

Job Name: 26-2212 - CDTI Building 1
Job Location: Charlestown, IN
Contractor: Dan Cristiani Excavating Co. Inc.

Plant: Beaver Dam
8/18/2026 1:32:55 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 303 ST-DS

P1 MH108BAVF

MH BASE Custom Ht

- P3) 24" - CASTING HEIGHT - 7"
P2) 108" - MH FLAT TOP w/24" ECC Hole - 17"
P1) 108" - MH BASE Custom Ht - 60"
1) 108" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
2) Hole - 52
2) Hole - 24
5) MH Step ML-10-TDS-NCR - 10"

- 0 lb
10472 lb
27120 lb
0 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 37592 lb
- Structure Notes:
INDOT STATE PROJECT
1. (GREEN HAT MH-ST-F PROVIDED BY OTHERS)
2. INDOT MH TYPE N / ASTM C478 SPEC'S.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. NO INVERT CHANNEL.
5. REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .12)
- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

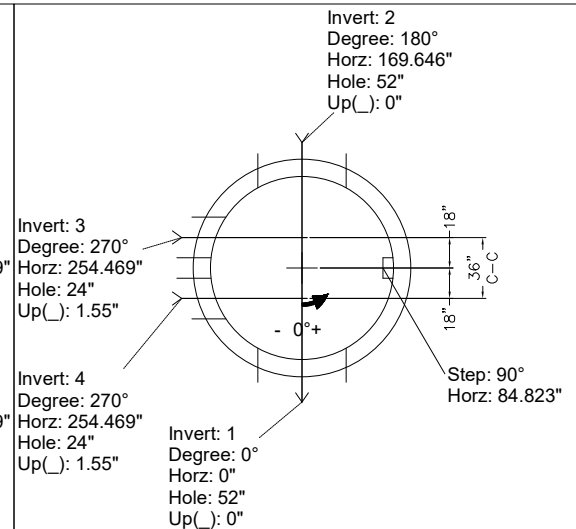
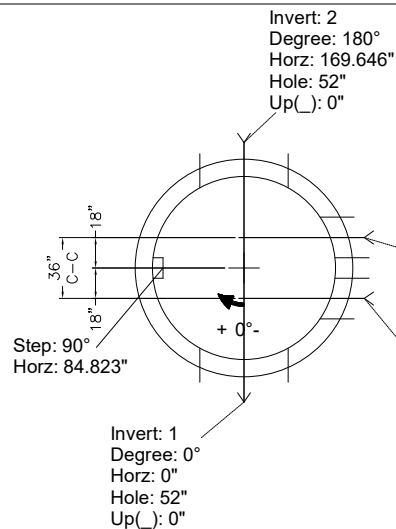
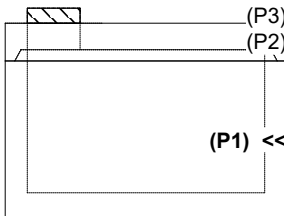
4 EA. 8CA18 CONAC A-ANCHORS FOR
PLANT & FIELD HANDLING - INSTALLED
18" FROM THE TOP OF THE WALLS

Rim: 587.76' Rim to Invert: 6.76' Slack: 0.27" Sump: 3.15" Step Position: 90°

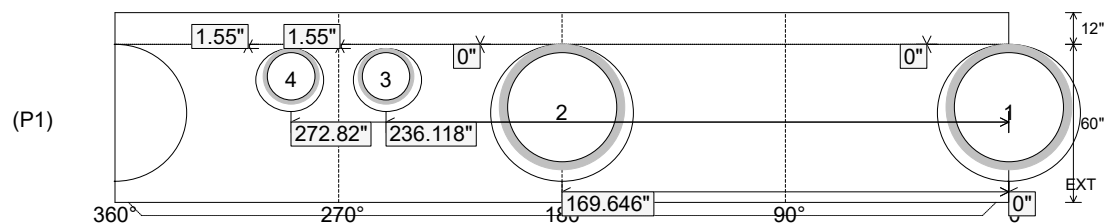
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	581'	0°	0"	42" HDPE	47.7"	Hole 52	52"	54.253"	0"	0"
Invert 2	581'	180°	201.062"	42" HDPE	47.7"	Hole 52	52"	54.253"	0"	0"
Invert 3	581'	270°	283.347"	18" HDPE	21.2"	Hole 24	24"	25.795"	1.55"	-18"
Invert 4	581'	270°	319.839"	18" HDPE	21.2"	Hole 24	24"	25.795"	1.55"	18"
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: 10"
Floor Height: 12"

Height (Int): 60"
Height (Ext): 72"

Weight (Net): 27120 lb
Volume (Net): 6.93cu.yd

Job Name: 26-1466 - Lower Mill Creek HWDW Protection Job Location: Cincinnati, OH Contractor: Sunesis Construction					Plant: 100		Tech: Jared - F			
					7/22/2026 12:37:32 PM		PC: E. Bradley			
Structure ID: 220-8 SS-MH										
P1 MH120FGBAVF			MH BASE EF Cust. Ht. 24"F (14"EF =170"OD) T/n							
P6) 48" x 48" - HATCH (CAST FLUSH) - 3" P5) 120" - MH FLAT TOP w/48"x48" Hatch F/G - 18" P4) 120" - MH RISER Custom Ht T/G - 34" P3) 120" - MH RISER T/G - 96" P2) 120" - MH RISER T/G - 96" P1) 120" - MH BASE EF Cust. Ht. 24"F (14"EF =170"OD) T/n - 62"= 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 4) 120" - Hamilton Kent MH Gasket 1) Hole - 62 1) Hole - 76 1) Kor-N-Seal2 - S206-28 20) MH Step ML-10-TDS-NCR - 10"					100 lb 14814 lb 12916 lb 36468 lb 32259 lb 65517 lb 0 lb 0 lb 0 lb 0 lb 0 lb 6 lb 0 lb ----- Structure Total: 163520 lb		Structure Notes: 1. PER CINCINNATI MSD / ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. HATCH SUPPLIED BY OTHERS. 4. HATCH TO BE CAST INTO THE TOP SLAB. 5. BAFFLE WALL, WEIR PLATE, & INVERT CHANNEL PROVIDED BY OTHERS. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB = H20 LOADING - RISER/WALLS (As .36) - FLOOR #6 BARS AT 6" O.C.E.W. DBL. MAT			
Rim: 498.5' Rim to Invert: 23.34' Slack: 0.6" Sump: 26.52" Step Position: 270°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	476.16'	0°	0"	48" RCP B WALL	58"	Hole 62	62"	65.154"	31.5"	0"
Invert 2	476.16'	141°	174.75"	60" RCP B WALL	72"	Hole 76	76"	82.302"	30.5"	0"
Invert 3	475.16'	225°	278.875"	24" PVC F679	24.8"	Kor-N-Seal2 S206-28	28"	28.261"	24.5"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

WEIGHTS

FIRST POUR - 45,711 LBS

SECOND POUR - 19,806 LBS

TOTAL - 65,517 LBS

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

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: 11" Floor Height: 24"	Height (Int): 62" Height (Ext): 86"	Weight (Net): 65517 lb Volume (Net): 16.74cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 26-1466 - Lower Mill Creek HWDW Protection

Job Location: Cincinnati, OH

Contractor: Sunesis Construction

Plant: 100

7/22/2026 12:37:32 PM

Tech: Jared - F

PC: E. Bradley

Structure ID: 220-8 SS-MH

P1 MH120FGBAVF

MH BASE EF Cust. Ht. 24"F (14"EF =170"OD) T/n

P6) 48" x 48" - HATCH (CAST FLUSH) - 3"

P5) 120" - MH FLAT TOP w/48"x48" Hatch F/G - 18"

P4) 120" - MH RISER Custom Ht T/G - 34"

P3) 120" - MH RISER T/G - 96"

P2) 120" - MH RISER T/G - 96"

P1) 120" - MH BASE EF Cust. Ht. 24"F (14"EF =170"OD) T/n - 62"=

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

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

4) 120" - Hamilton Kent MH Gasket

1) Hole - 62

1) Hole - 76

1) Kor-N-Seal2 - S206-28

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

100 lb

14814 lb

12916 lb

36468 lb

32259 lb

65517 lb

0 lb

0 lb

0 lb

0 lb

0 lb

6 lb

0 lb

Structure Notes:

1. PER CINCINNATI MSD / ASTM C478 SPECIFICATIONS.

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

3. HATCH SUPPLIED BY OTHERS.

4. HATCH TO BE CAST INTO THE TOP SLAB.

5. BAFFLE WALL, WEIR PLATE, & INVERT CHANNEL PROVIDED BY OTHERS.

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB = H20 LOADING

- RISER/WALLS (As .36)

- FLOOR #6 BARS AT 6" O.C.E.W. DBL. MAT

Structure Total: 163520 lb

Rim: 498.5'

Rim to Invert: 23.34'

Slack: 0.6"

Sump: 26.52"

Step Position: 270°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	476.16'	0°	0"	48" RCP B WALL	58"	Hole 62	62"	65.154"	31.5"	0"
Invert 2	476.16'	141°	174.75"	60" RCP B WALL	72"	Hole 76	76"	82.302"	30.5"	0"
Invert 3	475.16'	225°	278.875"	24" PVC F679	24.8"	Kor-N-Seal2 S206-28	28"	28.261"	24.5"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

WEIGHTS

FIRST POUR - 45,711 LBS

SECOND POUR - 19,806 LBS

TOTAL - 65,517 LBS

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: 11"

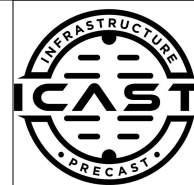
Floor Height: 24"

Height (Int): 62"

Height (Ext): 86"

Weight (Net): 65517 lb

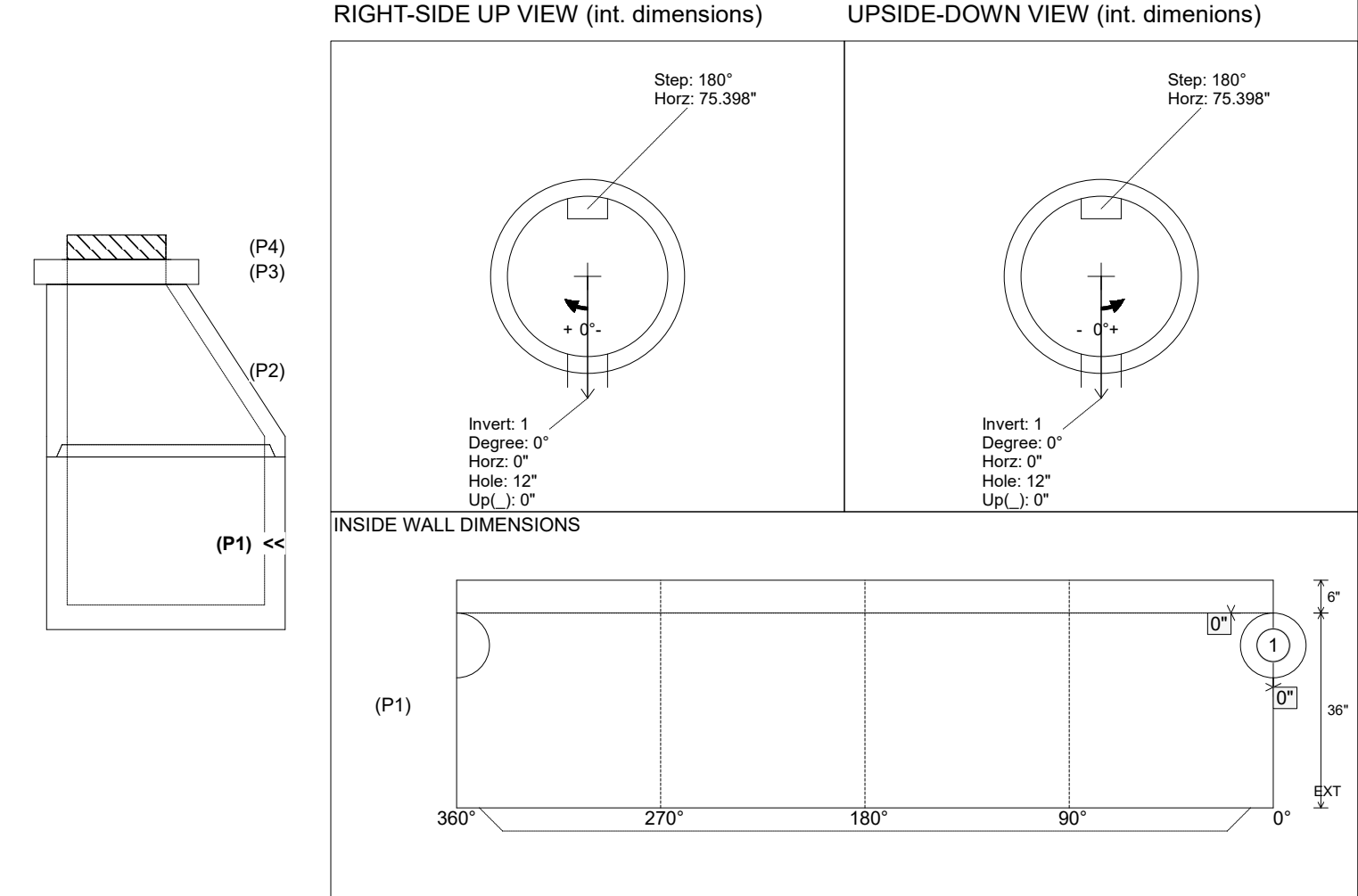
Volume (Net): 16.74cu.yd



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

P4) 24" - CASTING HEIGHT - 6" P3) 24" - XYPEX GRADE RING - 6" P2) 48" - ECC XYPEX CONE w/ 24" HOLE - 42" P1) 48" - MH BASE w/XYPEX - 36" 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 1) JOINT WRAP - 0.065"x12"x50' CONSEAL CS212 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) CASTING - JBS 1155 F/C SANITARY 1) 48" - Conseal CS-102 1.00" (Double) 2) 24" - Conseal CS-102 1.00" (Double) 1) PSX - 12-06 NYLO 7) MH Step ML-10-TDS-NCR - 10"					0 lb 405 lb 3116 lb 3797 lb 0 lb 0 lb 1440 lb 250 lb 0 lb 0 lb 8 lb 0 lb ----- Structure Total: 9016 lb	Structure Notes: . 1. JBS-1155 PROVIDED BY ICAST. 2. PER ASTM C478 SPECIFICATIONS. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
Rim: 641.1' Rim to Invert: 7.32' Slack: 0.84" Sump: 3" Step Position: 180°					INVERT CHANNEL DRAWING FULL HEIGHT INVERT	

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	633.78'	0°	0"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 36"	Weight (Net): 3797 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 42"	Volume (Net): 0.97cu.yd

Job Name: 23-2309 - Richland Estates Subdivision
Job Location: Portland, TN
Contractor: Core & Main LP (BG)

Plant: 100

8/26/2026 8:44:34 AM

Tech: J. Horsley

PC: T. Lewis



Structure ID: 01 SS-MH

P1 MH048BA24X

MH BASE w/XYPEX T/n

- P3) 24" - CASTING HEIGHT - 6"
P2) 48" - XYPEX MH FLAT TOP w/24" ECC Hole F/G - 12"
P1) 48" - MH BASE w/XYPEX T/n - 24"
1) JOINT WRAP - 0.065"x12"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) 48" - Conseal CS-102 1.00" (Double)
3) PSX - 12-08 NYLO
2) MH Step ML-10-TDS-NCR - 10"

- 0 lb
2205 lb
2863 lb
0 lb
0 lb
1440 lb
0 lb
24 lb
0 lb

6532 lb
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = XYPEX C-500 NF RED
4. CASTING BY OTHERS (JBS 1155 F/C SANITARY).
REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

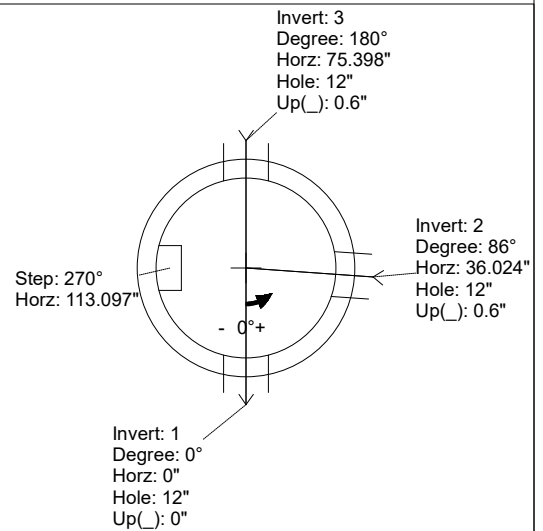
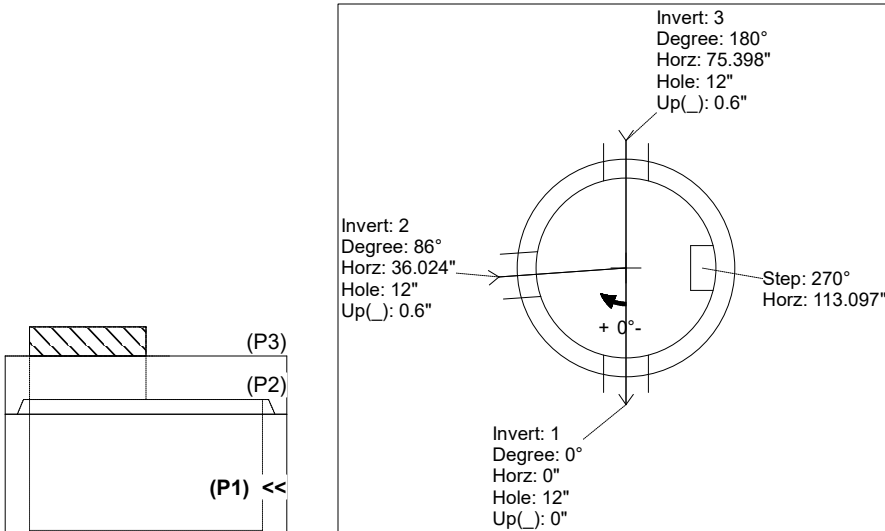
Structure Total:

Rim: 802.14' Rim to Invert: 3.58' Slack: 2.96" Sump: 2" Step Position: 270°

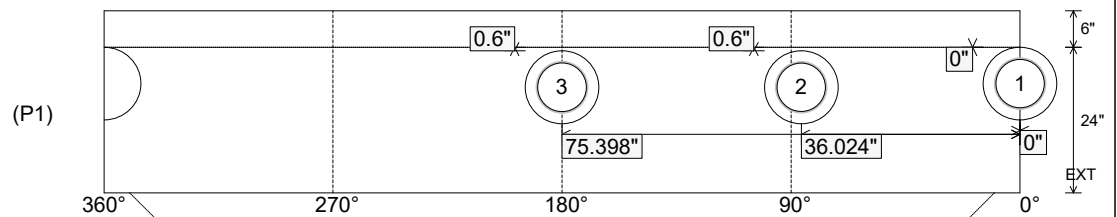
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	798.56'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	798.61'	86°	43.529"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0.6"	0"
Invert 3	798.61'	180°	91.106"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0.6"	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): 24"
Height (Ext): 30"

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

Job Name: 23-2309 - Richland Estates Subdivision
Job Location: Portland, TN
Contractor: Core & Main LP (BG)

Plant: 100

8/26/2026 8:44:34 AM

Tech: J. Horsley

PC: T. Lewis



Structure ID: 01 SS-MH

P1 MH048BA24X

MH BASE w/XYPEX T/n

- P3) 24" - CASTING HEIGHT - 6"
P2) 48" - XYPEX MH FLAT TOP w/24" ECC Hole F/G - 12"
P1) 48" - MH BASE w/XYPEX T/n - 24"
1) JOINT WRAP - 0.065"x12"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT
1) 48" - Conseal CS-102 1.00" (Double)
3) PSX - 12-08 NYLO
2) MH Step ML-10-TDS-NCR - 10"

- Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = XYPEX C-500 NF RED
4. CASTING BY OTHERS (JBS 1155 F/C SANITARY).
REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total:

6532 lb

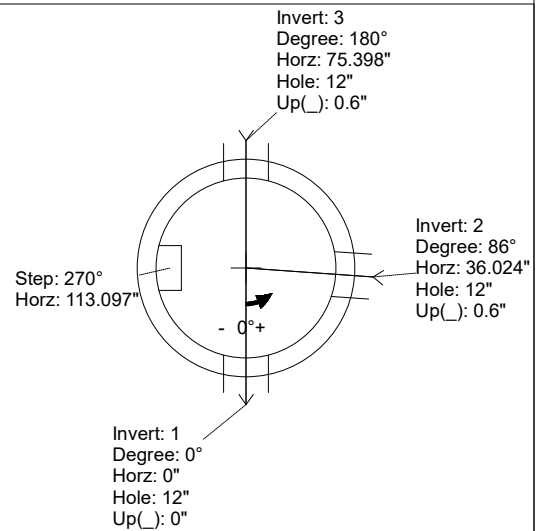
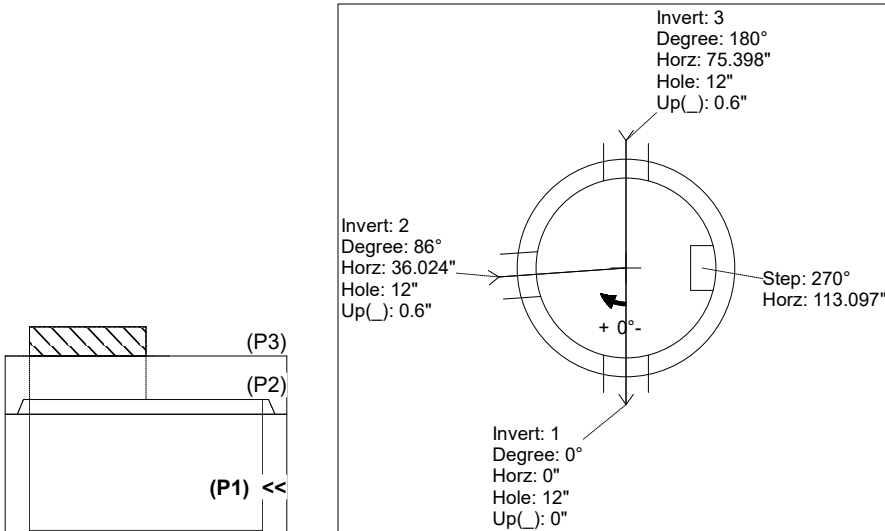
Invert channel drawing
Full height invert

Rim: 802.14' Rim to Invert: 3.58' Slack: 2.96" Sump: 2" Step Position: 270°

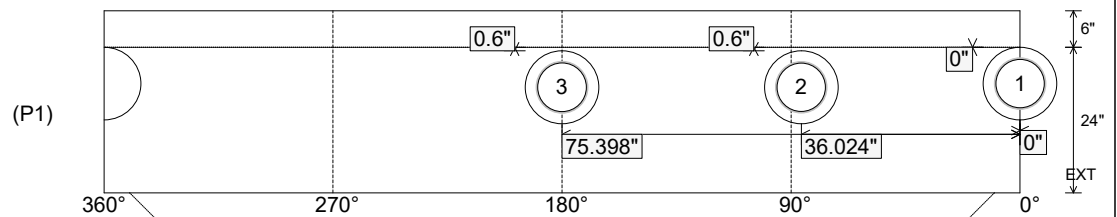
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	798.56'	0°	0"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	798.61'	86°	43.529"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0.6"	0"
Invert 3	798.61'	180°	91.106"	8" PVC SDR26	8.5"	PSX 12-08 NYLO	12"	12.129"	0.6"	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): 24"
Height (Ext): 30"

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

Plant: 100

7/13/2026 2:31:20 PM

Tech:	Jared - A
PC:	Thomas Ryan



P1 MH048BA24

MH BASE Custom Ht F/n

	0 lb
	895 lb
	2587 lb
	354 lb
	0 lb
	0 lb
	0 lb
	0 lb
Structure Total:	<u>3836 lb</u>

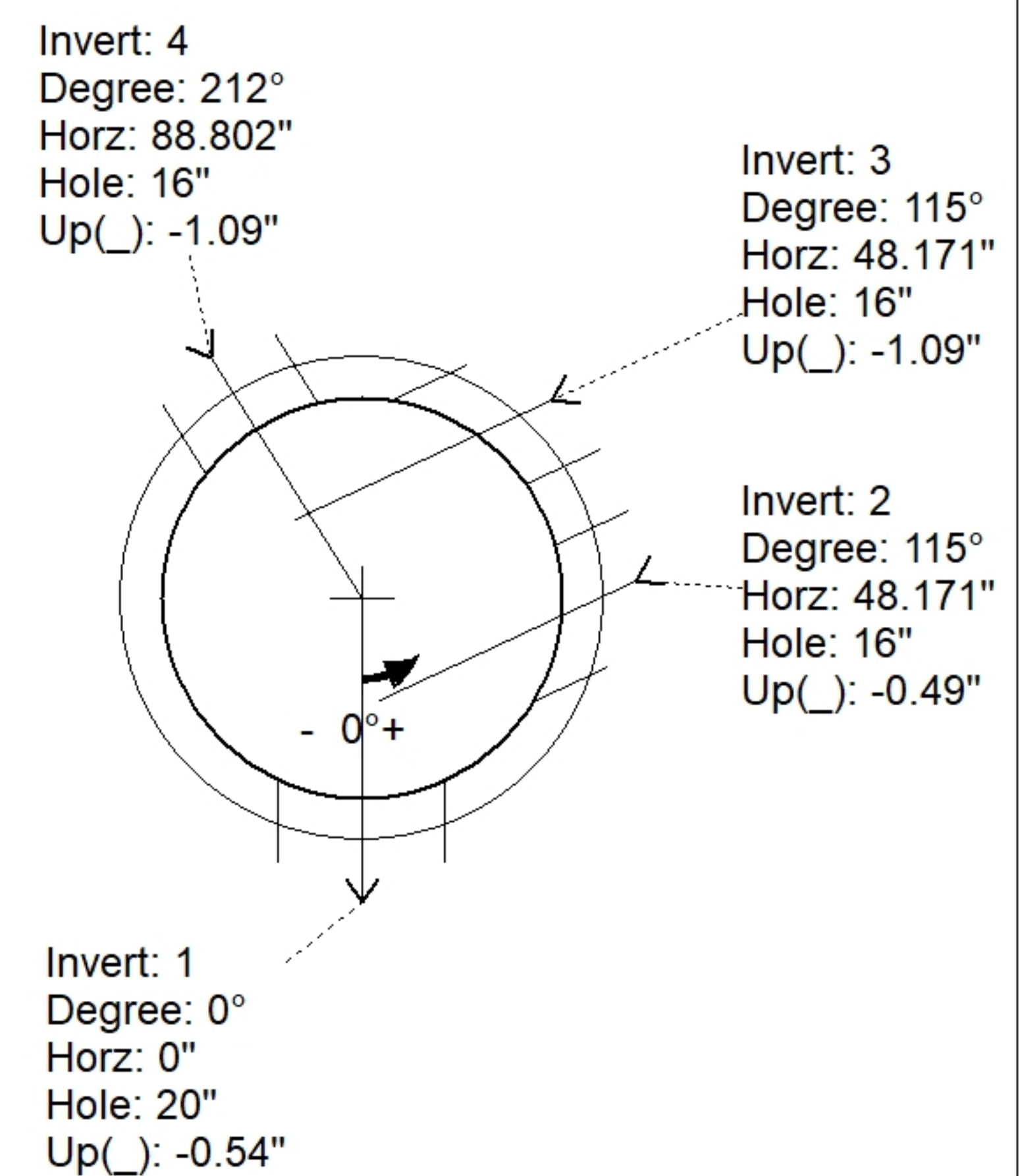
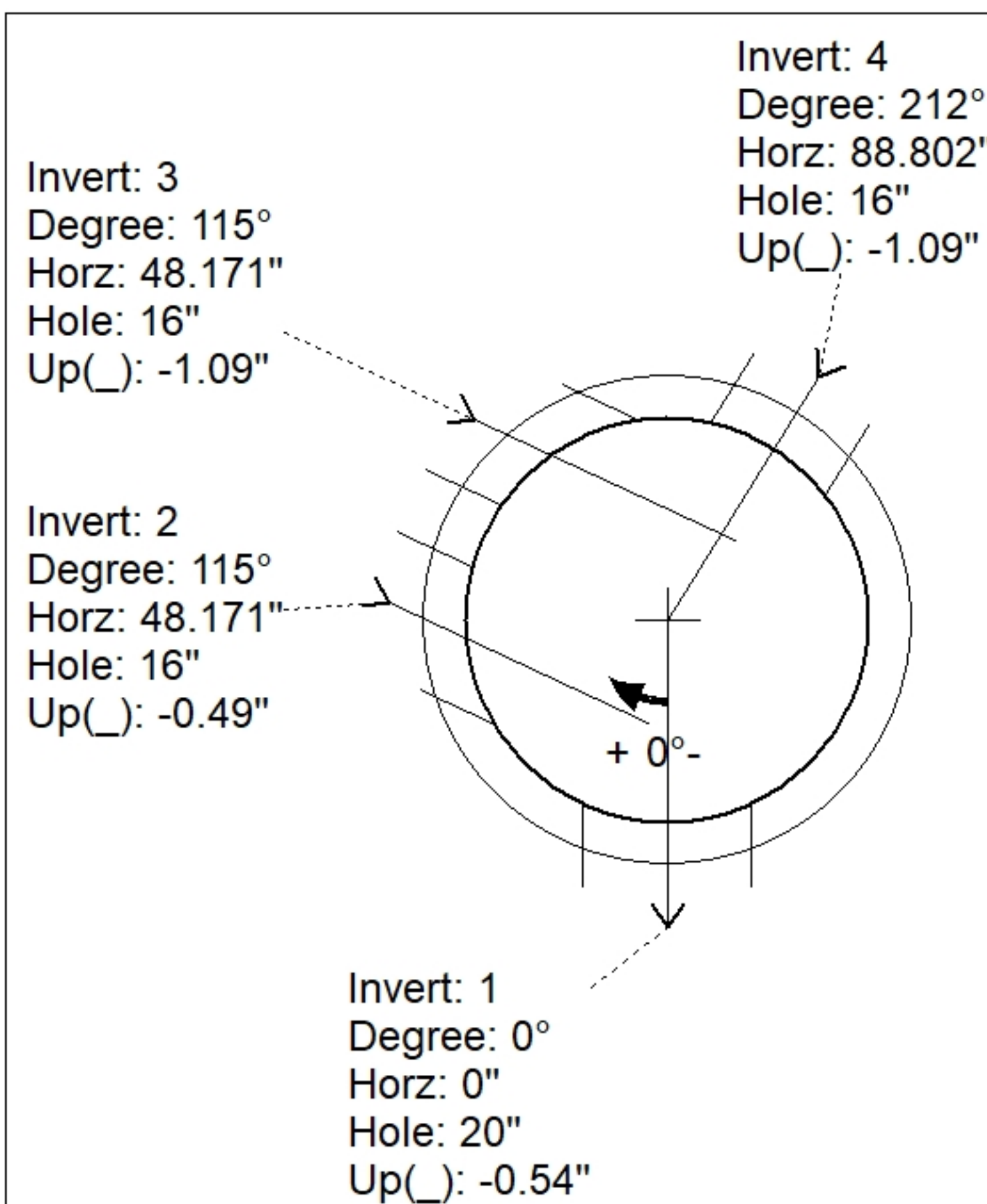
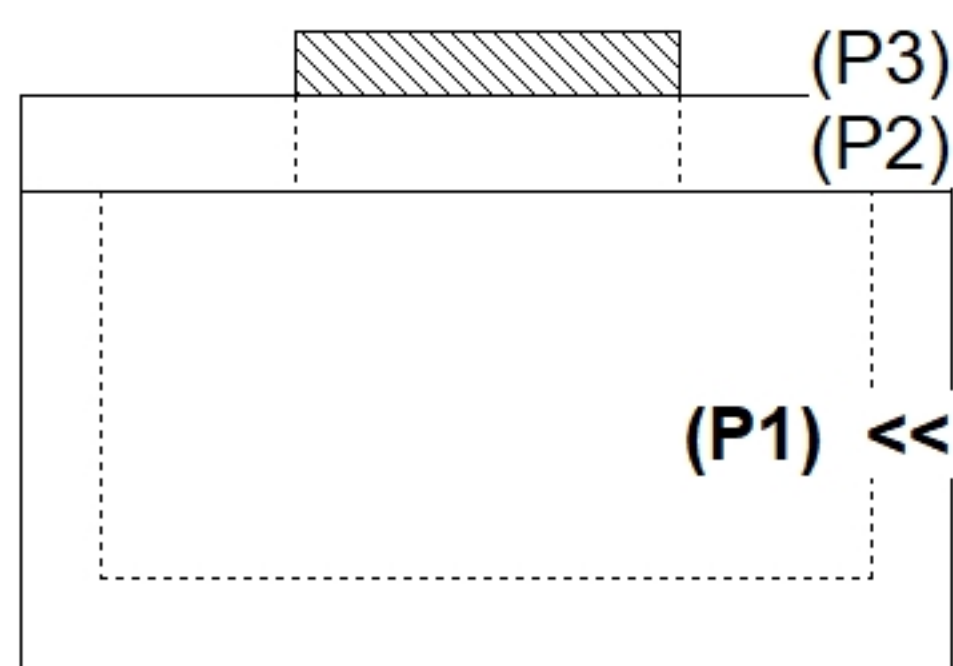
Structure Notes:
PLAN LABEL: 4

1. HOE 518 F/G PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. 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.
5. STEEL DIVERSION WEIR PLATE TO BE SUPPLIED BY OTHERS

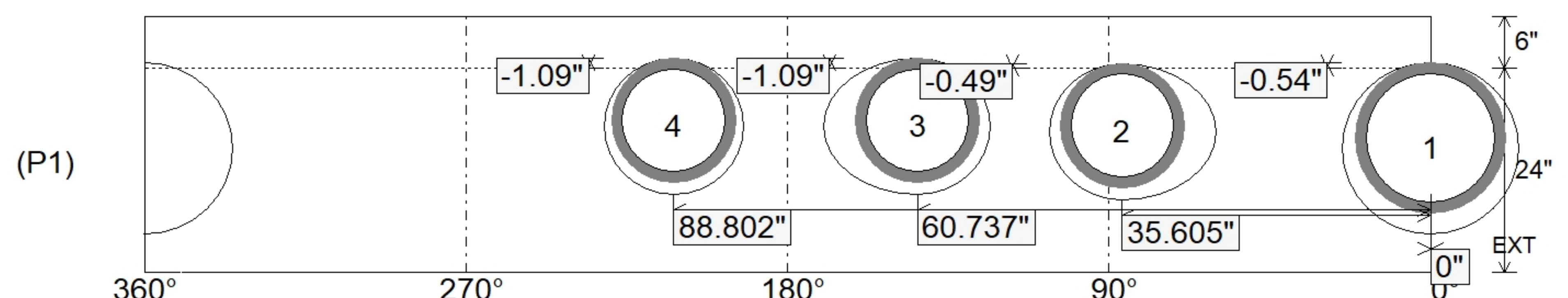
Rim: 461.2' Rim to Invert: 2.82' Slack: 0" Sump: 0.16" Step Position:

[illegible]

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): 24"
Height (Ext): 30"

Weight (Net): 2587 lb
Volume (Net): 0.66cu.yd

Job Name: 25-4490P2 Heartland Meadows Subdivision Job Location: Elizabethtown, KY 40165 Contractor: Kauffeld Brothers Construction					Plant: 100 7/30/2026 10:22:46 AM		Tech: Jared - A PC: Celina Goff			
Structure ID: CB 2-32 (48)										
P1 MH048BA36		MH BASE								
P4) 24" x 30" - CASTING HEIGHT - 6" P3) 48" - MH FLAT TOP w/24"x30" Hole - 12" P2) 48" - MH RISER SPECIAL - 48" P1) 48" - MH BASE - 36" 1) CASTING - HOE 360 L Vane Set (F/G/H) 2) 48" - Conseal CS-102 1.00" 1) 24" x 30" - Conseal CS-102 1.00" 3) Hole - 18"						0 lb 1935 lb 3353 lb 3518 lb 362 lb 0 lb 0 lb 0 lb ----- Structure Total: 9169 lb		Structure Notes: 1. HOE 360 FLAT SET PROVIDED BY ICAST. 2. PER ASTM C478 SPECIFICATIONS. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. 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: 881.26' Rim to Invert: 8.39' Slack: -0.07" Sump: 1.25" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	872.87'	0°	0"	12" HDPE	14.5"	Hole 18	18"	18.451"	0"	0"
Invert 2	872.88'	180°	91.106"	12" HDPE	14.5"	Hole 18	18"	18.451"	0.12"	0"
Invert 3	872.87'	263°	133.116"	12" HDPE	14.5"	Hole 18	18"	18.451"	0"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

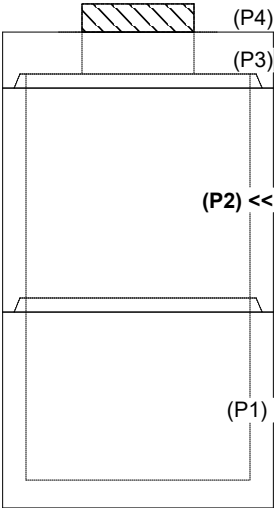
RIGHT-SIDE UP VIEW (int. dimensions)

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): 3518 lb Volume (Net): 0.9cu.yd
----------------------------------	---------------------------------	--	--	---

Job Name: 25-4490P2 Heartland Meadows Subdivision					Plant: 100		Tech: Jared - A				
Job Location: Elizabethtown, KY 40165					7/30/2026 10:20:27 AM		PC: Celina Goff				
Contractor: Kauffeld Brothers Construction											
Structure ID: CB 2-32 (48)											
P2 MH048RS48S			MH RISER SPECIAL								
P4) 24" x 30" - CASTING HEIGHT - 6" P3) 48" - MH FLAT TOP w/24"x30" Hole - 12" P2) 48" - MH RISER SPECIAL - 48" P1) 48" - MH BASE - 36" 1) CASTING - HOE 360 L Vane Set (F/G/H) 2) 48" - Conseal CS-102 1.00" 3) 24" x 30" - Conseal CS-102 1.00" 3) Hole - 18					0 lb 1935 lb 3353 lb 3518 lb 362 lb 0 lb 0 lb 0 lb ----- Structure Total: 9169 lb		Structure Notes: 1. HOE 360 FLAT SET PROVIDED BY ICAST. 2. PER ASTM C478 SPECIFICATIONS. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. 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: 881.26' Rim to Invert: 8.39' Slack: -0.07" Sump: 1.25" 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											



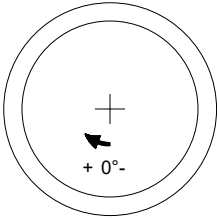
(P4)

(P3)

(P2) <<

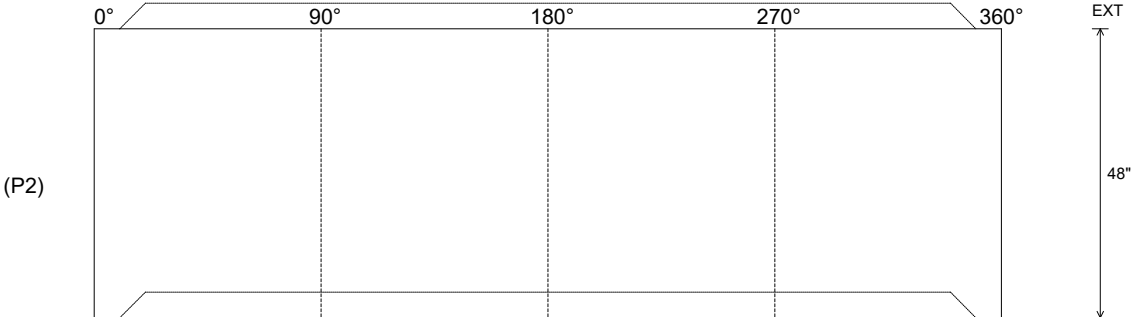
(P1)

RIGHT-SIDE UP VIEW (int. dimensions)



+ 0°-

INSIDE WALL DIMENSIONS



0° 90° 180° 270° 360°

EXT

48"

(P2)

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

Job Name: 25-4490P2 Heartland Meadows Subdivision
Job Location: Elizabethtown, KY 40165
Contractor: Kauffeld Brothers Construction

Plant: 100
7/31/2026 9:24:16 AM

Tech: Jared - A
PC: Celina Goff



Structure ID: CB 4-44 (57)

P1 MH048BA60

MH BASE

P4) 24" x 36" - CASTING HEIGHT - 6"
P3) 24" x 36" - GRADE RING - 3"
P2) 48" - MH FLAT TOP w/24"x36" Hole - 12"
P1) 48" - MH BASE - 60"
1) CASTING - HOE 470 SET LV (F/G/H)
1) 48" - Conseal CS-102 1.00"
2) 24" x 36" - Conseal CS-102 1.00"
3) Hole - 18"

0 lb
306 lb
1300 lb
5195 lb
394 lb
0 lb
0 lb
0 lb
Structure Total: 7195 lb

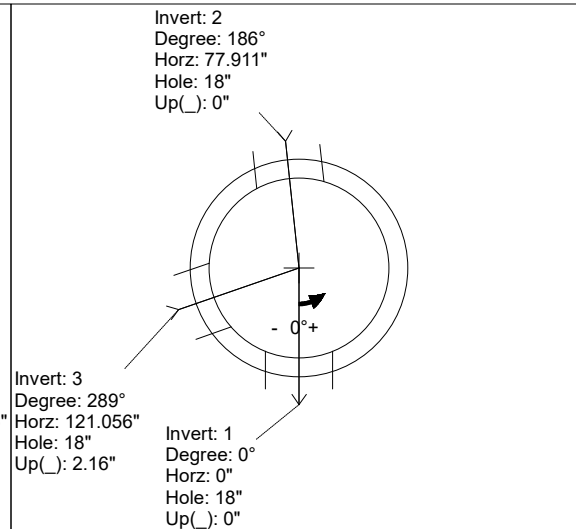
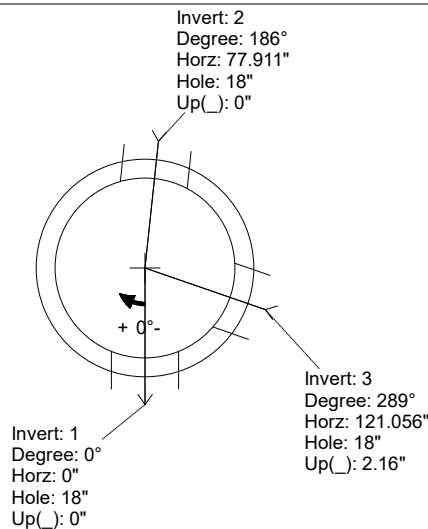
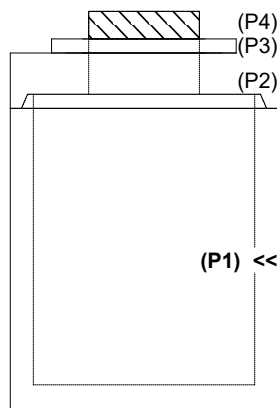
Structure Notes:
1. HOE 470 FLAT SET PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 884.73' Rim to Invert: 6.83' Slack: 2.21" Sump: 1.25" Step Position:

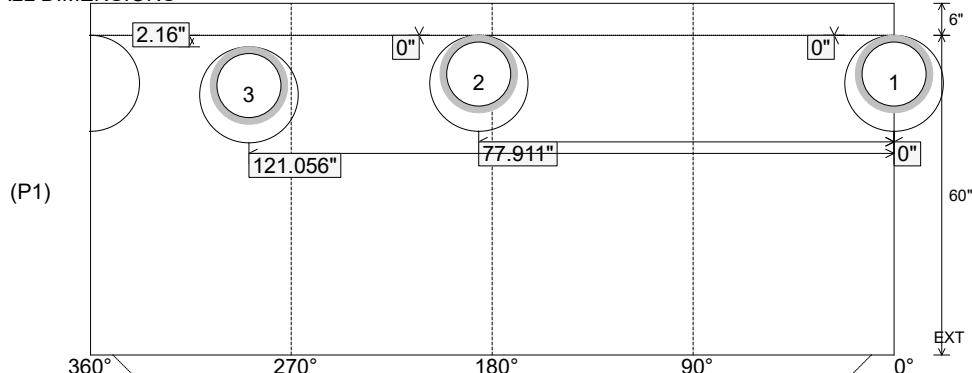
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	877.9'	0°	0"	12" HDPE	14.5"	Hole 18	18"	18.451"	0"	0"
Invert 2	877.9'	186°	94.143"	12" HDPE	14.5"	Hole 18	18"	18.451"	0"	0"
Invert 3	878.08'	289°	146.276"	12" HDPE	14.5"	Hole 18	18"	18.451"	2.16"	0"
Invert 4										
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

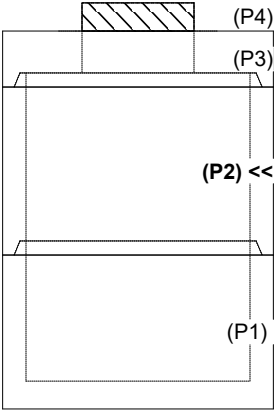
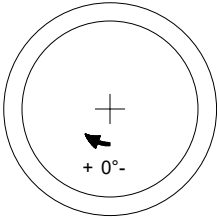
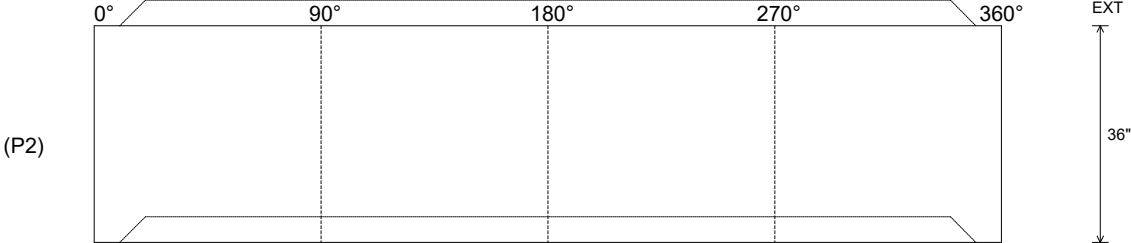
Wall Thickness: 5"
Floor Height: 6"

Height (Int): 60"
Height (Ext): 66"

Weight (Net): 5195 lb
Volume (Net): 1.33cu.yd

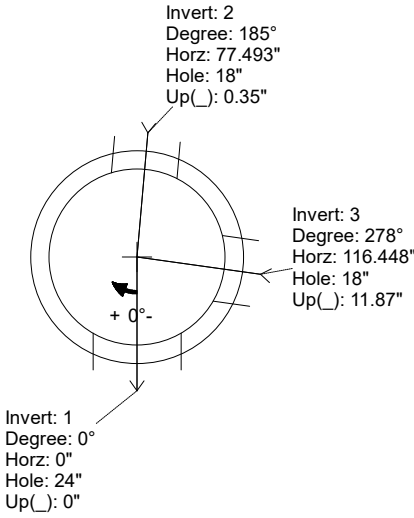
Job Name: 25-4490P2 Heartland Meadows Subdivision Job Location: Elizabethtown, KY 40165 Contractor: Kauffeld Brothers Construction					Plant: 100 7/30/2026 10:23:12 AM		Tech: Jared - A PC: Celina Goff			
Structure ID: CB 5-63 (95)										
P1 MH048BAVF		MH BASE Custom Ht								
P4) 24" x 30" - CASTING HEIGHT - 6" P3) 48" - MH FLAT TOP w/24"x30" Hole - 12" P2) 48" - MH RISER SPECIAL - 36" P1) 48" - MH BASE Custom Ht - 27" 1) CASTING - HOE 360 L Vane Set (F/G/H) 2) 48" - Conseal CS-102 1.00" 1) 24" x 30" - Conseal CS-102 1.00" 1) Hole - 18					0 lb 1935 lb 2515 lb 3107 lb 362 lb 0 lb 0 lb 0 lb ----- 7920 lb		Structure Notes: . 1. HOE 360 FLAT SET PROVIDED BY ICAST. 2. PER ASTM C478 SPECIFICATIONS. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. NO INVERT CHANNEL. 5. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - WALLS (As .12) #5 BARS AT 12" C.C.E.W.. - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.			
Rim: 862.87' Rim to Invert: 6.68' Slack: 0.41' Sump: 1.25" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	856.19'	0°	0"	12" HDPE	14.5"	Hole 18	18"	18.451"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 27" Height (Ext): 33"	Weight (Net): 3107 lb Volume (Net): 0.79cu.yd
----------------------------------	---------------------------------	--	--	--

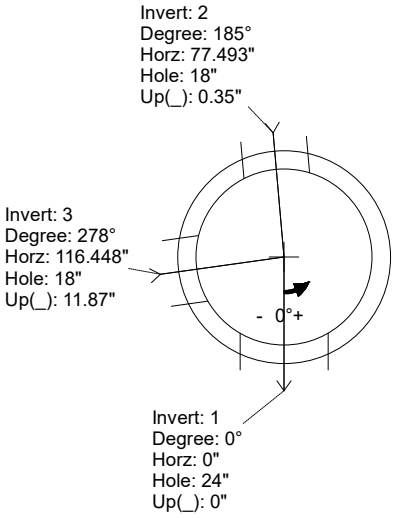
Job Name: 25-4490P2 Heartland Meadows Subdivision					Plant: 100		Tech: Jared - A				
Job Location: Elizabethtown, KY 40165					7/30/2026 10:20:31 AM		PC: Celina Goff				
Contractor: Kauffeld Brothers Construction											
Structure ID: CB 5-63 (95)											
P2 MH048RS36S			MH RISER SPECIAL								
P4) 24" x 30" - CASTING HEIGHT - 6" P3) 48" - MH FLAT TOP w/24"x30" Hole - 12" P2) 48" - MH RISER SPECIAL - 36" P1) 48" - MH BASE Custom Ht - 27" 1) CASTING - HOE 360 L Vane Set (F/G/H) 2) 48" - Conseal CS-102 1.00" 1) 24" x 30" - Conseal CS-102 1.00" 1) Hole - 18					0 lb 1935 lb 2515 lb 3107 lb 362 lb 0 lb 0 lb 0 lb ----- 7920 lb		Structure Notes: 1. HOE 360 FLAT SET PROVIDED BY ICAST. 2. PER ASTM C478 SPECIFICATIONS. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. NO INVERT CHANNEL. 5. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - WALLS (As .12) #5 BARS AT 12" C.C.E.W. - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.				
Rim: 862.87' Rim to Invert: 6.68' Slack: 0.41' Sump: 1.25' 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: 5" Floor Height: 0"		Height (Int): 36" Height (Ext): 36"		Weight (Net): 2515 lb Volume (Net): 0.64cu.yd		

Job Name: 25-4490P2 Heartland Meadows Subdivision Job Location: Elizabethtown, KY 40165 Contractor: Kauffeld Brothers Construction					Plant: 100 7/30/2026 10:22:52 AM		Tech: Jared - A PC: Celina Goff				
Structure ID: CB 4-45 (56)											
P1 MH048BA48		MH BASE									
P3) 24" x 30" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x30" Hole - 12" P1) 48" - MH BASE - 48" 1) CASTING - HOE 360 L Vane Set (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 30" - Conseal CS-102 1.00" 1) Hole - 24 2) Hole - 18						0 lb 1935 lb 4316 lb 362 lb 0 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 6613 lb		Structure Notes: 1. HOE 360 FLAT SET PROVIDED BY ICAST. 2. PER ASTM C478 SPECIFICATIONS. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. 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: 876.54' Rim to Invert: 5.46' Slack: 1.12" Sump: 1.6" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	871.08'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	0"	0"	
Invert 2	871.08'	185°	93.637"	12" HDPE	14.5"	Hole 18	18"	18.451"	0.35"	0"	
Invert 3	872.04'	278°	140.708"	12" HDPE	14.5"	Hole 18	18"	18.451"	11.87"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

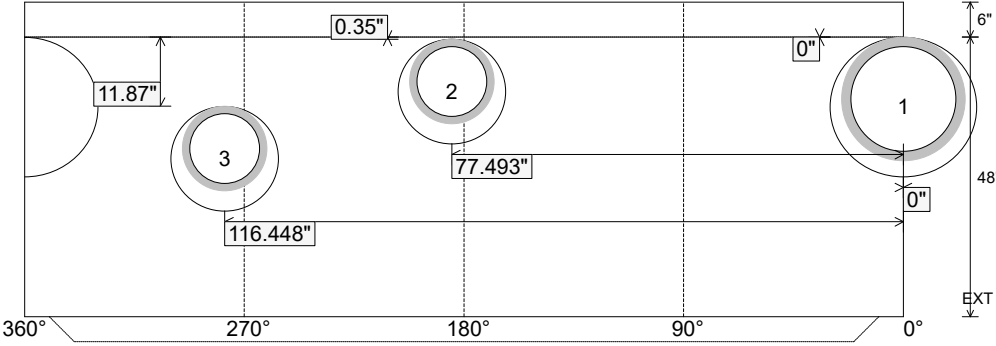
RIGHT-SIDE UP VIEW (int. dimensions)



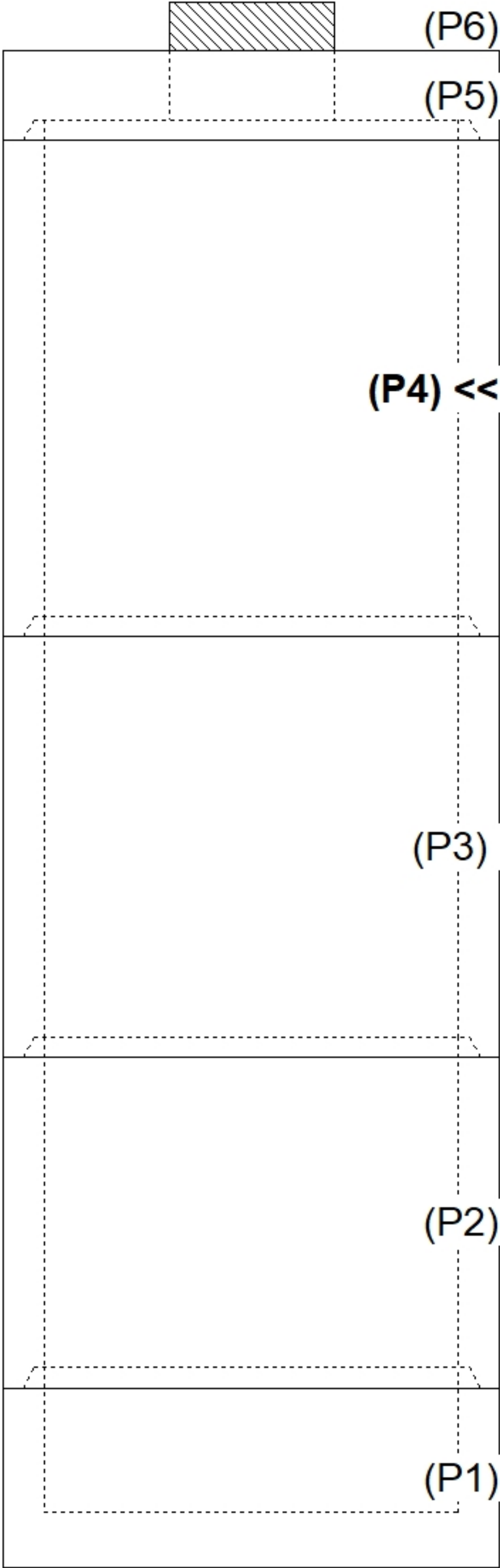
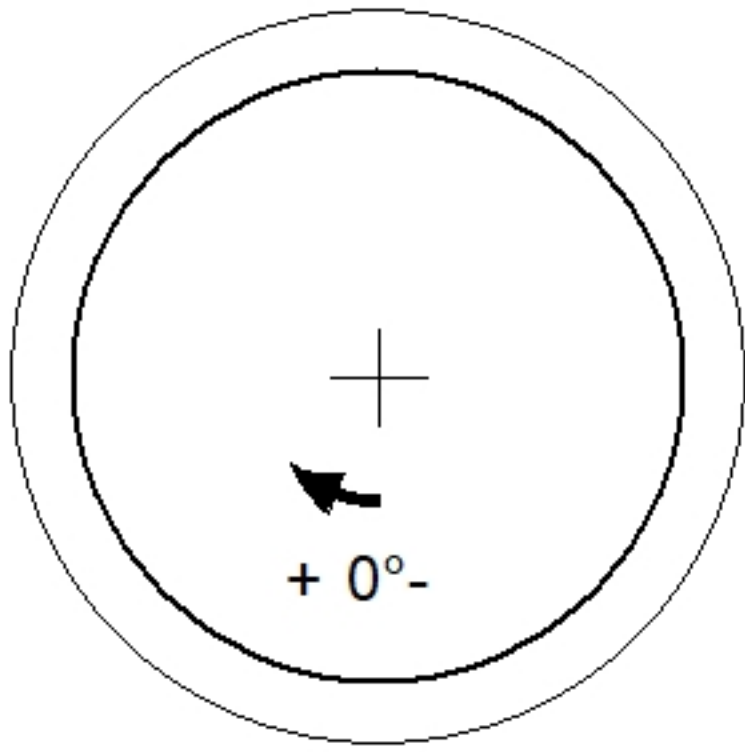
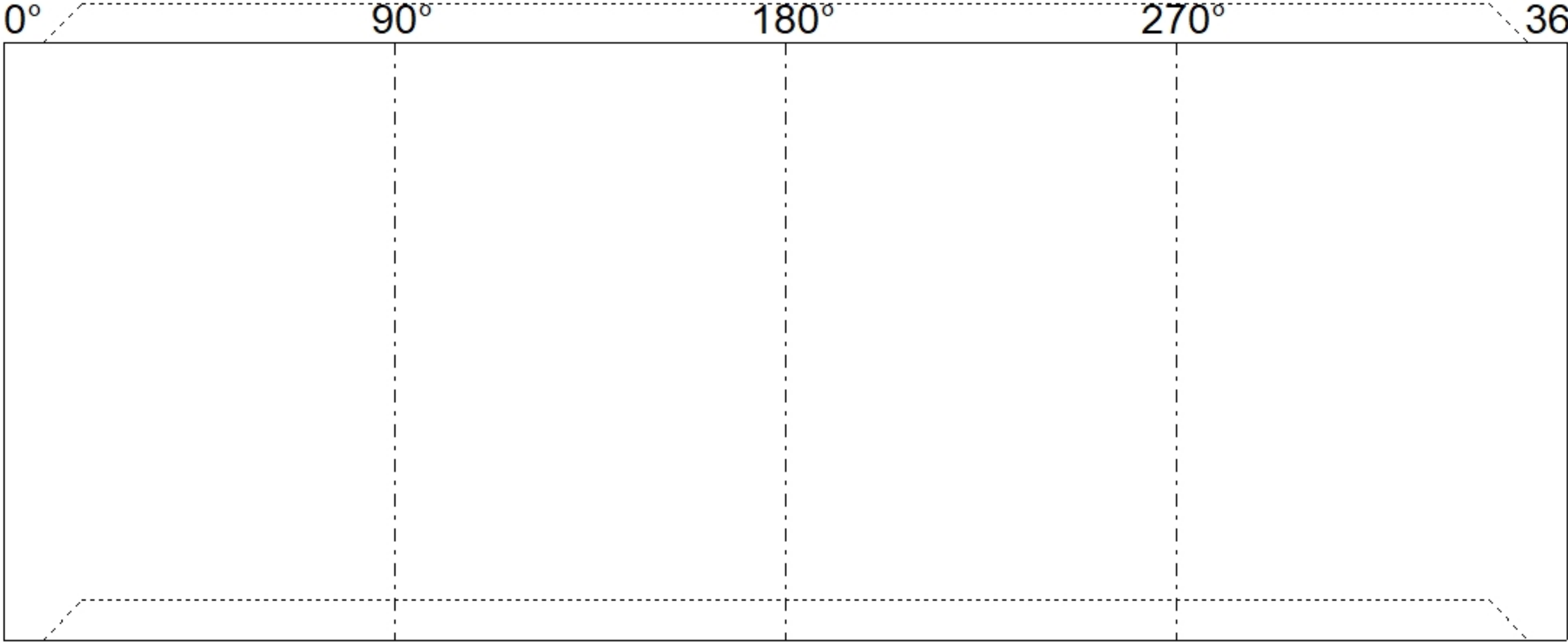
UPSIDE-DOWN VIEW (int. dimensions)

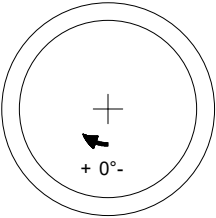
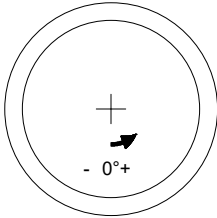
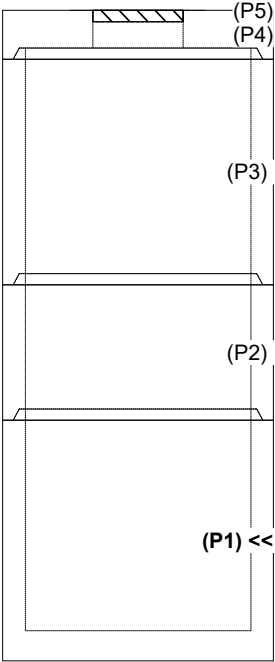
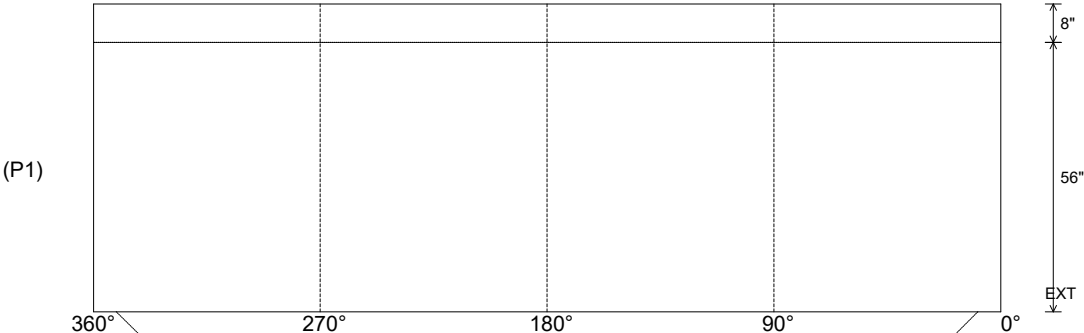


INSIDE WALL DIMENSIONS



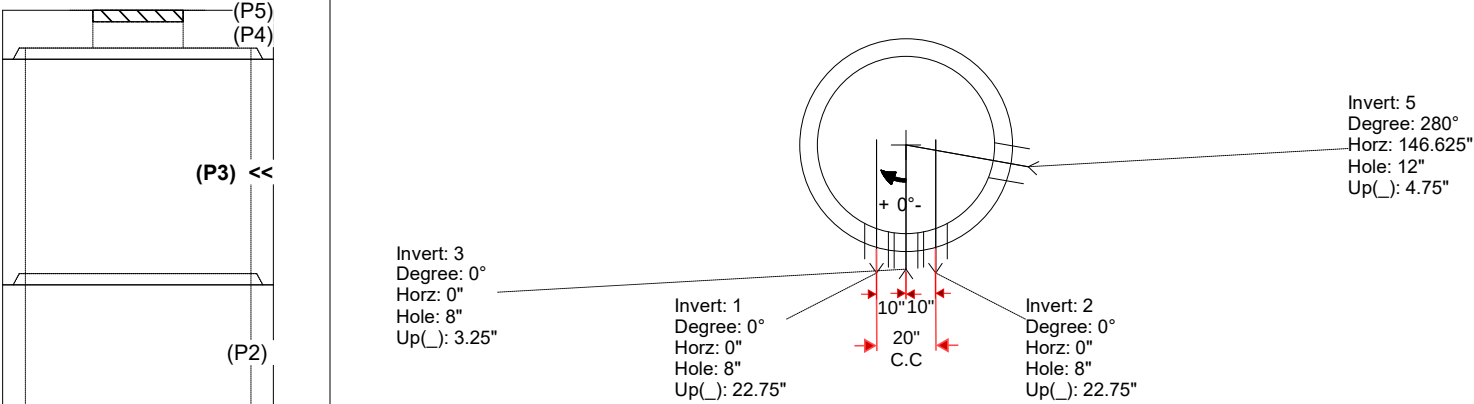
Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 48" Height (Ext): 54"	Weight (Net): 4316 lb Volume (Net): 1.1cu.yd
----------------------------------	---------------------------------	--	--	---

Job Name: 26-2976 ADS St. Charles at Park Hills Job Location: Park Hills, KY Contractor: ADS Advanced Drainage Systems, Inc.					Plant: Beaver Dam 7/23/2026 12:18:13 PM		Tech: S. Felletter PC: T. Ryan						
Structure ID: 4													
P4			MH060RS72			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 - 72" P3) 60" - MH RISER Custom Ht T/G - 61" P2) 60" - MH RISER T/G - 48" P1) 60" - MH BASE T/n - 18" 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 - 38						0 lb 2674 lb 7516 lb 5148 lb 5011 lb 4612 lb 0 lb 0 lb 0 lb 271 lb 0 lb 0 lb 0 lb Structure Total: 25232 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE MC-375 F/C "STORM"). 4. LIFT ANCHORS TO BE ON THE OUTSIDE OF THE STRUCTURE. 5. P2 & P3 RISERS TO BE MECHANICALLY ATTACHED PRIOR TO INTERNAL INSTALLATION/DELIVERY. - 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: 828.73'		Rim to Invert: 11.58'		Slack: 0.96"		Sump: 81"		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													
			0° 90° 180° 270° 360° 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): 7516 lb Volume (Net): 1.92cu.yd			

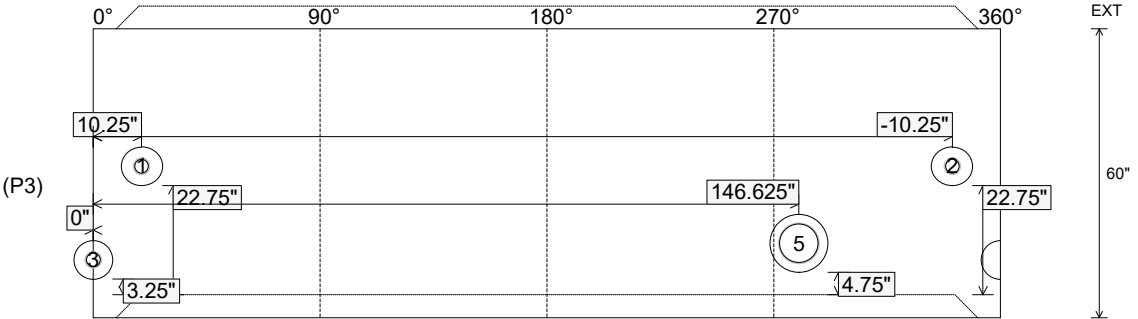
Job Name: 26-2820 - Utility Relocation Job Location: Jackson, KY Contractor: Triton Construction				Plant: 100 8/18/2026 6:25:34 PM		Tech: Jared - F PC: E. Bradley				
Structure ID: QL1										
P1		MH060BAVF		MH BASE Custom Ht T/n						
P5) 24" x 36" - HATCH (CAST FLUSH) - 3" P4) 60" - MH FLAT TOP w/24"x36" Hatch F/G - 13" P3) 60" - MH RISER SPECIAL T/G - 60" P2) 60" - MH RISER SPECIAL T/G - 36" P1) 60" - MH BASE Custom Ht T/n - 56" 1) HATCH (Alum.) - HALLIDAY W1S 24"x36" 3) JOINT WRAP - 12" WD x 060" MAC WRAP 3) 60" - Conseal CS-231 1.00" (Double) 3) PSX - 8QRS-S NYLO 2) PSX - 12-08 NYLO				100 lb 2478 lb 6128 lb 3701 lb 8579 lb 61 lb 0 lb 0 lb 20 lb 16 lb ----- Structure Total: 21082 lb		Structure Notes: . 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,500 PSI AT 28 DAYS. 3. HALLIDAY W1S 36" X24" HATCH TO BE SUPPLIED BY ICAST & CAST-IN INTO TOP SLAB BY ICAST. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .24) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W. NOTE: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING – INSTALLED AT 0, 90, 180, & 270, 18" FROM TOP OF WALLS				
Rim: 736.74' Rim to Invert: 7.31' Slack: 0.48" Sump: 77.76" 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)  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): 56" Height (Ext): 64"		Weight (Net): 8579 lb Volume (Net): 2.19cu.yd	

Job Name: 26-2820 - Utility Relocation Job Location: Jackson, KY Contractor: Triton Construction				Plant: 100 8/18/2026 6:25:54 PM		Tech: Jared - F PC: E. Bradley				
Structure ID: QL1										
P3		MH060RS60S		MH RISER SPECIAL T/G						
P5) 24" x 36" - HATCH (CAST FLUSH) - 3" P4) 60" - MH FLAT TOP w/24"x36" Hatch F/G - 13" P3) 60" - MH RISER SPECIAL T/G - 60" P2) 60" - MH RISER SPECIAL T/G - 36" P1) 60" - MH BASE Custom Ht T/n - 56" 1) HATCH (Alum.) - HALLIDAY W1S 24"x36" 3) JOINT WRAP - 12" WD x 060" MAC WRAP 3) 60" - Conseal CS-231 1.00" (Double) 3) PSX - 8QRS-S NYLO 2) PSX - 12-08 NYLO				100 lb 2478 lb 6128 lb 3701 lb 8579 lb 61 lb 0 lb 0 lb 20 lb 16 lb ----- Structure Total: 21082 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,500 PSI AT 28 DAYS. 3. HALLIDAY W1S 36" X24" HATCH TO BE SUPPLIED BY ICAST & CAST-IN INTO TOP SLAB BY ICAST. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - RISER/WALLS (As .24) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W. NOTE: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING – INSTALLED AT 45, 135, 225, & 315, 18" FROM TOP OF WALLS				
Rim: 736.74' Rim to Invert: 7.31' Slack: 0.48" Sump: 77.76" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	733.12'	0°	10.125"	3" HDPE DR11	3.5"	PSX 8QRS-S NYLO	8"	8.525"	22.75"	10"
Invert 2	733.12'	0°	-10.125"	3" HDPE DR11	3.5"	PSX 8QRS-S NYLO	8"	8.525"	22.75"	-10"
Invert 3	731.5'	0°	0"	3" HDPE DR11	3.5"	PSX 8QRS-S NYLO	8"	8.024"	3.25"	0"
Invert 4										
Invert 5	731.57'	280°	175.875"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.081"	4.75"	0"
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

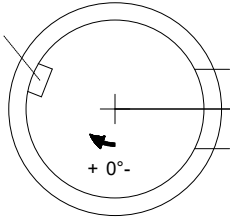


INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 6" Floor Height: 0"	Height (Int): 60" Height (Ext): 60"	Weight (Net): 6128 lb Volume (Net): 1.56cu.yd
----------------------------------	------------------------------------	--	--	--

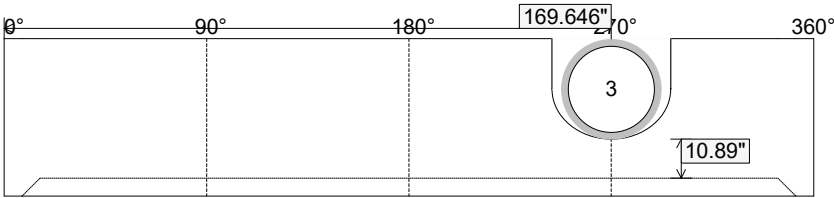
Job Name: 26-2212 - CDTI Building 1 Job Location: Charlestown, IN Contractor: Dan Cristiani Excavating Co. Inc.					Plant: Beaver Dam 8/18/2026 12:42:52 PM		Tech: J. Coppage PC: E. Bradley				
Structure ID: 109 ST-MH											
P2		MH072RSVF		MH RISER Custom Ht							
P4) 24" x 48" - CASTING HEIGHT - 8" P3) 72" - MH FLAT TOP w/24"x48" Hole - 10" P2) 72" - MH RISER Custom Ht - 44" P1) 72" - MH BASE Custom Ht - 78" 2) 72" - Conseal CS-102 1.00" 1) 24" x 48" - Conseal CS-102 1.00" 2) Hole - 52 1) DOGHOUSE INVRTD - 32"x28" 6) MH Step ML-10-TDS-NCR - 10"					0 lb 4139 lb 5928 lb 12537 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 22604 lb		Structure Notes: . **INDOT STATE PROJECT** 1. (NEENAH R-3287-15 PROVIDED BY OTHERS) 2. INDOT MH TYPE K / ASTM C478 SPEC'S. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. NO INVERT CHANNEL. 5. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .12) - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.				
Rim: 606.33' Rim to Invert: 11.44' Slack: 0.43" Sump: 3.15" Step Position: 111°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1											
Invert 2											
Invert 3	602.61'	270°	202.633"	24" HDPE	27.8"	DOGHOUSE INVRTD 32"x28"	32" x 28"	33.16"	10.89"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



RIGHT-SIDE UP VIEW (int. dimensions)

Step: 111°
Horz: 69.743"

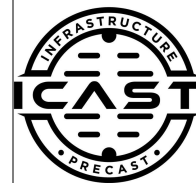
Invert: 3
Degree: 270°
Horz: 169.646"
Hole: 32" x 28"
Up(): 10.89"



INSIDE WALL DIMENSIONS

(P2)

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 7" Floor Height: 0"	Height (Int): 44" Height (Ext): 44"	Weight (Net): 5928 lb Volume (Net): 1.51cu.yd
----------------------------------	----------------------------------	--	--	--

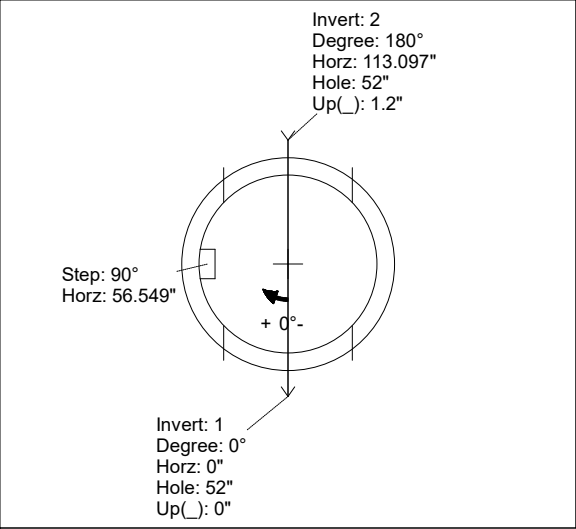


Structure Total: 22604 lb

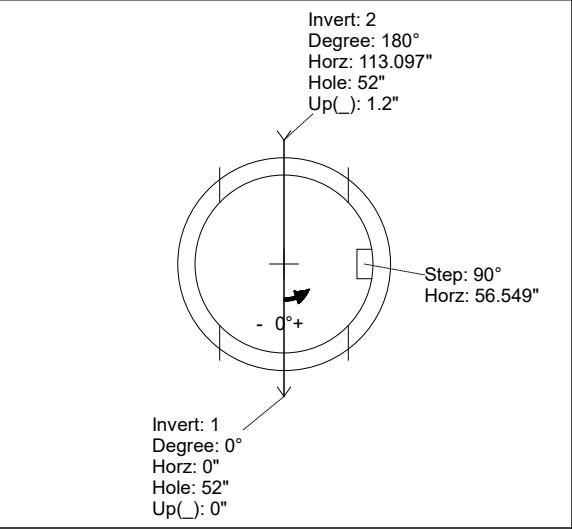
Weight (Net): 4139 lb
Volume (Net): 1.02cu.yd

Job Name: 26-2212 - CDTI Building 1 Job Location: Charlestown, IN Contractor: Dan Cristiani Excavating Co. Inc.					Plant: Beaver Dam 8/18/2026 12:38:30 PM		Tech: J. Coppage PC: E. Bradley				
Structure ID: 108 ST-MH											
P1 MH072BAVF		MH BASE Custom Ht									
P4) 24" x 36" - CASTING HEIGHT - 6" P3) 72" - MH FLAT TOP w/24"x36" Hole - 10" P2) 72" - MH RISER Custom Ht - 39" P1) 72" - MH BASE Custom Ht - 66" 2) 72" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 52 1) DOGHOUSE INVRTD - 32"x28" 5) MH Step ML-10-TDS-NCR - 10"					0 lb 4149 lb 5189 lb 10787 lb 0 lb 0 lb 0 lb 0 lb 0 lb 0 lb		Structure Notes: . **INDOT STATE PROJECT** 1. (GREEN HAT CI3158-F PROVIDED BY OTHERS) 2. INDOT MH TYPE K / ASTM C478 SPEC'S. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. NO INVERT CHANNEL. 5. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .12) - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.				
Structure Total: 20126 lb											
Rim: 606.47' Rim to Invert: 9.98' Slack: 1.91" Sump: 3.15" Step Position: 90°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	596.49'	0°	0"	42" HDPE	47.7"	Hole 52	52"	58.105"	0"	0"	
Invert 2	596.59'	180°	135.088"	42" HDPE	47.7"	Hole 52	52"	58.105"	1.2"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

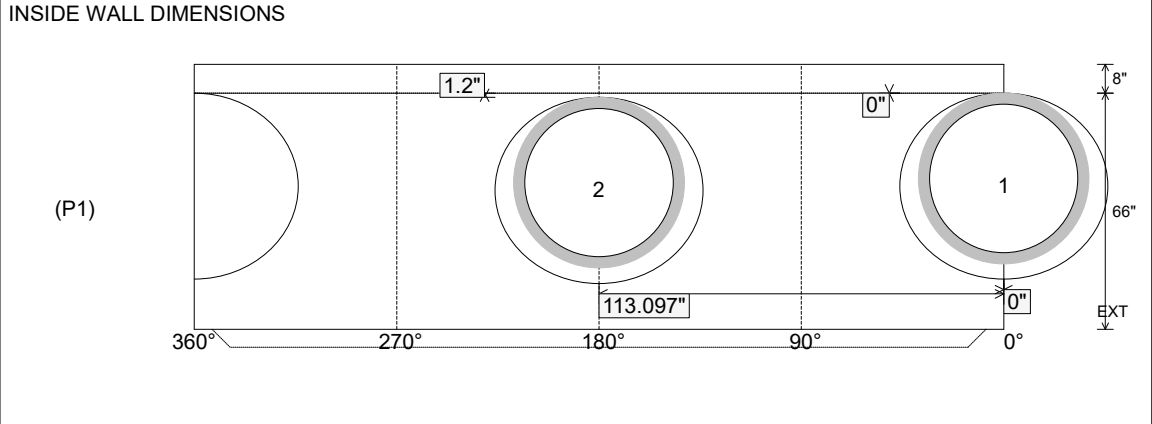
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 7" Floor Height: 8"	Height (Int): 66" Height (Ext): 74"	Weight (Net): 10787 lb Volume (Net): 2.76cu.yd
----------------------------------	---------------------------------	--	--	---

Job Name: 26-1549 Cowan St. Trunk Sewer
Job Location: Nashville, TN
Contractor: Garney Companies, Inc.

Plant: 100
8/5/2026 9:32:25 AM

Tech: Jared - A
PC: Jay Ross Jarvis



Structure ID: MH-5-6 SS-MH

P4 MH084RS96X

MH RISER w/XYPEX

- P6) 30" - CASTING HEIGHT - 6"
P5) 84" - MH FLAT TOP w/2X 30" Holes ECC w/XYPEX - 17"
P4) 84" - MH RISER w/XYPEX - 96"
P3) 84" - MH RISER w/XYPEX - 96"
P2) 84" - MH RISER w/XYPEX - 96"
P1) 84" - MH BASE w/FLANGE (12F/14EF) w/XYPEX - 93"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) ADMIXTURE XYPEX C-1000 RED
1) SECONDARY POUR - EXT. FLANGE
2) CASTING - JBS 1312 WT F/C SANITARY
4) 84" - Conseal CS-102 1.00" (Double)
2) A-Lok - 1840
1) Kor-N-Seal2 - S206-30 (DBL Bands)

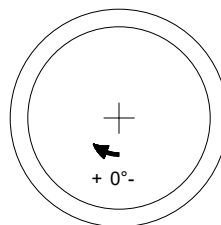
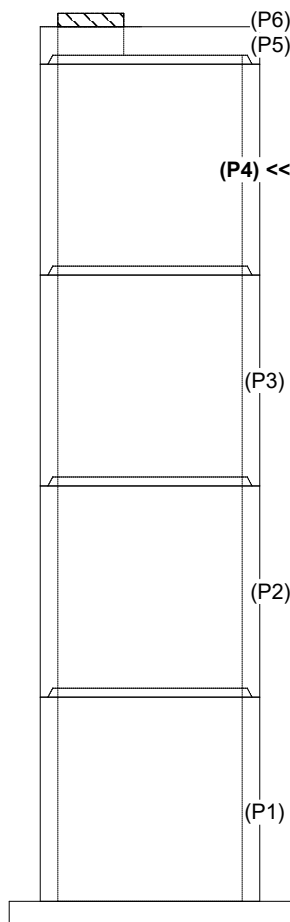
- 0 lb
6992 lb
18626 lb
18143 lb
18626 lb
27004 lb
0 lb
0 lb
0 lb
0 lb
600 lb
0 lb
2 lb
6 lb

Structure Total: 89999 lb
- Structure Notes: .
PLAN LABEL: MH-5
1. JBS 1312 WT F/C SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. ADMIXTURE = XYPEX C-1000 RED.
5. 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.
6. DOUBLE BANDS FOR BOOTS
7. ANY REQUIRED INTERIOR COATINGS TO BE SUPPLIED & APPLIED BY OTHERS.
8. **NO STEPS**

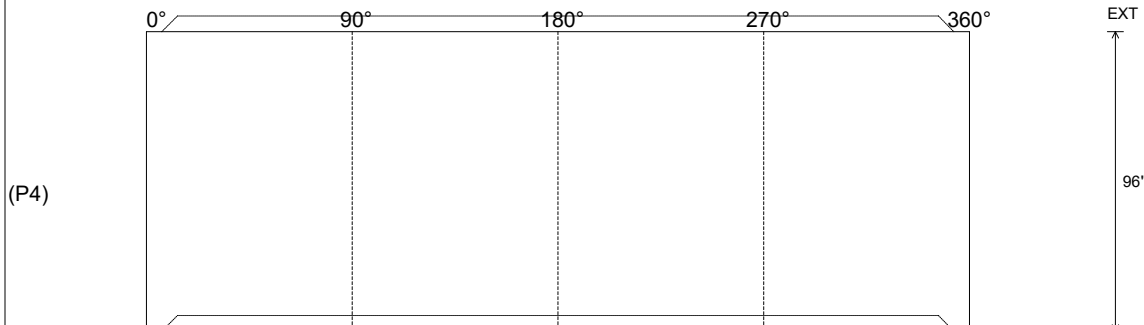
Rim: 417.26' Rim to Invert: 33.46' Slack: 0.02" Sump: 2.5" Step Position:

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										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



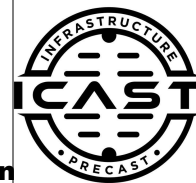
Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 8"
Floor Height: 0"

Height (Int): 96"
Height (Ext): 96"

Weight (Net): 18626 lb
Volume (Net): 4.76cu.yd



Weight (Net): 38233 lb
Volume (Net): 9.77cu.yd

Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion

Job Location: Shepherdsville, KY

Contractor: Pace Contracting, LLC

Plant: 100

6/2/2026 8:26:42 PM

Tech: Jared - F

PC: J Jarvis



Structure ID: PROCESS RETURN V.V.

P1 MH096BAEVF

MH BASE EF Cust. Ht. 12"F (14"EF =142"OD) T/n

P3) 60" x 60" - CASTING HEIGHT - 0"

P2) 96" - MH TOP SLAB w/60"x60" Hatch F/G - 17"

P1) 96" - MH BASE EF Cust. Ht. 12"F (14"EF =142"OD) T/n - 91"

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

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

1) HATCH (Alum.) - HALLIDAY W2S 60"x60"

1) 96" - Conseal CS-102 1.00" (Double)

1) 60" x 60" - Conseal CS-102 1.00" (Double)

3) Z-Lok - C107-8

1) PSX - 8QRS-S NYLO

0 lb

7554 lb

38233 lb

0 lb

0 lb

177 lb

0 lb

0 lb

3 lb

6 lb

Structure Total: 45973 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. HATCH SUPPLIED BY I-CAST (HALLIDAY W2S 60"X60").

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W. (DOUBLE MAT)

- RISER/WALLS (As .24)

- FLOOR (As .37) #5 BARS AT 8" C.C.E.W. (DOUBLE MAT)

Rim: 448.25' Rim to Invert: 8.92' Slack: 0" Sump: 0.96" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	440.42'	0°	-12.125"	8" DI	9"	Z-Lok C107-8	13.5"	14.002"	11.25"	-12"
Invert 2	440.42'	0°	12.125"	8" DI	9"	Z-Lok C107-8	13.5"	14.002"	11.25"	12"
Invert 3	439.33'	0°	0"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.009"	-1"	0"
Invert 4	440.42'	270°	243.875"	8" DI	9"	Z-Lok C107-8	13.5"	15.73"	11.25"	-24"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

1ST POUR (BASE) = 32,564 LBS

2ND POUR (EXTENDED FLANGE) = 5,669 LBS

Invert: 4

Degree: 270°

Horz: 226.25"

Hole: 13.5"

Up(): 11.25"

Invert: 3

Degree: 0°

Horz: 0"

Hole: 8"

Up(): -1"

Invert: 2

Degree: 0°

Horz: 0"

Hole: 13.5"

Up(): 11.25"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 13.5"

Up(): 11.25"

UPSIDE-DOWN VIEW (int. dimensions)

142"

114"

96"

14"

9"

18"

#5 Bar dowels @ 18" O.C to be drilled in base slab for flange attachment

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

EXT 91"

12"

(P1) 12.125"

0"

11.25"

-1"

201"

11.25"

-12.125"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 9"

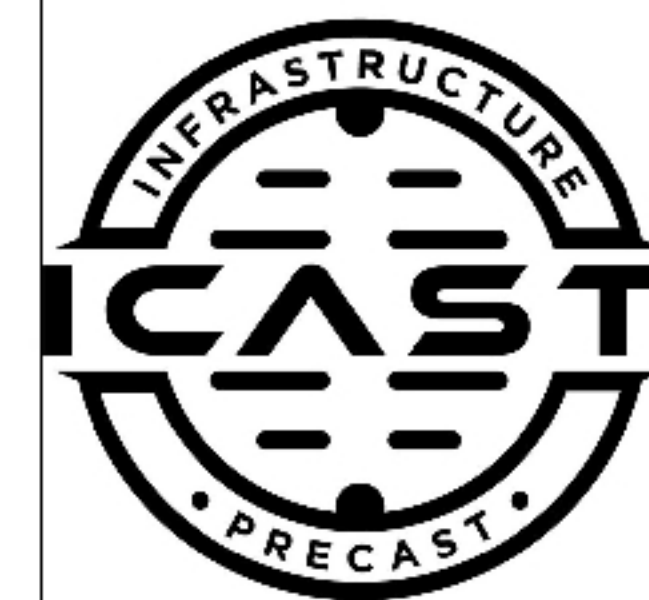
Floor Height: 12"

Height (Int): 91"

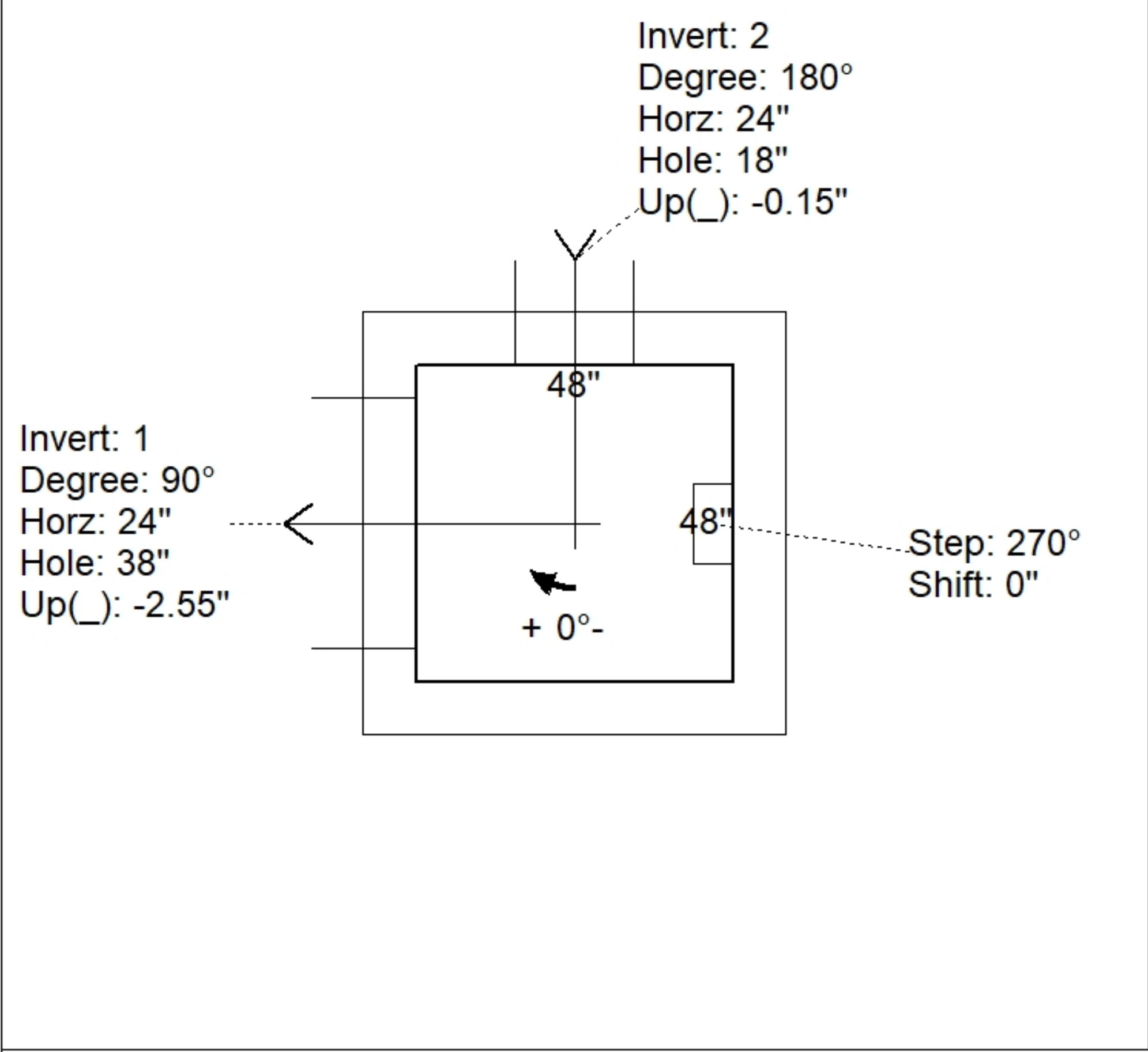
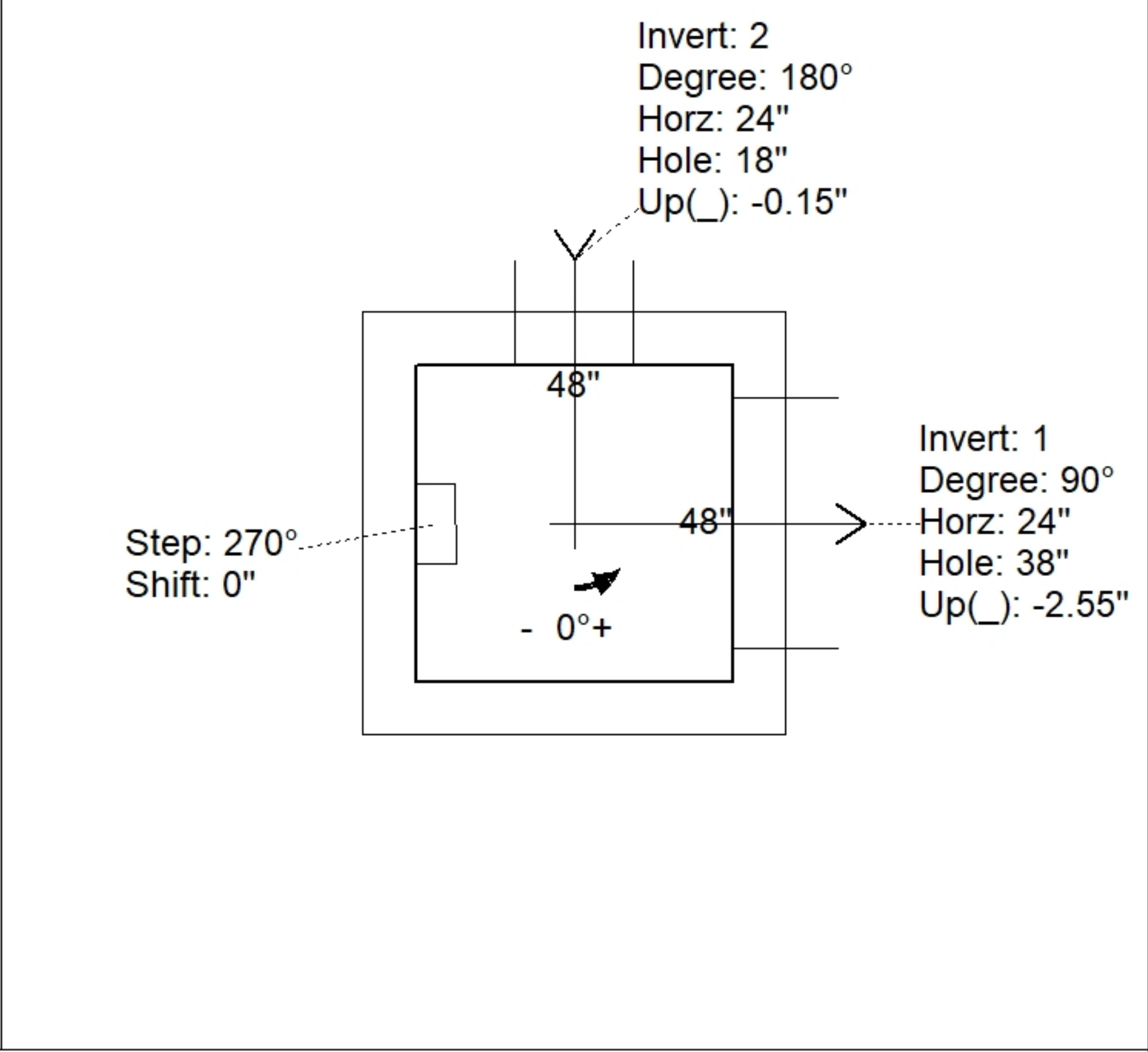
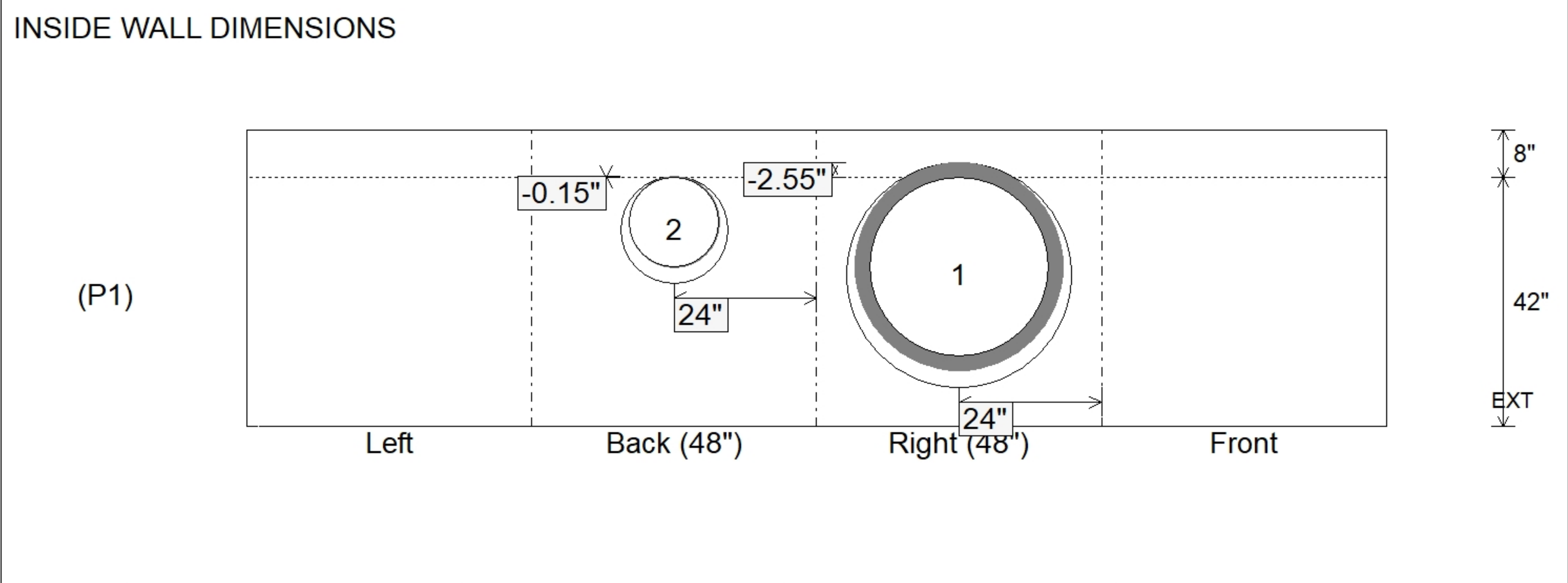
Height (Ext): 103"

Weight (Net): 38233 lb

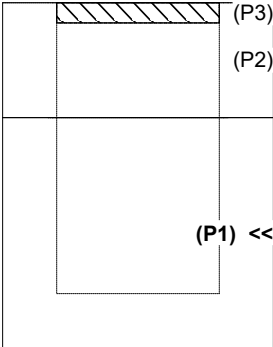
Volume (Net): 9.77cu.yd



Weight (Net): 5781 lb
Volume (Net): 1.48cu.yd

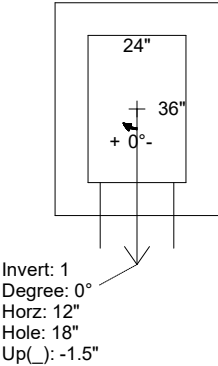
Job Name: 26-1000P2 Clark Distributing New HQ - Site Structures				Plant: Beaver Dam		Tech: S. Felletter				
Job Location: Bowling Green, KY				8/11/2026 9:19:07 AM		PC: M. Sullivan				
Contractor: Scotty's Contracting & Stone, LLC										
Structure ID: DBI-12										
P1		BX4848-08BAVF		BOX BASE 8inW, 8inF, Variable Ht F/n						
P2) 48" x 48" - CASTING HEIGHT - 4.5" P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 42" 1) CASTING - HOE 918 F/G 1) 48" x 48" - Conseal CS-102 1.00" 1) Hole - 38 1) Hole - 18 4) MH Step ML-10-TDS-NCR - 10"				0 lb 8133 lb 228 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 8361 lb		Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE 918 F/G). - REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - WALLS (As .12) #5 BARS AT 12" C.C.E.W. - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.				
Rim: 587.63' Rim to Invert: 3.9' Slack: 0.3" Sump: 0" Step Position: 0°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	583.73'	90°	32"	30" HDPE	35.1"	Hole 38	38"	38"	-2.55"	0"
Invert 2	583.73'	180°	32"	15" PVC SDR35	15.3"	Hole 18	18"	18"	-0.15"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										
RIGHT-SIDE UP VIEW (int. dimensions) UPSIDE-DOWN VIEW (int. dimenions)   INSIDE WALL DIMENSIONS  Coating (Int): Coating (Ext): Seam Up: Flat Seam Dn: n/a Wall Thickness: 8" Floor Height: 8" Height (Int): 42" Height (Ext): 50" Weight (Net): 8133 lb Volume (Net): 2.08cu.yd										

Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007) Job Location: I-264 Louisville, Ky. Contractor: Cleary Construction, Inc.					Plant: Beaver Dam, KY 8/4/2026 11:26:48 AM		Tech: J. Coppage PC: T. Ryan				
Structure ID: 4016+28 LT CBBI-MOD B1											
P1		BX2436-08BVF		BOX BASE 8inW, 8inF, Variable Ht							
P3) 24" x 120" - CASTING (cast in) - 3" P2) 24" x 120" - CB MED BAR BOX INLET 9B1 RH - 17" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 26" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 18						0 lb 4000 lb 3878 lb 0 lb 0 lb ----- 0 lb		Structure Notes: . -KYTC STATE PROJECT 251007 -REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.) -CASTING FRAMES & GRATES BY OTHERS. -CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST). -KYTC CERTIFICATIONS REQUIRED.			
Structure Total: 7878 lb											
Rim: 587.78' Rim to Invert: 3.9' Slack: 3.8" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	583.88'	0°	20"	15" CMP	16"	Hole 18	18"	18"	-1.5"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



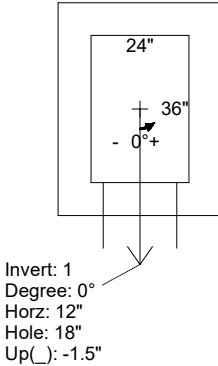
(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



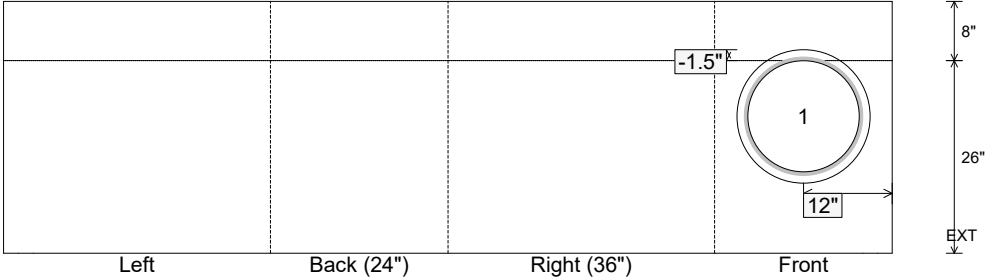
Invert: 1
Degree: 0°
Horz: 12"
Hole: 18"
Up(_): -1.5"

UPSIDE-DOWN VIEW (int. dimensions)



Invert: 1
Degree: 0°
Horz: 12"
Hole: 18"
Up(_): -1.5"

INSIDE WALL DIMENSIONS

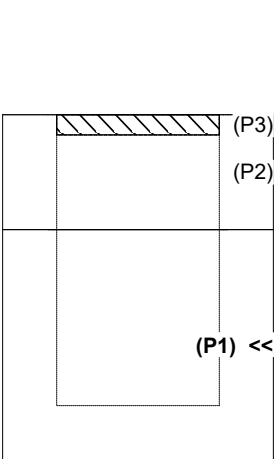
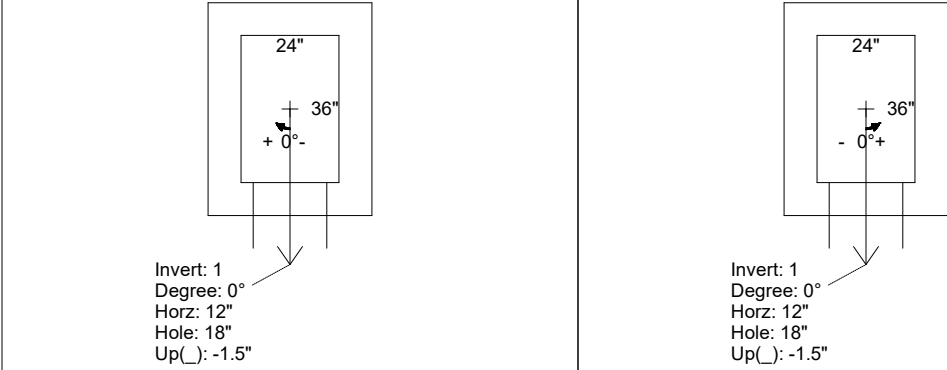
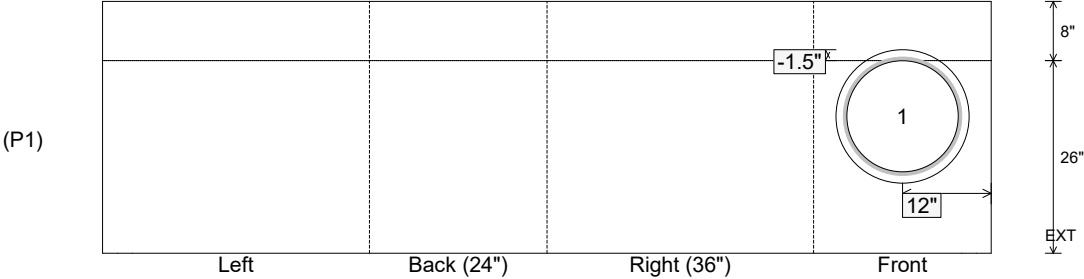


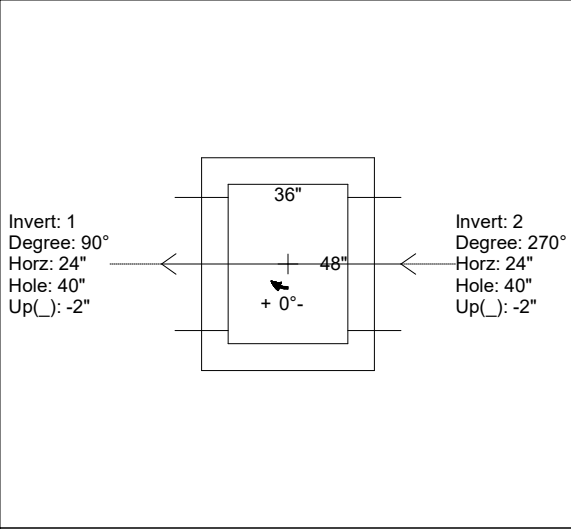
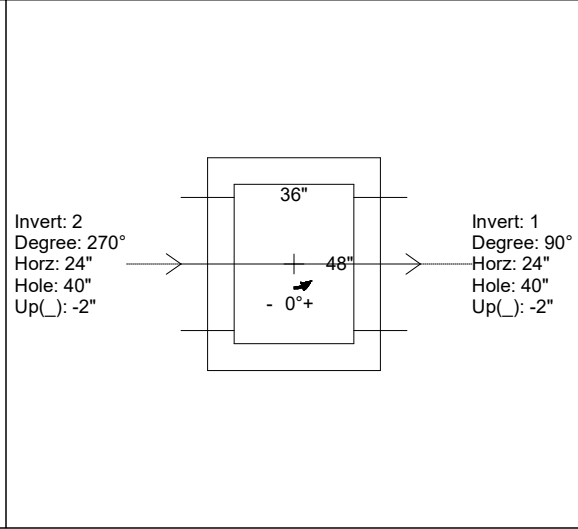
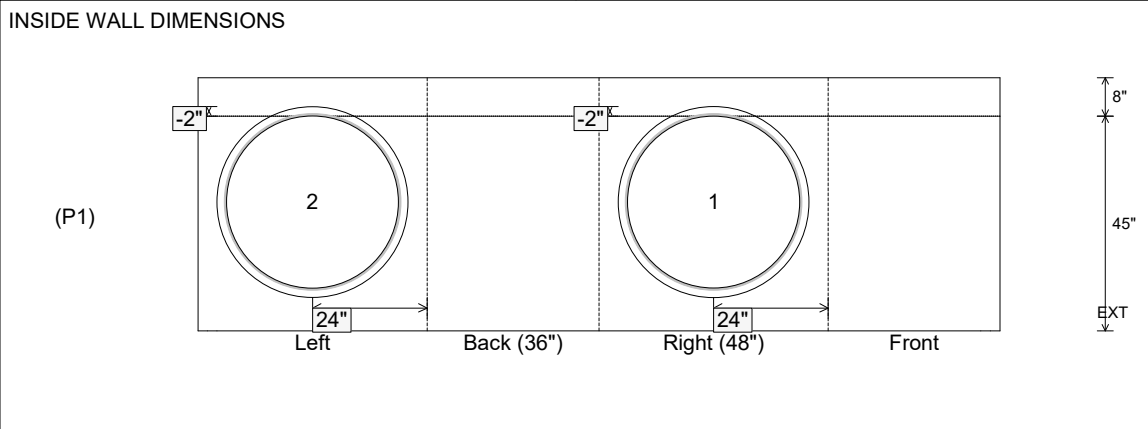
(P1)

Left Back (24") Right (36") Front

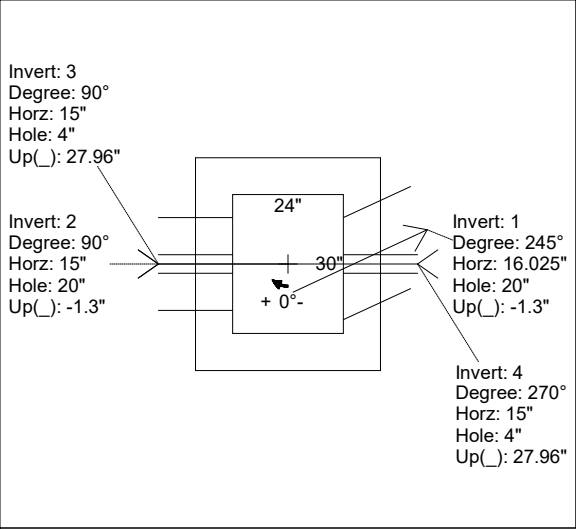
8" 26" EXT

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 26" Height (Ext): 34"	Weight (Net): 3878 lb Volume (Net): 0.99cu.yd
----------------------------------	-------------------------------	--	--	--

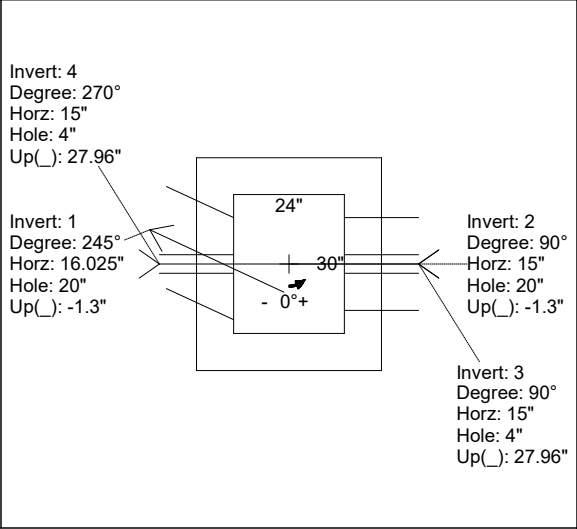
Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007) Job Location: I-264 Louisville, Ky. Contractor: Cleary Construction, Inc.					Plant: Beaver Dam, KY 8/4/2026 11:26:48 AM		Tech: J. Coppage PC: T. Ryan				
Structure ID: 4016+80 LT CBBI-MOD A1											
P1		BX2436-08BVF		BOX BASE 8inW, 8inF, Variable Ht							
P3) 24" x 120" - CASTING (cast in) - 3" P2) 24" x 120" - CB MED BAR BOX INLET 9A1 SAG - 17" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 26" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 18						0 lb 4000 lb 3878 lb 0 lb 0 lb ----- Structure Total: 7878 lb		Structure Notes: . -KYTC STATE PROJECT 251007 -REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.) -CASTING FRAMES & GRATES BY OTHERS. -CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST). -KYTC CERTIFICATIONS REQUIRED.			
Rim: 587.85'		Rim to Invert: 3.95'		Slack: 4.4"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	583.9'	0°	20"	15" CMP	16"	Hole 18	18"	18"	-1.5"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions)						UPSIDE-DOWN VIEW (int. dimenions)					
											
INSIDE WALL DIMENSIONS											
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: n/a		Wall Thickness: 8" Floor Height: 8"		Height (Int): 26" Height (Ext): 34"		Weight (Net): 3878 lb Volume (Net): 0.99cu.yd		

Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007) Job Location: I-264 Louisville, Ky. Contractor: Cleary Construction, Inc.					Plant: Beaver Dam, KY 8/4/2026 11:26:36 AM		Tech: J. Coppage PC: T. Ryan				
Structure ID: 5094+66 LT CBBI-MOD B1											
P1		BX3648-08BAVF		BOX BASE 8inW, 8inF, Variable Ht							
P3) 24" x 120" - CB MED BAR BOX INLET 9B1 LH - 17" P2) 36" x 48" - CB FT REDUCER 24"X36" HOLE-FT - 8" P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 45" 1) 36" x 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 40					4000 lb 1654 lb 6589 lb 0 lb 0 lb 0 lb		Structure Notes: . -KYTC STATE PROJECT 251007 -REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.) -CASTING FRAMES & GRATES BY OTHERS. -CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST). -KYTC CERTIFICATIONS REQUIRED.				
Structure Total:					12243 lb						
Rim: 585.39' Rim to Invert: 6.15' Slack: 3.8" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	579.24'	90°	32"	36" CMP	37"	Hole 40	40"	40"	-2"	0"	
Invert 2	579.24'	270°	32"	36" CMP	37"	Hole 40	40"	40"	-2"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions) UPSIDE-DOWN VIEW (int. dimenions)											
 Invert: 1 Degree: 90° Horz: 24" Hole: 40" Up(): -2" Invert: 2 Degree: 270° Horz: 24" Hole: 40" Up(): -2"  Invert: 2 Degree: 270° Horz: 24" Hole: 40" Up(): -2" Invert: 1 Degree: 90° Horz: 24" Hole: 40" Up(): -2"											
INSIDE WALL DIMENSIONS											
 (P1) 2 1 24" 24" 24" 24" Left Back (36") Right (48") Front 8" 45" EXT											
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: n/a		Wall Thickness: 8" Floor Height: 8"		Height (Int): 45" Height (Ext): 53"		Weight (Net): 6589 lb Volume (Net): 1.68cu.yd		

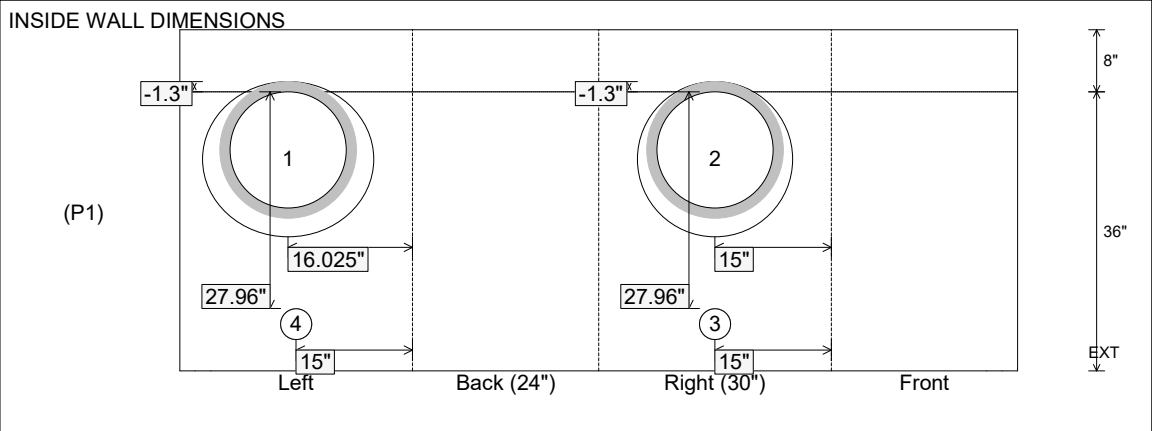
Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018) Job Location: Hopkinsville, KY Contractor: Scotty's Contracting & Stone, LLC					Plant: Beaver Dam 7/30/2026 8:55:16 AM		Tech: J. Horsley PC: C. Goff				
Structure ID: 235 (425+04 RT)											
P1		BX24300808VF		BOX BASE 8inW, 8inF, Variable Ht F/n							
P3) 15" x 27" - P.I.P. - BY OTHERS - 8" P2) 24" x 30" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8" P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht F/n - 36" 1) CASTING - HOE KY-230-G F/G (GRADE) 1) 24" x 30" - Conseal CS-102 1.00" 2) Hole - 20 2) Hole - 4					0 lb 963 lb 4158 lb 237 lb 0 lb 0 lb 0 lb ----- Structure Total: 5358 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. KYTC DBI TYPE 13G / ASTM C-913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE KY-230 F/G). 4. STUB #5 BARS UP 6" AROUND 15x27 OPENING IN TOP SLAB (SPA@12"C/C) REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. (DBL MAT). - WALLS (As .31) #5 BARS AT 12" C.C.E.W.. - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.				
Rim: 547.03'		Rim to Invert: 4.61'		Slack: 3.32"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	542.42'	245°	20.294"	15" HDPE	17.6"	Hole 20	20"	22.068"	-1.3"	6"	
Invert 2	542.42'	90°	23"	15" HDPE	17.6"	Hole 20	20"	20"	-1.3"	0"	
Invert 3	544.75'	90°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	27.96"	0"	
Invert 4	544.75'	270°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	27.96"	0"	
Invert 5											
Invert 6											
Invert 7											
Invert 8											



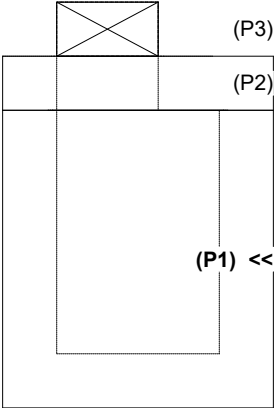
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



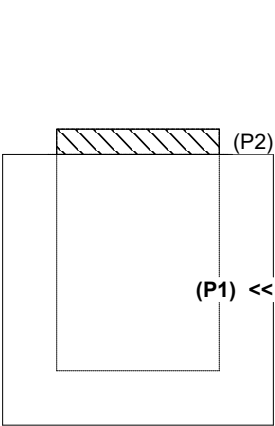
(P3)

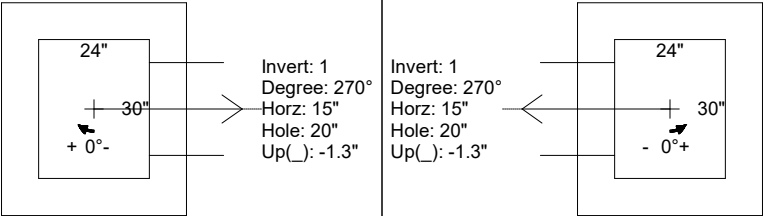
(P2)

(P1) <<

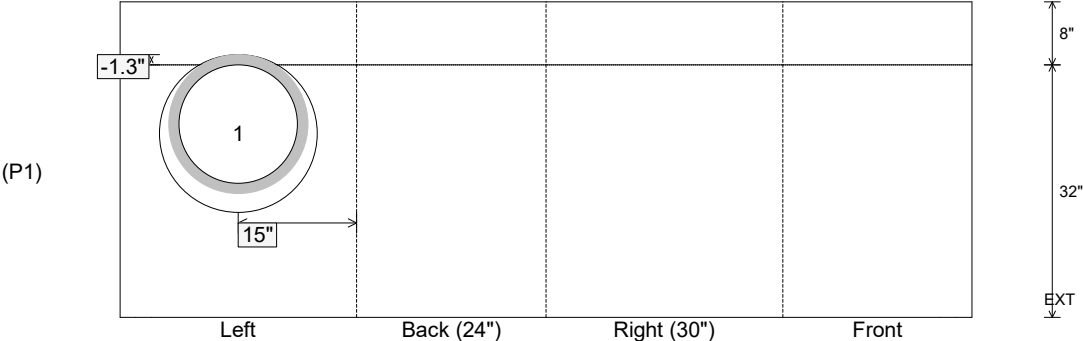
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 36" Height (Ext): 44"	Weight (Net): 4158 lb Volume (Net): 1.06cu.yd
----------------------------------	-------------------------------	--	--	--

Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018) Job Location: Hopkinsville, KY Contractor: Scotty's Contracting & Stone, LLC					Plant: Beaver Dam 7/30/2026 8:55:25 AM		Tech: J. Horsley PC: C. Goff				
Structure ID: 241 (427+72 LT)											
P1		BX24300808VF		BOX BASE 8inW, 8inF, Variable Ht F/n							
P2) 24" x 30" - CASTING HEIGHT - 3.75" P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht F/n - 32" 1) CASTING - HOE KY-460-11 F/G (DBI 11) 1) 24" x 30" - Conseal CS-102 1.00" 1) Hole - 20						0 lb 4032 lb 421 lb 0 lb 0 lb ----- 0 lb Structure Total: 4453 lb		Structure Notes: . **KYTC STATE PROJECT** 1. KYTC DBI TYPE 11 / ASTM C-913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. CASTING BY ICAST (HOE KY-460-11 F/G). REINFORCING PER ASTM A615 (GRADE 60). - WALLS (As .31) #5 BARS AT 12" C.C.E.W.. - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.			
Rim: 540.5'		Rim to Invert: 3'		Slack: 0.25"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	537.5'	270°	23"	15" HDPE	17.6"	Hole 20	20"	20"	-1.3"	0"	
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											





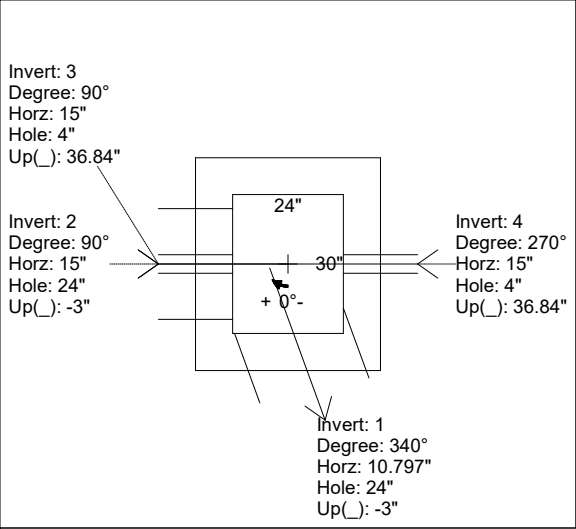
INSIDE WALL DIMENSIONS



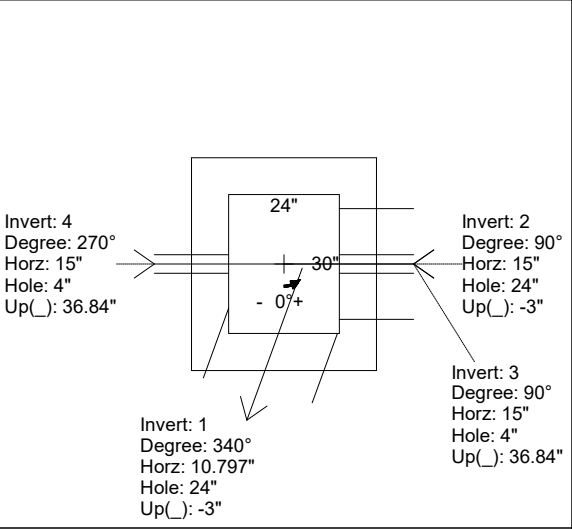
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 32" Height (Ext): 40"	Weight (Net): 4032 lb Volume (Net): 1.03cu.yd
----------------------------------	-------------------------------	--	--	--

Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320) Job Location: Independence, KY Contractor: Eaton Asphalt					Plant: 100 7/1/2026 12:29:38 PM		Tech: Jared - A PC: J. Jarvis				
Structure ID: 469											
P1 BX24300808VF BOX BASE 8inW, 8inF, Variable Ht											
P3) 15" x 27" - P.I.P. - BY OTHERS - 8" P2) 24" x 30" - CB FLAT TOP 8"W w/15"x27" HOLE - 8" P1) 24" x 30" - BOX BASE 8inW, 8inF, Variable Ht - 44" 1) CASTING - HOE KY-230-G F/G (GRADE) 1) 24" x 30" - Conseal CS-102 1.00" 1) 15" x 27" - Conseal CS-102 1.00" 2) Hole - 24 2) Hole - 4						0 lb 963 lb 4705 lb 237 lb 0 lb 0 lb 0 lb 0 lb 0 lb ----- 5905 lb Structure Total:		Structure Notes: **KYTC STATE PROJECT** 1. HOE KY-230-G F/G (GRADE) PROVIDED BY ICAST. 2. KYTC DBI TYPE 13G / ASTM C-913 SPEC'S. 3. CONCRETE = 4,000 PSI AT 28 DAYS. 4. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. - WALLS (As .31) #5 BARS AT 12" C.C.E.W.. - FLOOR (As .31) #5 BARS AT 12" C.C.E.W. 5. STUB #5 BARS 12" OUT OF THE TOP OF THE SLAB (SPACED AT 12" CC) AROUND THE 15" X 27" HOLE			
Rim: 894.5' Rim to Invert: 5.07' Slack: 0.84" Sump: 0" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	889.43'	340°	15.885"	18" ADS N-12	22"	Hole 24	24"	23.567", 5.421"	-3"	4"	
Invert 2	889.43'	90°	23"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"	
Invert 3	892.5'	90°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	36.84"	0"	
Invert 4	892.5'	270°	23"	4" WEEP HOLE	4"	Hole 4	4"	4"	36.84"	0"	
Invert 5											
Invert 6											
Invert 7											
Invert 8											

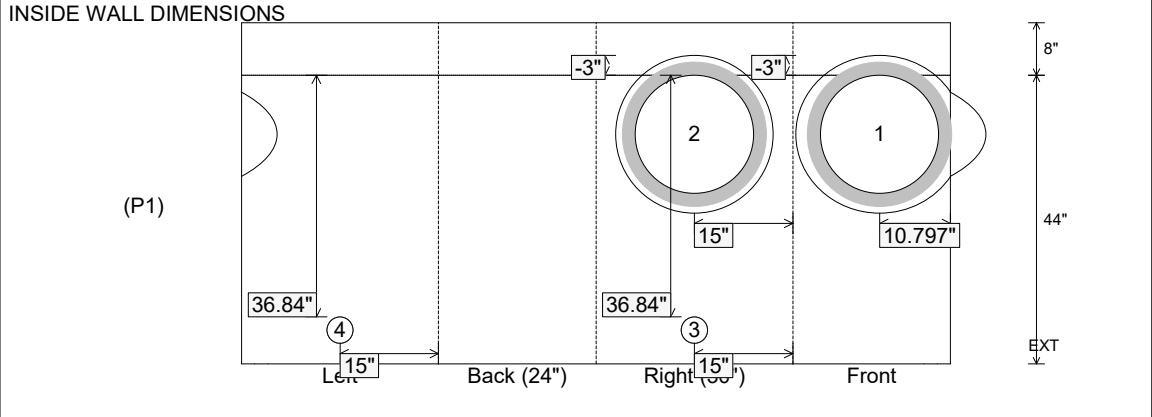
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 44" Height (Ext): 52"	Weight (Net): 4705 lb Volume (Net): 1.2cu.yd
----------------------------------	-------------------------------	--	--	---

Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007)
Job Location: I-264 Louisville, Ky.
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam, KY

Tech: J. Coppage

8/4/2026 11:28:39 AM

PC: T. Ryan



Structure ID: 15+26 CBBI-MOD B1

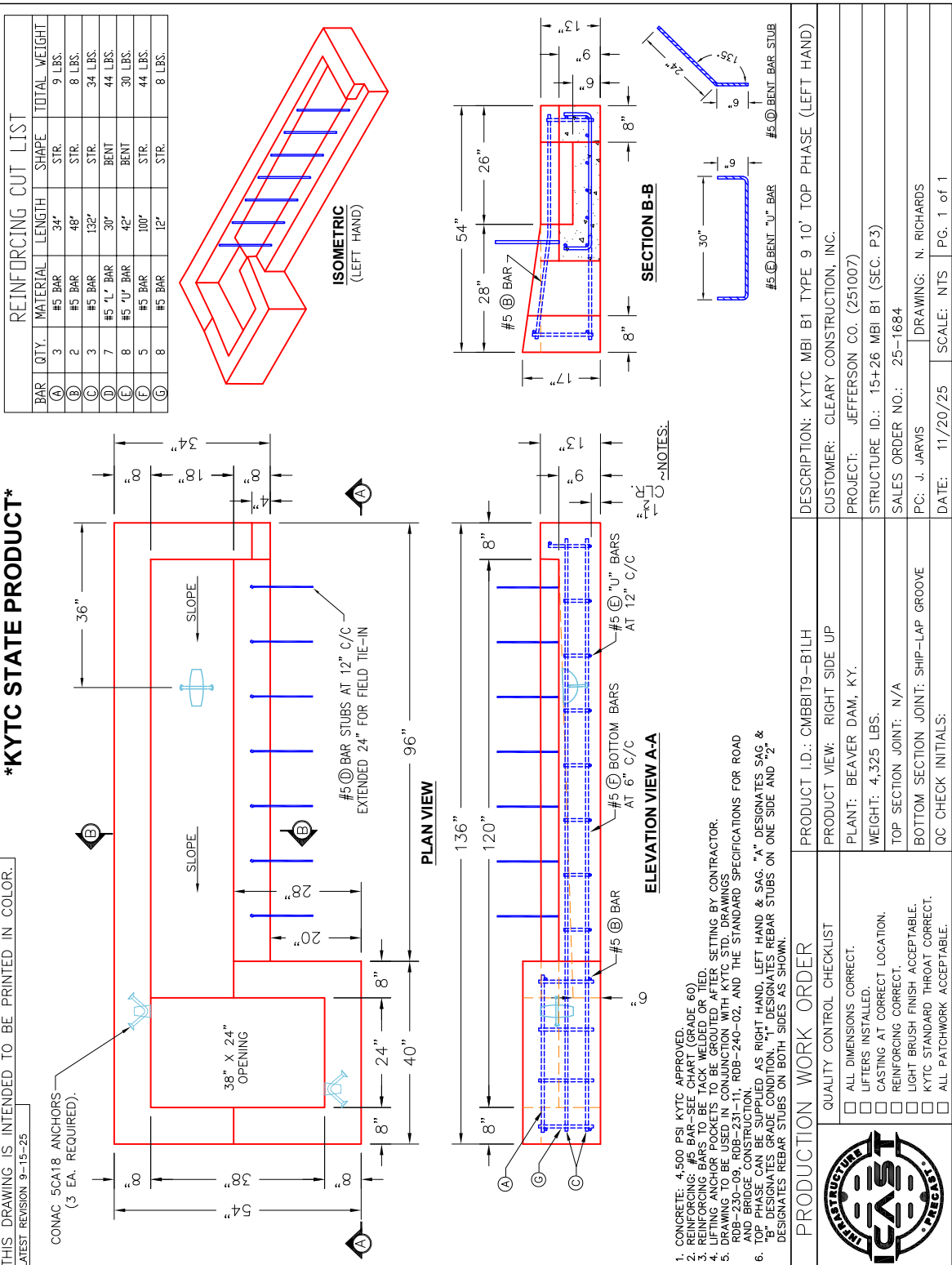
P3 CMBBIT9-B1LH

CB MED BAR BOX INLET 9B1 LH

- P4) 24" x 120" - CASTING (cast in) - 3"
P3) 24" x 120" - CB MED BAR BOX INLET 9B1 LH - 17"
P2) 24" x 36" - BOX RISER 8inW, Variable Ht - 54"
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 60"
2) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 22

0 lb
4000 lb
5510 lb
7263 lb
0 lb
0 lb
0 lb
Structure Total: 16773 lb

Structure Notes:
-KYTC STATE PROJECT 251007
-REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.)
-CASTING FRAMES & GRATES BY OTHERS.
-CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST).
-KYTC CERTIFICATIONS REQUIRED.



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 17"

Weight (Net): 4000 lb
Volume (Net): 0cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:16 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 2-62050-1

P1 CVBS

BX Separate Base Slab

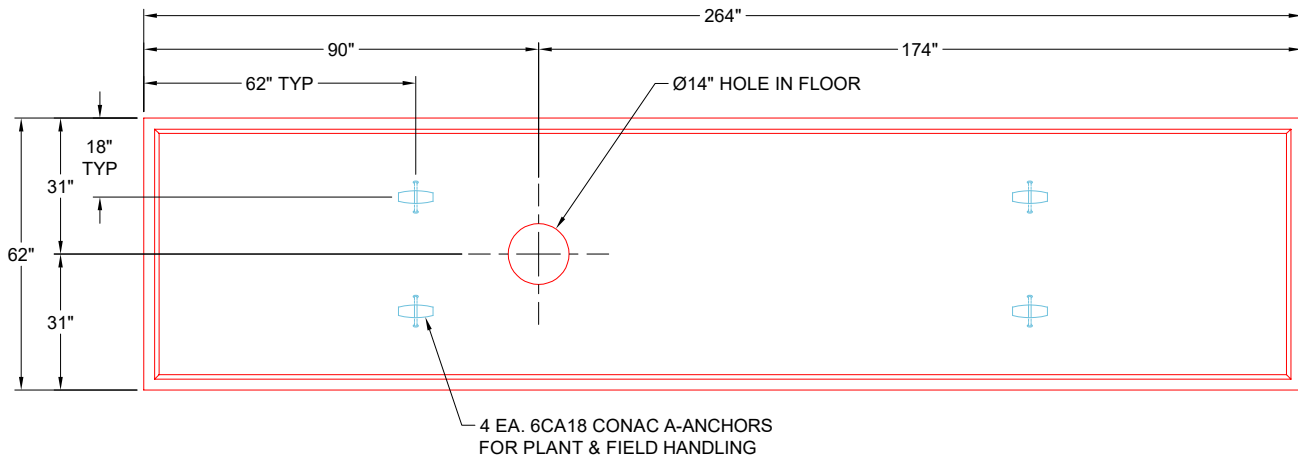
P3) 50" x 252" - CASTING HEIGHT - 0"
P2) 50" x 252" - BOX RISER 6inW, Variable Ht - 28"
P1) 50" x 252" - BX Separate Base Slab - 6"
2) 50" x 252" - Conseal CS-102 1.00"

Structure Total: 17043 lb

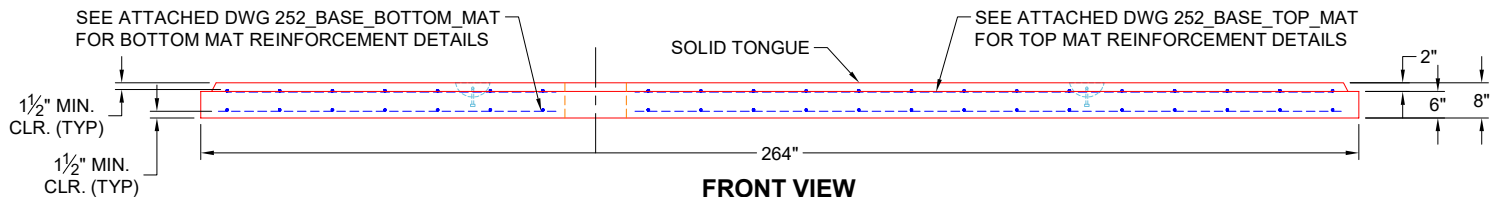
Structure Notes:
A) PER ASTM C913.
B) CONCRETE = 4,500 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT - MIN. 1½" REBAR
CLEARANCE:
- TOP MAT: PER ATTACHED DWG 252_BASE_TOP_MAT
- BOTTOM MAT: PER ATTACHED DWG 252_BASE_BOTTOM_MAT
4. WEIGHTS: 8,241 LBS



PLAN VIEW
(RIGHT SIDE UP)



FRONT VIEW
(RIGHT SIDE UP)

Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 6"

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

Weight (Net): 8241 lb
Volume (Net): 2.1cu.yd



Structure Total:

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
MEMORANDUM IS THE SOLE PROPERTY OF
AMERICAN OIL INC. ANY REPRODUCTION
IN WHOLE OR IN PART WITHOUT THE
WRITTEN PERMISSION OF
AMERICAN OIL INC. IS PROHIBITED.

Weight (Net): 8241 lb
Volume (Net): 2.1cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:16 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 2-62050-1

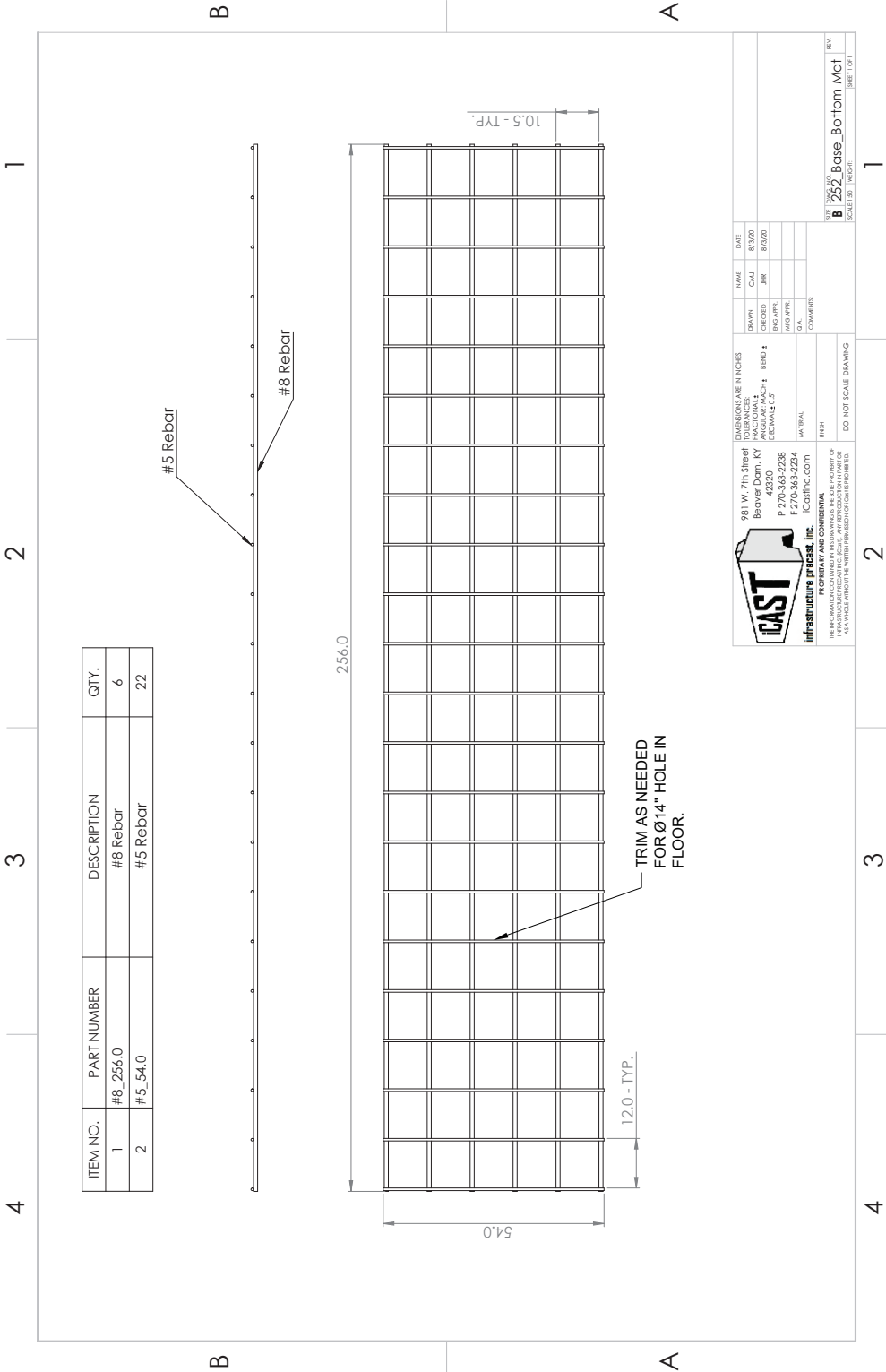
P1 CVBS

BX Separate Base Slab

- P3) 50" x 252" - CASTING HEIGHT - 0"
P2) 50" x 252" - BOX RISER 6inW, Variable Ht - 28"
P1) 50" x 252" - BX Separate Base Slab - 6"
2) 50" x 252" - Conseal CS-102 1.00"

0 lb
8802 lb
8241 lb
0 lb
Structure Total: 17043 lb

- Structure Notes :
A) PER ASTM C913.
B) CONCRETE = 4,500 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).



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

ICAST

Infrastructure Precast, Inc.

981 W. 7th Street
Beaver Dam, WI 53005
P 270-363-2238
F 270-363-2234
info@icp.com

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF
INFRASTRUCTURE PRECAST, INC. ANY REPRODUCTION IN PART OR
AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF INFRASTRUCTURE
PRECAST, INC. IS PROHIBITED.

DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED

981 W. 7th Street
Beaver Dam, WI 53005
P 270-363-2238
F 270-363-2234
info@icp.com

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF
INFRASTRUCTURE PRECAST, INC. ANY REPRODUCTION IN PART OR
AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF INFRASTRUCTURE
PRECAST, INC. IS PROHIBITED.

NAME: CHU
DATE: 8/19/2026
DRAWN: JMB
CHECKED: JMB
DESIGNED: JMB
SCALE: 1/8\"/>

DO NOT SCALE DRAWING

DATE: 8/19/2026
SCALE: 1/8\"/>

Coating (Int):	Seam Up: Tongue	Wall Thickness: 6"	Height (Int): 0"	Weight (Net): 8241 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 0"	Volume (Net): 2.1cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:16 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 2-62050-1

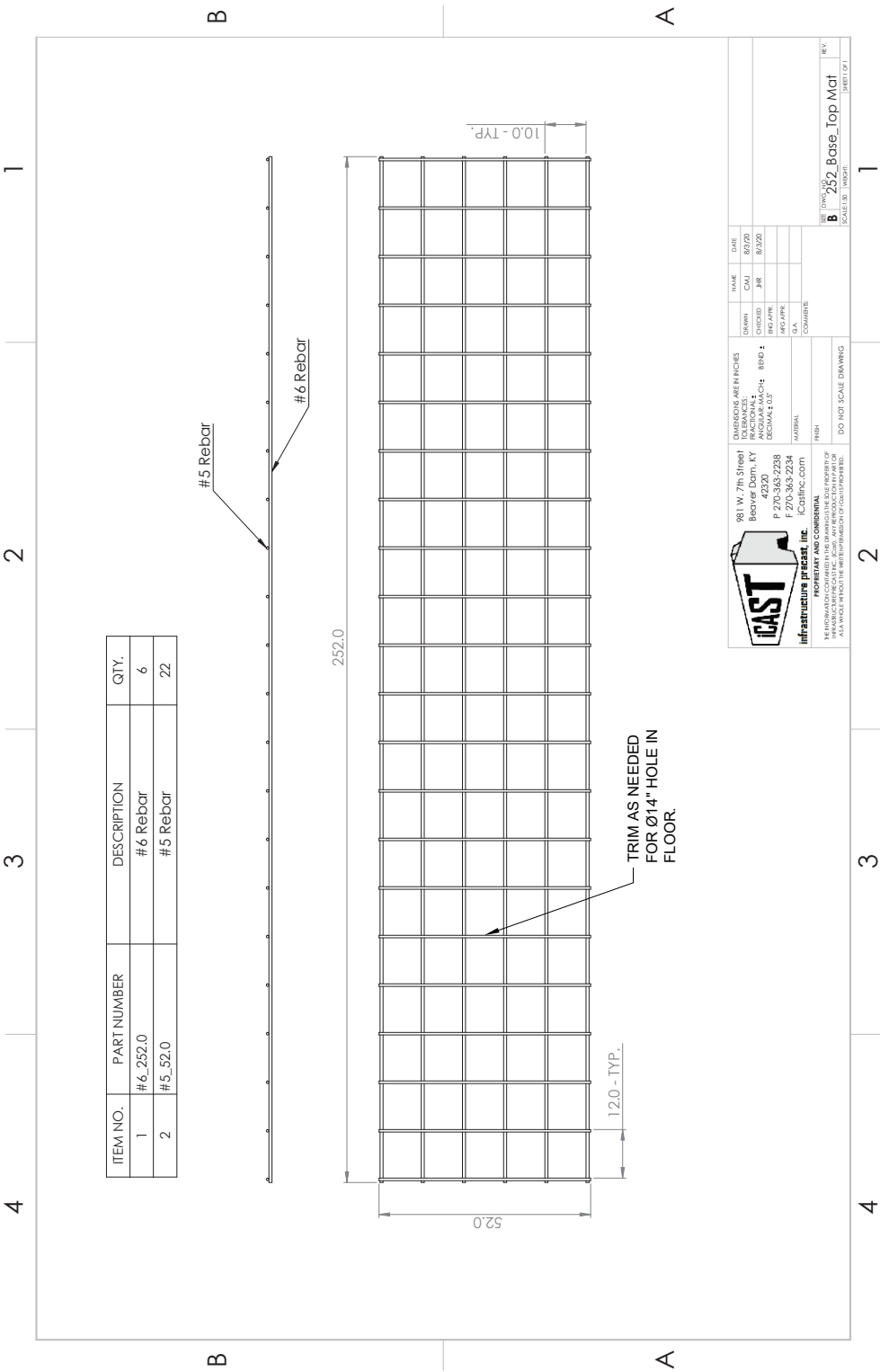
P1 CVBS

BX Separate Base Slab

- P3) 50" x 252" - CASTING HEIGHT - 0"
P2) 50" x 252" - BOX RISER 6inW, Variable Ht - 28"
P1) 50" x 252" - BX Separate Base Slab - 6"
2) 50" x 252" - Conseal CS-102 1.00"

Structure Notes: .
A) PER ASTM C913.
B) CONCRETE = 4,500 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).

Structure Total: 17043 lb



ICAST logo and project information including address, phone, fax, email, and drawing details.

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 0" Height (Ext): 0"	Weight (Net): 8241 lb Volume (Net): 2.1cu.yd
----------------------------------	---------------------------------	--	--------------------------------------	---

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:36 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 2-62050-1

P2 CVR

BOX RISER 6inW, Variable Ht

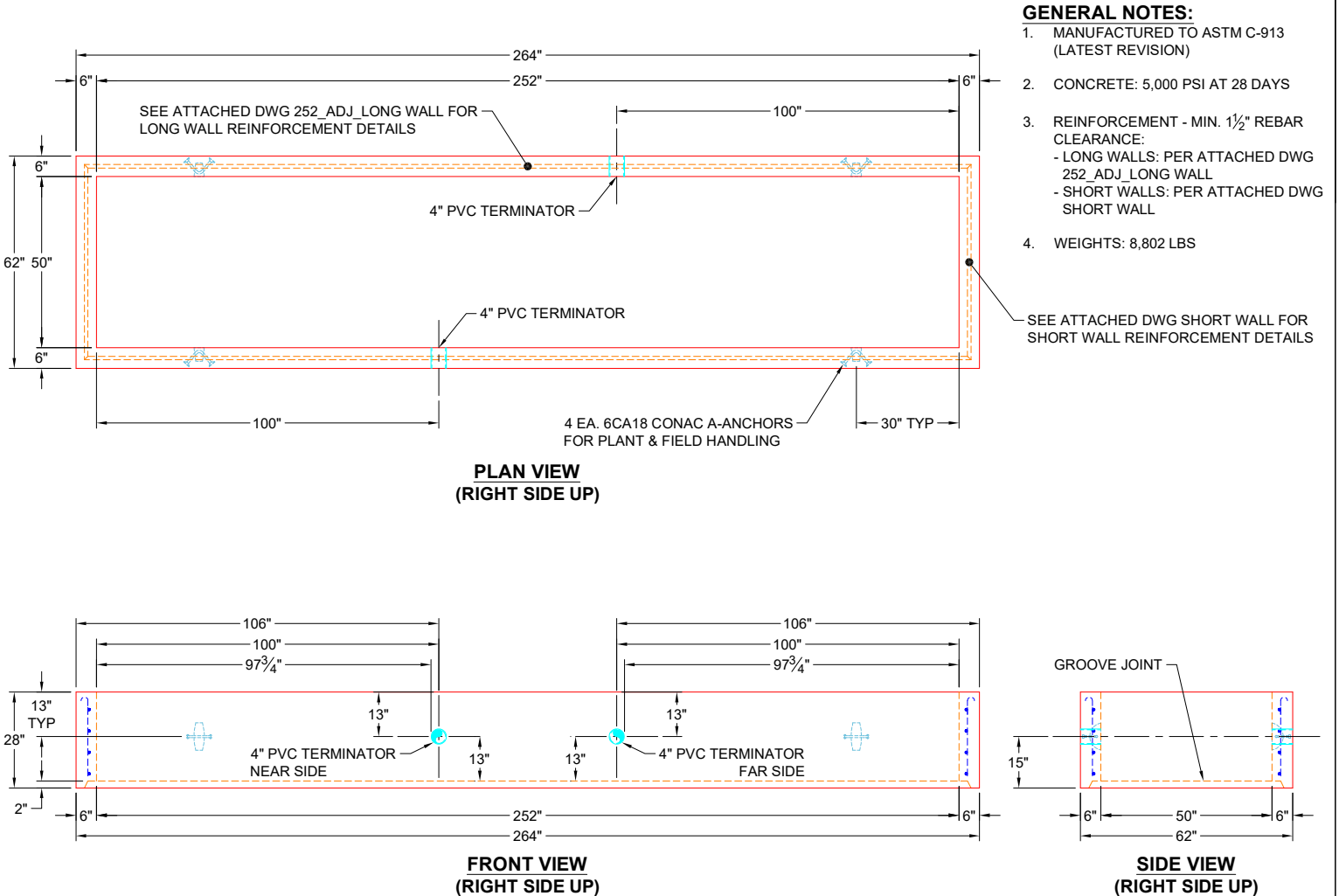
P3) 50" x 252" - CASTING HEIGHT - 0"
P2) 50" x 252" - BOX RISER 6inW, Variable Ht - 28"
P1) 50" x 252" - BX Separate Base Slab - 6"
2) 50" x 252" - Conseal CS-102 1.00"

Structure Total:

0 lb
8802 lb
8241 lb
0 lb

17043 lb

Structure Notes: .
A) PER ASTM C913.
B) CONCRETE = 4,500 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 6"
Floor Height: 0"

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

Weight (Net): 8802 lb
Volume (Net): 2.25cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:36 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 2-62050-1

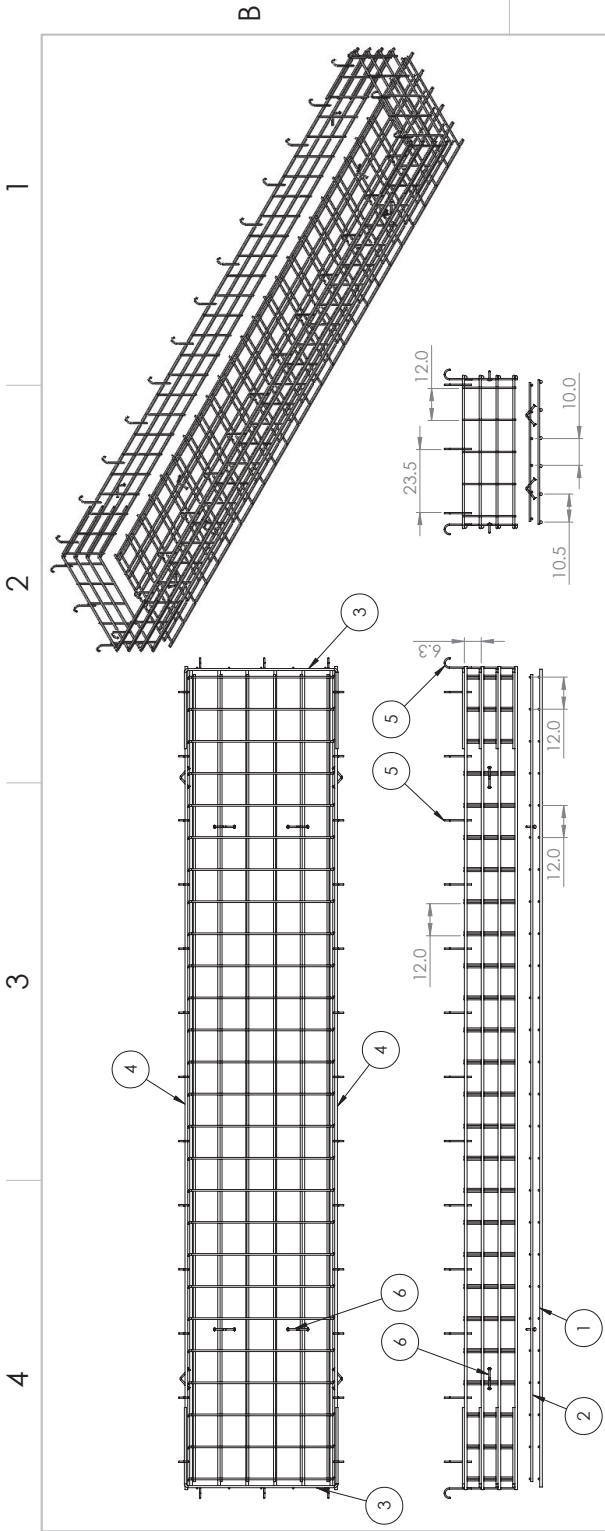
P2 CVR

BOX RISER 6inW, Variable Ht

- P3) 50" x 252" - CASTING HEIGHT - 0"
P2) 50" x 252" - BOX RISER 6inW, Variable Ht - 28"
P1) 50" x 252" - BX Separate Base Slab - 6"
2) 50" x 252" - Conseal CS-102 1.00"

Structure Notes:
A) PER ASTM C913.
B) CONCRETE = 4,500 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).

Structure Total: 17043 lb



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

NAME		DATE
CALJ	3-25-16	
DRAWN		CHECKED
END APPE		WFG APPE
G.A.		COMMENTS:
UNLESS OTHERWISE SPECIFIED:		
DIMENSIONS ARE IN INCHES		
FRACTIONAL 1/8"		
TWO PLACE DECIMAL 13		
THREE PLACE DECIMAL 125		
TOLERANCING PER		
INTERPRET GEOMETRIC		
MADE TO ORDER		
Rebar A614 G60		
FINISH		
MILL		
DO NOT SCALE DRAWING		
NEXT ASY		USED ON
APPLICATION		
SCALE: 1:50		WEIGHT: 1
SHEET 1 OF 1		

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

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 6"
Floor Height: 0"

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

Weight (Net): 8802 lb
Volume (Net): 2.25cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:36 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 2-62050-1

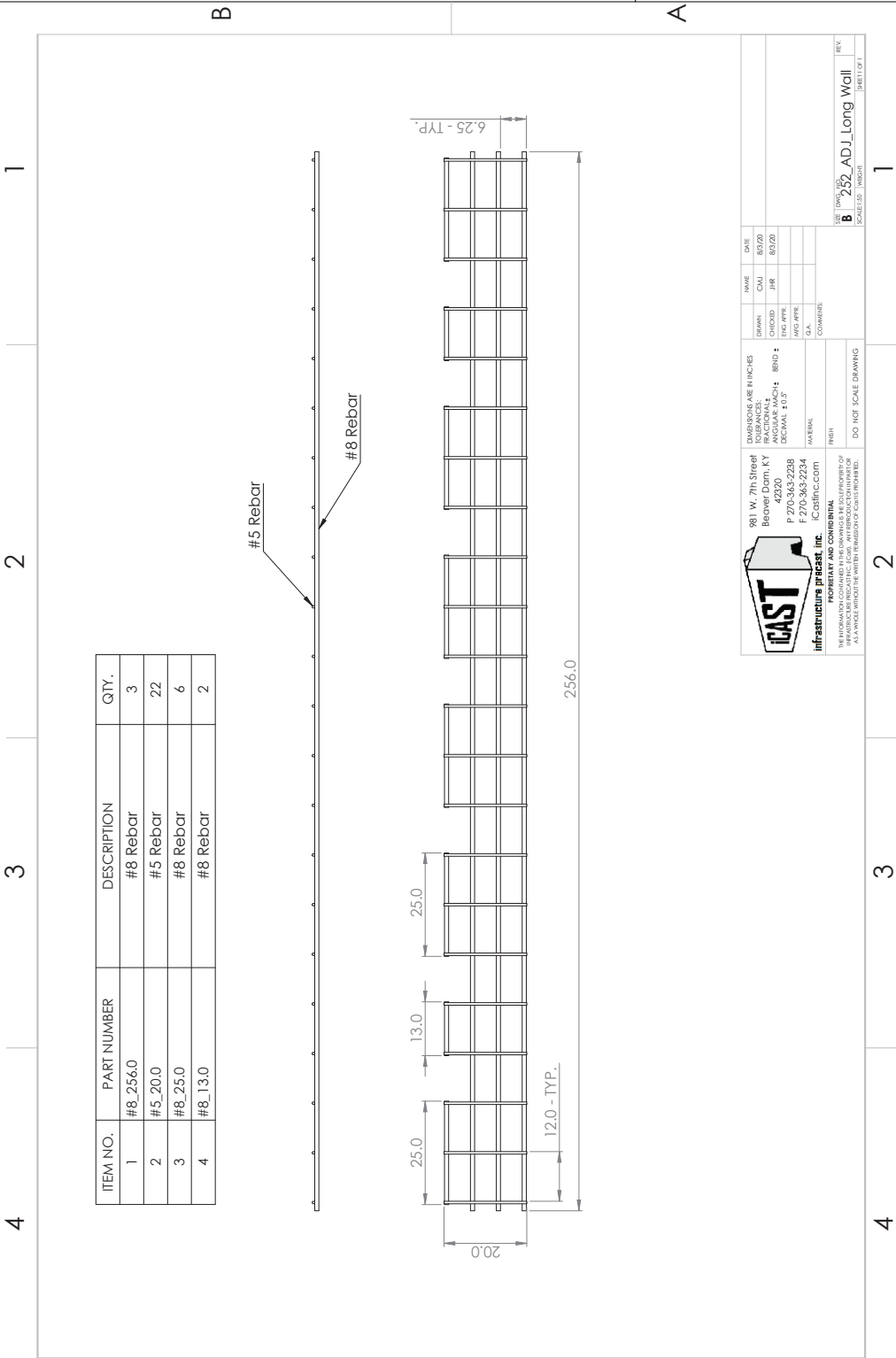
P2 CVR

BOX RISER 6inW, Variable Ht

- P3) 50" x 252" - CASTING HEIGHT - 0"
P2) 50" x 252" - BOX RISER 6inW, Variable Ht - 28"
P1) 50" x 252" - BX Separate Base Slab - 6"
2) 50" x 252" - Conseal CS-102 1.00"

Structure Notes: .
A) PER ASTM C913.
B) CONCRETE = 4,500 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).

Structure Total: 17043 lb



Coating (Int): Seam Up: Flat
Coating (Ext): Seam Dn: Groove
Wall Thickness: 6"
Floor Height: 0"
Height (Int): 28"
Height (Ext): 28"
Weight (Net): 8802 lb
Volume (Net): 2.25cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:36 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 2-62050-1

P2 CVR

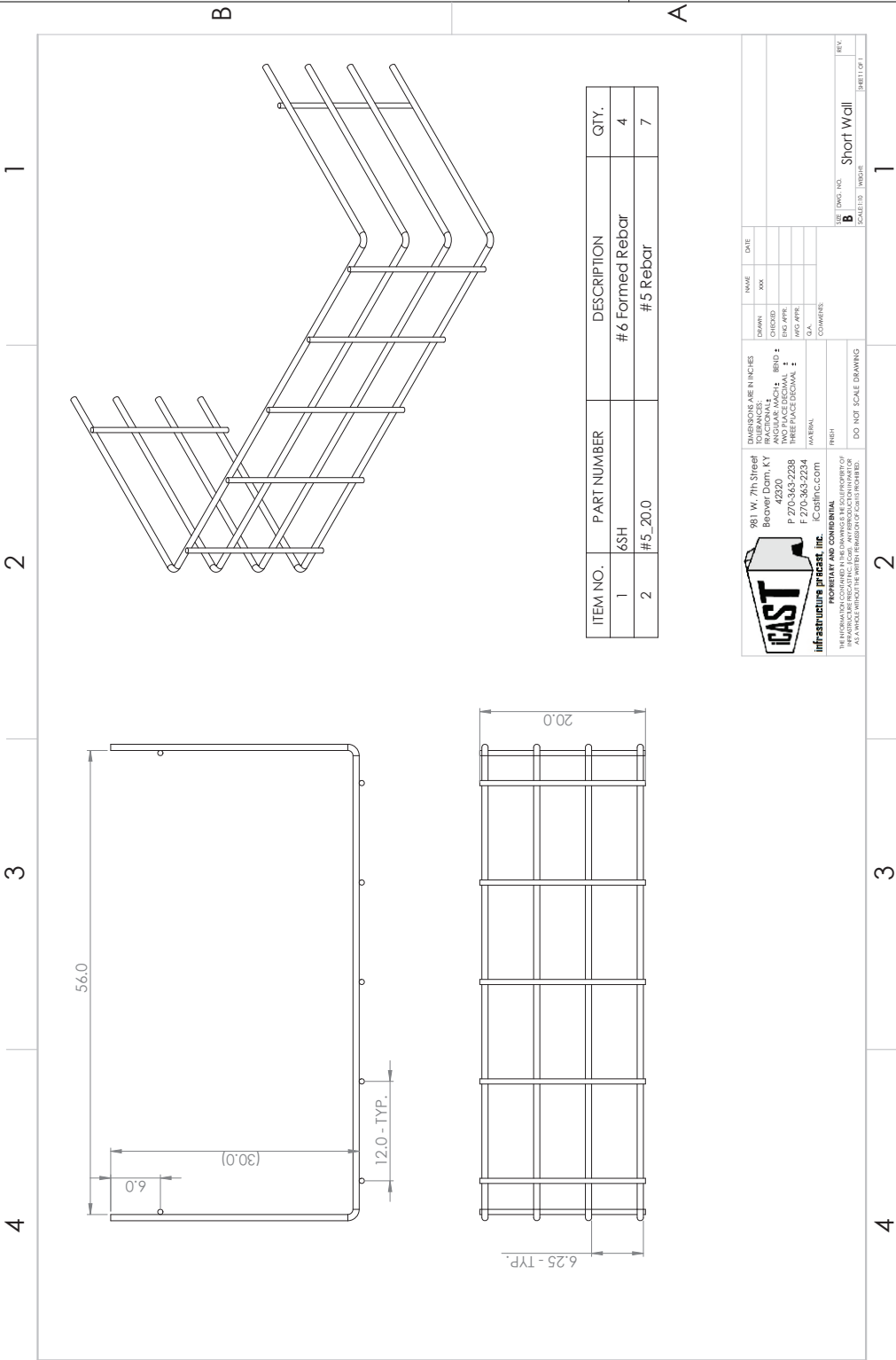
BOX RISER 6inW, Variable Ht

- P3) 50" x 252" - CASTING HEIGHT - 0"
P2) 50" x 252" - BOX RISER 6inW, Variable Ht - 28"
P1) 50" x 252" - BX Separate Base Slab - 6"
2) 50" x 252" - Conseal CS-102 1.00"

0 lb
8802 lb
8241 lb
0 lb

Structure Total: 17043 lb

Structure Notes:
A) PER ASTM C913.
B) CONCRETE = 4,500 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 6"
Floor Height: 0"

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

Weight (Net): 8802 lb
Volume (Net): 2.25cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:14 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 4-62050-1

P1 BX4860-04W08F-BAVF

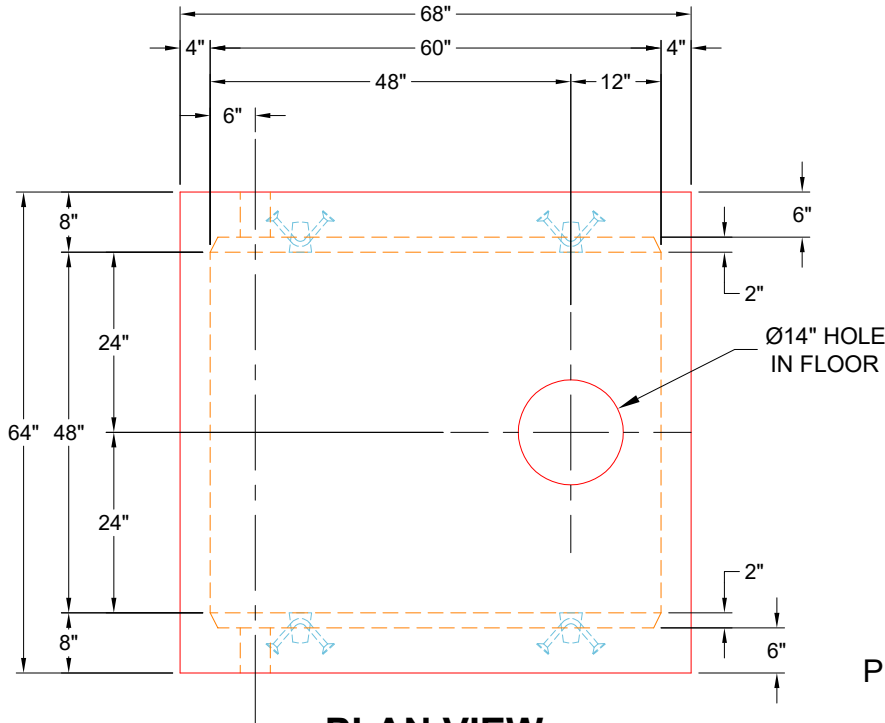
BOX BASE 4inW, 8inF, Variable Ht

P2) 48" x 60" - CASTING HEIGHT - 0"
P1) 48" x 60" - BOX BASE 4inW, 8inF, Variable Ht - 26"
1) 48" x 60" - Conseal CS-102 1.00"
2) Orifice - 4"

0 lb
4572 lb
0 lb
0 lb

Structure Total: 4572 lb

Structure Notes:
A) PER ASTM C913.
B) CONCRETE = 5,000 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).



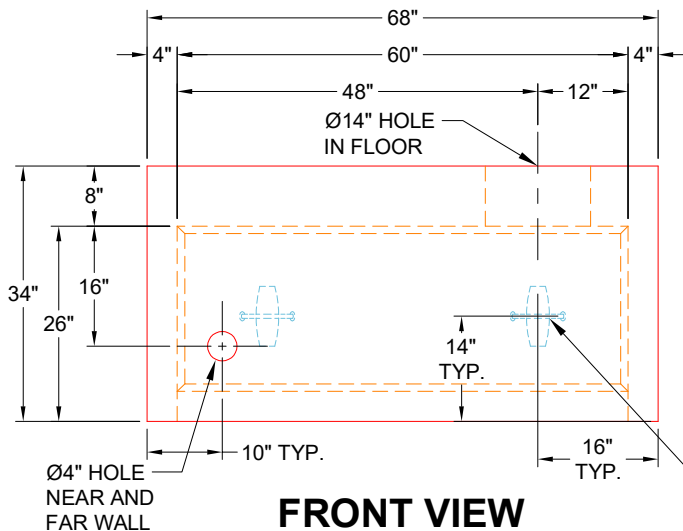
PLAN VIEW
UPSIDE DOWN

GENERAL NOTES:

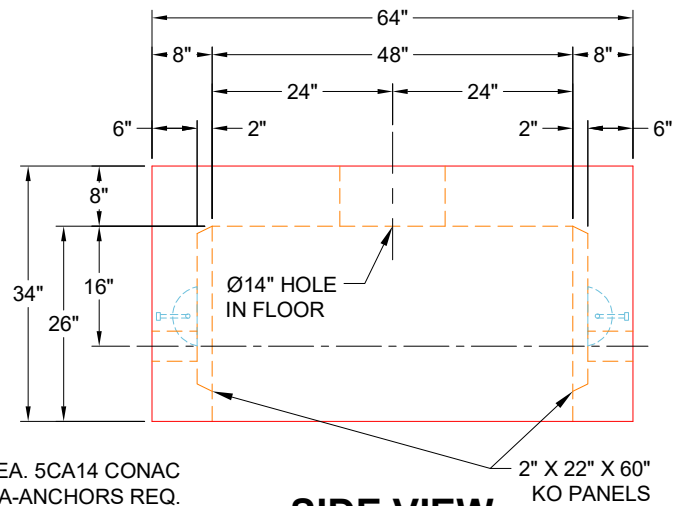
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ATTACHED REINFORCEMENT DRAWINGS PER A614 GRADE 60 MIN. 1½" MIN. REBAR CLEARANCE
4. WEIGHT: 4,572 LBS
5. JOINT SEALANT: CONSEAL CS-102 - 1" (PRIMARY & SECONDARY ROWS)
6. NOSING KIT SUPPLIED BY ICAST

PRODUCTION NOTE

PLEASE USE SPECIFIC VSG 48" X 60" MOLD FOR THIS STRUCTURE



FRONT VIEW
UPSIDE DOWN



SIDE VIEW
UPSIDE DOWN

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 4"
Floor Height: 8"

Height (Int): 26"
Height (Ext): 34"

Weight (Net): 4572 lb
Volume (Net): 1.17cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:14 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 4-62050-1

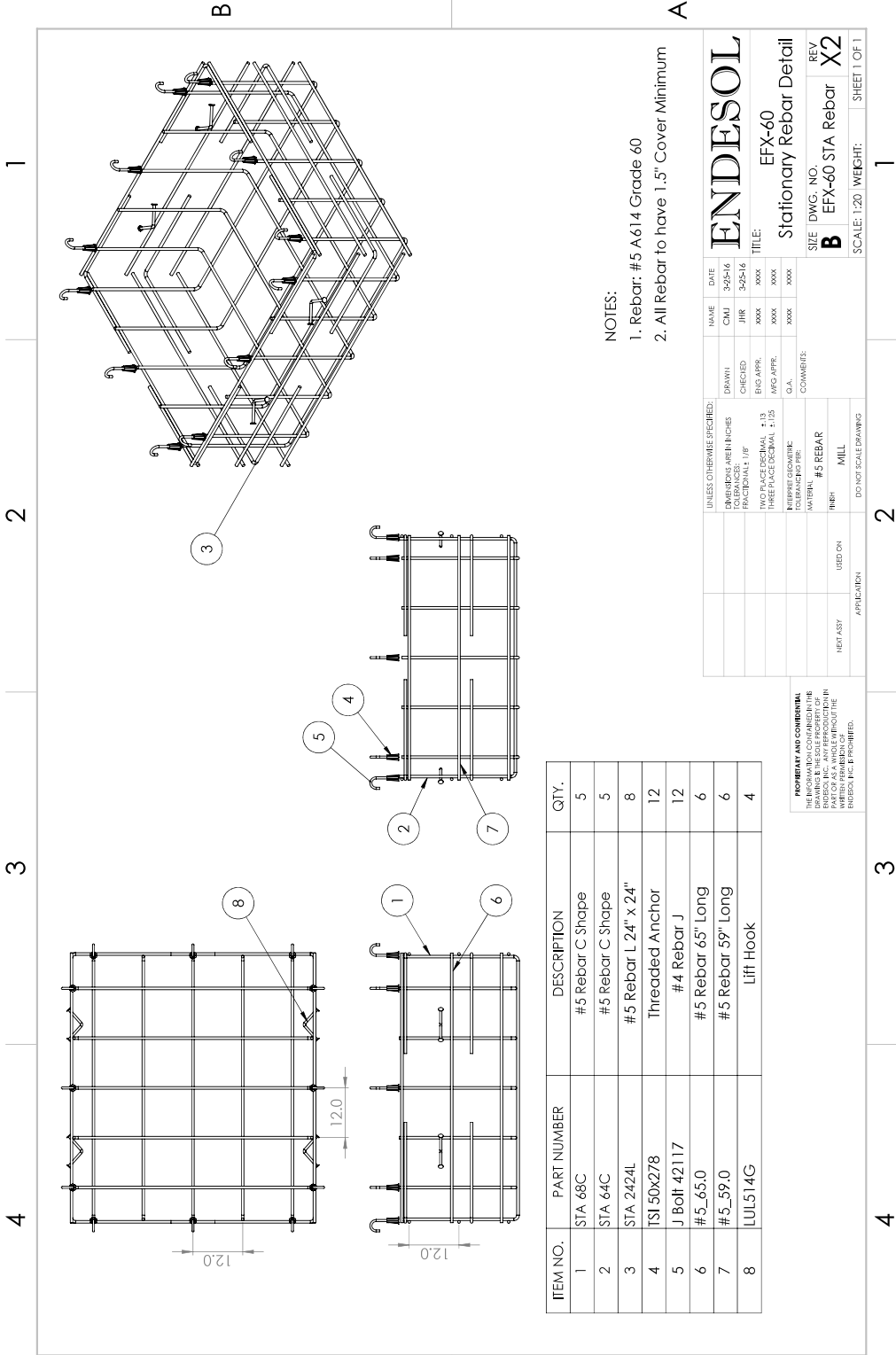
P1 BX4860-04W08F-BAVF

BOX BASE 4inW, 8inF, Variable Ht

- P2) 48" x 60" - CASTING HEIGHT - 0"
P1) 48" x 60" - BOX BASE 4inW, 8inF, Variable Ht - 26"
1) 48" x 60" - Conseal CS-102 1.00"
2) Orifice - 4"

Structure Notes: .
A) PER ASTM C913.
B) CONCRETE = 5,000 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).

Structure Total: 4572 lb



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

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	STA 68C	#5 Rebar C Shape	5
2	STA 64C	#5 Rebar C Shape	5
3	STA 2424L	#5 Rebar L 24" x 24"	8
4	TSI 50x278	Threaded Anchor	12
5	J Bolt 42117	#4 Rebar J	12
6	#5_65.0	#5 Rebar 65" Long	6
7	#5_59.0	#5 Rebar 59" Long	6
8	LUL514G	Lift Hook	4

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 4"
Floor Height: 8"

Height (Int): 26"
Height (Ext): 34"

Weight (Net): 4572 lb
Volume (Net): 1.17cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:14 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 4-62050-1

P1 BX4860-04W08F-BAVF

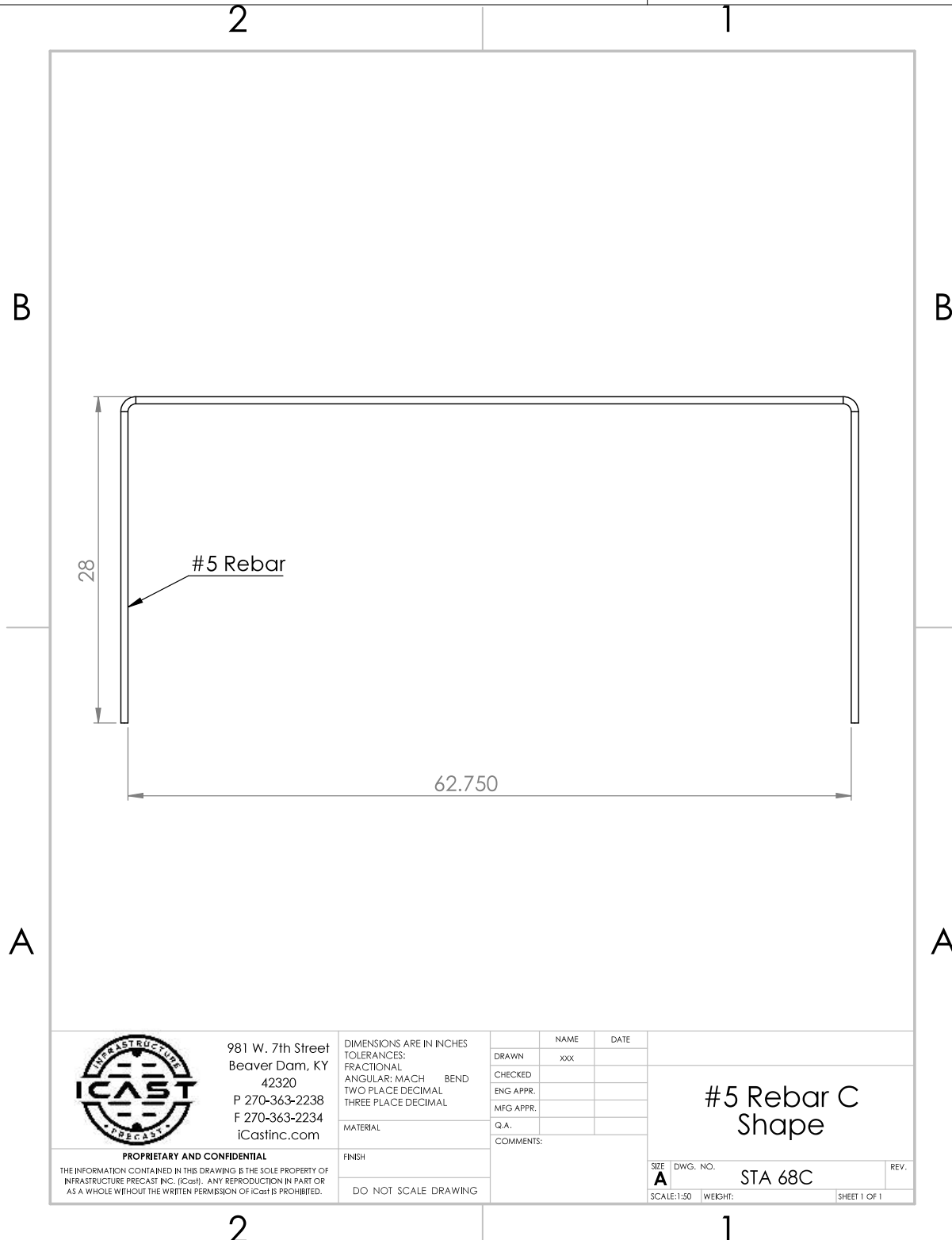
BOX BASE 4inW, 8inF, Variable Ht

- P2) 48" x 60" - CASTING HEIGHT - 0"
P1) 48" x 60" - BOX BASE 4inW, 8inF, Variable Ht - 26"
1) 48" x 60" - Conseal CS-102 1.00"
2) Orifice - 4"

Structure Notes: .
A) PER ASTM C913.
B) CONCRETE = 5,000 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).

0 lb
4572 lb
0 lb
0 lb

Structure Total: 4572 lb



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

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL
ANGULAR: MACH BEND
TWO PLACE DECIMAL
THREE PLACE DECIMAL

MATERIAL

FINISH

DO NOT SCALE DRAWING

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

#5 Rebar C
Shape

SIZE DWG. NO. STA 68C REV.
SCALE: 1:50 WEIGHT: SHEET 1 OF 1

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 4"
Floor Height: 8"

Height (Int): 26"
Height (Ext): 34"

Weight (Net): 4572 lb
Volume (Net): 1.17cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:14 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 4-62050-1

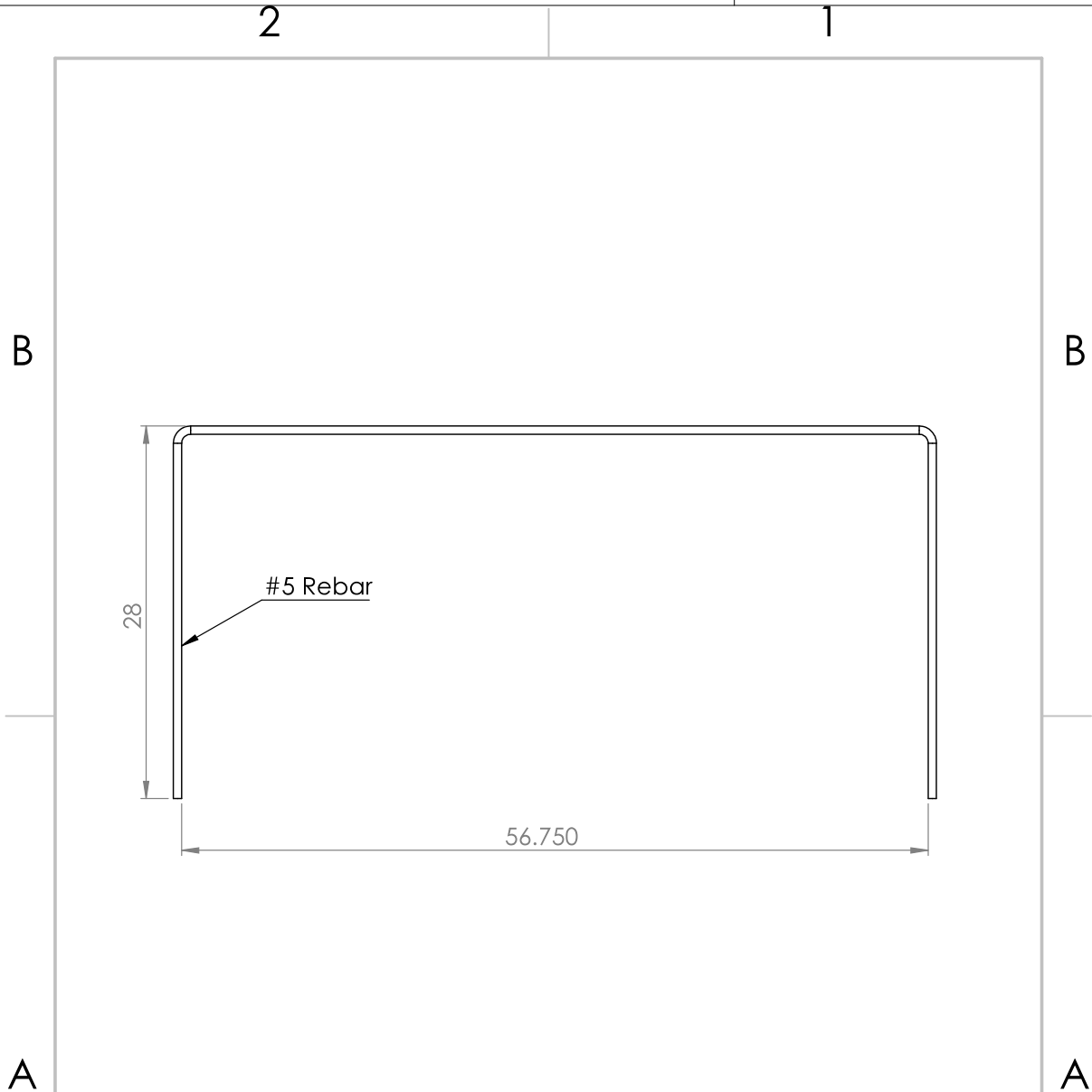
P1 BX4860-04W08F-BAVF

BOX BASE 4inW, 8inF, Variable Ht

- P2) 48" x 60" - CASTING HEIGHT - 0"
P1) 48" x 60" - BOX BASE 4inW, 8inF, Variable Ht - 26"
1) 48" x 60" - Conseal CS-102 1.00"
2) Orifice - 4"

0 lb
4572 lb
0 lb
0 lb
0 lb
Structure Total: 4572 lb

Structure Notes: .
A) PER ASTM C913.
B) CONCRETE = 5,000 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).



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

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL
ANGULAR: MACH BEND
TWO PLACE DECIMAL
THREE PLACE DECIMAL

MATERIAL

FINISH

DO NOT SCALE DRAWING

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

#5 Rebar C
Shape

SIZE DWG. NO. STA 64C REV.
A
SCALE: 1:50 WEIGHT: SHEET 1 OF 1

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 4"
Floor Height: 8"

Height (Int): 26"
Height (Ext): 34"

Weight (Net): 4572 lb
Volume (Net): 1.17cu.yd

Job Name: 26-2049 - VSG 691257163
Job Location: CPU
Contractor: Endesol, Inc.

Plant: Beaver Dam
8/19/2026 2:10:14 PM

Tech: J. Coppage
PC: E. Bradley



Structure ID: 4-62050-1

P1 BX4860-04W08F-BAVF

BOX BASE 4inW, 8inF, Variable Ht

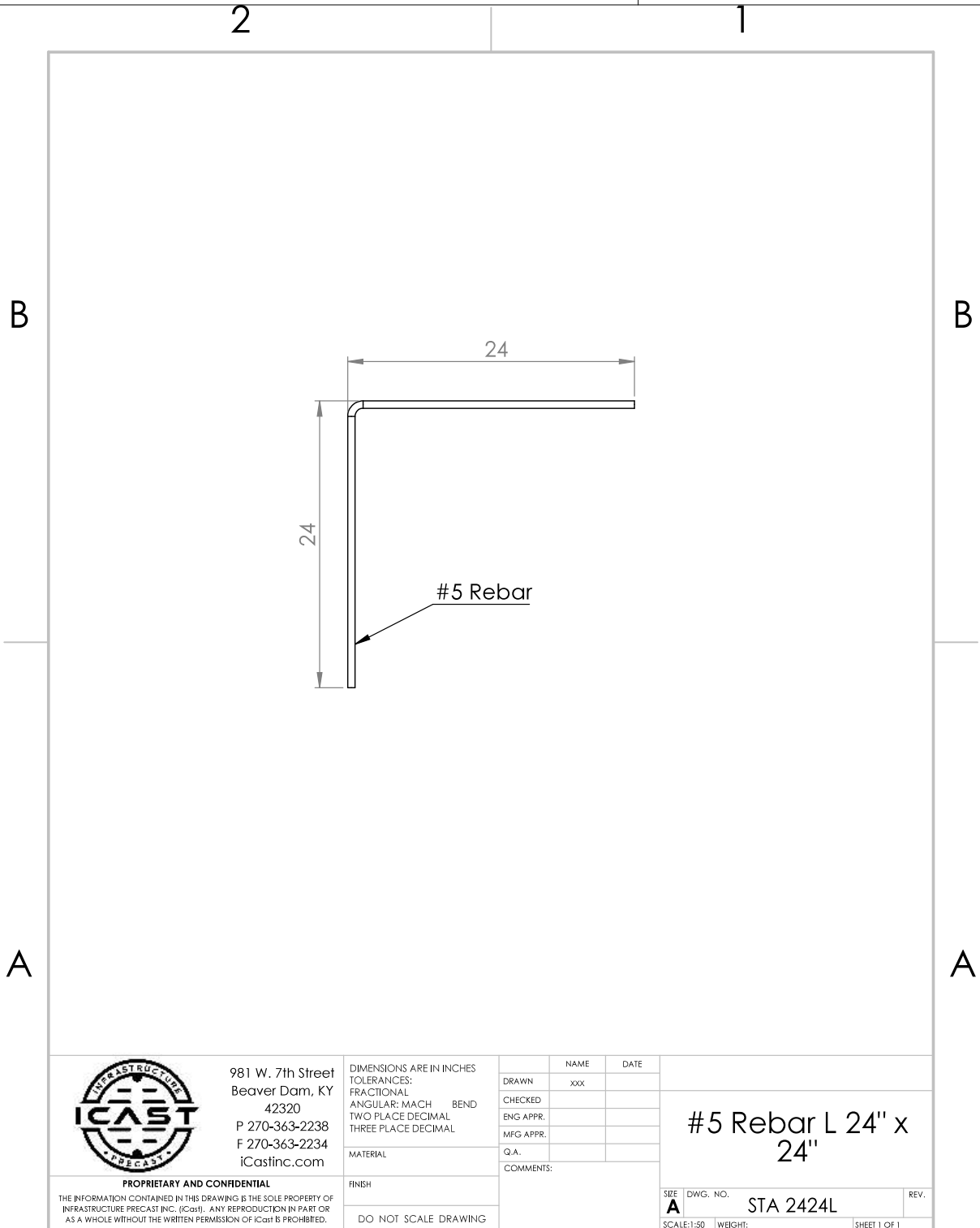
- P2) 48" x 60" - CASTING HEIGHT - 0"
P1) 48" x 60" - BOX BASE 4inW, 8inF, Variable Ht - 26"
1) 48" x 60" - Conseal CS-102 1.00"
2) Orifice - 4"

0 lb
4572 lb
0 lb
0 lb

4572 lb

Structure Notes: .
A) PER ASTM C913.
B) CONCRETE = 5,000 PSI AT 28 DAYS.
C) REINFORCING PER ASTM A615 (GRADE 60).

Structure Total:



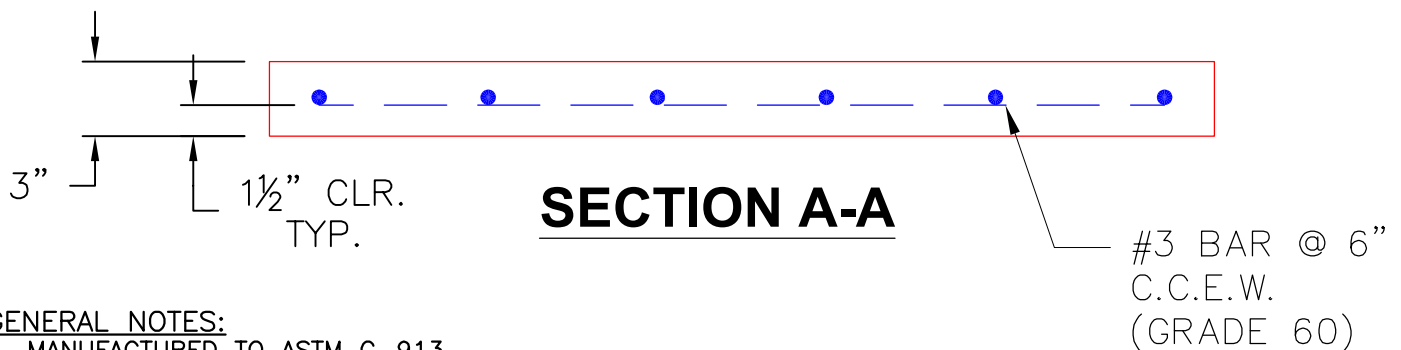
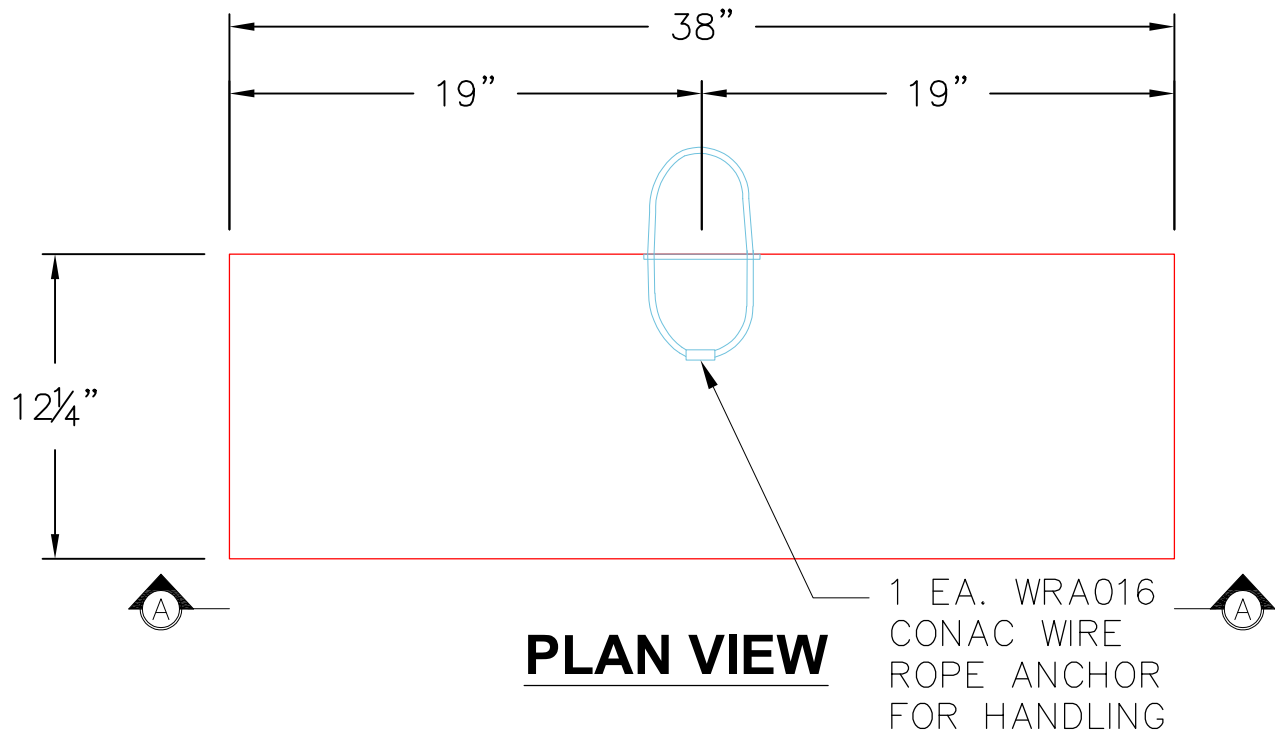
Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 4"
Floor Height: 8"

Height (Int): 26"
Height (Ext): 34"

Weight (Net): 4572 lb
Volume (Net): 1.17cu.yd



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).
- BASE #3 BAR @ 6" O.C.E.W. - 1 1/2" MIN. REBAR CLEARANCE (TYP)
5. WEIGHT: 140 LBS

PRODUCTION WORK ORDER		PRODUCT I.D.: CVW	DESCRIPTION: 38" X 3" X 12 1/4" TALL BAFFLE WALL	
	QUALITY CONTROL CHECKLIST ☐ ALL DIMENSIONS CORRECT. ☐ LIFTERS INSTALLED. ☐ HOLE LOCATION(S) CORRECT. ☐ REINFORCING CORRECT. ☐ SURFACE QUALITY ACCEPTABLE. ☐ EDGES CHAMFERED. ☐ ALL PATCHWORK ACCEPTABLE.	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: CONVERGENT WATER TECHNOLOGIES	
		PLANT: BEAVER DAM, KY.	PROJECT: GALLATIN PRETX-LT	
		WEIGHT: 140 LBS.	STRUCTURE: QL1 ST-CB (1)	
		TOP SECTION JOINT: N/A	ORDER NO: 26-2112	
		BASE SECTION JOINT: N/A	PC: C. GOFF	DRAWING: S. FELLETTTER
		QC CHECK INITIALS:	DATE: 08/17/26	SCALE: NTS PG. 1 of 1

Job Name: 26-1331 Fire Meter Installation Contract 225
Job Location: TN
Contractor: Core & Main

Plant: 100

8/12/2026 2:11:19 PM

Tech: Jared - A

PC: Trevor Lewis



Structure ID: Vault

P1 BX108144-08W08F-BAEVF

BX BASE w/FLANGE 08W/08F/12EF

P3) 48" x 48" - HATCH (CAST FLUSH) - 3"
P2) 108" x 144" - CB FLAT TOP 8"W SPECIAL W/ 3 HATCHES - 10"
P1) 108" x 144" - BX BASE w/FLANGE 08W/08F/12EF - 60"

1) SECONDARY POUR - WALLS

1) This Structure Includes a Cast-in Item - 3x Hatches (Provided By Others)

1) 108" x 144" - Conseal CS-102 1.00"

4) Hole - 16

100 lb

12298 lb

39330 lb

0 lb

0 lb

0 lb

0 lb

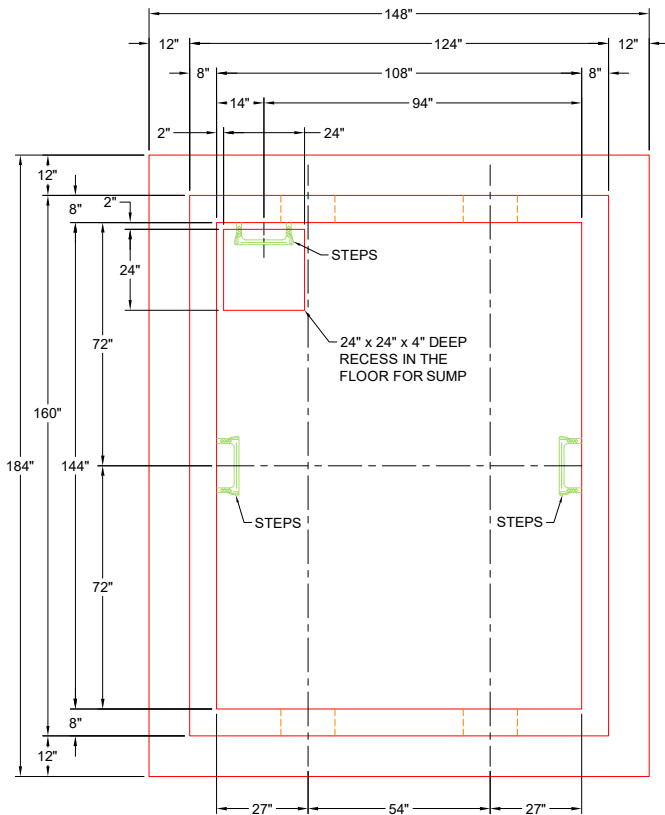
Structure Total:

51728 lb

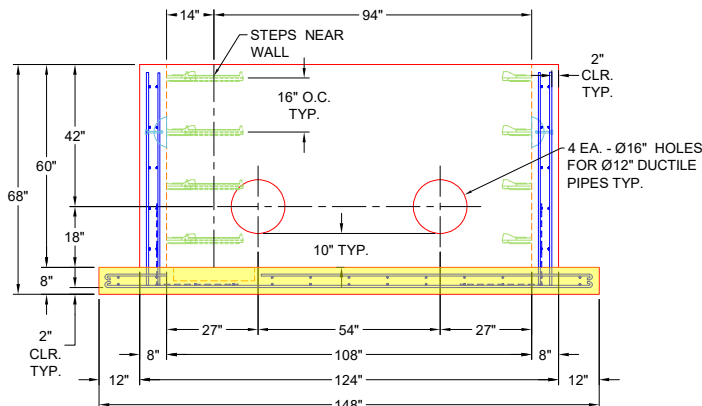
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
SEE REINFORCEMENT INFORMATION PROVIDED BY WINFORD A. PETRONE COMPANY, PLLC.
4. STEPS AT 6" O.C. TYP.
5. TWO ROWS OF CS-102 BUTYL REQ.

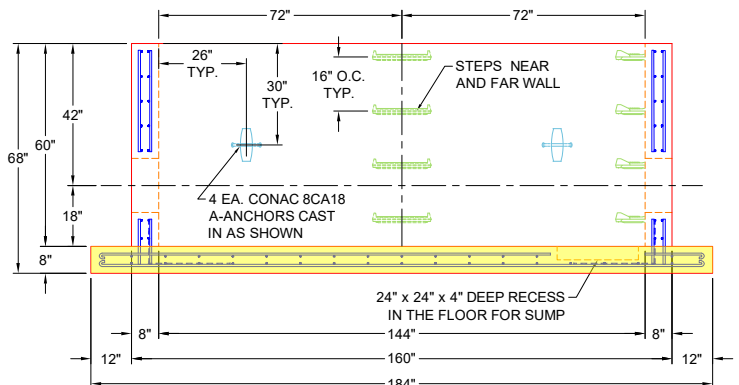
Rim: 5.835' Rim to Invert: 4.862' Slack: 0.02' Sump: 11.68' Step Position:



TOP VIEW



FRONT VIEW



RIGHT VIEW

GENERAL NOTES:

1. MANUFACTURED PER ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT : SEE REINFORCEMENT INFORMATION PROVIDED BY WINFORD A. PETRONE COMPANY, PLLC. PER ASTM A615 (GRADE 60)
4. WEIGHTS:
FIRST POUR = 18,281 LBS
SECOND POUR = 21,049 LBS
TOTAL WEIGHT = 39,330 LBS
5. STEPS AT 16" O.C.(TYP.) PROVIDED BY ICAST (TYP. FOR 3 LOCATIONS).
6. TWO ROWS CS-102 BUTYL MASTIC REQ'D.(PROVIDED BY ICAST)

FIRST POUR DRAWING

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

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

Weight (Net): 39330 lb
Volume (Net): 10.05cu.yd

Job Name: 26-1331 Fire Meter Installation Contract 225
Job Location: TN
Contractor: Core & Main

Plant: 100

8/12/2026 2:11:19 PM

Tech: Jared - A

PC: Trevor Lewis



Structure ID: Vault

P1 BX108144-08W08F-BAEVF

BX BASE w/FLANGE 08W/08F/12EF

P3) 48" x 48" - HATCH (CAST FLUSH) - 3"
P2) 108" x 144" - CB FLAT TOP 8"W SPECIAL W/ 3 HATCHES - 10"
P1) 108" x 144" - BX BASE w/FLANGE 08W/08F/12EF - 60"

1) SECONDARY POUR - WALLS

1) This Structure Includes a Cast-in Item - 3x Hatches (Provided By Others)

1) 108" x 144" - Conseal CS-102 1.00"

4) Hole - 16

100 lb

12298 lb

39330 lb

0 lb

0 lb

0 lb

0 lb

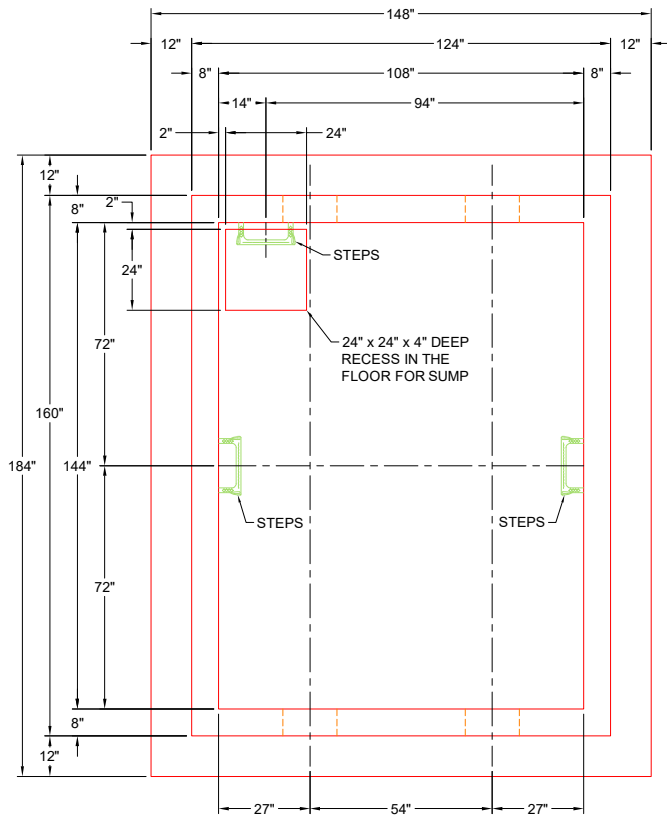
Structure Total:

51728 lb

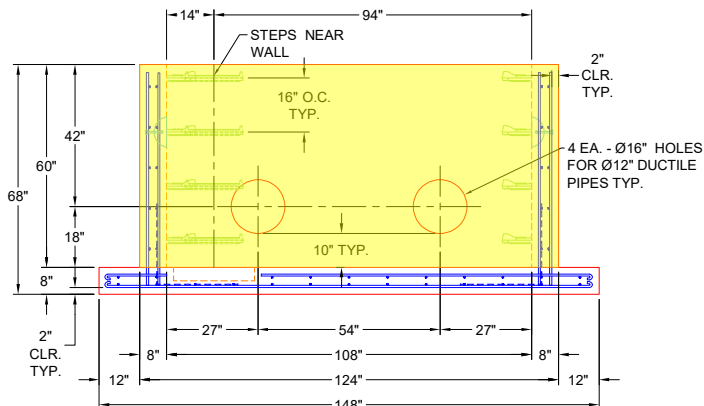
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
SEE REINFORCEMENT INFORMATION PROVIDED BY WINFORD A. PETRONE COMPANY, PLLC.
4. STEPS AT 6" O.C. TYP.
5. TWO ROWS OF CS-102 BUTYL REQ.

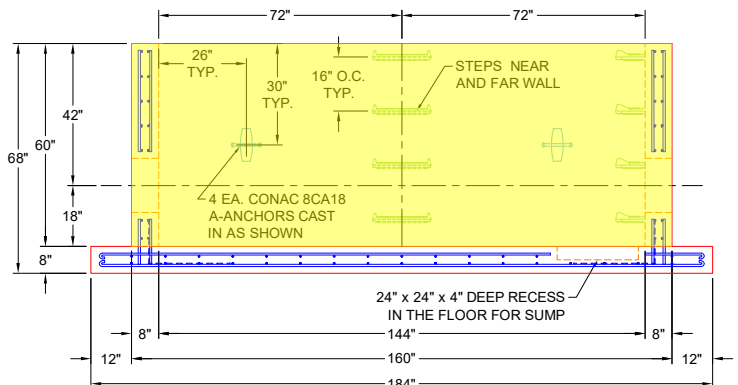
Rim: 5.835' Rim to Invert: 4.862' Slack: 0.02' Sump: 11.68' Step Position:



TOP VIEW



FRONT VIEW



RIGHT VIEW

GENERAL NOTES:

1. MANUFACTURED PER ASTM C-913 (LATEST REVISION)
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. REINFORCEMENT : SEE REINFORCEMENT INFORMATION PROVIDED BY WINFORD A. PETRONE COMPANY, PLLC. PER ASTM A615 (GRADE 60)
4. WEIGHTS:
FIRST POUR = 18,281 LBS
SECOND POUR = 21,049 LBS
TOTAL WEIGHT = 39,330 LBS
5. STEPS AT 16" O.C.(TYP.) PROVIDED BY ICAST (TYP. FOR 3 LOCATIONS).
6. TWO ROWS CS-102 BUTYL MASTIC REQ'D.(PROVIDED BY ICAST)

SECOND POUR DRAWING

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

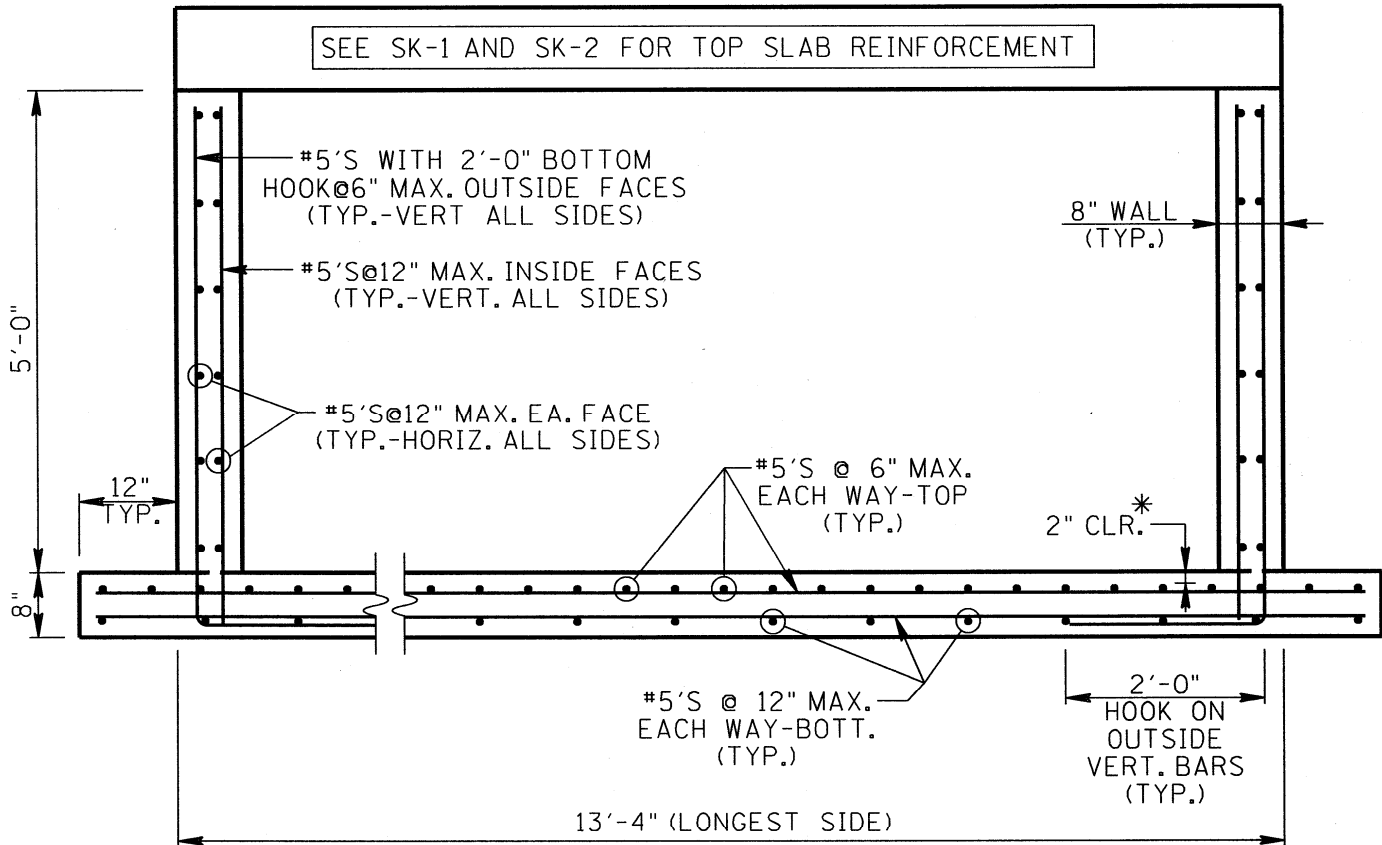
Wall Thickness: 8"
Floor Height: 8"

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

Weight (Net): 39330 lb
Volume (Net): 10.05cu.yd

NOTE: SEE "PRECAST DESIGN SUBMITTALS CONCRETE COMPONENTS AND FLOTATION DESIGN" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

NOTE: ICAST WORKING DRAWINGS FOR ADDITIONAL INFORMATION.



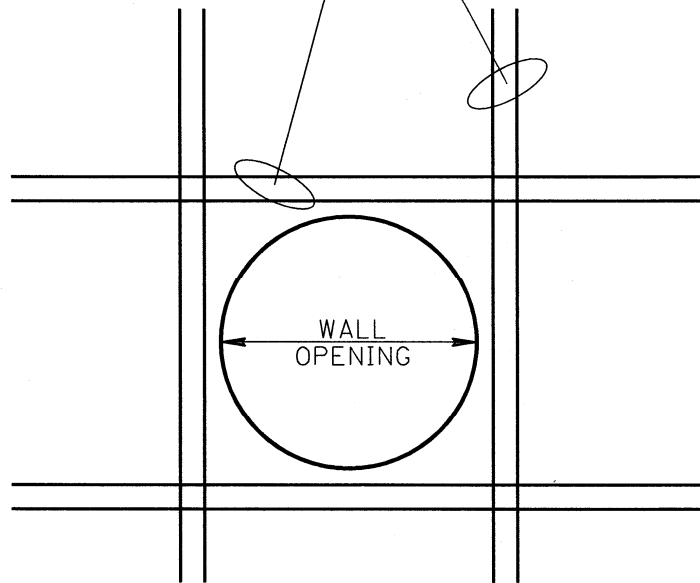
*: THE 2" CLEARANCE TO BE PROVIDED FOR BARS RUNNING ACROSS THE SHORT DIMENSION OF BASE SLAB.

BOTTOM SLAB AND WALL SECTION SHOWING REINFORCEMENT

SK-3

9'X12' FIRE METER VAULT: BASE SECTION WITH WALL
WARREN COUNTY, TN

2-ADDITIONAL #5'S EA. FACE
 (EXTEND 1'-0" BEYOND DIAMETER
 OF OPENING, BARS MAY BE
 TERMINATED AT 2" CLEAR OF
 OUTER SURFACES WHEN 1'-6"
 IS NOT AVAILABLE.)



ADDITIONAL REINFORCMENT
@ WALL OPENINGS



SK-4

SUPPLEMENTAL REINFORCEMENT AT WALL OPENINGS

FIRE METER VAULT

WARREN COUNT, TN

Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007)
Job Location: I-264 Louisville, Ky.
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam, KY
8/4/2026 11:28:47 AM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 5097+50 LT CBBI-MOD B1

P2 BX036048-08TS024036

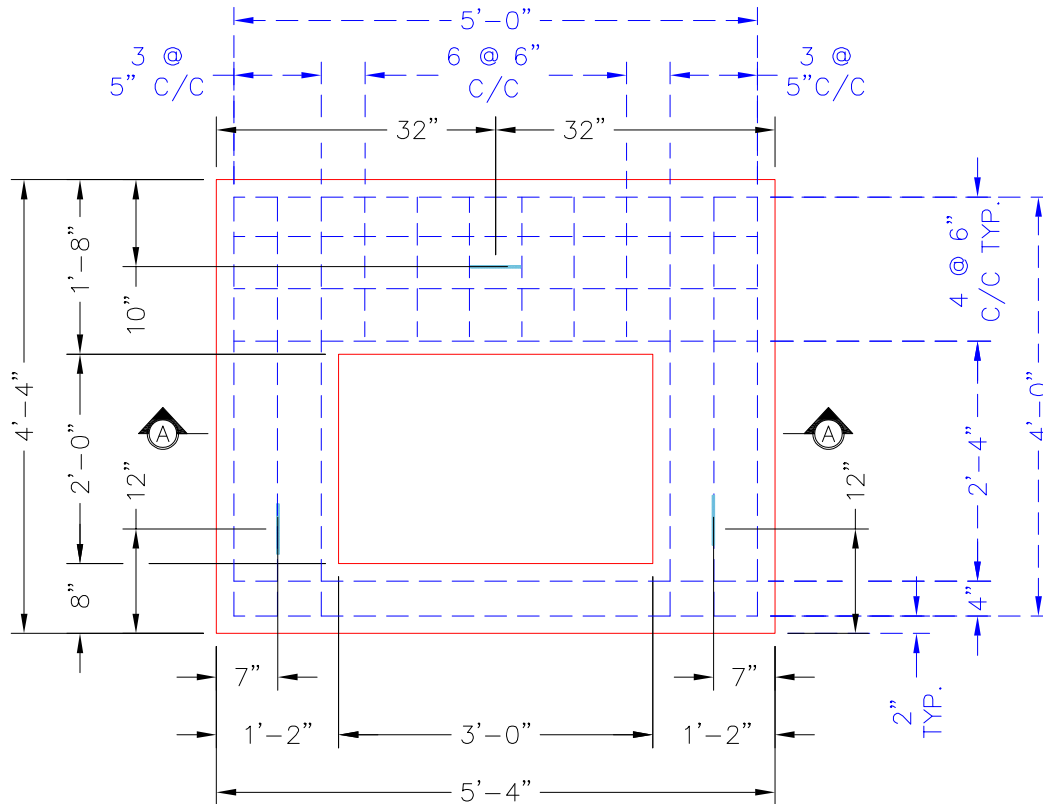
CB FT REDUCER 24"X36" HOLE-FT

P3) 24" x 120" - CB MED BAR BOX INLET 9B1 LH - 17"
P2) 36" x 48" - CB FT REDUCER 24"X36" HOLE-FT - 8"
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 41"
1) 36" x 48" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
2) Hole - 34
1) Hole - 22

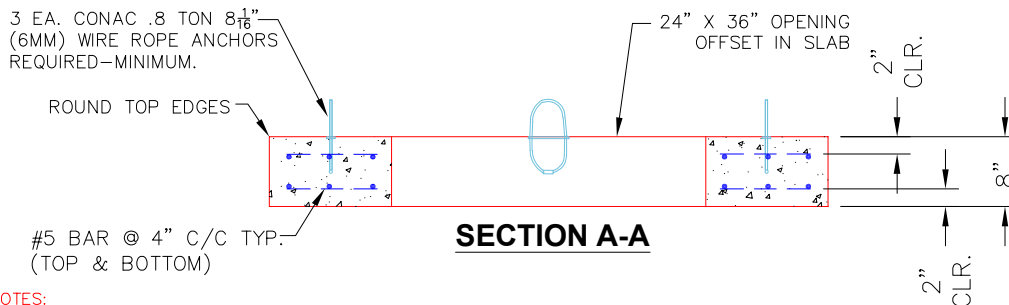
4000 lb
1654 lb
6265 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 11919 lb

Structure Notes:
-KYTC STATE PROJECT 251007
-REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.)
-CASTING FRAMES & GRATES BY OTHERS.
-CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST).
-KYTC CERTIFICATIONS REQUIRED.



PLAN VIEW



SECTION A-A

NOTES:

-CONCRETE: 4500 PSI @ 28 DAYS.
-MANUFACTURED TO KYTC & ASTM C-913 SPECIFICATIONS.
-REINFORCING: #5 BAR AS SHOWN-GRADE 60.
(TOP & BOTTOM LAYER)
-3 EA. CONAC WIRE LOOP LIFTS REQUIRED (MIN.)

#5 BAR CUT LIST
12 EA. @ 60" LG.
12 EA. @ 48" LG.
12 EA. @ 16" LG.

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1654 lb
Volume (Net): 0.42cu.yd

Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007)
Job Location: I-264 Louisville, Ky.
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam, KY
8/6/2026 2:27:22 PM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 5096+43 LT CBBI-MOD B1

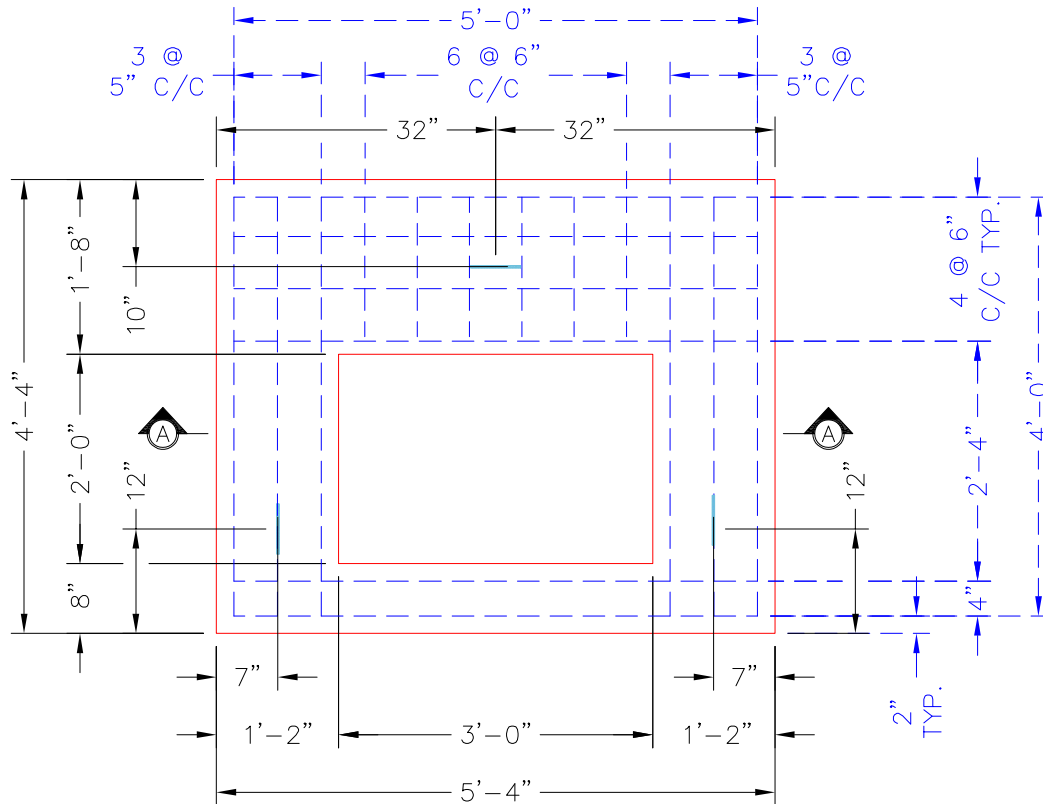
P2 BX036048-08TS024036

CB FT REDUCER 24"X36" HOLE-FT

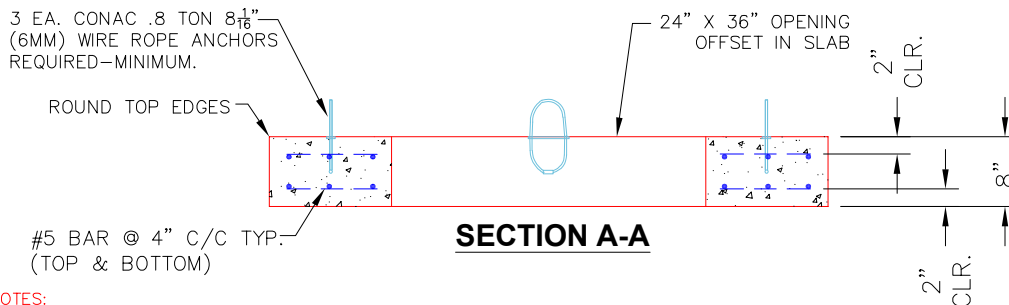
- P4) 24" x 120" - CASTING (cast in) - 3"
P3) 24" x 120" - CB MED BAR BOX INLET 9B1 LH - 17"
P2) 36" x 48" - CB FT REDUCER 24"X36" HOLE-FT - 8"
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 41"
1) 36" x 48" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
1) DOGHOUSE INVRTD - 40"x40"
1) Hole - 34

0 lb
4000 lb
1654 lb
6090 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 11744 lb

Structure Notes:
-KYTC STATE PROJECT 251007
-REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.)
-CASTING FRAMES & GRATES BY OTHERS.
-CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST).
-KYTC CERTIFICATIONS REQUIRED.



PLAN VIEW



SECTION A-A

NOTES:

- CONCRETE: 4500 PSI @ 28 DAYS.
- MANUFACTURED TO KYTC & ASTM C-913 SPECIFICATIONS.
- REINFORCING: #5 BAR AS SHOWN-GRADE 60.
(TOP & BOTTOM LAYER)
- 3 EA. CONAC WIRE LOOP LIFTS REQUIRED (MIN.)

#5 BAR CUT LIST

- 12 EA. @ 60" LG.
- 12 EA. @ 48" LG.
- 12 EA. @ 16" LG.

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 8"	Weight (Net): 1654 lb Volume (Net): 0.42cu.yd
----------------------------------	--------------------------------	--------------------	------------------	--

Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007)
Job Location: I-264 Louisville, Ky.
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam, KY
8/4/2026 11:28:45 AM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 5094+66 LT CBBI-MOD B1

P2 BX036048-08TS024036

CB FT REDUCER 24"X36" HOLE-FT

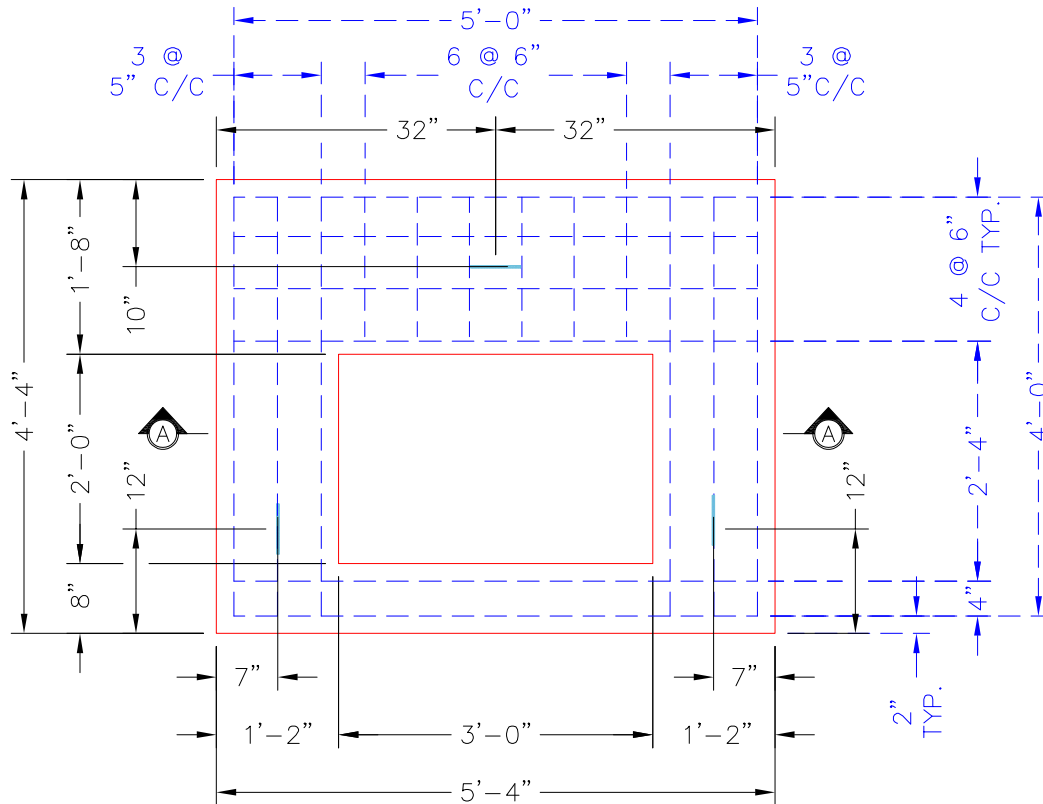
- P3) 24" x 120" - CB MED BAR BOX INLET 9B1 LH - 17"
P2) 36" x 48" - CB FT REDUCER 24"X36" HOLE-FT - 8"
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 45"
1) 36" x 48" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
2) Hole - 40

Structure Total:

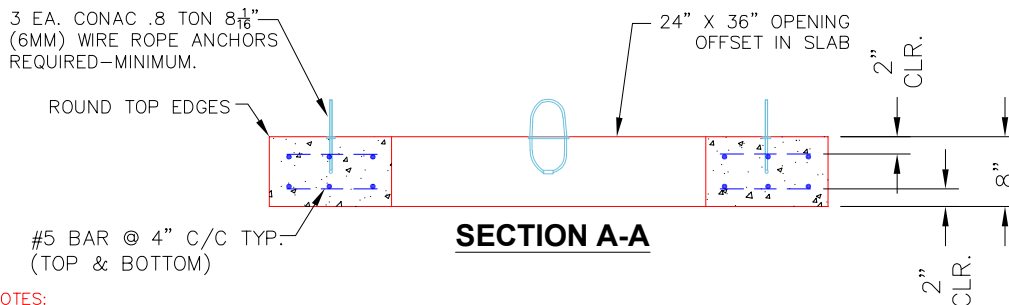
4000 lb
1654 lb
6589 lb
0 lb
0 lb
0 lb
12243 lb

Structure Notes:

- KYTC STATE PROJECT 251007
- REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.)
- CASTING FRAMES & GRATES BY OTHERS.
- CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST).
- KYTC CERTIFICATIONS REQUIRED.



PLAN VIEW



SECTION A-A

NOTES:

- CONCRETE: 4500 PSI @ 28 DAYS.
- MANUFACTURED TO KYTC & ASTM C-913 SPECIFICATIONS.
- REINFORCING: #5 BAR AS SHOWN-GRADE 60.
(TOP & BOTTOM LAYER)
- 3 EA. CONAC WIRE LOOP LIFTS REQUIRED (MIN.)

#5 BAR CUT LIST

- 12 EA. @ 60" LG.
- 12 EA. @ 48" LG.
- 12 EA. @ 16" LG.

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1654 lb
Volume (Net): 0.42cu.yd

Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007)
Job Location: I-264 Louisville, Ky.
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam, KY
8/4/2026 11:28:41 AM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 5081+13 LT CBBI-MOD B1

P2 BX036048-08TS024036

CB FT REDUCER 24"X36" HOLE-FT

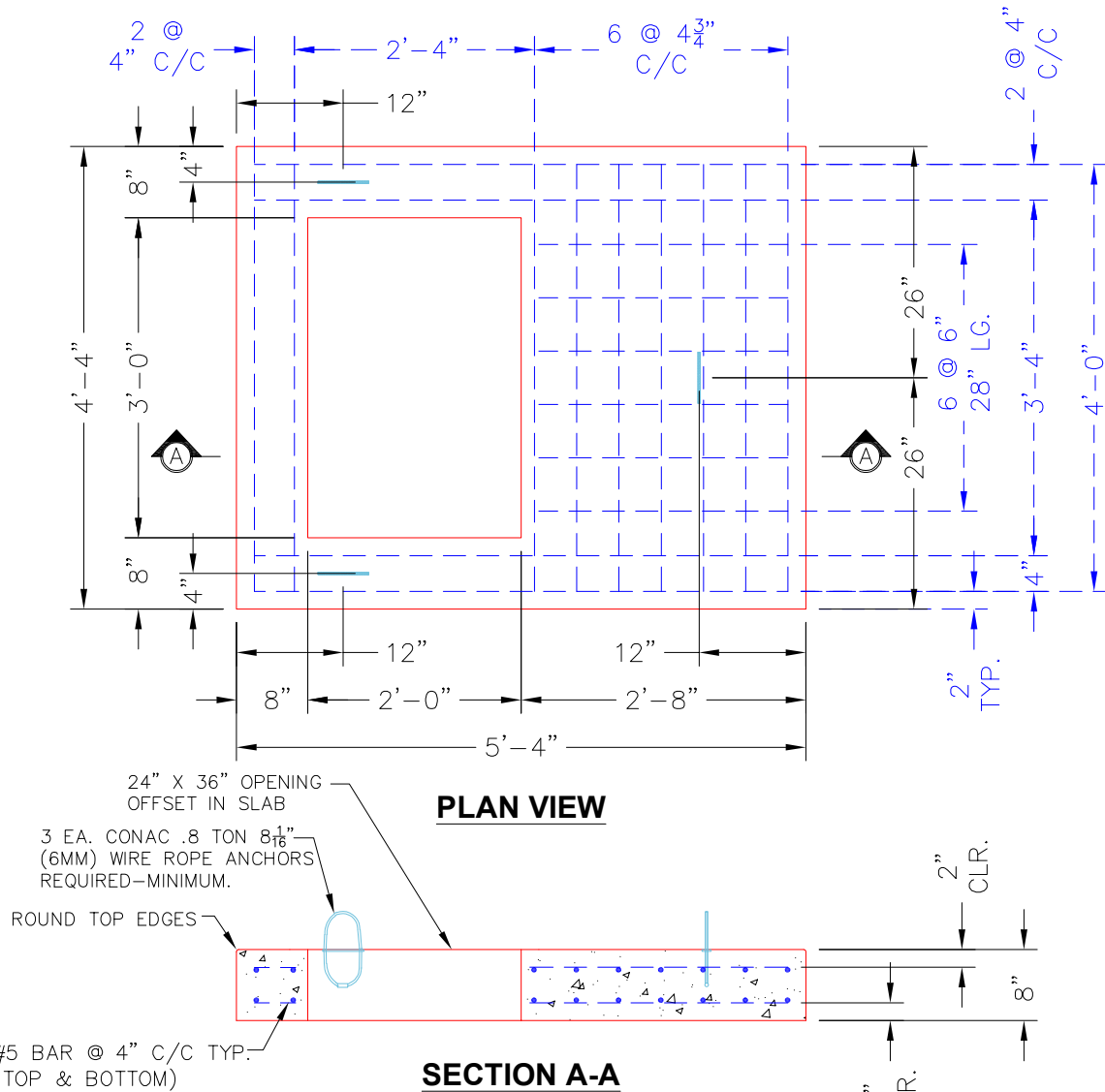
- P3) 24" x 120" - CB MED BAR BOX INLET 9B1 LH - 17"
P2) 36" x 48" - CB FT REDUCER 24"X36" HOLE-FT - 8"
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 51"
1) 36" x 48" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 40
1) Hole - 48

4000 lb
1654 lb
7327 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 12981 lb

Structure Notes:

- KYTC STATE PROJECT 251007
- REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.)
- CASTING FRAMES & GRATES BY OTHERS.
- CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST).
- KYTC CERTIFICATIONS REQUIRED.



NOTES:

- CONCRETE: 4500 PSI @ 28 DAYS.
- MANUFACTURED TO KYTC & ASTM C-913 SPECIFICATIONS.
- REINFORCING: #5 BAR AS SHOWN-GRADE 60.
(TOP & BOTTOM LAYER)
- 3 EA. CONAC WIRE LOOP LIFTS REQUIRED (MIN.)

#5 BAR CUT LIST

- 8 EA. @ 60" LG.
- 18 EA. @ 48" LG.
- 12 EA. @ 28" LG.

Coating (Int):
Coating (Ext):

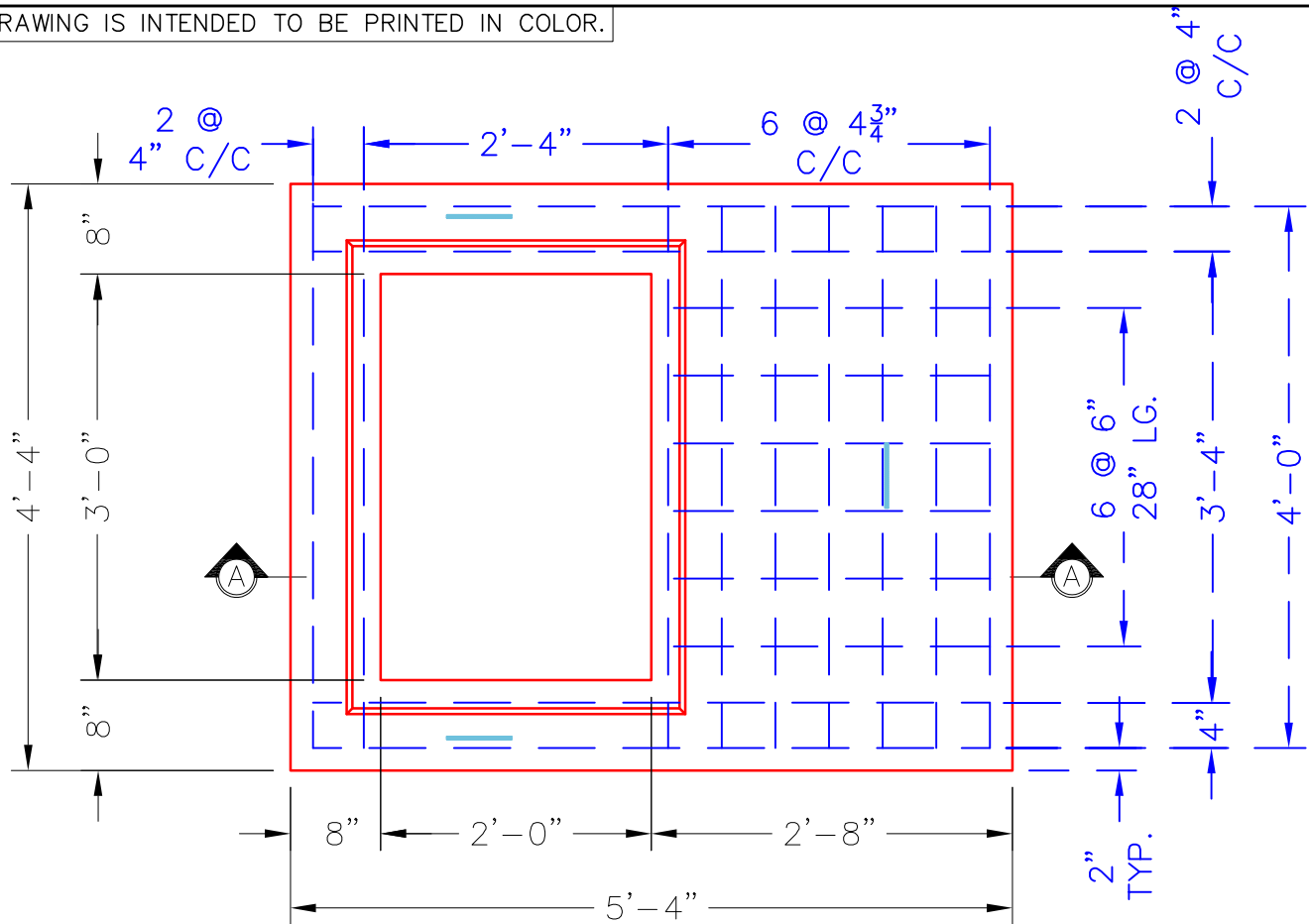
Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

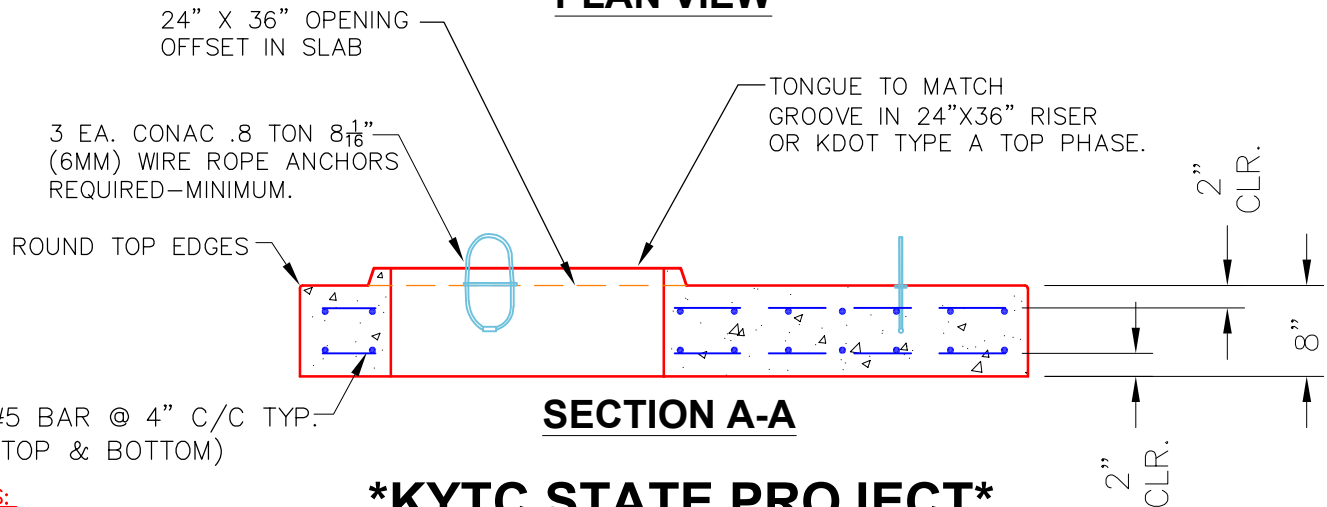
Height (Ext): 8"

Weight (Net): 1654 lb
Volume (Net): 0.42cu.yd

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.



PLAN VIEW



SECTION A-A

NOTES:

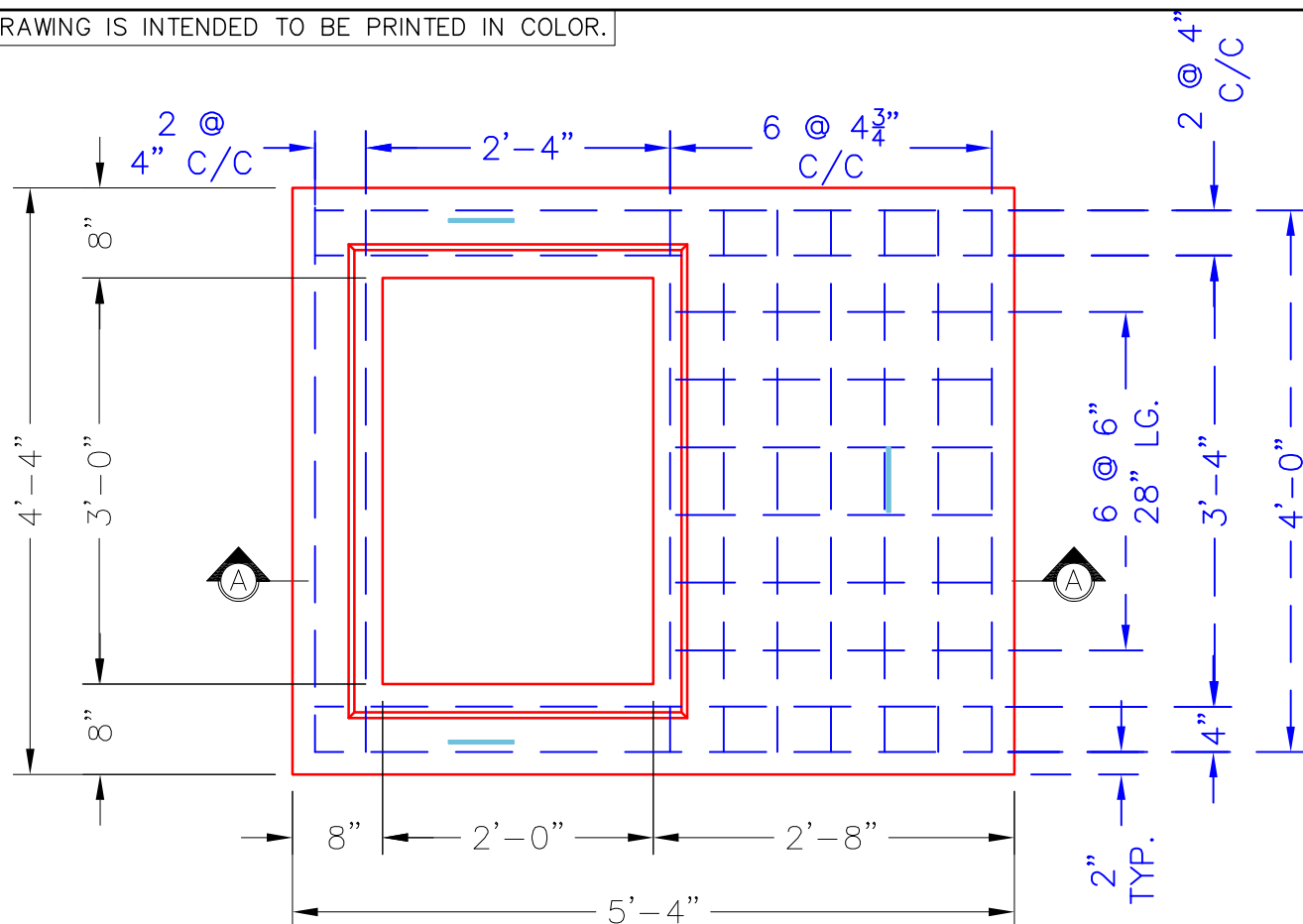
- CONCRETE: 4500 PSI @ 28 DAYS.
- MANUFACTURED TO KYTC & ASTM C-913 SPECIFICATIONS.
- REINFORCING: #5 BAR AS SHOWN-GRADE 60.
(TOP & BOTTOM LAYER)
- 3 EA. CONAC WIRE LOOP LIFTS REQUIRED (MIN.)

KYTC STATE PROJECT

#5 BAR CUT LIST
8 EA. @ 60" LG.
18 EA. @ 48" LG.
12 EA. @ 28" LG.

PRODUCTION WORK ORDER		PRODUCT I.D.: BX036048-08TS024036	DESCRIPTION: CURB INLET TRANSITION SLAB 48" X 36" X 8"			
	QUALITY CONTROL CHECKLIST	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: SCOTTY'S CONTRACTING & STONE LLC			
		PLANT: BEAVER DAM, KY.	PROJECT: KYTC CHRISTIAN CO. CALL 100 (ID 241018)			
		WEIGHT: 1,654 LBS.	STRUCTURE: 276 (438+65 RT) (SEC. P2)			
		TOP SECTION JOINT: TONGUE	QUOTE/SALES ORDER NO: 24-4208			
		BOTTOM JOINT: FLAT	PC: C. GOFF		DRAWING: S. FELLETER	
		QC CHECK INITIALS:	DATE: 07/30/26		SCALE: NTS	PG. 1 of 1
		☐ ALL DIMENSIONS CORRECT.				
		☐ LIFTERS INSTALLED.				
		☐ OPENING OFFSET.				
☐ REINFORCING CORRECT.						
☐ SHIP-LAP TONGUE INSTALLED.						
☐ EDGES CHAMFERED.						
☐ ANY PATCHWORK ACCEPTABLE.						

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.



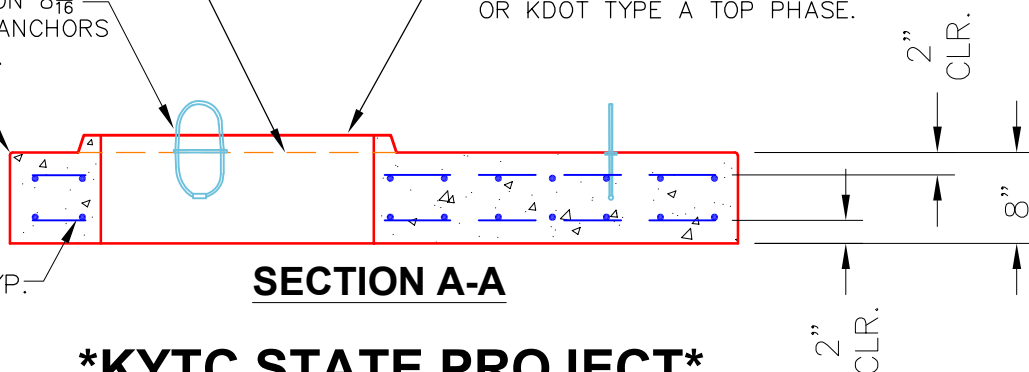
PLAN VIEW

24" X 36" OPENING
OFFSET IN SLAB

3 EA. CONAC .8 TON 8 $\frac{1}{16}$ "
(6MM) WIRE ROPE ANCHORS
REQUIRED—MINIMUM.

-TONGUE TO MATCH
GROOVE IN 24"X36" RISER
OR KDOT TYPE A TOP PHASE.

ROUND TOP EDGES



SECTION A-A

#5 BAR @ 4" C/C TYP:
(TOP & BOTTOM)

NOTES:

KYTC STATE PROJECT

- CONCRETE: 4500 PSI @ 28 DAYS.
- MANUFACTURED TO KYTC & ASTM C-913 SPECIFICATIONS.
- REINFORCING: #5 BAR AS SHOWN-GRADE 60.
(TOP & BOTTOM LAYER)
- 3 EA. CONAC WIRE LOOP LIFTS REQUIRED (MIN.)

#5 BAR CUT LIST
8 EA. @ 60" LG.
18 EA. @ 48" LG.
12 EA. @ 28" LG.

PRODUCTION WORK ORDER		PRODUCT I.D.: BX036048-08TS024036	DESCRIPTION: CURB INLET TRANSITION SLAB 48" X 36" X 8"		
	QUALITY CONTROL CHECKLIST	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: SCOTTY'S CONTRACTING & STONE LLC		
	☐ ALL DIMENSIONS CORRECT.	PLANT: BEAVER DAM, KY.	PROJECT: KYTC CHRISTIAN CO. CALL 100 (ID 241018)		
	☐ LIFTERS INSTALLED.	WEIGHT: 1,654 LBS.	STRUCTURE: 264 (434+55 RT) (SEC. P2)		
	☐ OPENING OFFSET.	TOP SECTION JOINT: TONGUE	QUOTE/SALES ORDER NO: 24-4208		
	☐ REINFORCING CORRECT.	BOTTOM JOINT: FLAT	PC: C. GOFF		DRAWING: S. FELLETER
	☐ SHIP-LAP TONGUE INSTALLED.	QC CHECK INITIALS:	DATE: 07/30/26	SCALE: NTS	PG. 1 of 1
	☐ EDGES CHAMFERED.				
☐ ANY PATCHWORK ACCEPTABLE.					

Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018)
Job Location: Hopkinsville, KY
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

Tech: J. Horsley

7/30/2026 8:57:34 AM

PC: C. Goff



Structure ID: 266 (434+55 RT)

P2 BX024060-08LD08-1559

BX FLAT LID 8inW, w/15"x59" HOLE (KYTC DBI-13S)

- P4) 15" x 59" - P.I.P. - BY OTHERS - 8"
P3) 15" x 59" - FIELD ADJUSTMENT - 3"
P2) 24" x 60" - BX FLAT LID 8inW, w/15"x59" HOLE (KYTC DBI-13S) F/F - 8"
P1) 24" x 60" - BOX BASE 8inW, 8inF F/n - 36"
1) CASTING - HOE KY-206 F/C (KY TY1)
1) 24" x 60" - Conseal CS-102 1.00"
1) Hole - 20
2) Hole - 4

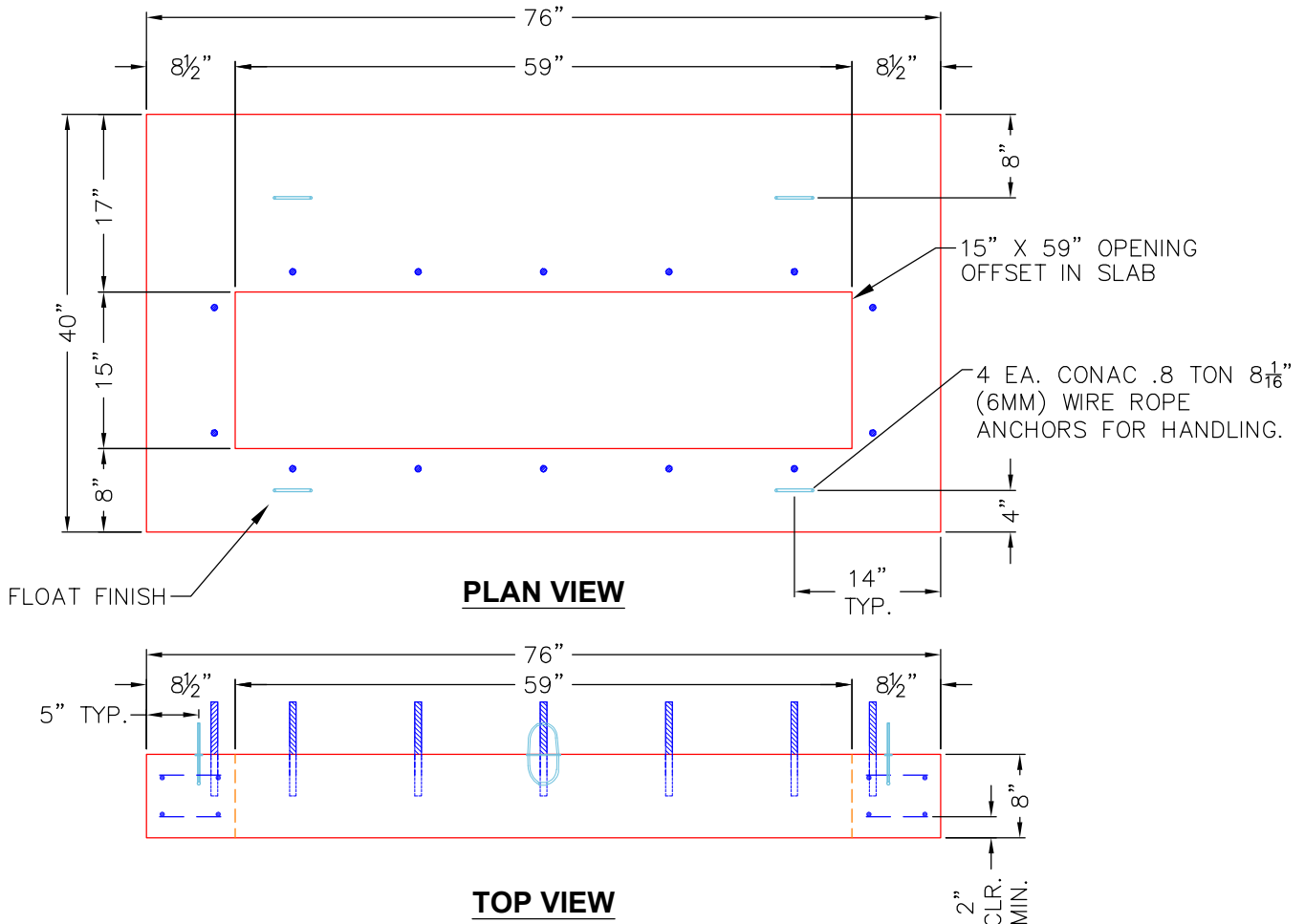
0 lb
0 lb
1461 lb
6646 lb
206 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 8313 lb

Structure Notes:
KYTC STATE PROJECT
1. KYTC DBI TYPE 13S / ASTM C-913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE KY-230S F/G SHIPPED LOOSE).
4. STUB #5 BARS 4" OUT TOP OF TOP SLAB (SPA AT 12" C/C) AROUND 15"x59" HOLE.

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

NOTES:

1. MANUFACTURED TO KYTC DBI TYPE 13S/ASTM C-931 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: DOUBLE MAT #5 BAR @ 6" C.C. E.W. (GRADE 60).
4. STUB #5 BARS 4" OUT TOP SLAB AROUND OPENING @ 12" C/C.



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1461 lb
Volume (Net): 0.37cu.yd

Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018)
Job Location: Hopkinsville, KY
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

Tech: J. Horsley

7/30/2026 8:57:25 AM

PC: C. Goff



Structure ID: 248 (428+73 RT)

P2 BX048060-08LD08-1559

BX FLAT LID 8inW, w/15"x59" HOLE (KYTC DBI-13S)

- P4) 15" x 59" - P.I.P. - BY OTHERS - 8"
P3) 15" x 59" - FIELD ADJUSTMENT - 3.5"
P2) 48" x 60" - BX FLAT LID 8inW, w/15"x59" HOLE (KYTC DBI-13S) F/F - 8"
P1) 48" x 60" - BOX BASE 8inW, 8inF, Variable Ht F/n - 59"
1) CASTING - HOE KY-230-S F/G (SAG)
1) 48" x 60" - Conseal CS-102 1.00"
1) Hole - 44
1) Hole - 38
1) Hole - 26
2) Hole - 4

0 lb
0 lb
2784 lb
10932 lb
474 lb
0 lb
0 lb
0 lb
0 lb
0 lb

14190 lb

Structure Total:

Structure Notes:

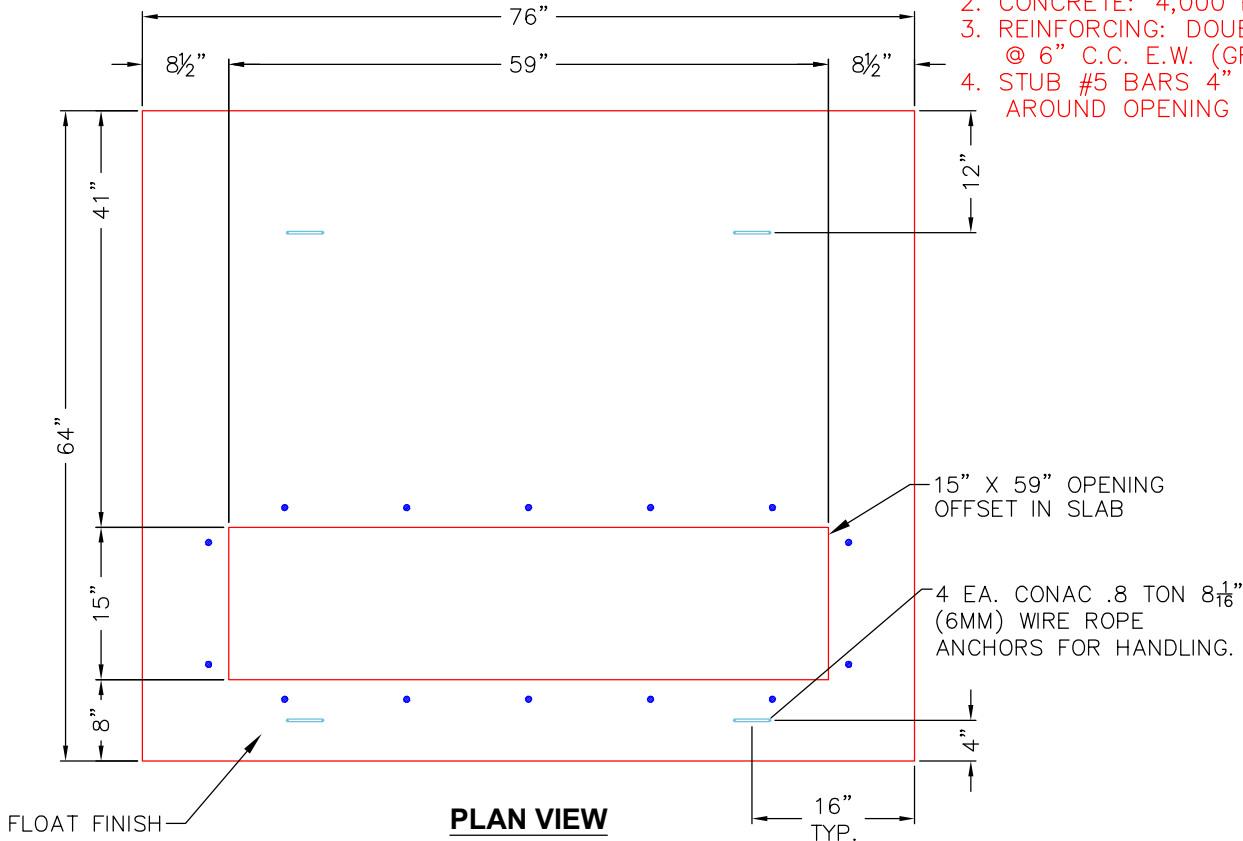
****KYTC STATE PROJECT****

1. KYTC DBI TYPE 13S / ASTM C-913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE KY-230-S F/G)
4. STUB #5 BARS 4" OUT TOP OF TOP SLAB (SPA AT 12" C/C) AROUND 15"x59" HOLE.

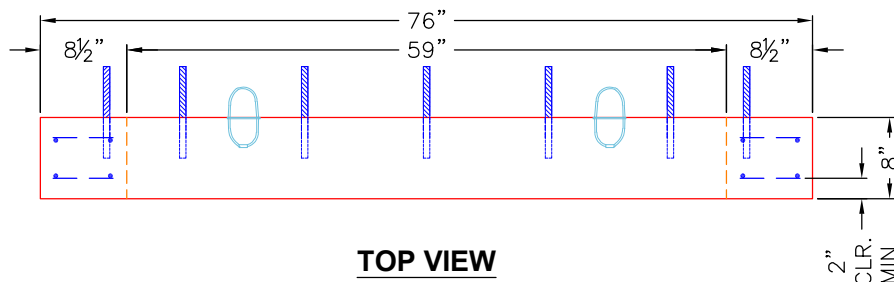
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. (DBL MAT).
- WALLS (As .31) #5 BARS AT 12" C.C.E.W..
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

NOTES:

1. MANUFACTURED TO KYTC DBI TYPE 13S/ASTM C-931 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: DOUBLE MAT #5 BAR @ 6" C.C. E.W. (GRADE 60).
4. STUB #5 BARS 4" OUT TOP SLAB AROUND OPENING @ 12" C/C.



PLAN VIEW



TOP VIEW

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

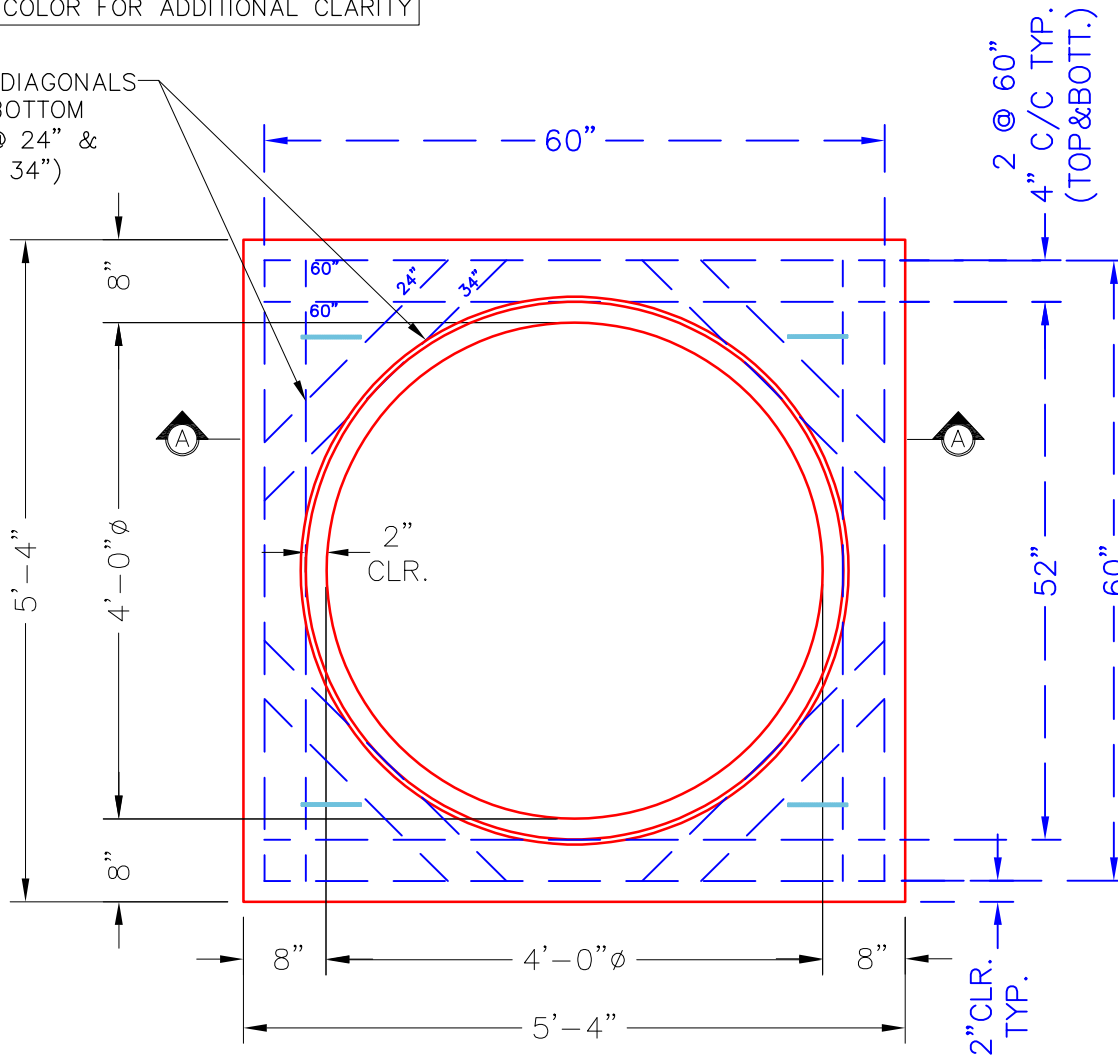
Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 2784 lb
Volume (Net): 0.71cu.yd

PRINT IN COLOR FOR ADDITIONAL CLARITY

#5 BAR DIAGONALS
TOP & BOTTOM
(8 EA. @ 24" &
8 EA. @ 34")



PLAN VIEW

4 EA. CONAC .8 TON $8\frac{1}{16}$ "
(6MM) WIRE ROPE ANCHORS
REQUIRED—MINIMUM.

48"Ø OPENING WITH TONGUE
FOR 48"Ø COMPONENTS.

#5 BAR @ 4"
C/C TYPICAL.
(TOP & BOTTOM)

SECTION A-A

NOTES:

- CONCRETE: 4500 PSI @ 28 DAYS.
- REINFORCING: #5 BAR @ 4" C/C-GRADE 60.
(TOP & BOTTOM LAYERS).
- KYTC CERTIFICATIONS REQUIRED.
- 4 EA. CONAC WIRE LOOP LIFTERS REQUIRED.

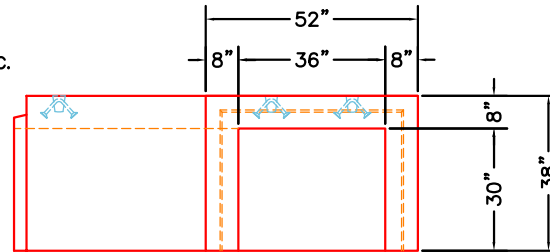
KYTC STATE PROJECT

#5 BAR CUT LIST
16 EA. @ 60" LG.
8 EA. @ 34" LG.
8 EA. @ 24" LG.

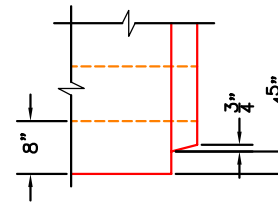
PRODUCTION WORK ORDER		PRODUCT I.D.:	DESCRIPTION:
		BX4848_08TS8	CB TRANSITION SLAB 48"X48" TO 48"Ø
	QUALITY CONTROL CHECKLIST		CUSTOMER: SCOTTY'S CONTRACTING & STONE LLC
	☐ ALL DIMENSIONS CORRECT.		PROJECT: KYTC CHRISTIAN CO. CALL 100 (ID 241018)
	☐ LIFTERS INSTALLED.		STRUCTURE ID.: 267 (435+52 RT) (SEC. P2)
	☐ OPENING CENTERED.		QUOTE/ORDER NO: 24-4208
	☐ REINFORCING CORRECT.		PC: C. GOFF
	☐ SURFACE QUALITY ACCEPTABLE.		DRAWING: S. FELLETER
☐ EDGES CHAMFERED.		DATE: 07/30/26	SCALE: NTS
☐ ALL PATCHWORK ACCEPTABLE.		QC CHECK INITIALS:	PG. 1 of 1

GENERAL NOTES

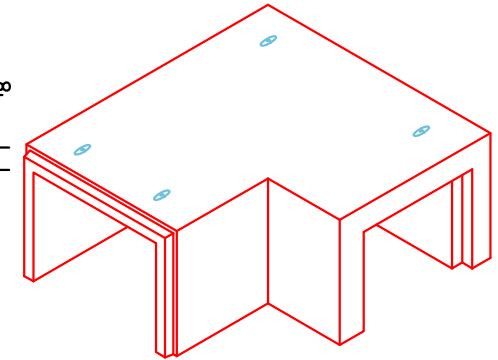
1. MANUFACTURED TO ASTM C1577 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. LOAD REQUIREMENTS = KY-HL93 (KY TABLE1).
4. COVER DEPTH = 4' TO 6'.
5. REINFORCING: PER ASTM C1577 (GRADE 60). SEE ATTACHED STAMPED DESIGN CALCULATIONS.
6. BOX CULVERT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST).
7. EXTERIOR JOINT WRAP TO BE 12" WIDE CS212.
8. WEIGHT: 36" X 30" X 168" LONG SECTION = 10,225 LBS.



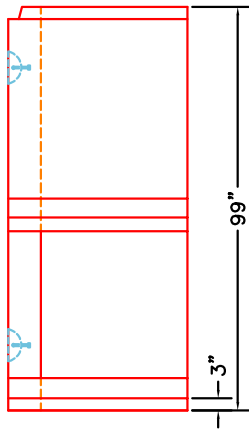
END VIEW



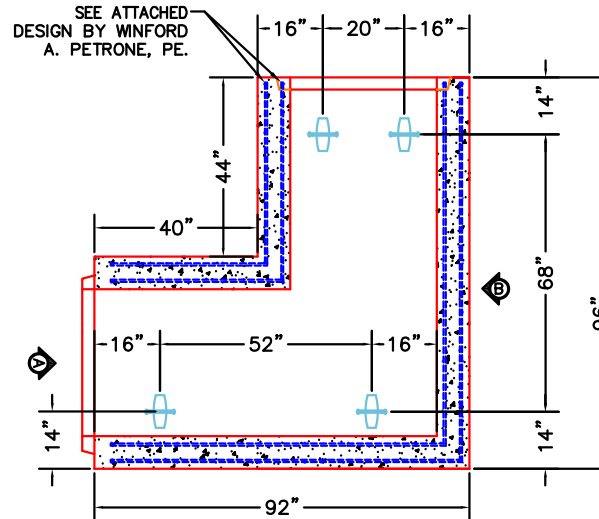
JOINT DETAIL (TYP.)
NTS



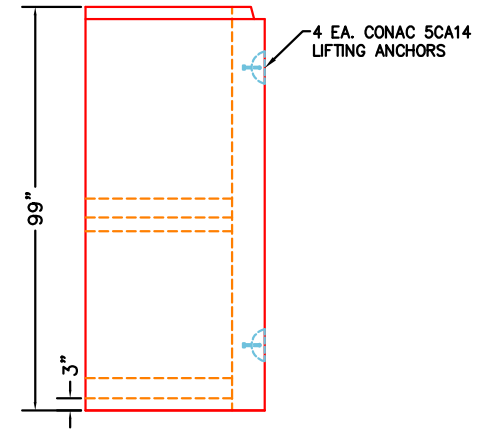
COMPONENT
ISOMETRIC VIEW



VIEW A
UPRIGHT IN MOLD



PLAN VIEW
UPRIGHT IN MOLD



VIEW B
UPRIGHT IN MOLD

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.: CBS

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 10,225 LBS.

TOP JOINT: GROOVE

BOTTOM JOINT: TONGUE

QC CHECK INITIALS:

DESCRIPTION: 36" X 30" X 168" (BEND) LONG 3-SIDED BOX CULVERT

CUSTOMER: CLEARY CONSTRUCTION INC

PROJECT: UK BP9 SITE THERMAL AND ELECTRIC UTILITIES

STRUCTURE: 36" X 30" X 168" (BEND) BOX CULVERT (P7)

SALES ORDER/QUOTE NO: 25-2504

PC: C. GOFF

DRAWING: S. FELLETER

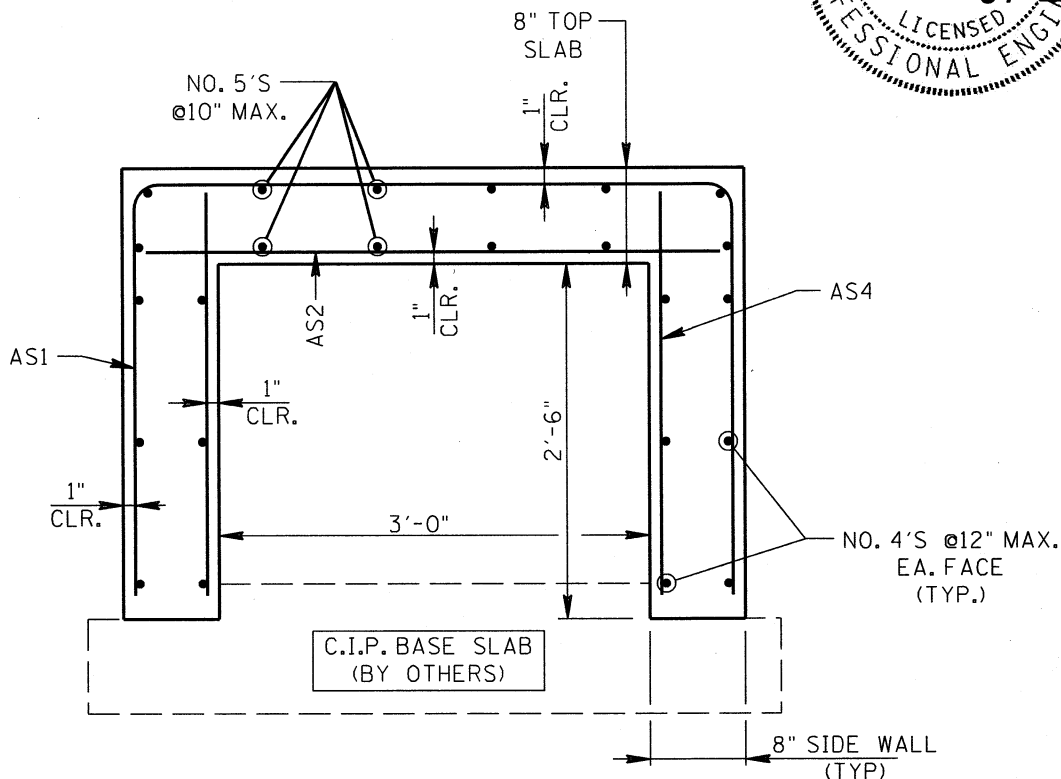
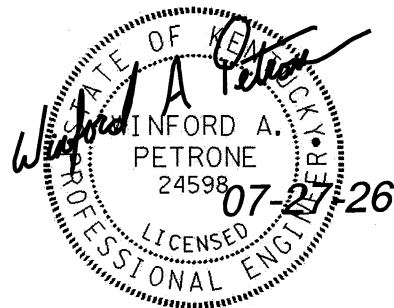
DATE: 07/31/26

SCALE: NTS

PG. 1 of 1

NOTE: SEE "PRECAST DESIGN SUBMITTALS, CONCRETE COMPONENTS" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

NOTE: SEE ICAST WORKING DRAWINGS FOR ADDITIONAL INFORMATION AND LOCATION OF EACH COMPONENT.



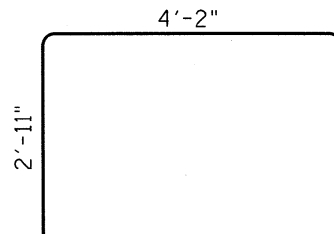
PRECAST TUNNEL SECTION

3'-0"X2'-6" STEAM TUNNEL RUN #2
BEND UNITS

NOTE: CLEARANCE BETWEEN CUT-OFF
ENDS OF BARS AND OUTSIDE
FACES OF CONCRETE=2".

NOTE: AT BEND UNIT CORNERS, PROVIDE
ADDITIONAL #5'S BETWEEN BARS
AS1 AND AS2 WHICH ARE SHOWN
ON THIS SKETCH.
SEE SK-6 FOR ADDITIONAL DETAIL.

REINFORCING STEEL		
LOCATION	REQUIRED	COMMENTS
AS1	NO. 5'S@10"	BEND AS SHOWN
AS2	NO. 5'S@10"	EXTEND TO EXTER. FACES
AS3	NOT USED	NOT USED
AS4	NO. 4'S@12"	



AS1, AS2, AND AS4 REINFORCING BARS

Fy-min=60 K.S.I.

BARS AS1

THIS SECTION TO BE USED FOR ALL
RUN #2: BEND UNITS.

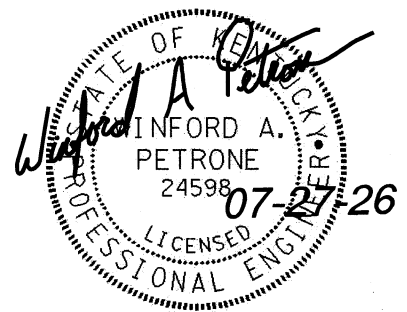
SK-5

PRECAST STEAM TUNNELS: RUN NO. 2, TYP. SECTION @ BEND UNITS

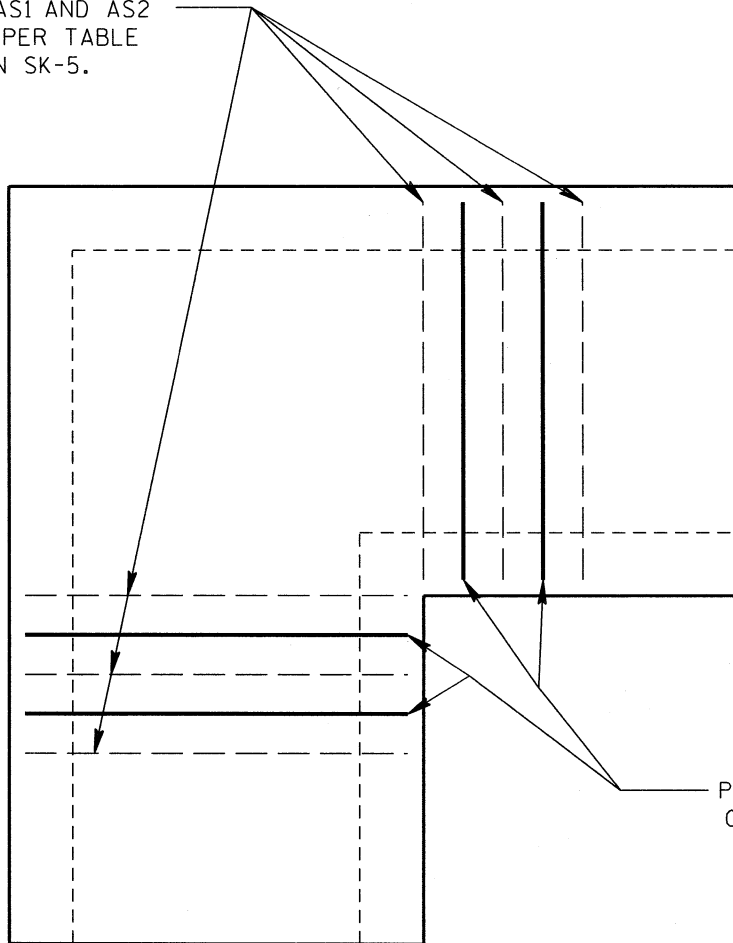
UK BP9 SITE THERMAL AND ELECTRIC: 3'-0"X2'-6" STEAM TUNNEL RUN #2

NOTE: SEE "PRECAST DESIGN SUBMITTALS, CONCRETE COMPONENTS" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

NOTE: SEE ICAST WORKING DRAWINGS FOR ADDITIONAL INFORMATION AND LOCATION OF EACH COMPONENT.



BARS AS1 AND AS2
@ 10" PER TABLE
ON SK-5.



PROVIDE 2 ADD'L. SETS
OF AS1 AND AS2 BARS
BETWEEN SCHEDULED
RE-BARS EACH WAY
@ BEND CORNERS
ASSHOWN.

TYPICAL PRECAST TUNNEL BEND UNIT PLAN

SHOWING ADDITIONAL BARS AS1 AND AS2 AT BEND CORNERS
(SHOWN AT PC08)

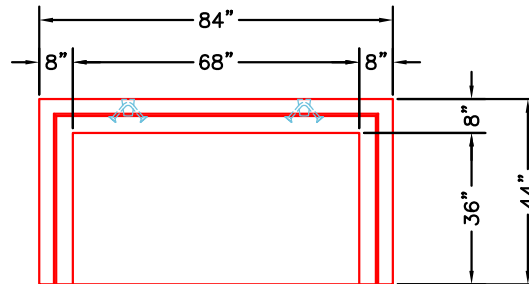
SK-6

PRECAST STEAM TUNNELS: RUN NO. 2, PLAN VIEW @ BEND UNITS

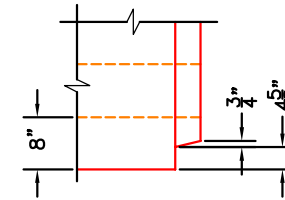
UK BP9 SITE THERMAL AND ELECTRIC: 3'-0"X2'-6" STEAM TUNNEL RUN #2

GENERAL NOTES

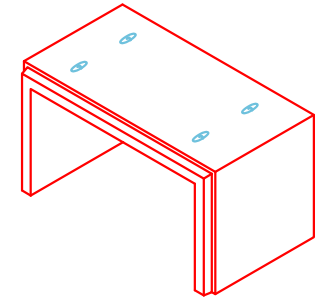
1. MANUFACTURED TO ASTM C1577 (LATEST REVISION).
2. 2. CONCRETE: 5,000 PSI AT 28 DAYS
3. .LOAD REQUIREMENTS = KY-HL93 (KY TABLE1).
4. COVER DEPTH = 4' TO 6'.
3. REINFORCEMENT PER ATTACHED DESIGN BY WINFORD A. PETRONE, PE
4. BOX CULVERT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST).
5. EXTERIOR JOINT WRAP TO BE 12" WIDE CS212.
6. WEIGHT: 68" X 36" X 45" LONG SECTION = 4,710 LBS.



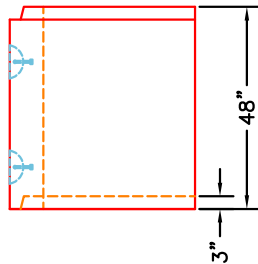
END VIEW



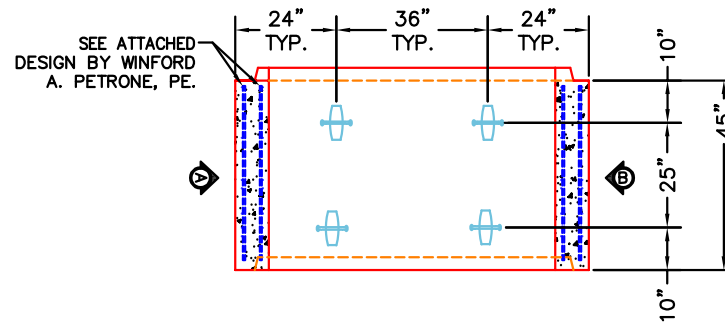
JOINT DETAIL (TYP.)
NTS



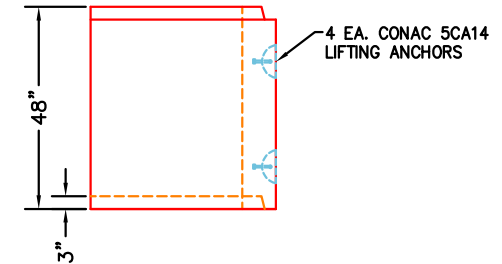
COMPONENT
ISOMETRIC VIEW



VIEW A
UPRIGHT IN MOLD



PLAN VIEW
UPRIGHT IN MOLD



VIEW B
UPRIGHT IN MOLD

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.: CBS

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 4,710 LBS.

TOP JOINT: TONGUE

BOTTOM JOINT: GROOVE

QC CHECK INITIALS:

DESCRIPTION: 68" X 36" X 45" LONG 3-SIDED BOX CULVERT

CUSTOMER: CLEARY CONSTRUCTION INC

PROJECT: UK BP9 SITE THERMAL AND ELECTRIC UTILITIES

STRUCTURE: 68" X 36" X 45" BOX CULVERT (P11)

SALES ORDER/QUOTE NO: 25-2504

PC: C. GOFF

DRAWING: S. FELLETER

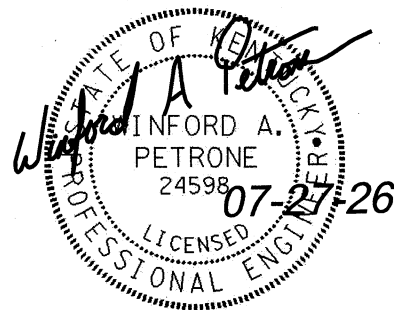
DATE: 07/31/26

SCALE: NTS

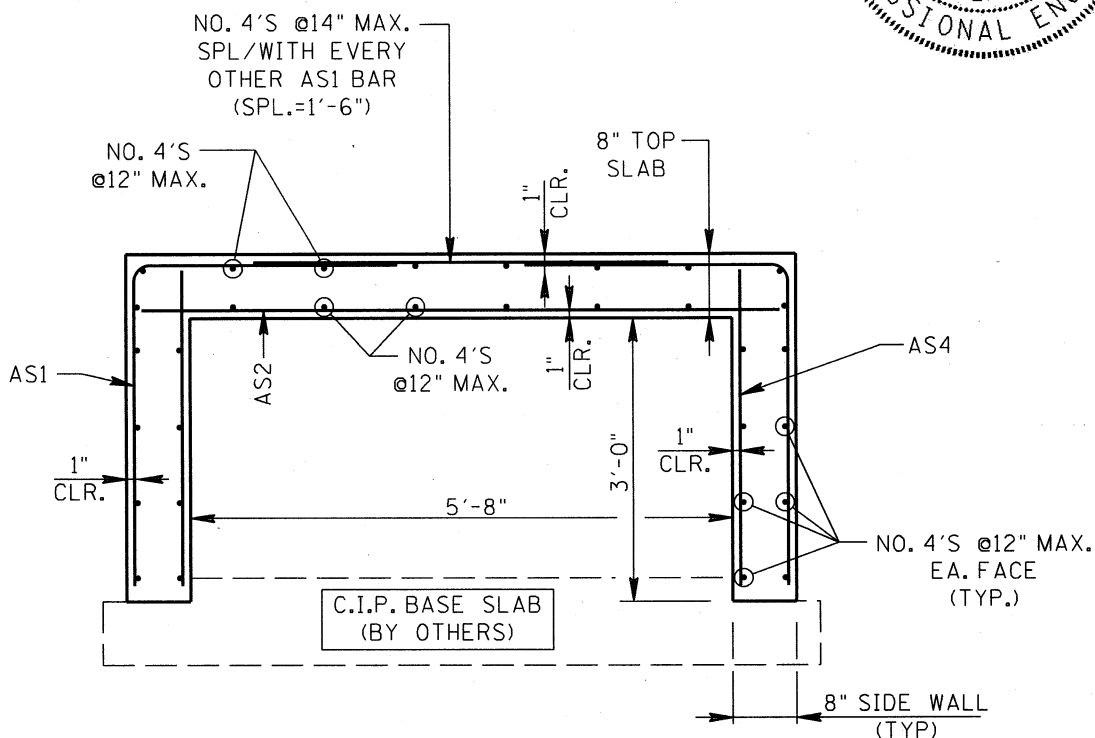
PG. 1 of 1

NOTE: SEE "PRECAST DESIGN SUBMITTALS, CONCRETE COMPONENTS" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

NOTE: SEE ICAST WORKING DRAWINGS FOR ADDITIONAL INFORMATION AND LOCATION OF EACH COMPONENT.



55/60

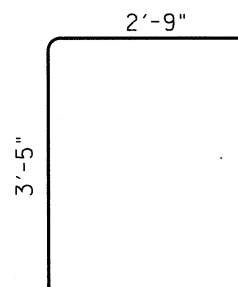


PRECAST TUNNEL SECTION

5'-8"X3'-0" STEAM TUNNEL RUN #1
NON-WEDGED UNITS

NOTE: CLEARANCE BETWEEN CUT-OFF
ENDS OF BARS AND OUTSIDE
FACES OF CONCRETE=2".

REINFORCING STEEL		
LOCATION	REQUIRED	COMMENTS
AS1	NO. 4'S@7"	BEND AS SHOWN
AS2	NO. 4'S@7"	EXTEND TO EXTER. FACES
AS3	NOT USED	NOT USED
AS4	NO. 4'S@12"	



BARS AS1

AS1, AS2, AND AS4 REINFORCING BARS

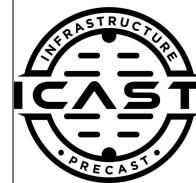
Fy-min=60 K.S.I.

THIS SECTION TO BE USED FOR ALL
RUN #1: NON-WEDGED UNITS,
RECTANGULAR IN PLAN VIEW.

SK-1

PRECAST STEAM TUNNELS: RUN NO.1, TYPICAL UNIT SECTION

UK BP9 SITE THERMAL AND ELECTRIC: 5'-8"X3'-0" STEAM TUNNEL RUN #1



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 9"	Height (Ext): 59"	Weight (Net): 31830 lb Volume (Net): 8.13cu.yd
----------------------------------	----------------------------------	--------------------	-------------------	---

Job Name: 26-2945 - The Cumberlands Lift Station
Job Location: Bowling Green, KY
Contractor: Endesol, Inc.

Plant: Beaver Dam

7/21/2026 1:57:22 PM

Tech: J. Coppage

PC: E. Bradley



Structure ID: Combo Lift Station

P2 CTRS

Combined Lift Station Walls/Floor

- P4) 36" x 54" - HATCH (CAST FLUSH) - 3"
P3) 96" - Combined Lift Station Top Slab Custom - 12"
P2) 96" - Combined Lift Station Walls/Floor - 59"
P1) 96" - MH BASE (12"F) Custom Ht - 64"
1) JOINT WRAP - 12" WD x 096" MAC WRAP
1) Cast-in Item - 2x Hatches
1) SECONDARY POUR - Walls For Vault Sect.
1) SECONDARY POUR - Vault Extension
1) HATCH (Alum.) - HALLIDAY S1R 36"x54"
1) HATCH (Alum.) - HALLIDAY S1R 42"x42"
1) SPECIAL Pre-Assembly of Internal Material Required
1) 96" - Conseal CS-231 1.00" (Double)
1) 36" x 54" - Conseal CS-231 1.00" (Double)
1) PSX - 8QRS-S NYLO
1) PSX - 12-08 NYLO
5) MH Step ML-10-TDS-NCR - 10"

SECOND POUR DRAWING

100 lb
11765 lb
31830 lb
26136 lb
0 lb
0 lb
0 lb
0 lb
91 lb
93 lb
0 lb
0 lb
0 lb
6 lb
8 lb
0 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).

GRADE 60 REINFORCING STEEL SCHEDULE

BASE SLAB: #6 @ 6" OC EW TOP, #5 @ 12" EW BOT
VALVE VAULT FLOOR SLAB: #5 @ 8" OC EW
VALVE VAULT WALL SECTION: #5 @ 12" OC EW
LID SLAB: #4 @ 12" OC EW TOP, #5 @ 12" EW BOT
(EXTRA #5 BAR AROUND THE HATCHES)

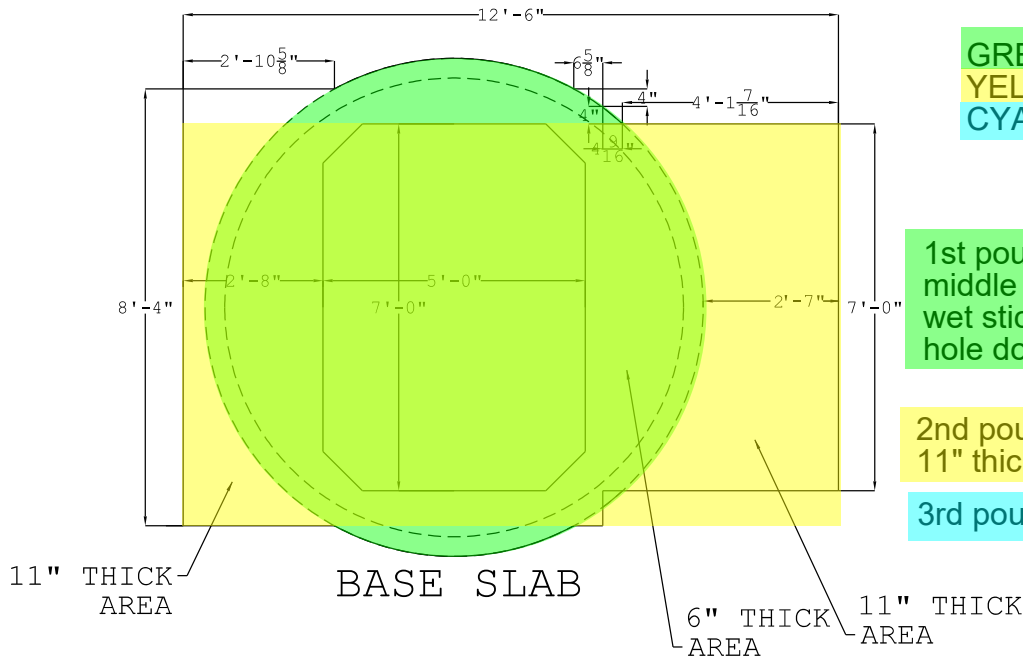
FIRST POUR - 3,896 LBS

SECOND POUR - 4,095 LBS

THIRD POUR - 23,877 LBS

Structure Total:

70029 lb



GREEN - FIRST POUR

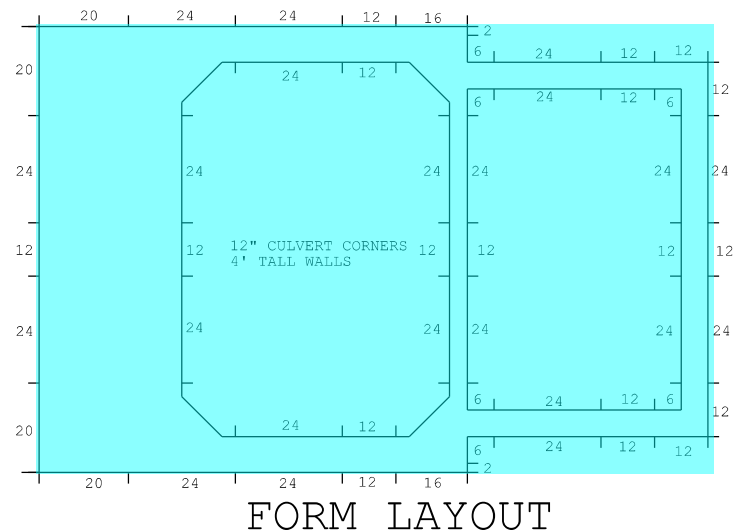
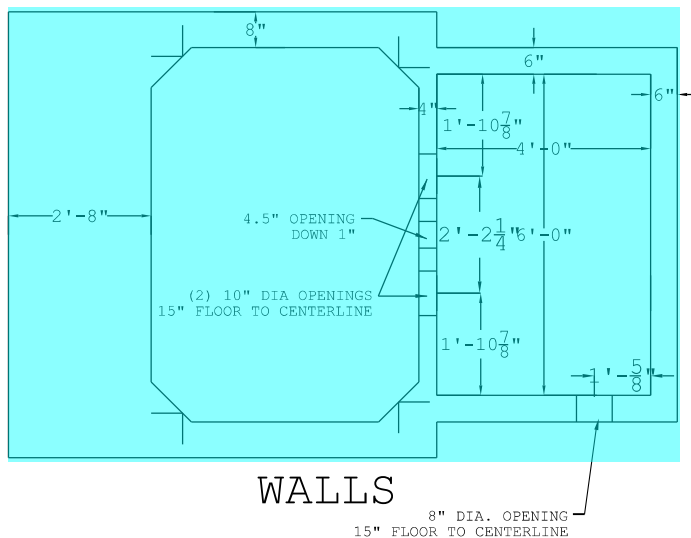
YELLOW - SECOND POUR

CYAN - THIRD POUR

1st pour use the 8' dia. jacket, make the middle area 6" thick (rather than 12") and wet stick verticals and countersink 4.5" hole down 1".

2nd pour add the extensions to the sides, 11" thick and wet stick verticals.

3rd pour is 4' tall walls with holes



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 9"

Height (Ext): 59"

Weight (Net): 31830 lb
Volume (Net): 8.13cu.yd

Job Name: 26-2945 - The Cumberlands Lift Station
Job Location: Bowling Green, KY
Contractor: Endesol, Inc.

Plant: Beaver Dam

7/21/2026 1:57:22 PM

Tech: J. Coppage

PC: E. Bradley



Structure ID: Combo Lift Station

P2 CTRS

Combined Lift Station Walls/Floor

- P4) 36" x 54" - HATCH (CAST FLUSH) - 3"
P3) 96" - Combined Lift Station Top Slab Custom - 12"
P2) 96" - Combined Lift Station Walls/Floor - 59"
P1) 96" - MH BASE (12"F) Custom Ht - 64"
1) JOINT WRAP - 12" WD x 096" MAC WRAP
1) Cast-in Item - 2x Hatches
1) SECONDARY POUR - Walls For Vault Sect.
1) SECONDARY POUR - Vault Extension
1) HATCH (Alum.) - HALLIDAY S1R 36"x54"
1) HATCH (Alum.) - HALLIDAY S1R 42"x42"
1) SPECIAL Pre-Assembly of Internal Material Required
1) 96" - Conseal CS-231 1.00" (Double)
1) 36" x 54" - Conseal CS-231 1.00" (Double)
1) PSX - 8QRS-S NYLO
1) PSX - 12-08 NYLO
5) MH Step ML-10-TDS-NCR - 10"

THIRD POUR DRAWING

100 lb
11765 lb
31830 lb
26136 lb
0 lb
0 lb
0 lb
0 lb
91 lb
93 lb
0 lb
0 lb
0 lb
0 lb
6 lb
8 lb
0 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 5,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).

GRADE 60 REINFORCING STEEL SCHEDULE

BASE SLAB: #6 @ 6" OC EW TOP, #5 @ 12" EW BOT
VALVE VAULT FLOOR SLAB: #5 @ 8" OC EW
VALVE VAULT WALL SECTION: #5 @ 12" OC EW
LID SLAB: #4 @ 12" OC EW TOP, #5 @ 12" EW BOT
(EXTRA #5 BAR AROUND THE HATCHES)

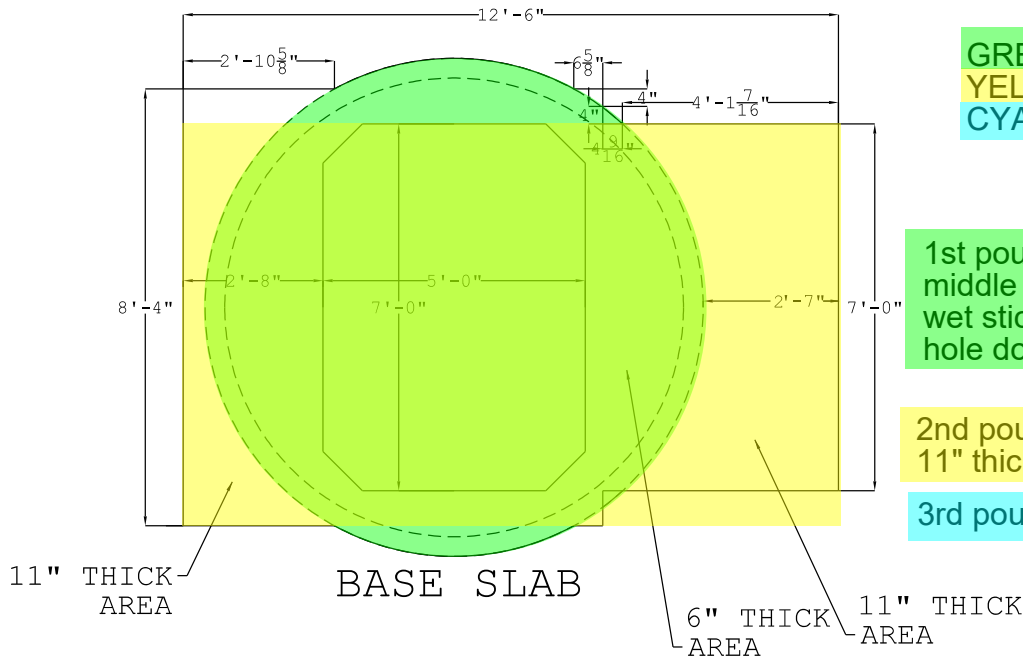
FIRST POUR - 3,896 LBS

SECOND POUR - 4,095 LBS

THIRD POUR - 23,877 LBS

Structure Total:

70029 lb



GREEN - FIRST POUR

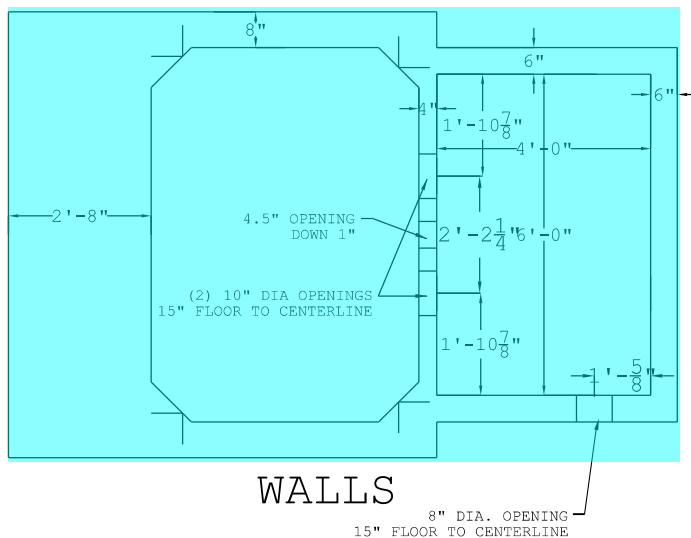
YELLOW - SECOND POUR

CYAN - THIRD POUR

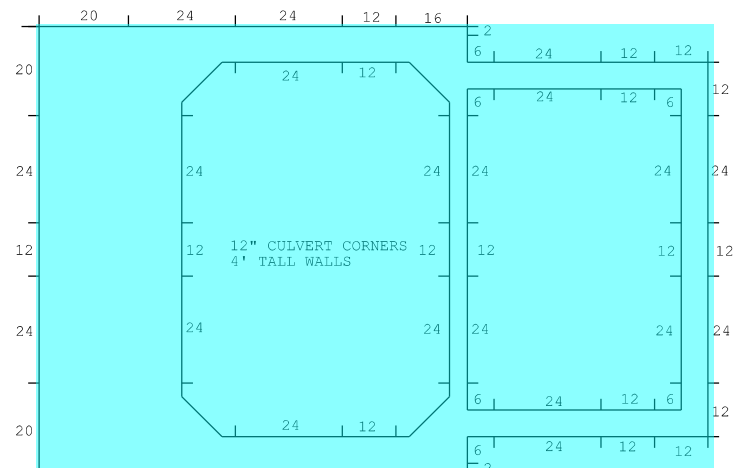
1st pour use the 8' dia. jacket, make the middle area 6" thick (rather than 12") and wet stick verticals and countersink 4.5" hole down 1".

2nd pour add the extensions to the sides, 11" thick and wet stick verticals.

3rd pour is 4' tall walls with holes



WALLS



FORM LAYOUT

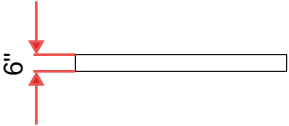
Coating (Int):
Coating (Ext):

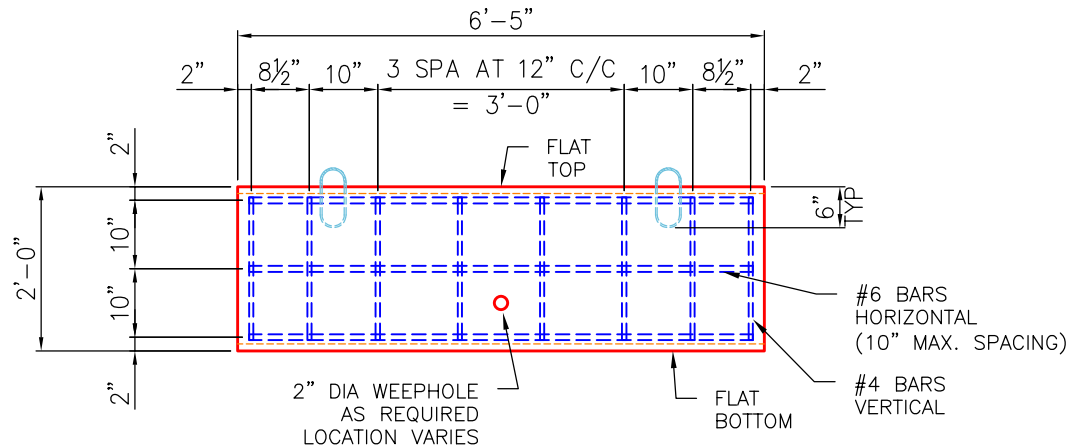
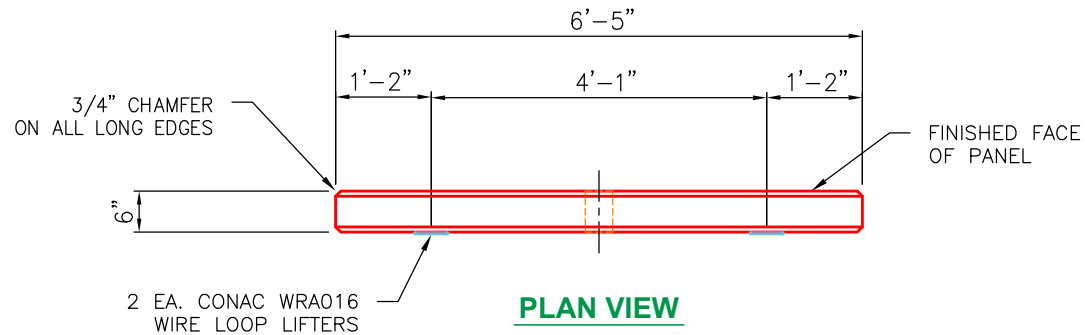
Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 9"

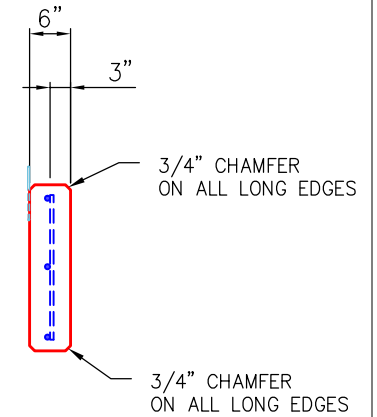
Height (Ext): 59"

Weight (Net): 31830 lb
Volume (Net): 8.13cu.yd

Job Name: 26-1333 - Mitchell Hill Road Project Job Location: Louisville, KY 40118 Contractor: Hall Contracting of Kentucky Inc					Plant: 100 6/16/2026 1:22:08 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: WALL P22-P23											
P1 CUSTOM WALL				WALL PANEL 6" THICK F/F							
P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P2) 77" x 6" - WALL PANEL 6" THICK F/F - 2.00' HT x 6.42' LONG P1) 77" x 6" - WALL PANEL 6" THICK F/F - 2.00' HT x 6.42' LONG 1) Hole - 2					1398 lb 932 lb 932 lb0 lb Structure Total: 3261 lb		<u>Structure Notes:</u> 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETER = 4,000 PSI AT 28" DAYS. 3. SMOOTH FORM FINISH ON THE FRONT SURFACE. 4. 3/4" CHAMFER ON ALL LONG EDGES. REINFORCING PER ASTM A615 (GRADE 60). -VERTICAL BARS = #4 BARS AT 12" C/C -HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)				
Rim: 691' Rim to Invert: 1.5' Slack: 0" Sump: 66" 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											
(P3) (P2) (P1) << RIGHT-SIDE UP VIEW (int. dimensions)  UPSIDE-DOWN VIEW (int. dimensions) Note: See attached typical drawing for reinforcing and lifting details.											
INSIDE WALL DIMENSIONS (P1) 6'-5" (77") 24"											
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: Flat		Wall Thickness: 0" Floor Height: 0"		Height (Int): 24" Height (Ext): 24"		Weight (Net): 932 lb Volume (Net): 0.24cu.yd	



SIDE VIEW

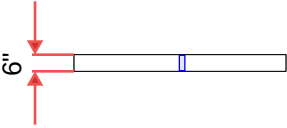
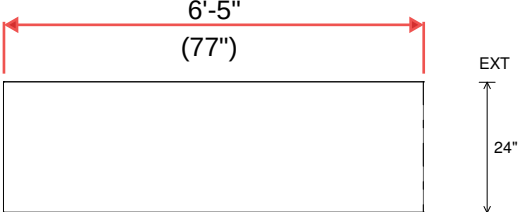


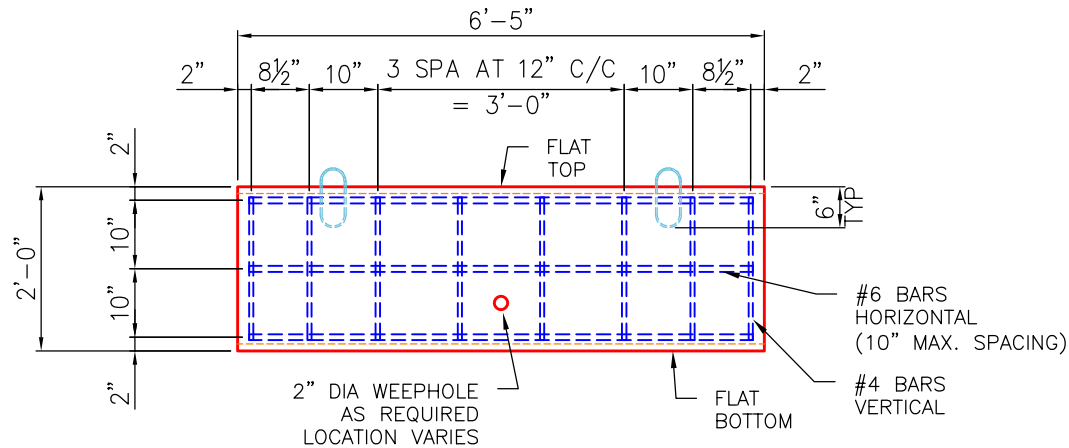
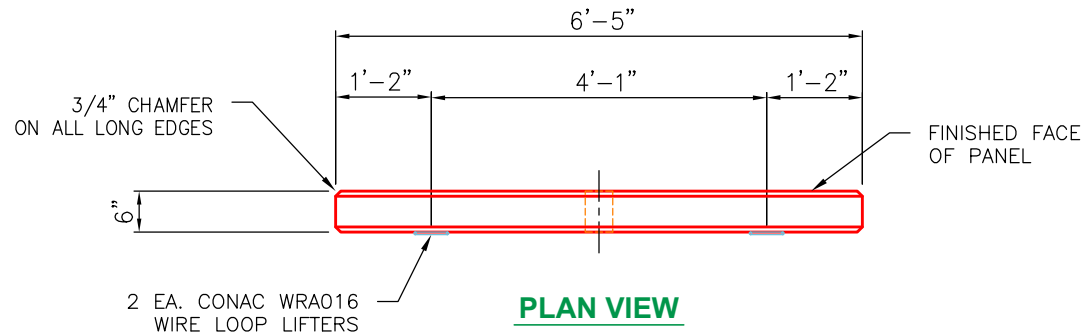
END VIEW

GENERAL NOTES:

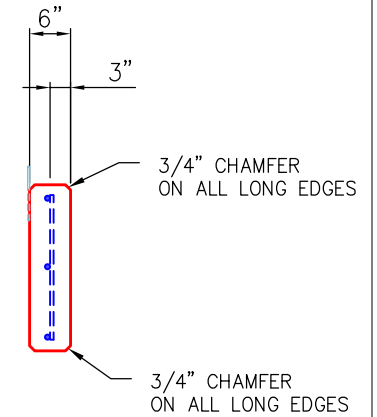
1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 914 LBS
6. 21 REQUIRED.

REVISION INFORMATION				SUBMITTAL DESCRIPTION: WALL PANEL 6.50' LG x 6" THK.	
REV. 	DATE:	NO REVISIONS TO DATE		CUSTOMER: HALL CONTRACTING OF KY INC.	
				PROJECT: MITCHELL HILL ROAD PROJECT	
				STRUCTURE ID.: WALL PANEL 6" THK (78" LG x 24" HT)	
				SALES ORDER NO: 26-1333	
				CHECK: B. SMITH	DRAWN BY: J. HORSLEY
				DATE: 04/20/26	SCALE: NTS PG. 1 of 1

Job Name: 26-1333 - Mitchell Hill Road Project Job Location: Louisville, KY 40118 Contractor: Hall Contracting of Kentucky Inc					Plant: 100 6/16/2026 1:23:35 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: WALL P22-P23											
P2 CUSTOM WALL				WALL PANEL 6" THICK F/F							
P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P2) 77" x 6" - WALL PANEL 6" THICK F/F - 2.00' HT x 6.42' LONG P1) 77" x 6" - WALL PANEL 6" THICK F/F - 2.00' HT x 6.42' LONG 1) Hole - 2						1398 lb 932 lb 932 lb 0 lb ----- Structure Total: 3261 lb		Structure Notes: . 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETER = 4,000 PSI AT 28" DAYS. 3. SMOOTH FORM FINISH ON THE FRONT SURFACE. 4. 3/4" CHAMFER ON ALL LONG EDGES. REINFORCING PER ASTM A615 (GRADE 60). -VERTICAL BARS = #4 BARS AT 12" C/C -HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)			
Rim: 691' Rim to Invert: 1.5' Slack: 0" Sump: 66" 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) (P3) (P2) << (P1)  Note: See attached typical drawing for reinforcing and lifting details. INSIDE WALL DIMENSIONS (P2) 											
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: Flat		Wall Thickness: 0" Floor Height: 0"		Height (Int): 24" Height (Ext): 24"		Weight (Net): 932 lb Volume (Net): 0.24cu.yd	



SIDE VIEW



END VIEW

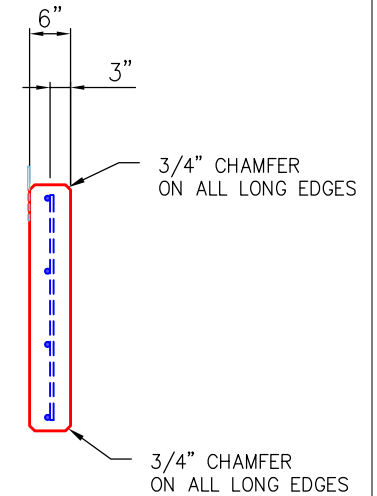
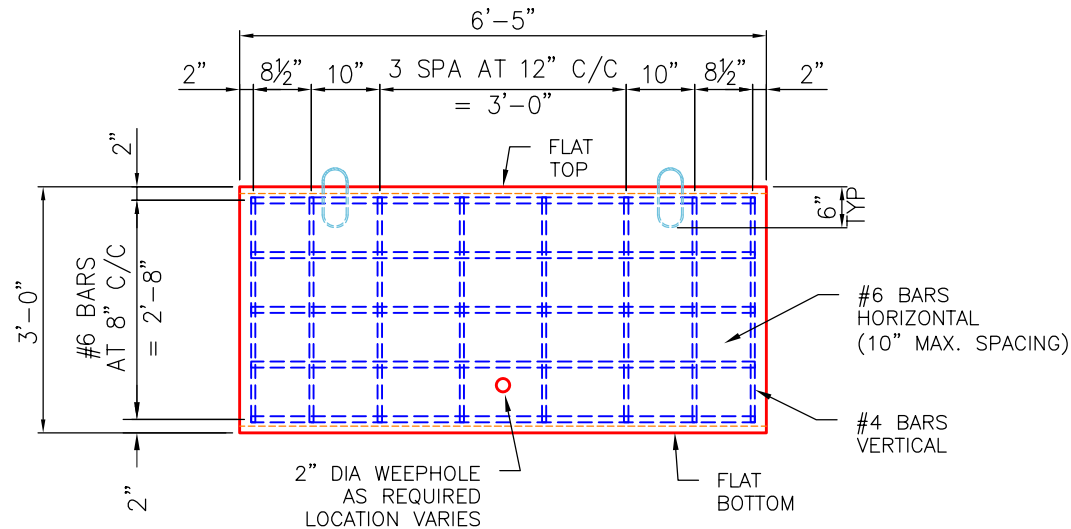
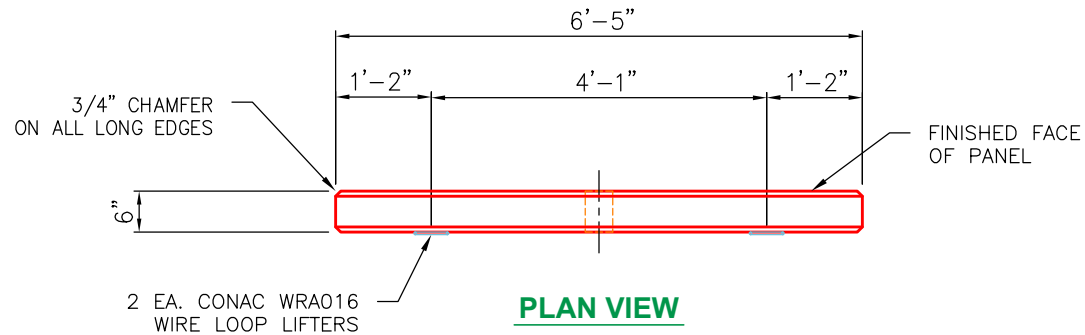
GENERAL NOTES:

1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 914 LBS
6. 21 REQUIRED.

REVISION INFORMATION				SUBMITTAL DESCRIPTION: WALL PANEL 6.50' LG x 6" THK.	
REV. 	DATE:	NO REVISIONS TO DATE		CUSTOMER: HALL CONTRACTING OF KY INC.	
				PROJECT: MITCHELL HILL ROAD PROJECT	
				STRUCTURE ID.: WALL PANEL 6" THK (78" LG x 24" HT)	
				SALES ORDER NO: 26-1333	
				CHECK: B. SMITH	DRAWN BY: J. HORSLEY
				DATE: 04/20/26	SCALE: NTS PG. 1 of 1



Weight (Net): 1398 lb
Volume (Net): 0.36cu.yd



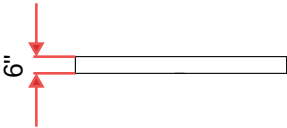
GENERAL NOTES:

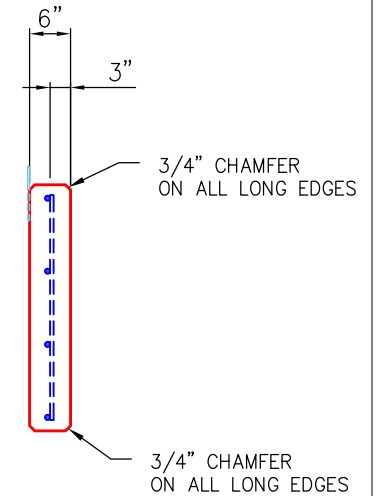
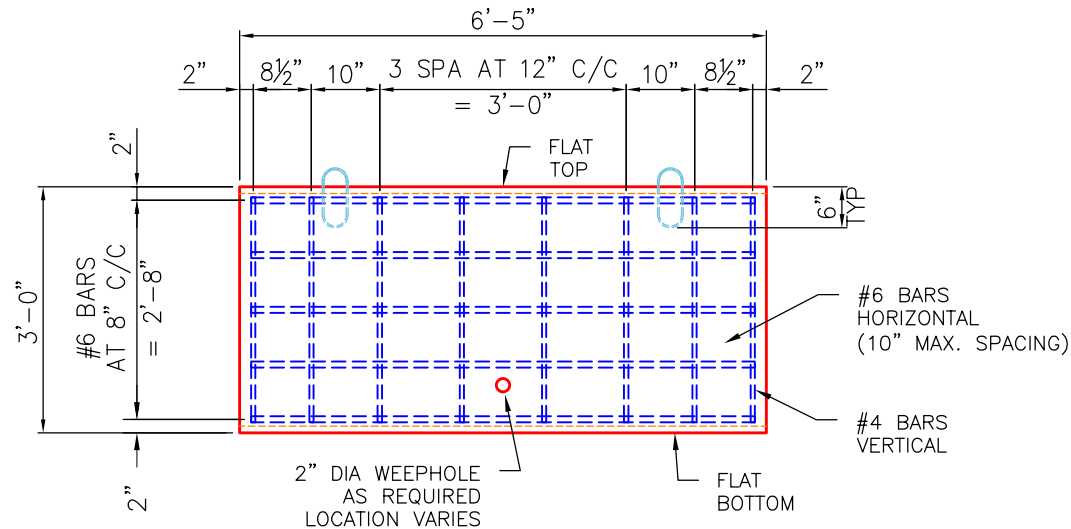
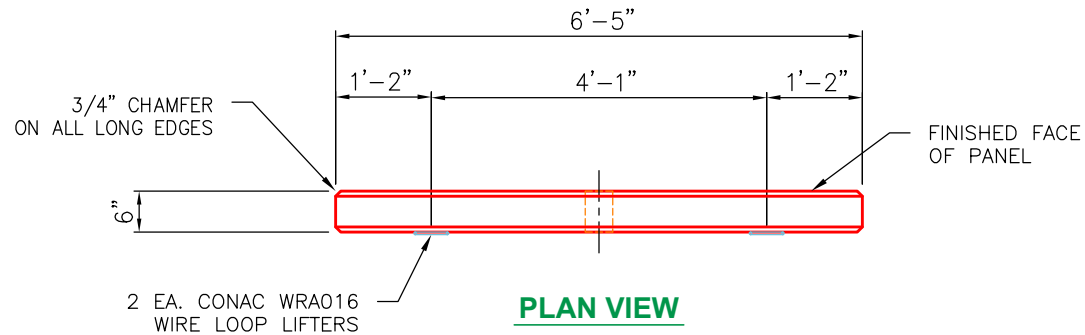
1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 1,413 LBS
6. 68 REQUIRED.

SIDE VIEW

END VIEW

REVISION INFORMATION				SUBMITTAL DESCRIPTION: WALL PANEL 6.50' LG x 6" THK.	
REV. 	DATE:	NO REVISIONS TO DATE		CUSTOMER: HALL CONTRACTING OF KY INC.	
				PROJECT: MITCHELL HILL ROAD PROJECT	
				STRUCTURE ID.: WALL PANEL 6" THK (78" LG x 36" HT)	
				SALES ORDER NO: 26-1333	
				CHECK: B. SMITH	DRAWN BY: J. HORSLEY
				DATE: 04/20/26	SCALE: NTS PG. 1 of 1

Job Name: 26-1333 - Mitchell Hill Road Project Job Location: Louisville, KY 40118 Contractor: Hall Contracting of Kentucky Inc					Plant: 100 6/16/2026 1:22:08 PM		Tech: J. Horsley PC: J. Jarvis										
Structure ID: WALL P21-P22																	
P1 CUSTOM WALL				WALL PANEL 6" THICK F/F													
P2) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG 1) Hole - 2					1398 lb 1398 lb ----- 0 lb Structure Total: 2795 lb		<u>Structure Notes:</u> 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETER = 4,000 PSI AT 28" DAYS. 3. SMOOTH FORM FINISH ON THE FRONT SURFACE. 4. 3/4" CHAMFER ON ALL LONG EDGES. REINFORCING PER ASTM A615 (GRADE 60). -VERTICAL BARS = #4 BARS AT 12" C/C -HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)										
Rim: 691'		Rim to Invert: 1.4'		Slack: 0"		Sump: 55.2"		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																	
(P2) (P1) << RIGHT-SIDE UP VIEW (int. dimensions)  UPSIDE-DOWN VIEW (int. dimensions) Note: See attached typical drawing for reinforcing and lifting details. INSIDE WALL DIMENSIONS (P1) 6'-5" (77") 36" <table><tr><td colspan="2">Coating (Int): Coating (Ext):</td><td>Seam Up: Flat Seam Dn: Flat</td><td>Wall Thickness: 0" Floor Height: 0"</td><td>Height (Int): 36" Height (Ext): 36"</td><td>Weight (Net): 1398 lb Volume (Net): 0.36cu.yd</td></tr></table>												Coating (Int): Coating (Ext):		Seam Up: Flat Seam Dn: Flat	Wall Thickness: 0" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 1398 lb Volume (Net): 0.36cu.yd
Coating (Int): Coating (Ext):		Seam Up: Flat Seam Dn: Flat	Wall Thickness: 0" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 1398 lb Volume (Net): 0.36cu.yd												



GENERAL NOTES:

1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 1,413 LBS
6. 68 REQUIRED.

SIDE VIEW

END VIEW

REVISION INFORMATION				SUBMITTAL DESCRIPTION: WALL PANEL 6.50' LG x 6" THK.	
REV. 	DATE:	NO REVISIONS TO DATE		CUSTOMER: HALL CONTRACTING OF KY INC.	
				PROJECT: MITCHELL HILL ROAD PROJECT	
				STRUCTURE ID.: WALL PANEL 6" THK (78" LG x 36" HT)	
				SALES ORDER NO: 26-1333	
				CHECK: B. SMITH	DRAWN BY: J. HORSLEY
				DATE: 04/20/26	SCALE: NTS PG. 1 of 1