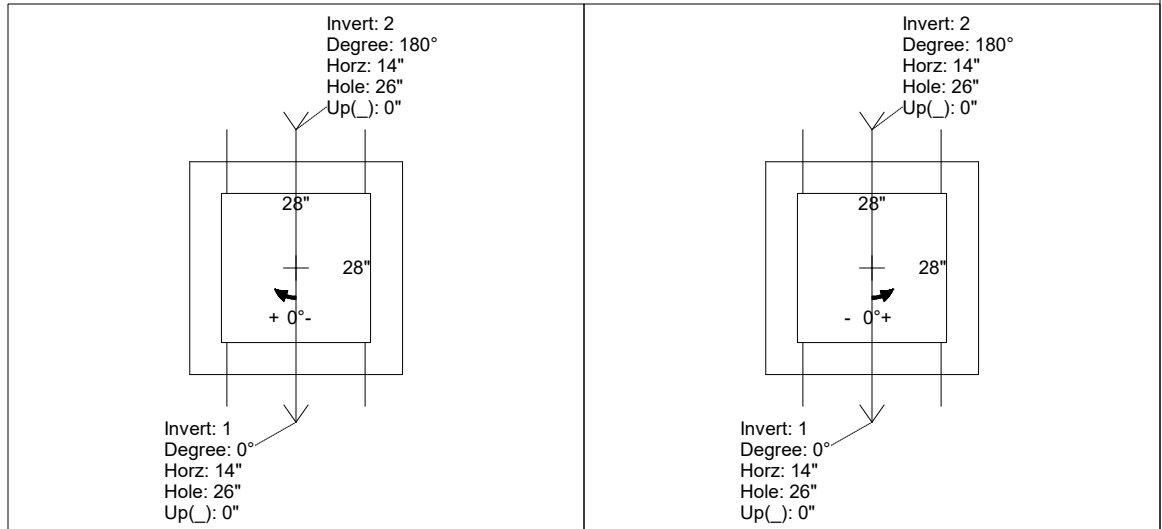
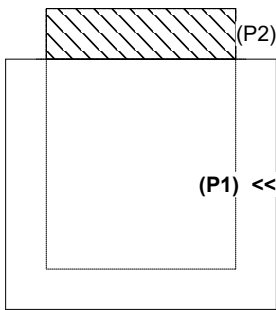
REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 422' Rim to Invert: 3.02' Slack: 0.236" Sump: 2.496" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	418.98'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2	418.98'	180°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

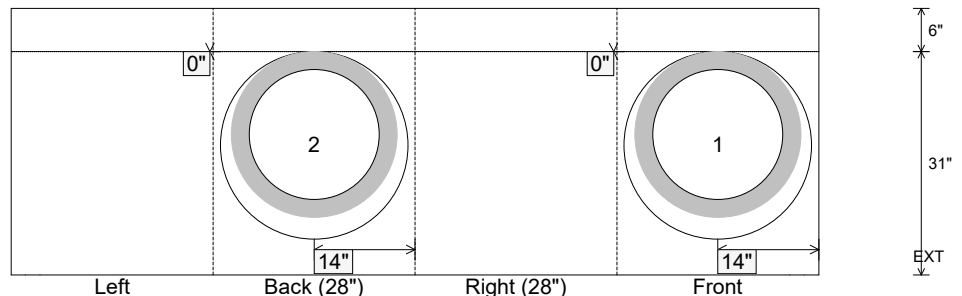
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

(P1)



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 6"

Height (Int): 31"
Height (Ext): 37"

Weight (Net): 2394 lb
Volume (Net): 0.61cu.yd

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

Plant: 100
6/30/2026 1:45:02 PM

Tech: J. Horsley
PC: J. Jarvis



Structure ID: A10 Top Slab Remake

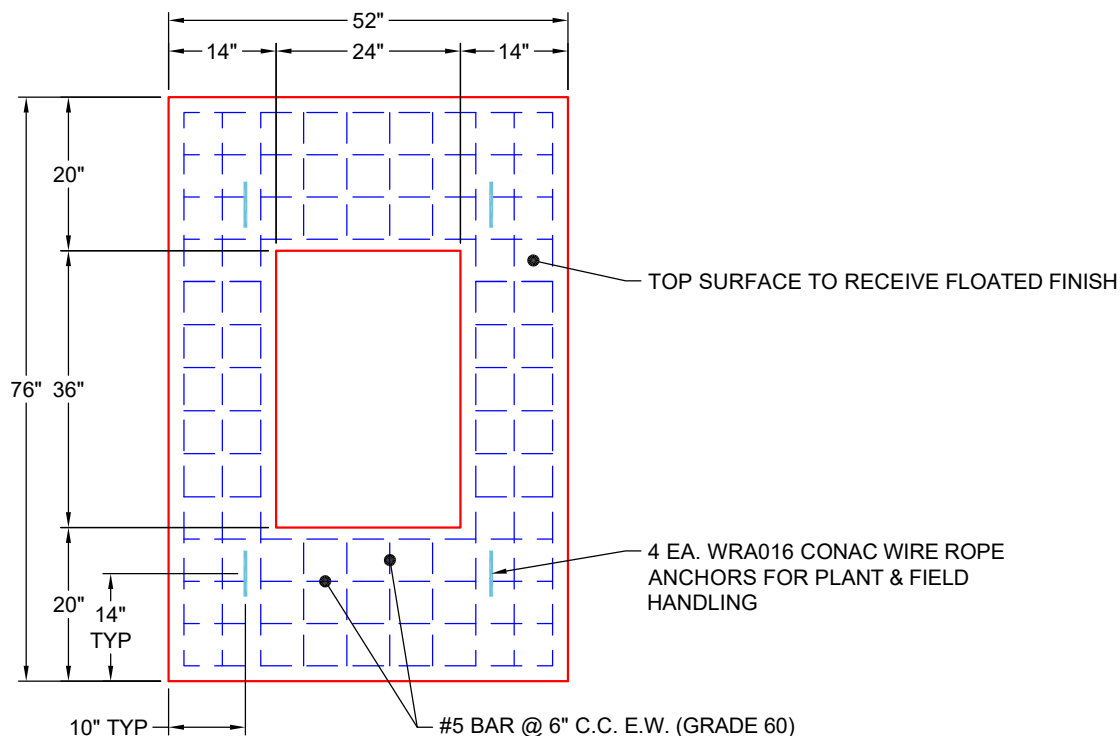
P1 BX036060-08LD06-S

CB FLAT TOP 8"W w/24"x36" HOLE

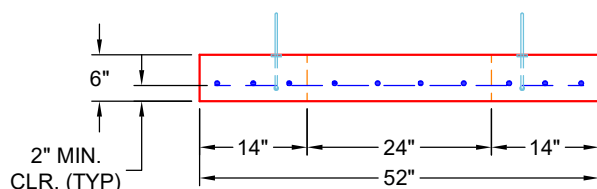
P2) 24" x 36" - CASTING HEIGHT - 6"
P1) 36" x 60" - CB FLAT TOP 8"W w/24"x36" HOLE - 6"
1) SECONDARY POUR
1) 24" x 36" - Conseal CS-102 1.00"

Structure Total: 1555 lb

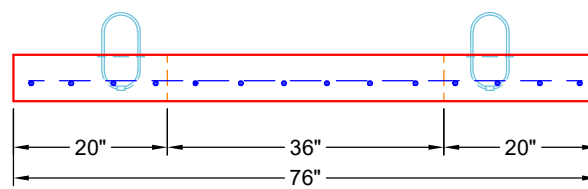
Structure Notes:
1. PER LOUISVILLE MSD / ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
- FLAT LID #5 BAR @ 6" C.C. E.W. (GRADE 60)
- BASE: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. NO STORM INVERT
5. NO STEPS
6. HOE 470 FRAME, GRATE, & CURB HOOD SUPPLIED BY OTHERS



**PLAN VIEW
(RIGHT SIDE UP)**



**FRONT VIEW
(RIGHT SIDE UP)**



**SIDE VIEW
(RIGHT SIDE UP)**

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 6"

Weight (Net): 1555 lb
Volume (Net): 0.4cu.yd

Job Name: 26-2466 - Second Look Meter Vault
Job Location: CPU
Contractor: Second Look Lawn & Landscape

Plant: 100

Tech: J. Horsley

6/22/2026 2:44:10 PM

PC: T. Lewis



Structure ID: QL1

P2 BX048072-06WLD08-SP

CB FLAT TOP 6"W w/36"x36" HATCH F/F

- P3) 36" x 36" - CASTING (cast in) - 3"
P2) 48" x 72" - CB FLAT TOP 6"W w/36"x36" HATCH F/F - 8"
P1) 48" x 72" - BOX BASE 6inW, 6inF, Variable Ht F/n - 48"
1) HATCH (Alum.) - HALLIDAY W1S 36"x36"
1) This Structure Includes a Cast-in Item - Halliday W1S 36" x 36" Hatch (Supplied by iCast)
1) SECONDARY POUR
1) 48" x 72" - Con Seal CS-102 1.00"
2) PSX - 8QRS-S NYLO

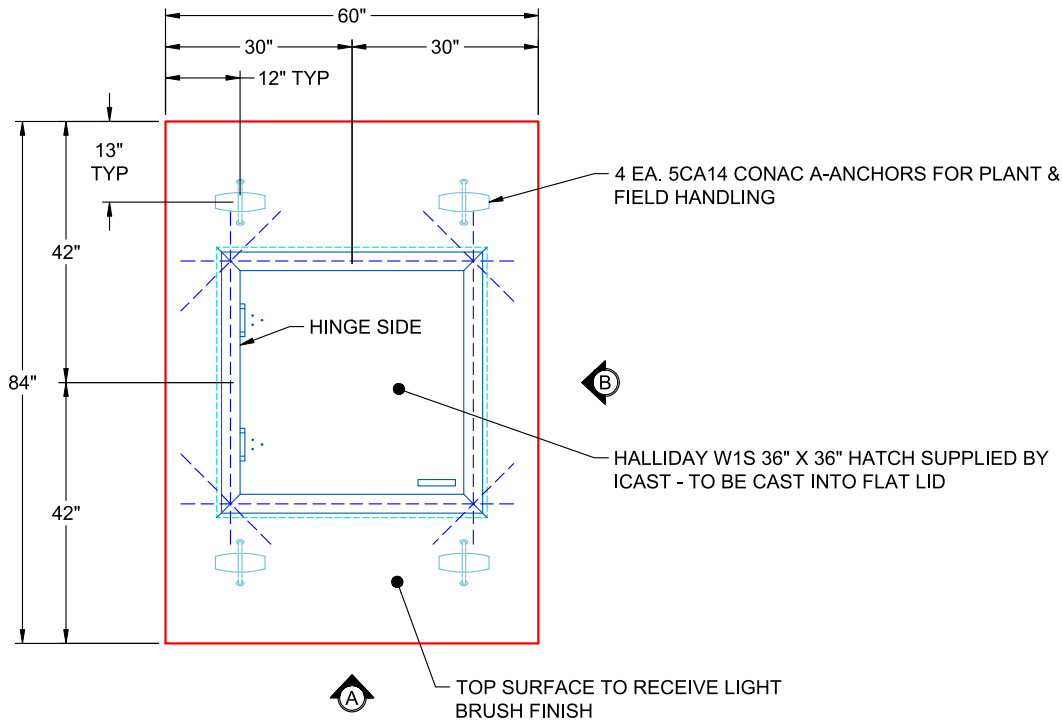
Structure Total:

0 lb
2591 lb
8867 lb
78 lb
0 lb
0 lb
0 lb
13 lb

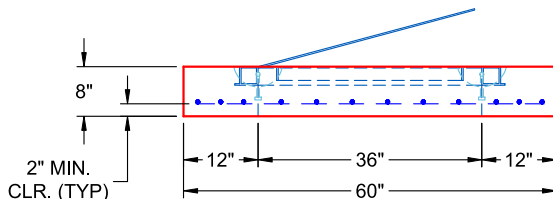
11549 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 6" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. HALLIDAY W1S 36" X 36" HATCH SUPPLIED BY ICAST - TO BE CAST INTO FLAT LID
5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING
6. TOP SURFACE TO RECEIVE LIGHT BRUSH FINISH

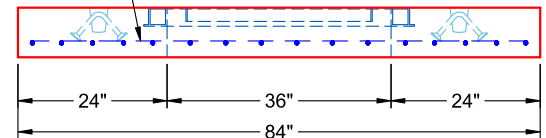


**PLAN VIEW
(RIGHT SIDE UP)**



**VIEW A
(RIGHT SIDE UP)**

#5 BAR @ 6" C.C.
E.W. (GRADE 60)



**VIEW B
(RIGHT SIDE UP)**

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 6"

Height (Ext): 8"

Weight (Net): 2591 lb
Volume (Net): 0.66cu.yd

Job Number:

26-2466

Job Name:

Second Look Meter Vault

Structure:

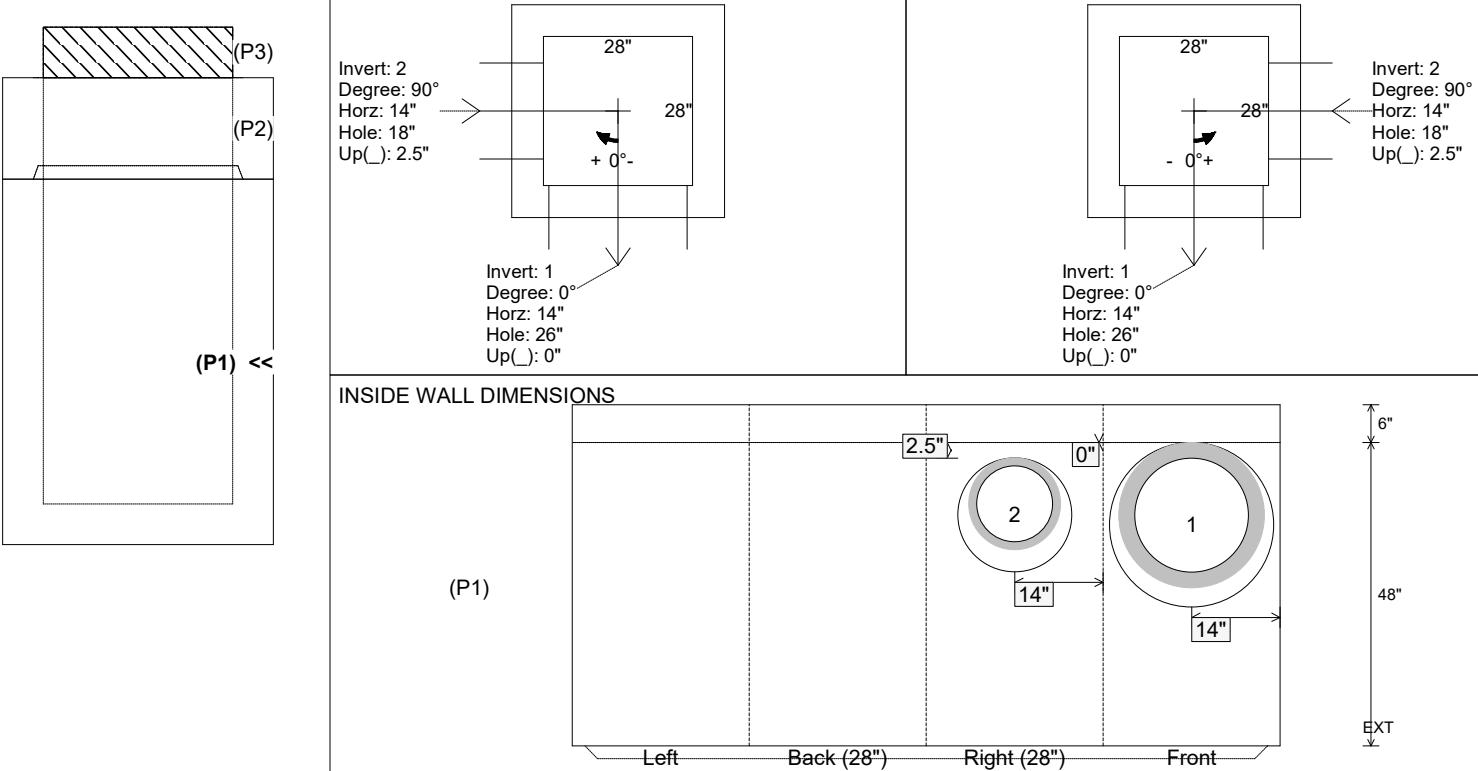
QL1

Note:

Halliday W1S 36" x 36" Hatch

Supplied By iCast To Be Cast Into

Flat Lid

Job Name: 26-2310 - 3rd & Madison Townhomes - Ph. 1 Job Location: Nashville, TN 37208 Contractor: Hayes Pipe Supply					Plant: 100 6/15/2026 10:58:57 AM		Tech: Jared - F PC: E. Bradley				
Structure ID: A7 ST-CI											
P1		BX2828-06BA48		BOX BASE 6inW, 6inF T/n							
P3) 28" x 28" - CASTING HEIGHT - 7.50" P2) 28" x 28" - BOX RISER 6inW, Variable Ht F/G - 15" P1) 28" x 28" - BOX BASE 6inW, 6inF T/n - 48" 2) 28" x 28" - Conseal CS-102 1.00" 1) Hole - 26 1) Hole - 18						0 lb 1027 lb 3697 lb 0 lb 0 lb 0 lb ----- Structure Total: 4724 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 SUPPLIED BY OTHERS (JBS 3300-V F/G/H - SINGLE CURB INLET). 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: 426.99'		Rim to Invert: 5.72'		Slack: 0.636"		Sump: 2.496"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	421.27'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"	
Invert 2	421.37'	90°	20"	12" HDPE	14.5"	Hole 18	18"	18"	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. dimenions) INSIDE WALL DIMENSIONS											
											
Coating (Int): Coating (Ext):			Seam Up: Tongue Seam Dn: n/a		Wall Thickness: 6" Floor Height: 6"		Height (Int): 48" Height (Ext): 54"		Weight (Net): 3697 lb Volume (Net): 0.94cu.yd		