

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:18 PM

PC: J. Jarvis



Structure ID: CBI 1902

P1 BX6060-08BAVF

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

- P4) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM SAG T/G - 18"
- P2) 60" x 60" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 60" x 60" - BOX BASE 8inW, 8inF, Variable Ht F/n - 51"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 60" x 60" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 44
- 1) Hole - 24
- 1) Hole - 38

- 3398 lb
- 5270 lb
- 3297 lb
- 10467 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C)
 CAST INTO TOP SLAB.

Structure Total: 22638 lb

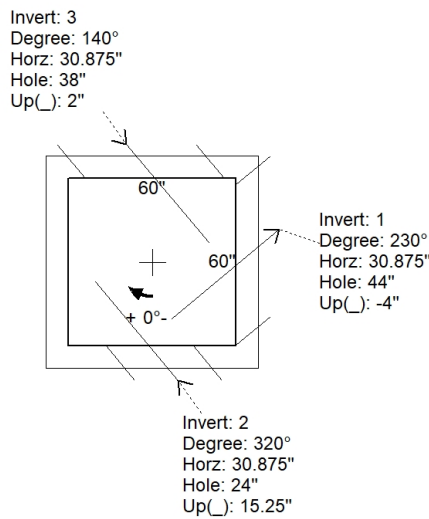
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 875.67' Rim to Invert: 7.24' Slack: -0.12" Sump: 0" Step Position:

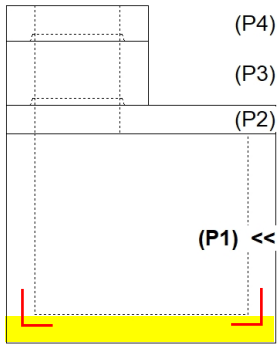
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	868.43'	230°	32.25"	36" HDPE	41.7"	Hole 44	44"	57.438"	-4"	20"
Invert 2	869.95'	320°	32.25"	18" HDPE	21.2"	Hole 24	24"	31.33"	15.25"	20"
Invert 3	868.93'	140°	32.25"	30" HDPE	35.1"	Hole 38	38"	49.605"	2"	20"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

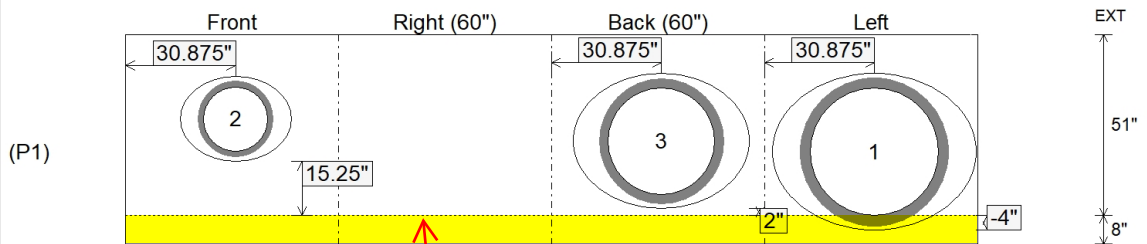
UPSIDE-DOWN VIEW (int. dimensions)



**1ST POUR (FLOOR) = 3,880 LBS
 2ND POUR (WALLS) = 6,587 LBS**



INSIDE WALL DIMENSIONS



**1ST POUR (FLOOR)
 STUB #5 L BARS OUT TOP
 OF FLOOR FOR
 CONNECTING WALLS**

**PLACE CONSEAL CS-231
 BETWEEN FLOOR & WALLS**

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 51" Height (Ext): 59"	Weight (Net): 10467 lb Volume (Net): 2.67cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:18 PM

PC: J. Jarvis



Structure ID: CBI 1902

P1A BX6060-08BAVF

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

- P4) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM SAG T/G - 18"
- P2) 60" x 60" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 60" x 60" - BOX BASE 8inW, 8inF, Variable Ht F/n - 51"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 60" x 60" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 44
- 1) Hole - 24
- 1) Hole - 38

- 3398 lb
- 5270 lb
- 3297 lb
- 10467 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C)
 CAST INTO TOP SLAB.

Structure Total: 22638 lb

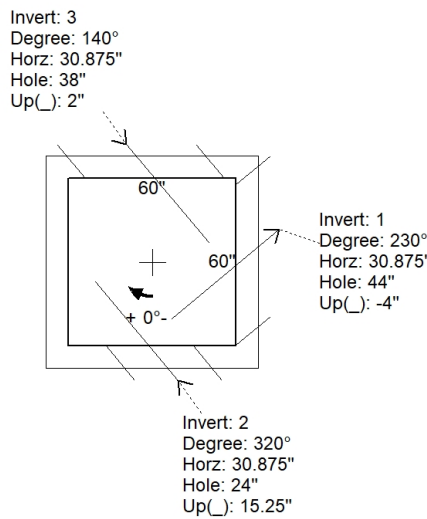
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 875.67' Rim to Invert: 7.24' Slack: -0.12" Sump: 0" Step Position:

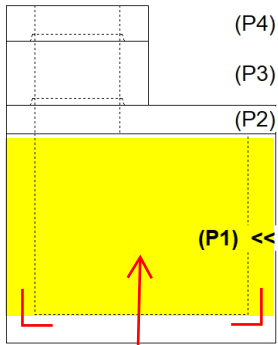
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	868.43'	230°	32.25"	36" HDPE	41.7"	Hole 44	44"	57.438"	-4"	20"
Invert 2	869.95'	320°	32.25"	18" HDPE	21.2"	Hole 24	24"	31.33"	15.25"	20"
Invert 3	868.93'	140°	32.25"	30" HDPE	35.1"	Hole 38	38"	49.605"	2"	20"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

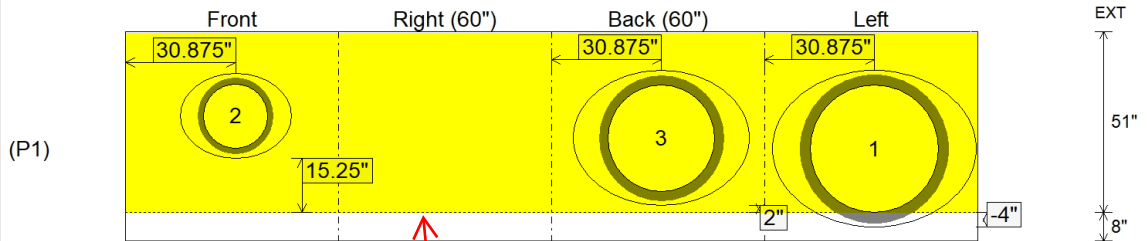
UPSIDE-DOWN VIEW (int. dimensions)



**1ST POUR (FLOOR) = 3,880 LBS
 2ND POUR (WALLS) = 6,587 LBS**



INSIDE WALL DIMENSIONS



**PLACE CONSEAL CS-231
 BETWEEN FLOOR & WALLS**

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 51" Height (Ext): 59"	Weight (Net): 10467 lb Volume (Net): 2.67cu.yd
----------------------------------	-------------------------------	--	--	---

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:00 PM

PC: J. Jarvis



Structure ID: CBI 1902

P2 BX060060-08TS024036

CB FT REDUCER 24"X36" HOLE T/F

- P4) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM SAG T/G - 18"
- P2) 60" x 60" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 60" x 60" - BOX BASE 8inW, 8inF, Variable Ht F/n - 51"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 60" x 60" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 44
- 1) Hole - 24
- 1) Hole - 38

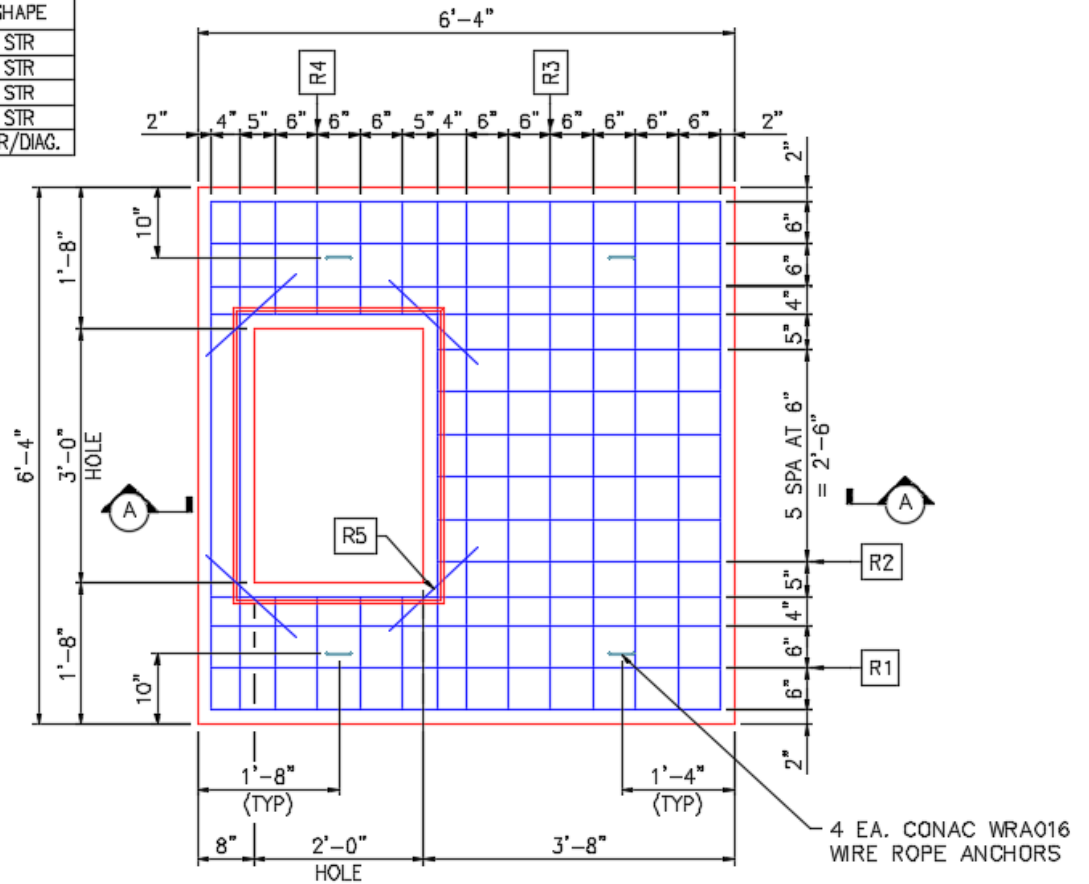
- 3398 lb
- 5270 lb
- 3297 lb
- 10467 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C)
 CAST INTO TOP SLAB.

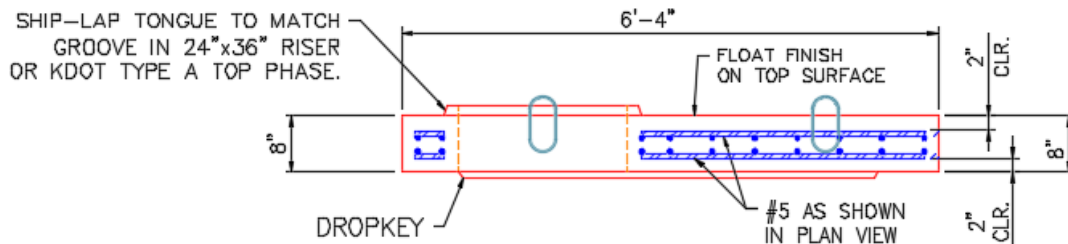
Structure Total: 22638 lb

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

REINFORCEMENT CUT LIST				
BAR	QTY	MATERIAL	LENGTH	SHAPE
R1	16	#5 BAR	6'-0"	STR
R2	12	#5 BAR	3'-4"	STR
R3	20	#5 BAR	6'-0"	STR
R4	16	#5 BAR	1'-4"	STR
R5	4	#5 BAR	1'-6"	STR/DIAG.



PLAN VIEW



SECTION A-A

Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 3297 lb
 Volume (Net): 0.84cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/17/2025 2:00:40 PM

PC: J. Jarvis



Structure ID: CBI 1903

P1 BX3636-08BAVF

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

- P4) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 58"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 38
- 1) Hole - 30

- 3398 lb
- 5270 lb
- 1235 lb
- 7622 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

Structure Total: 17731 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.
- 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C) CAST INTO TOP SLAB.

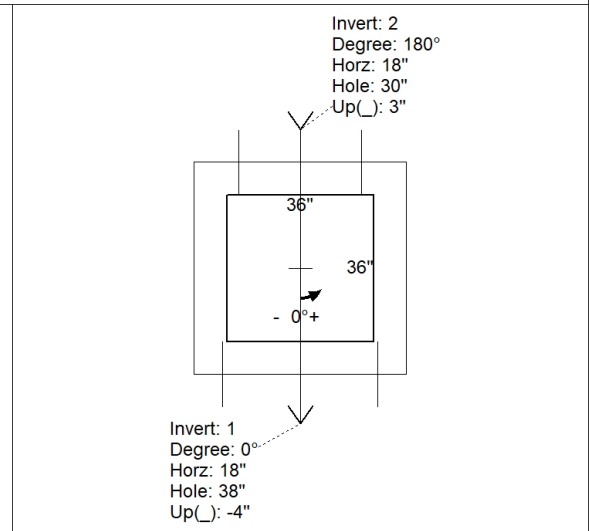
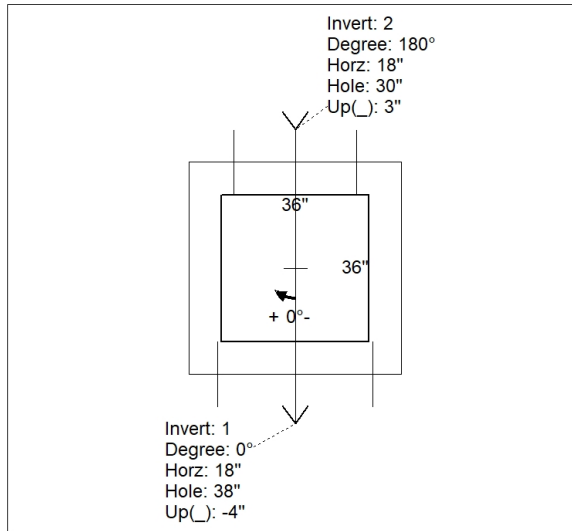
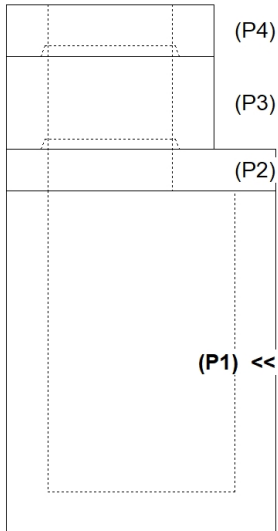
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 878.83' Rim to Invert: 7.87' Slack: 0.44" Sump: 0" Step Position:

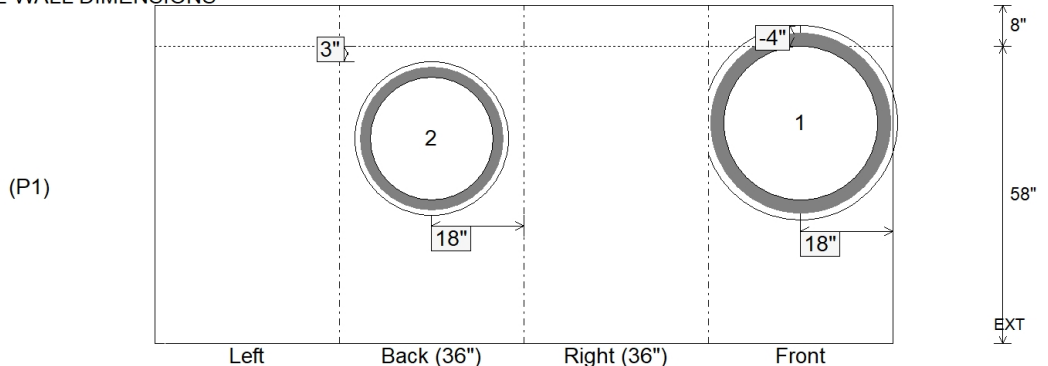
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	870.96'	0°	26"	30" HDPE	35.1"	Hole 38	38"	37"	-4"	0"
Invert 2	871.46'	180°	26"	24" HDPE	27.8"	Hole 30	30"	30"	3"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 58"
 Height (Ext): 66"

Weight (Net): 7622 lb
 Volume (Net): 1.95cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:37:00 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: CBI 1903

P2 BX036036-08TS024036

CB TRANSITION SLAB 24"X36" HOLE T/F

- P4) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 58"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 38
- 1) Hole - 30

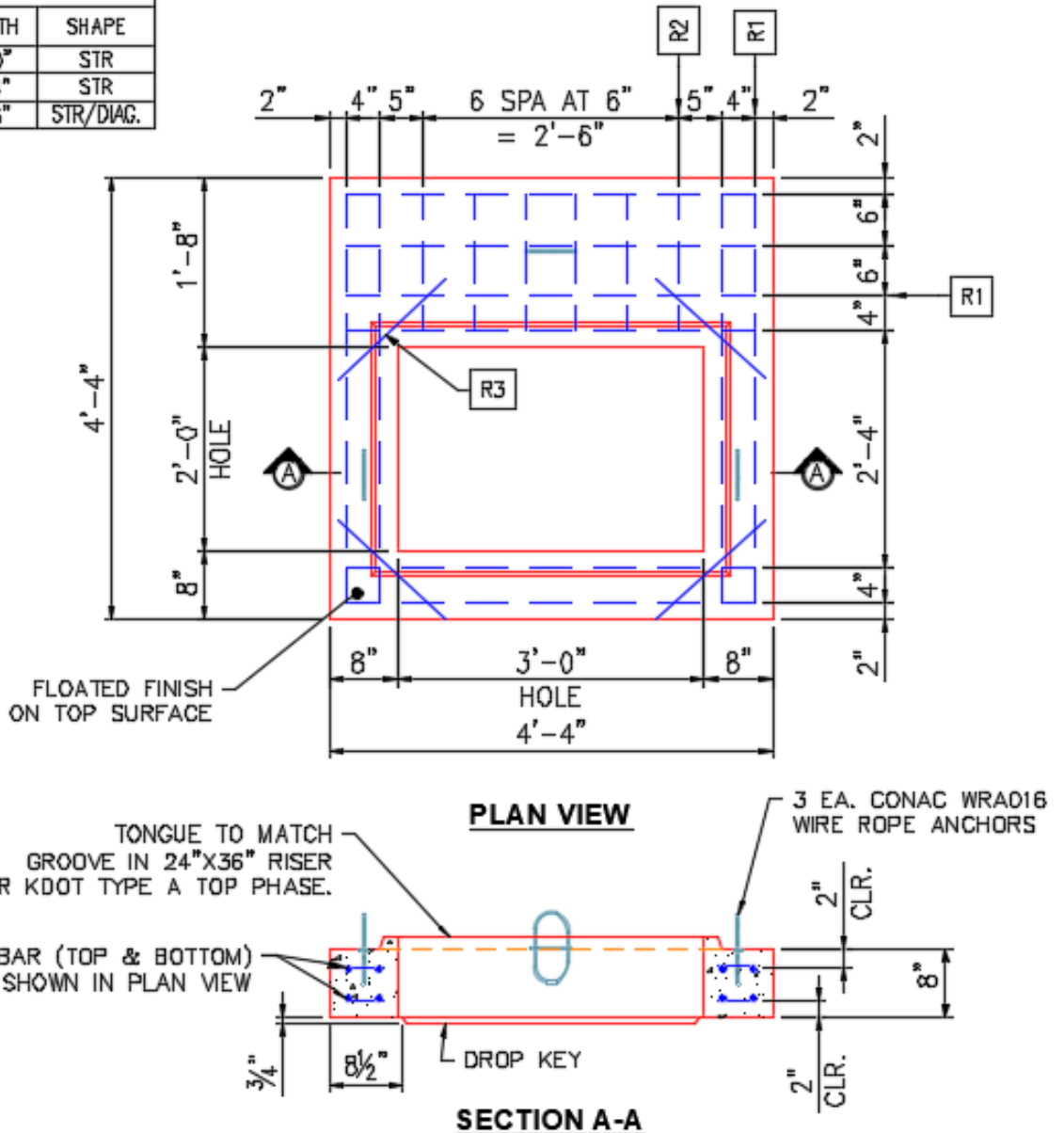
3398 lb
 5270 lb
 1235 lb
 7204 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 17313 lb

- Structure Notes:**
 ** KYTC STATE PROJECT **
1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C) CAST INTO TOP SLAB.

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

REINFORCEMENT CUT LIST				
BAR	QTY	MATERIAL	LENGTH	SHAPE
R1	20	#5 BAR	4'-0"	STR
R2	12	#5 BAR	1'-4"	STR
R3	4	#5 BAR	1'-6"	STR/DIAG.



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1235 lb
 Volume (Net): 0.32cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:19 PM

PC: J. Jarvis



Structure ID: CBI 1904

P1 BX3636-08BA48

BOX BASE 8inW, 8inF F/n

- P5) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 15"
- P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 48"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 24

3398 lb
 5270 lb
 1531 lb
 1235 lb
 6223 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 17862 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C)
 CAST INTO TOP SLAB.

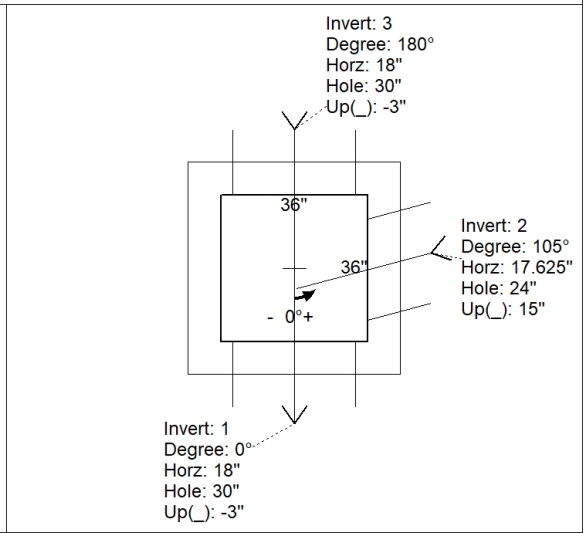
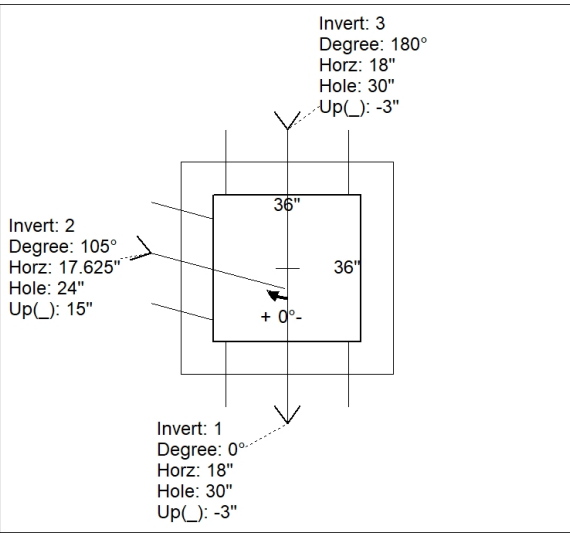
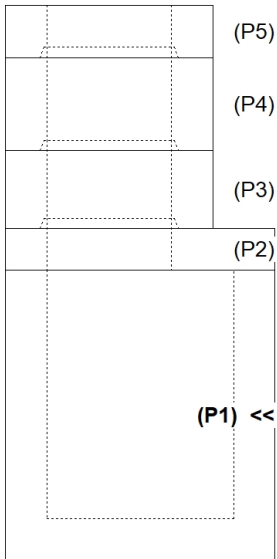
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 884.57' Rim to Invert: 8.3' Slack: 0.6" Sump: 0" Step Position:

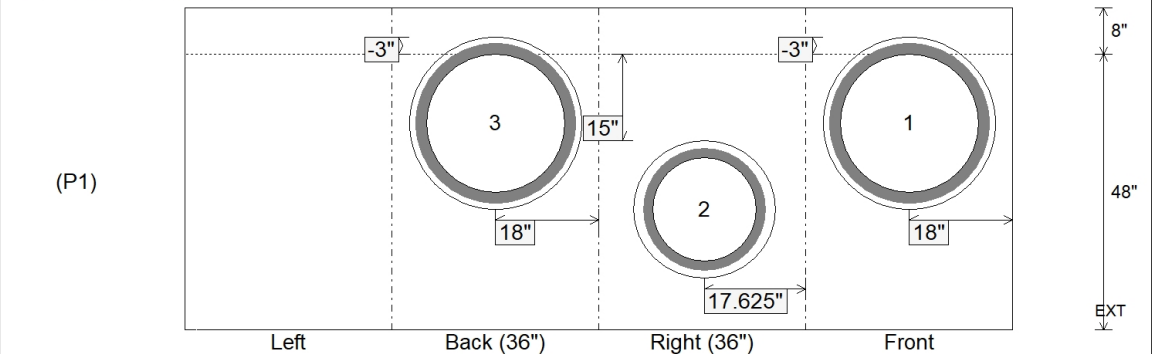
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	876.27'	0°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-3"	0"
Invert 2	877.77'	105°	27.75"	18" HDPE	21.2"	Hole 24	24"	24.847"	15"	-5"
Invert 3	876.27'	180°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-3"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 48"
 Height (Ext): 56"

Weight (Net): 6223 lb
 Volume (Net): 1.59cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:37:01 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: CBI 1904

P2 BX036036-08TS024036

CB TRANSITION SLAB 24"X36" HOLE T/F

- P5) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 15"
- P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 48"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 24

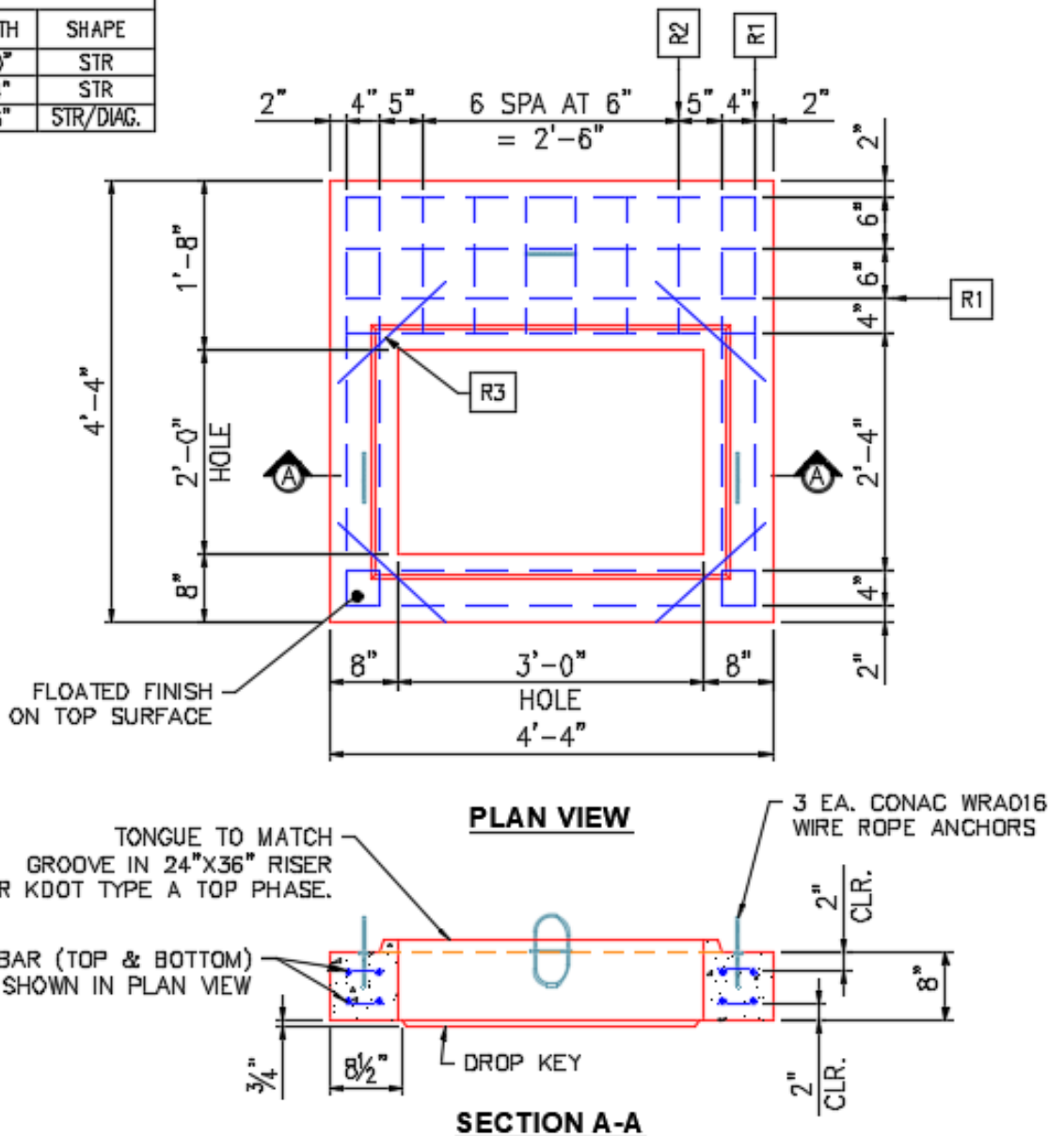
3398 lb
 5270 lb
 1531 lb
 1235 lb
 6223 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 17862 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C)
 CAST INTO TOP SLAB.

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

REINFORCEMENT CUT LIST				
BAR	QTY	MATERIAL	LENGTH	SHAPE
R1	20	#5 BAR	4'-0"	STR
R2	12	#5 BAR	1'-4"	STR
R3	4	#5 BAR	1'-6"	STR/DIAG.



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1235 lb
 Volume (Net): 0.32cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:14 PM

PC: J. Jarvis



Structure ID: CBI 1904

P3 BX2436-08R-VH

BOX RISER 8inW, Variable Ht T/G

- P5) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 15"
- P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 48"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 24

3398 lb
 5270 lb
 1531 lb
 1235 lb
 6223 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 17862 lb

Structure Notes:

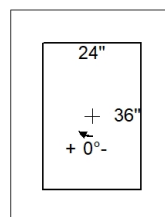
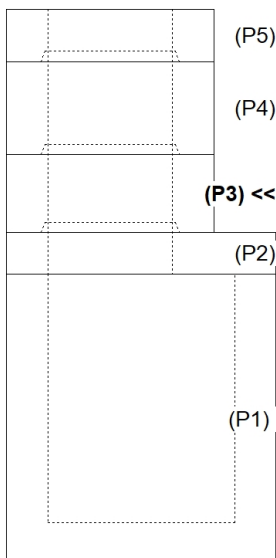
- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.
- 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C) CAST INTO TOP SLAB.

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

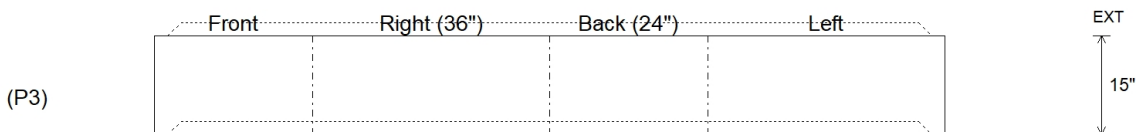
Rim: 884.57' Rim to Invert: 8.3' Slack: 0.6" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 8"
 Floor Height: 0"

Height (Int): 15"
 Height (Ext): 15"

Weight (Net): 1531 lb
 Volume (Net): 0.39cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:35:20 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: CBI 1906

P1 BX4836-08BAVF

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

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW T/G - 18"
- P2) 48" x 36" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 48" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 46"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 24

3400 lb
 5270 lb
 1837 lb
 1654 lb
 7051 lb
 206 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 19417 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

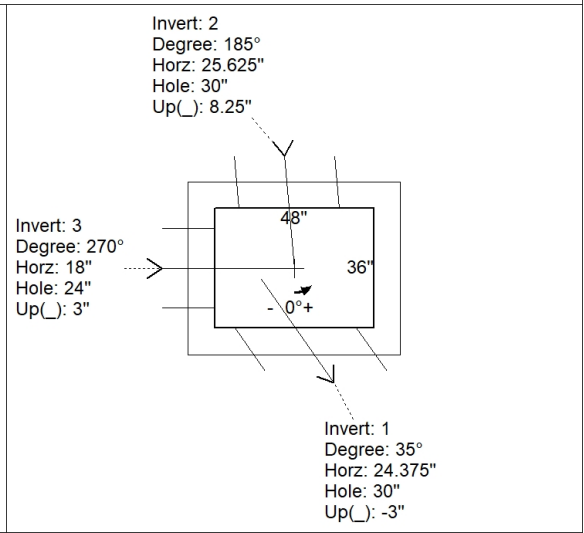
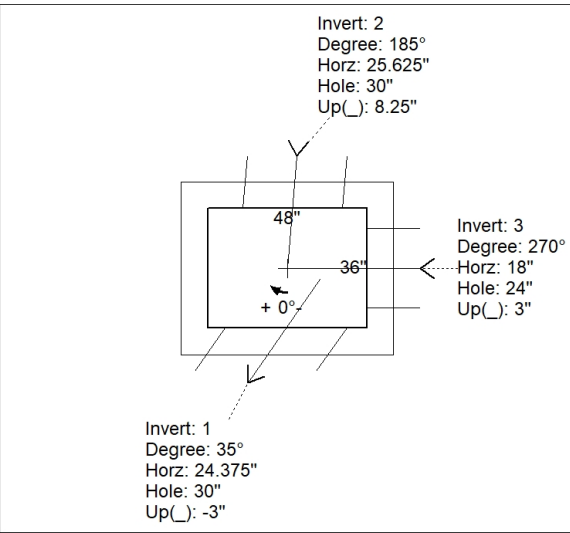
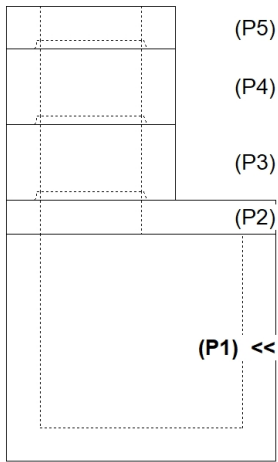
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 889.13' Rim to Invert: 8.35' Slack: 0.2" Sump: 0" Step Position:

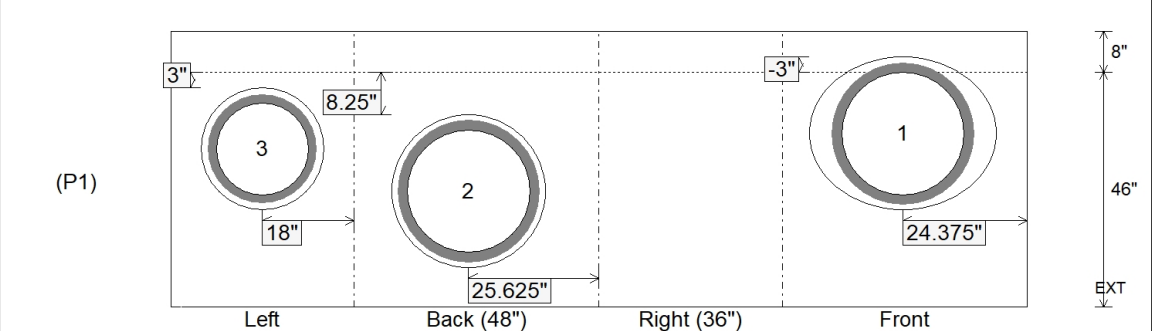
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	880.78'	35°	38"	24" HDPE	27.8"	Hole 30	30"	36.623"	-3"	-10"
Invert 2	881.72'	185°	34.25"	24" HDPE	27.8"	Hole 30	30"	30.115"	8.25"	0"
Invert 3	881.28'	270°	26"	18" HDPE	21.2"	Hole 24	24"	24"	3"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 46"
 Height (Ext): 54"

Weight (Net): 7051 lb
 Volume (Net): 1.8cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:01 PM

PC: J. Jarvis



Structure ID: CBI 1906

P2 BX048036-08TS024036

CB FT REDUCER 24"X36" HOLE T/F

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW T/G - 18"
- P2) 48" x 36" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 48" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 46"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 24

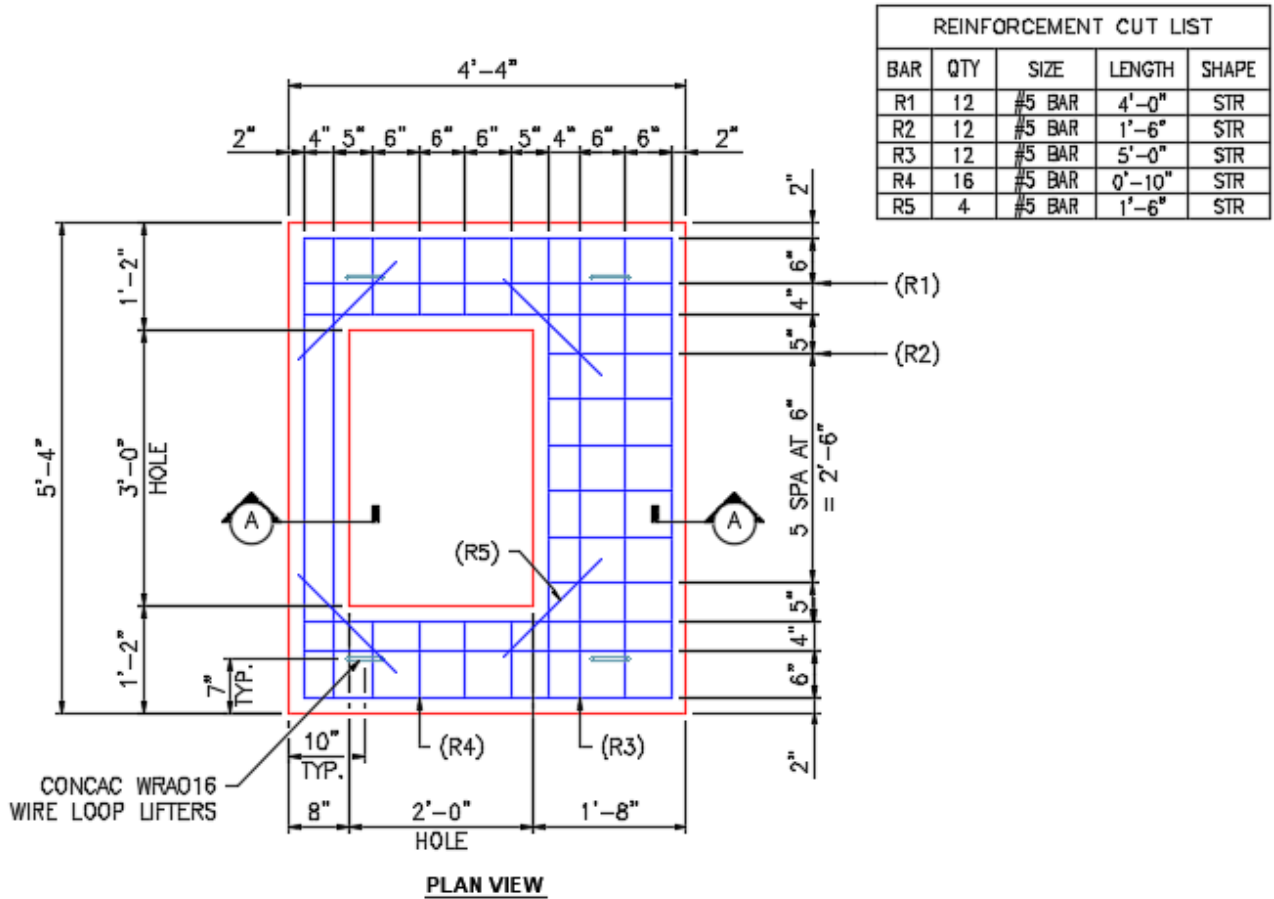
- 3400 lb
- 5270 lb
- 1837 lb
- 1654 lb
- 7051 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb

Structure Total: 19417 lb

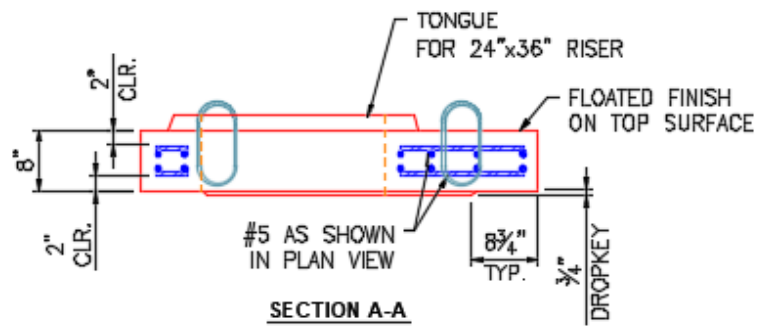
Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

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



REINFORCEMENT CUT LIST				
BAR	QTY	SIZE	LENGTH	SHAPE
R1	12	#5 BAR	4'-0"	STR
R2	12	#5 BAR	1'-6"	STR
R3	12	#5 BAR	5'-0"	STR
R4	16	#5 BAR	0'-10"	STR
R5	4	#5 BAR	1'-6"	STR



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 8"	Weight (Net): 1654 lb Volume (Net): 0.42cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:14 PM

PC: J. Jarvis



Structure ID: CBI 1906

P3 BX2436-08R18

BOX RISER 8inW T/G

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW T/G - 18"
- P2) 48" x 36" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 48" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 46"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 24

- 3400 lb
- 5270 lb
- 1837 lb
- 1654 lb
- 7051 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb

Structure Total: 19417 lb

Structure Notes:

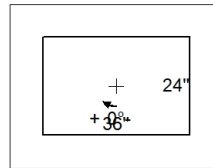
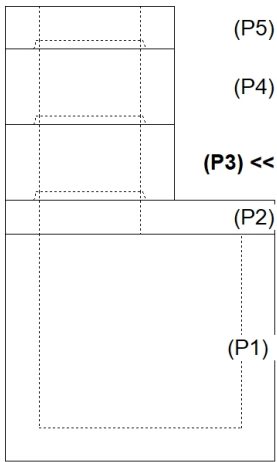
- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

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

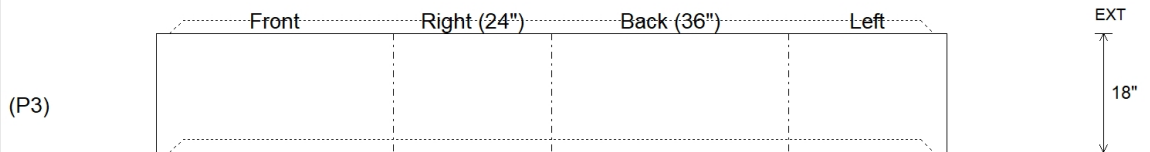
Rim: 889.13' Rim to Invert: 8.35' Slack: 0.2" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 8"
Floor Height: 0"

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

Weight (Net): 1837 lb
Volume (Net): 0.47cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:20 PM

PC: J. Jarvis



Structure ID: CBI 1907

P1 BX2436-08BA48

BOX BASE 8inW, 8inF T/n

- P4) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P2) 24" x 36" - BOX RISER 8inW T/G - 24"
- P1) 24" x 36" - BOX BASE 8inW, 8inF T/n - 48"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 24
- 1) Hole - 20

3398 lb
 5270 lb
 2449 lb
 5855 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 17177 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

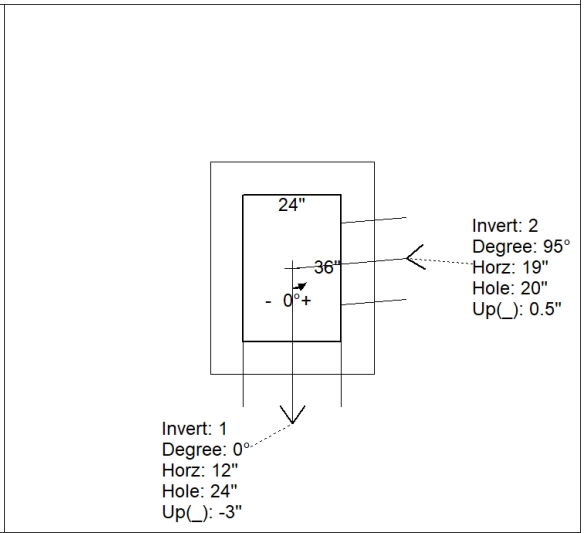
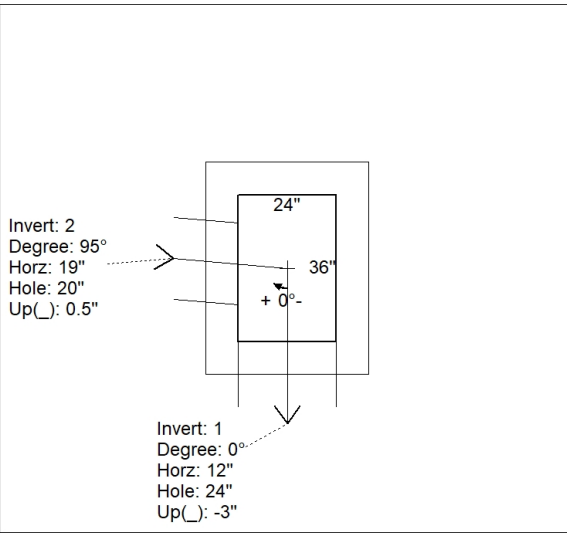
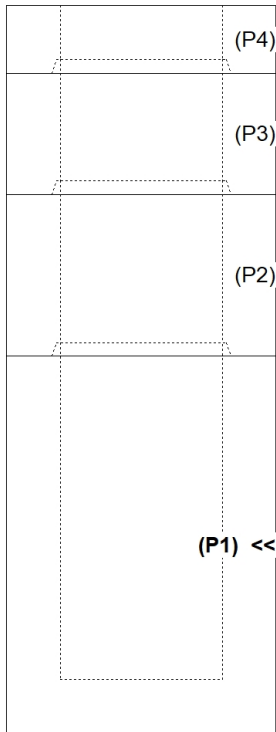
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 891.77' Rim to Invert: 8.35' Slack: 0.2" Sump: 0" Step Position:

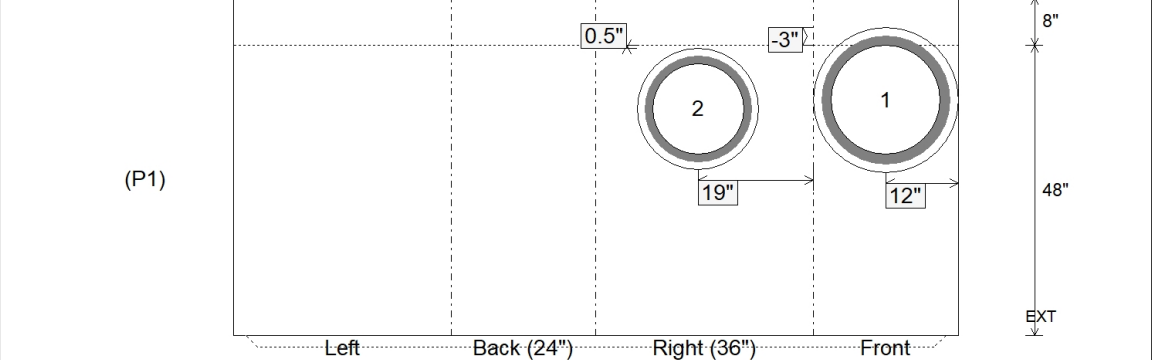
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	883.42'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-3"	0"
Invert 2	883.67'	95°	27.75"	15" HDPE	17.6"	Hole 20	20"	20.076"	0.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 48" Height (Ext): 56"	Weight (Net): 5855 lb Volume (Net): 1.5cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:14 PM

PC: J. Jarvis



Structure ID: CBI 1907

P2 BX2436-08R24

BOX RISER 8inW T/G

- P4) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P2) 24" x 36" - BOX RISER 8inW T/G - 24"
- P1) 24" x 36" - BOX BASE 8inW, 8inF T/n - 48"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 24
- 1) Hole - 20

- 3398 lb
- 5270 lb
- 2449 lb
- 5855 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb

Structure Total: 17177 lb

Structure Notes:

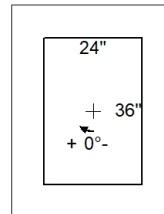
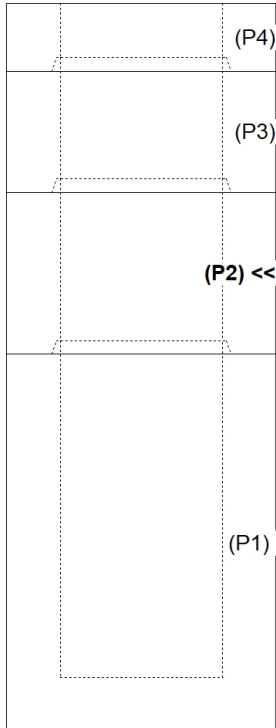
- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

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

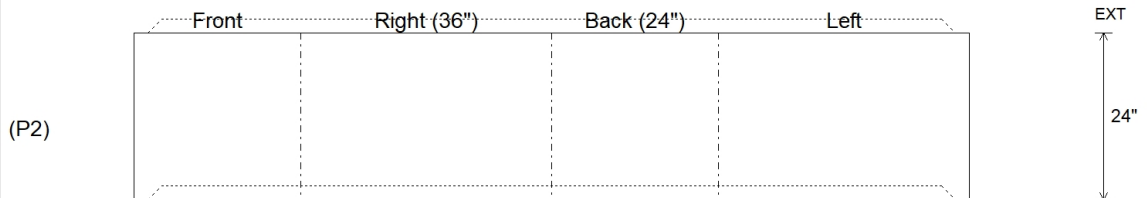
Rim: 891.77' Rim to Invert: 8.35' Slack: 0.2" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 8"
Floor Height: 0"

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

Weight (Net): 2449 lb
Volume (Net): 0.63cu.yd

Structure ID: CBI 1908

P1 BX2436-08BVF

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

P4) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10" P3) 24" x 120" - CB INLET KY A 10' BOTTOM SAG T/G - 18" P2) 24" x 36" - BOX RISER 8inW T/G - 18" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 46" 1) CASTING - HOE KY-206 F/C (KY TY1) 2) 24" x 36" - Conseal CS-102 1.00" 2) Hole - 20	3398 lb 5270 lb 1837 lb 5646 lb 206 lb 0 lb 0 lb ----- Structure Total: 16357 lb
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Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.

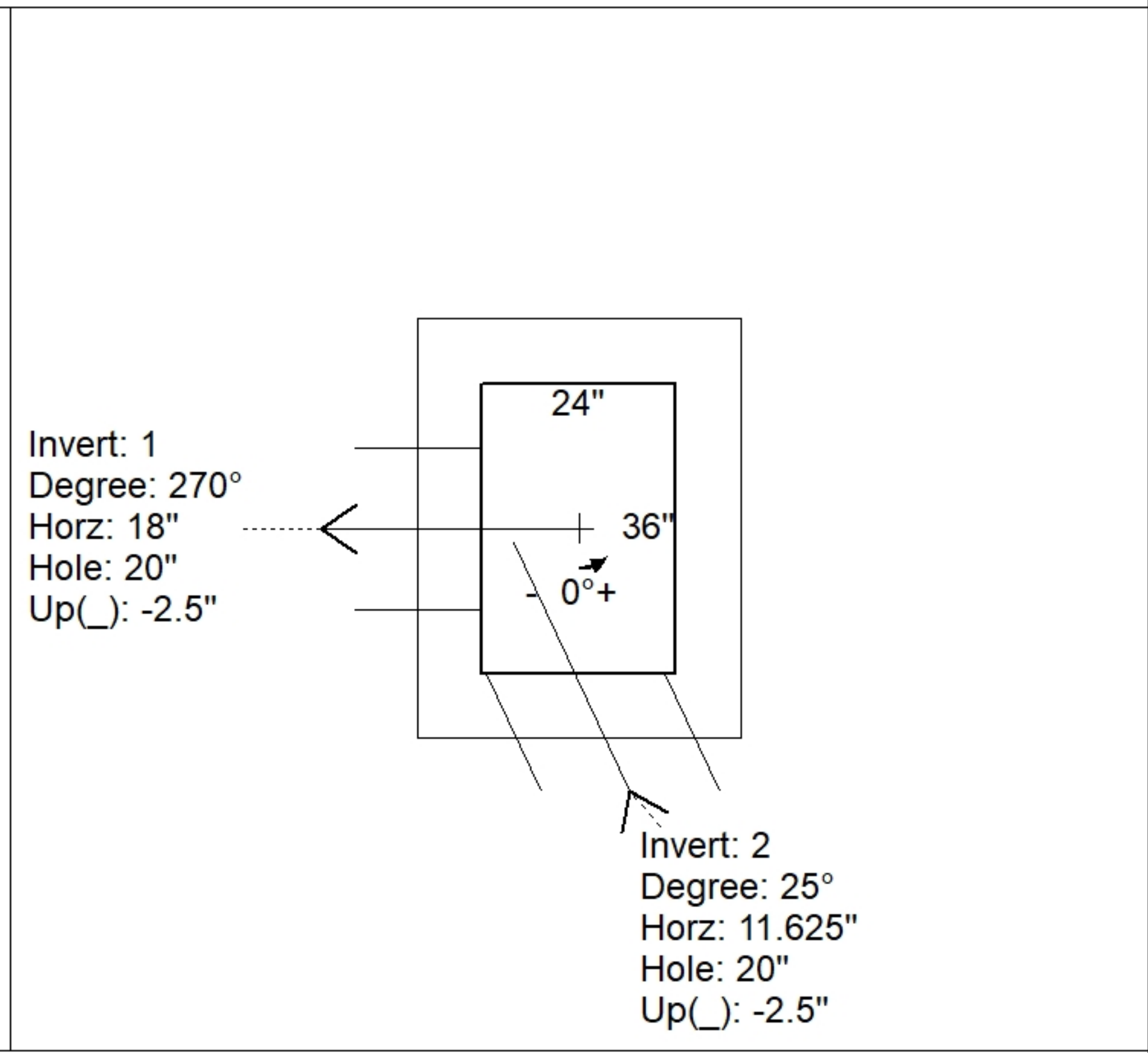
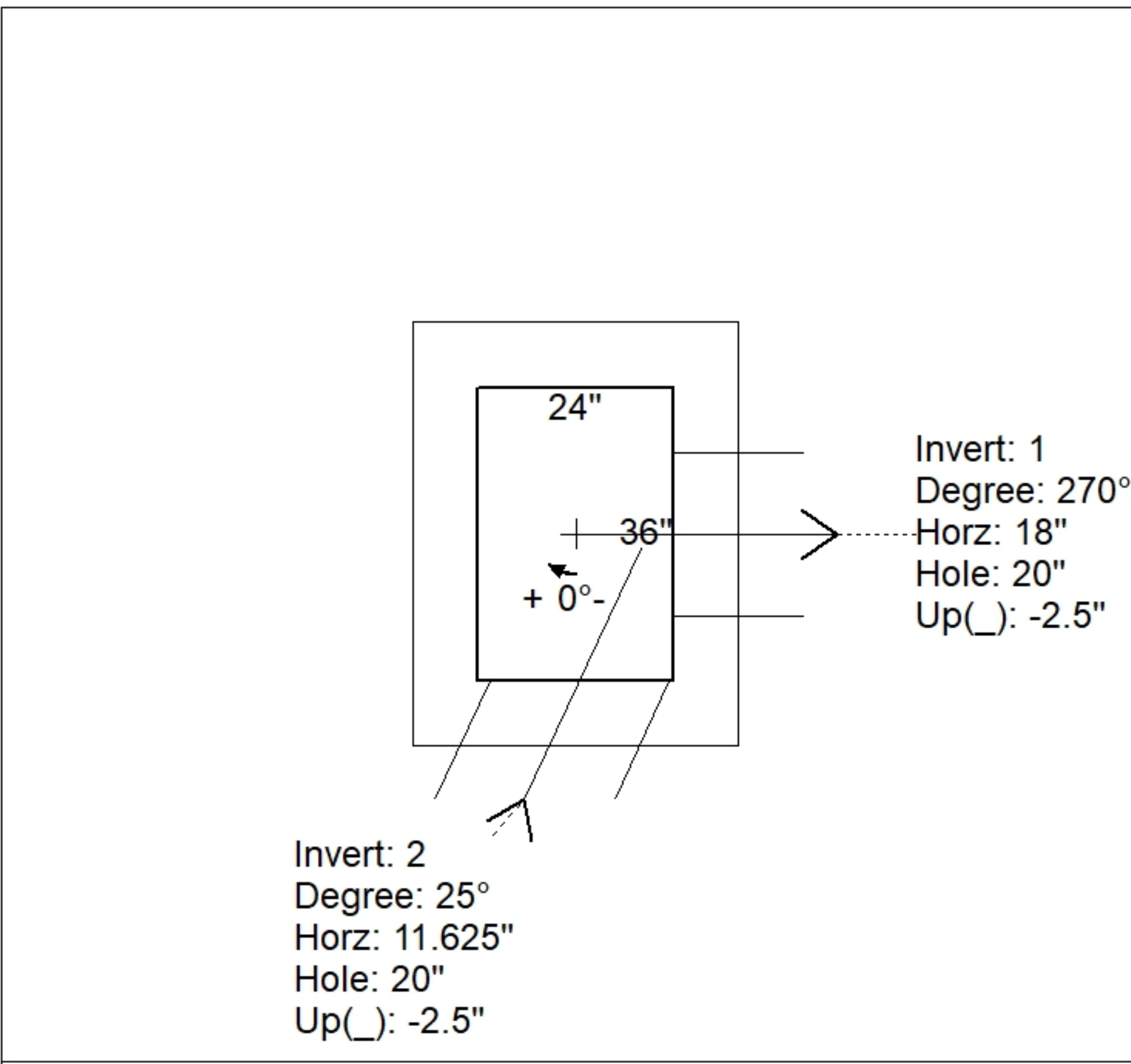
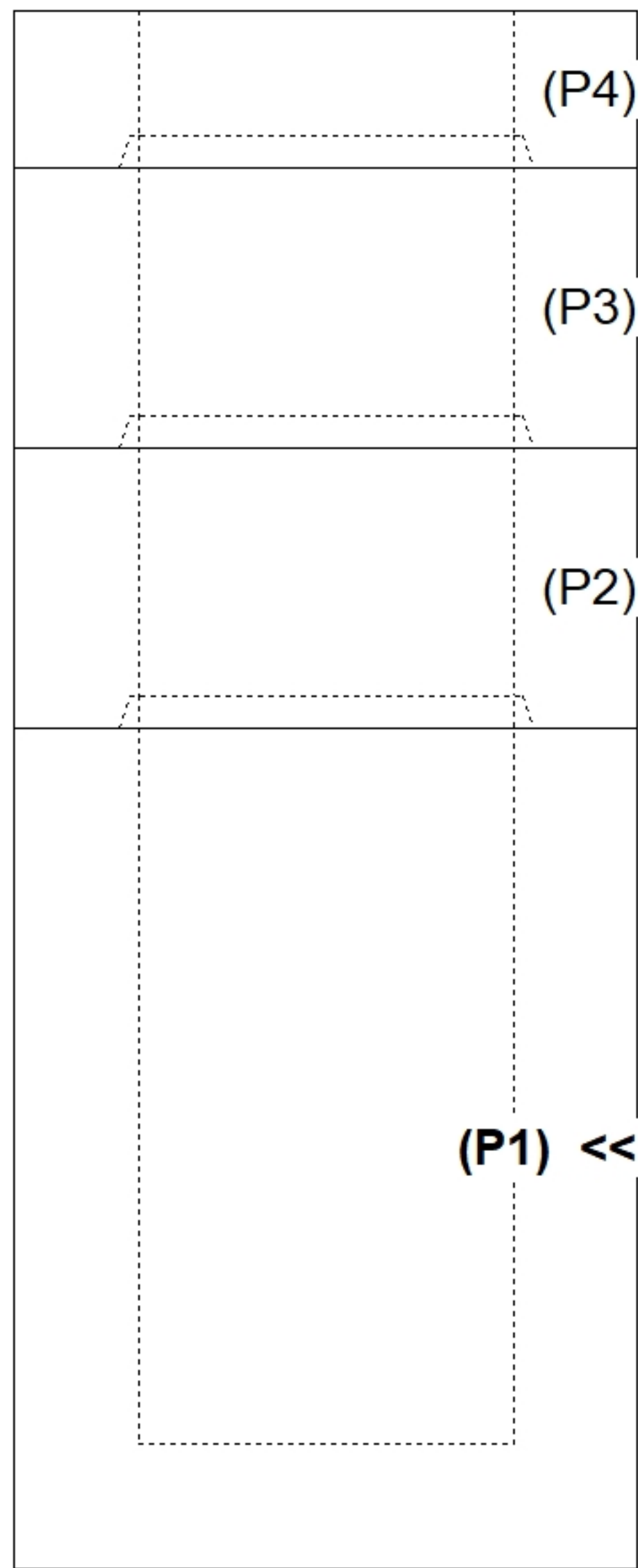
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 891.83' Rim to Invert: 7.65' Slack: -0.2" Sump: 0" Step Position:

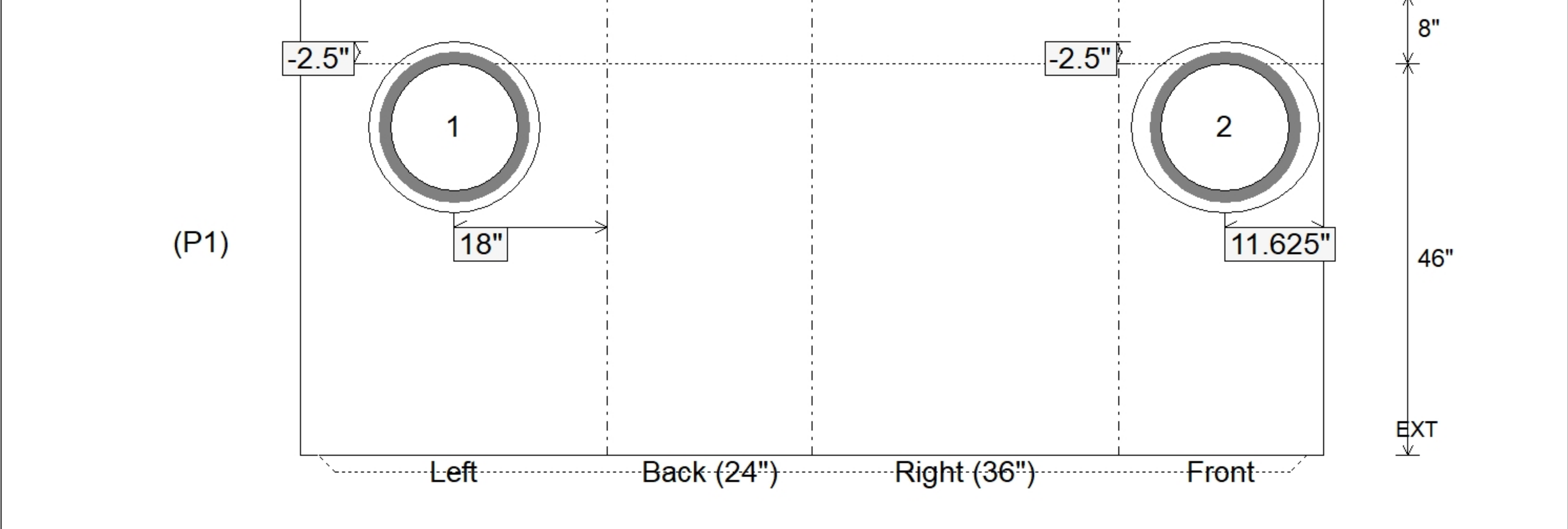
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	884.18'	270°	26"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2	884.18'	25°	23.25"	15" HDPE	17.6"	Hole 20	20"	22.068"	-2.5"	-8"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 46" Height (Ext): 54"	Weight (Net): 5646 lb Volume (Net): 1.44cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:15 PM

PC: J. Jarvis



Structure ID: CBI 1908

P2 BX2436-08R18

BOX RISER 8inW T/G

- P4) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM SAG T/G - 18"
- P2) 24" x 36" - BOX RISER 8inW T/G - 18"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 46"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 20

- 3398 lb
- 5270 lb
- 1837 lb
- 5646 lb
- 206 lb
- 0 lb
- 0 lb

Structure Total: 16356 lb

Structure Notes:

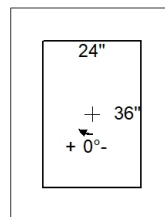
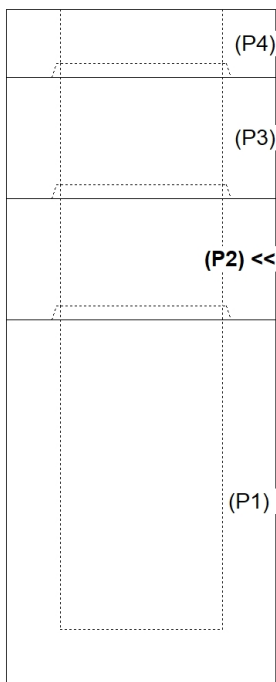
- ** KYTC STATE PROJECT ****
1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.

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

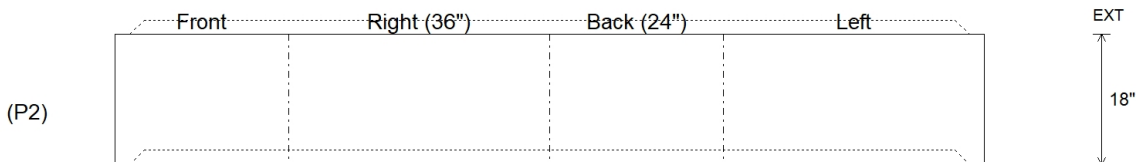
Rim: 891.83' Rim to Invert: 7.65' Slack: -0.2" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 8"
Floor Height: 0"

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

Weight (Net): 1837 lb
Volume (Net): 0.47cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:21 PM

PC: J. Jarvis



Structure ID: CBI 1909

P1 BX2436-08BVF

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

- P4) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P2) 24" x 36" - BOX RISER 8inW T/G - 36"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 27"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 20

3400 lb
 5270 lb
 3462 lb
 3919 lb
 206 lb
 0 lb
 0 lb

Structure Total: 16257 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

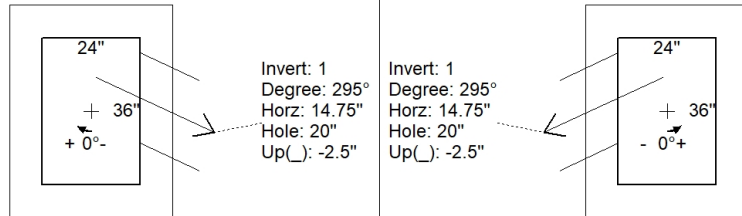
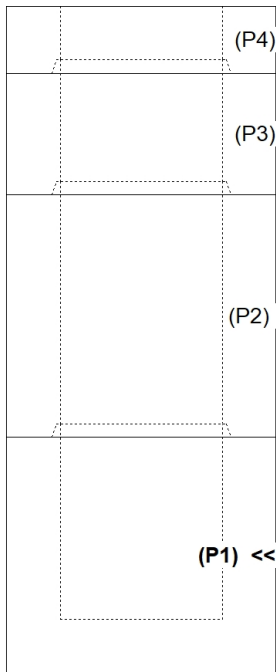
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 892.89' Rim to Invert: 7.6' Slack: 0.2" Sump: 0" Step Position:

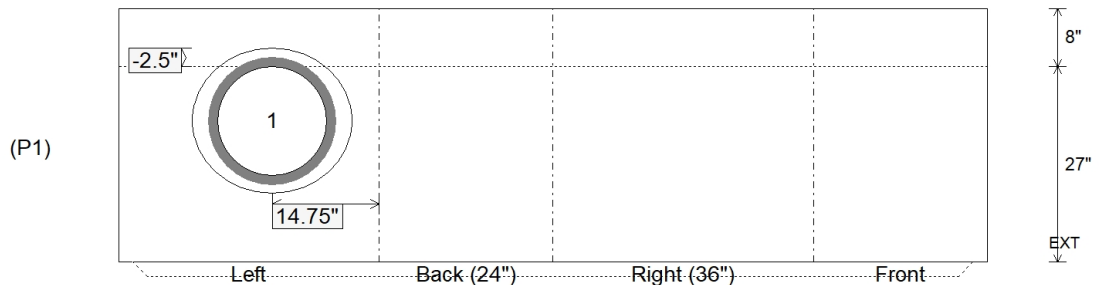
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	885.29'	295°	26.5"	15" HDPE	17.6"	Hole 20	20"	22.068"	-2.5"	-8"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

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: 8"
 Floor Height: 8"

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

Weight (Net): 3919 lb
 Volume (Net): 1cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:15 PM

PC: J. Jarvis



Structure ID: CBI 1909

P2 BX2436-08R36

BOX RISER 8inW T/G

- P4) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P2) 24" x 36" - BOX RISER 8inW T/G - 36"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 27"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 20"

3400 lb
 5270 lb
 3462 lb
 3919 lb
 206 lb
 0 lb
 0 lb

Structure Total: 16257 lb

Structure Notes:

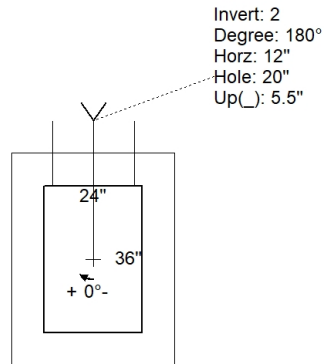
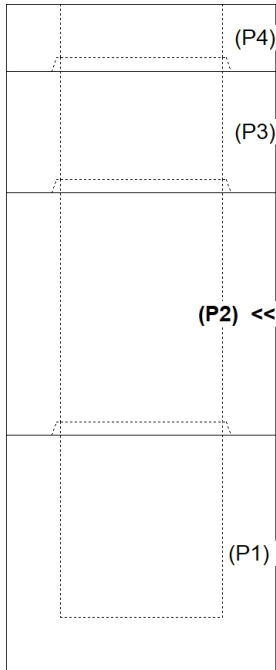
- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

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

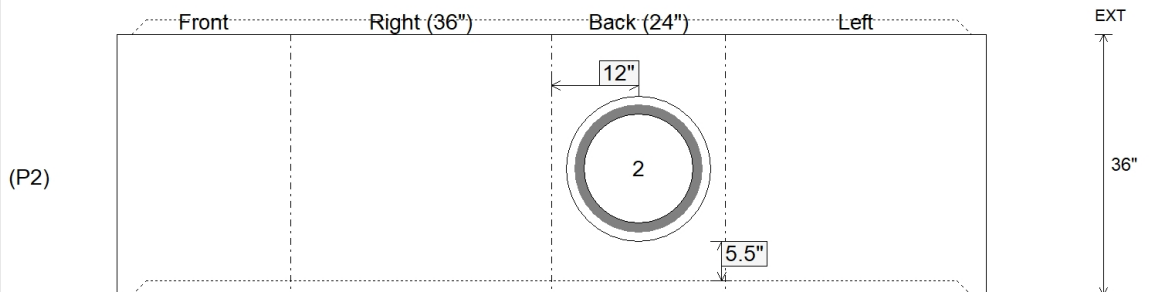
Rim: 892.89' Rim to Invert: 7.6' Slack: 0.2" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2	888.37'	180°	20"	15" HDPE	17.6"	Hole 20	20"	20"	5.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 8"
 Floor Height: 0"

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

Weight (Net): 3462 lb
 Volume (Net): 0.88cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:22 PM

PC: J. Jarvis



Structure ID: CBI 1911

P1 BX2436-08BVF

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

- P3) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P2) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 33"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 20"

3398 lb
 5270 lb
 4342 lb
 206 lb
 0 lb
 0 lb

Structure Total: 13216 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

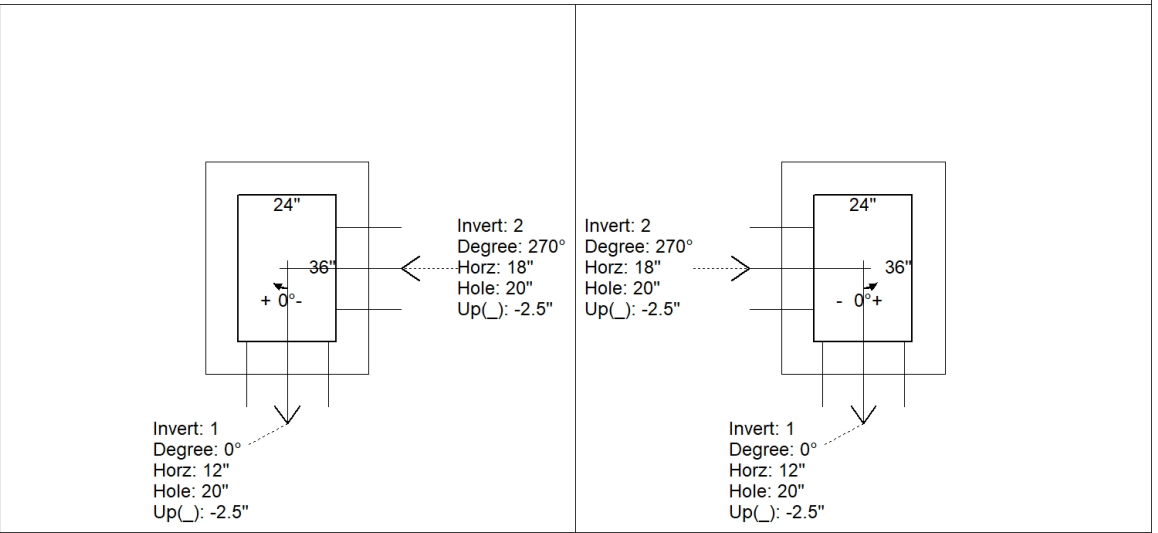
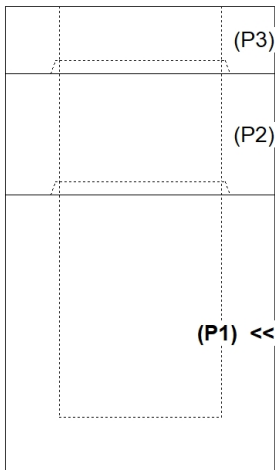
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 902.14' Rim to Invert: 5.14' Slack: 0.68" Sump: 0" Step Position:

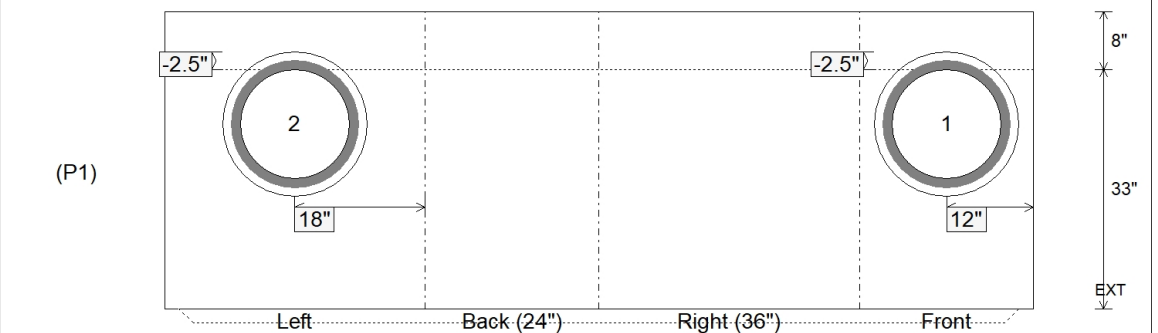
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	897'	0°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2	897'	270°	26"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 33"
 Height (Ext): 41"

Weight (Net): 4342 lb
 Volume (Net): 1.11cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:23 PM

PC: J. Jarvis



Structure ID: CBI 1912

P1 BX2436-08BVF

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

- P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 31"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 20

3400 lb
 5270 lb
 4349 lb
 206 lb
 0 lb
 0 lb

Structure Total: 13224 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

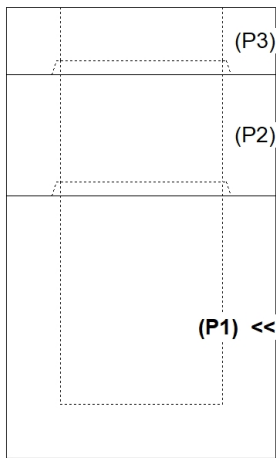
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 902.14' Rim to Invert: 4.97' Slack: 0.64" Sump: 0" Step Position:

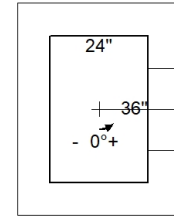
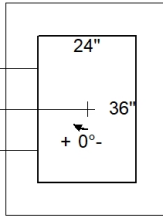
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	897.17'	90°	26"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

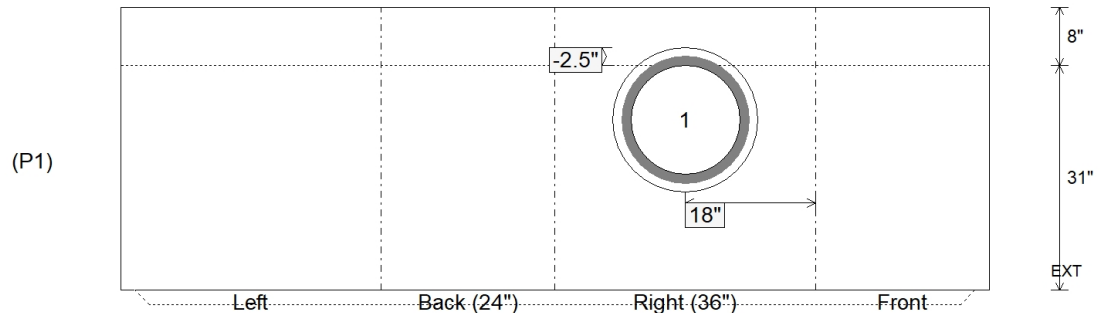


Invert: 1
 Degree: 90°
 Horz: 18"
 Hole: 20"
 Up(): -2.5"



Invert: 1
 Degree: 90°
 Horz: 18"
 Hole: 20"
 Up(): -2.5"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 31"
 Height (Ext): 39"

Weight (Net): 4349 lb
 Volume (Net): 1.11cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:23 PM

PC: J. Jarvis



Structure ID: CBI 2001

P1 BX3636-08BA60

BOX BASE 8inW, 8inF F/n

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 25"
- P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 60"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30"

- 3400 lb
- 5270 lb
- 2551 lb
- 1235 lb
- 7925 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
-
- Structure Total: 20586 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

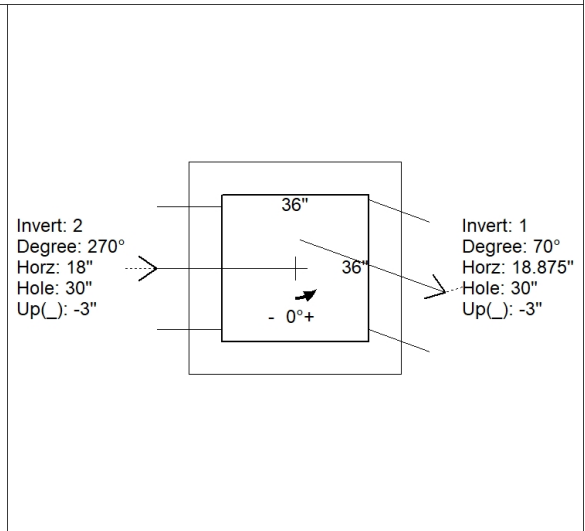
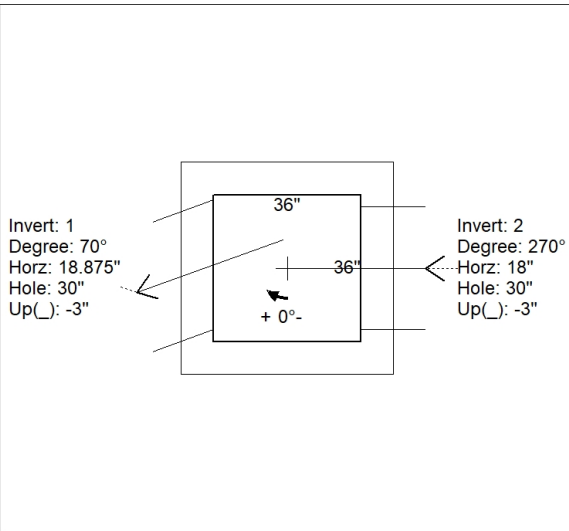
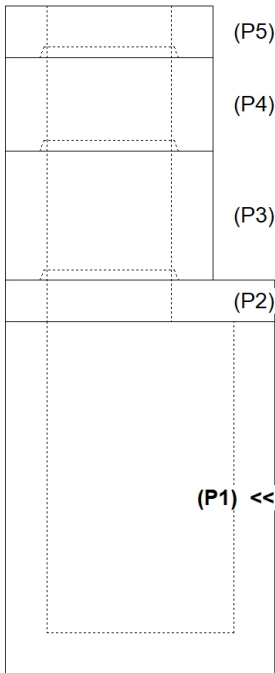
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 881.15' Rim to Invert: 10.11' Slack: 0.32" Sump: 0" Step Position:

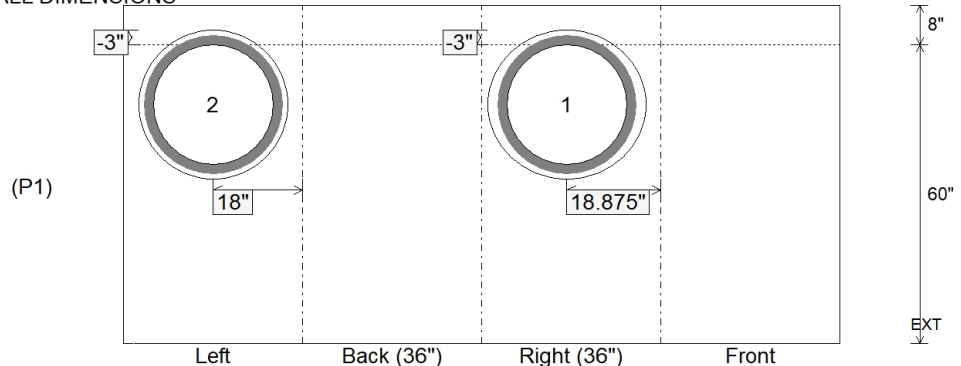
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	871.04'	70°	24"	24" HDPE	27.8"	Hole 30	30"	31.925"	-3"	7"
Invert 2	871.04'	270°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-3"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

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

Weight (Net): 7925 lb
 Volume (Net): 2.02cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:02 PM

PC: J. Jarvis



Structure ID: CBI 2001

P2 BX036036-08TS024036

CB TRANSITION SLAB 24"X36" HOLE T/F

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 25"
- P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 60"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30

- 3400 lb
- 5270 lb
- 2551 lb
- 1235 lb
- 7925 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
-

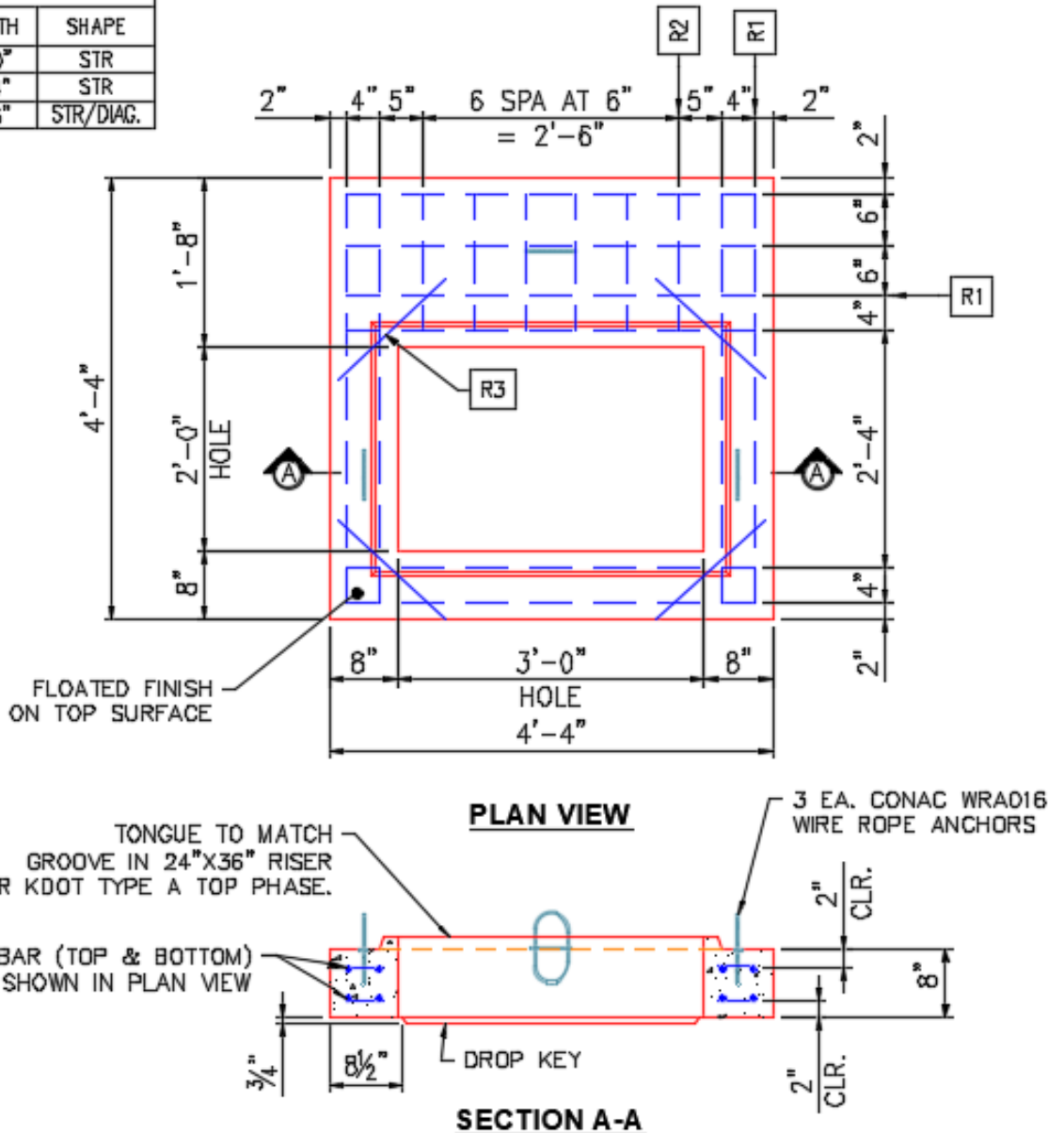
Structure Total: 20586 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

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

REINFORCEMENT CUT LIST				
BAR	QTY	MATERIAL	LENGTH	SHAPE
R1	20	#5 BAR	4'-0"	STR
R2	12	#5 BAR	1'-4"	STR
R3	4	#5 BAR	1'-6"	STR/DIAG.



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1235 lb
 Volume (Net): 0.32cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:15 PM

PC: J. Jarvis



Structure ID: CBI 2001

P3 BX2436-08R-VH

BOX RISER 8inW, Variable Ht T/G

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 25"
- P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 60"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 30

- 3400 lb
- 5270 lb
- 2551 lb
- 1235 lb
- 7925 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
-

Structure Total: 20586 lb

Structure Notes:

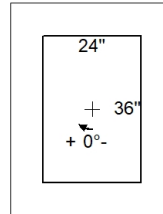
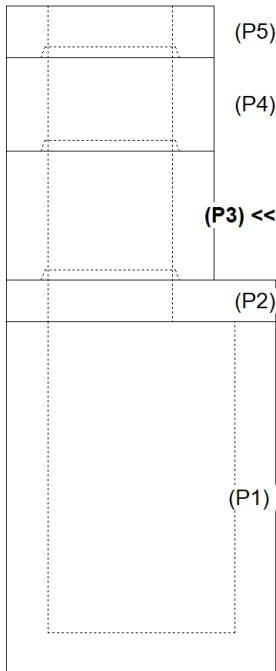
- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

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

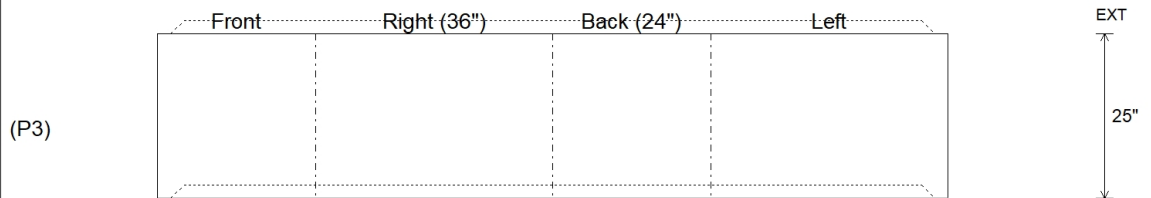
Rim: 881.15' Rim to Invert: 10.11' Slack: 0.32" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 8"
Floor Height: 0"

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

Weight (Net): 2551 lb
Volume (Net): 0.65cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:24 PM

PC: J. Jarvis



Structure ID: CBI 2002

P1 BX3636-08BA60

BOX BASE 8inW, 8inF F/n

- P5) 24" x 180" - CB INLET KY A 15' TOP SAG F/G - 10"
- P4) 24" x 180" - CB INLET KY A 15' BOTTOM SAG T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 15"
- P2) 36" x 36" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 60"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 30
- 2) Hole - 20

5759 lb
 10034 lb
 1531 lb
 1235 lb
 8000 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 26765 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

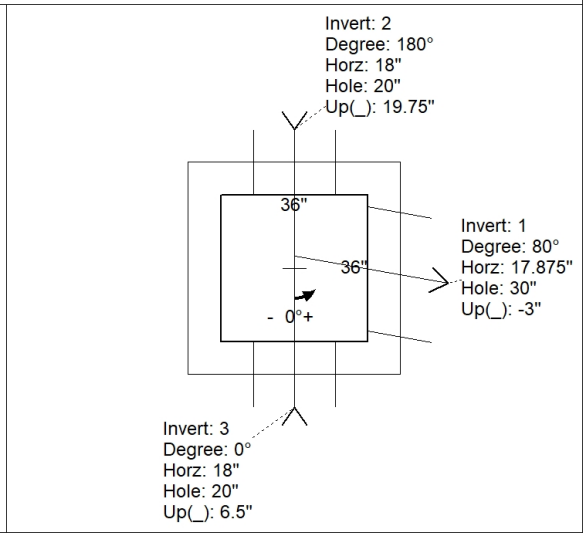
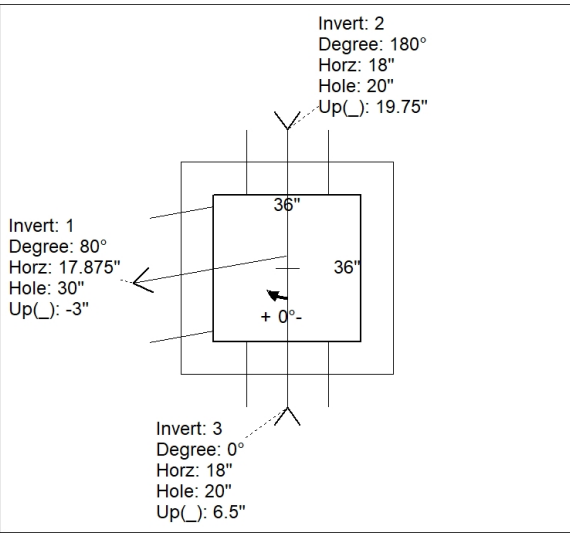
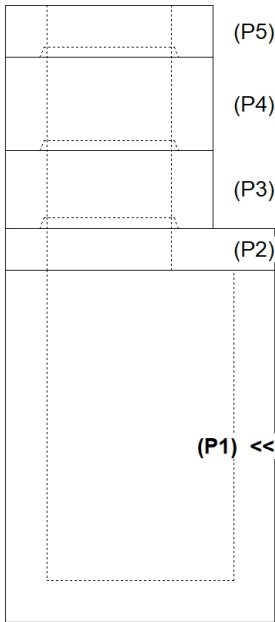
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 881.2' Rim to Invert: 9.25' Slack: 0" Sump: 0" Step Position:

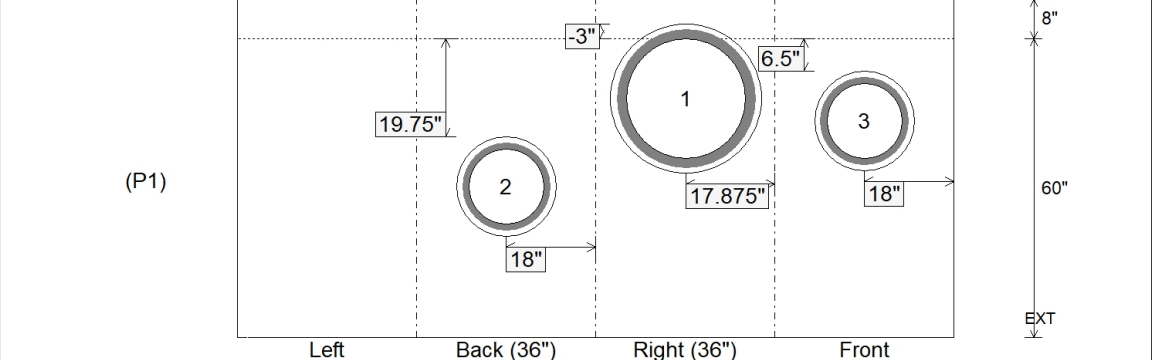
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	871.95'	80°	24.5"	24" HDPE	27.8"	Hole 30	30"	30.463"	-3"	3"
Invert 2	873.8'	180°	26"	15" HDPE	17.6"	Hole 20	20"	20"	19.75"	0"
Invert 3	872.7'	0°	26"	15" HDPE	17.6"	Hole 20	20"	20"	6.5"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 60" Height (Ext): 68"	Weight (Net): 8000 lb Volume (Net): 2.04cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:37:03 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: CBI 2002

P2 BX036036-08TS024036

CB FT REDUCER 24"X36" HOLE T/F

- P5) 24" x 180" - CB INLET KY A 15' TOP SAG F/G - 10"
- P4) 24" x 180" - CB INLET KY A 15' BOTTOM SAG T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 15"
- P2) 36" x 36" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 60"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 30
- 2) Hole - 20

5759 lb
 10034 lb
 1531 lb
 1235 lb
 8000 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb

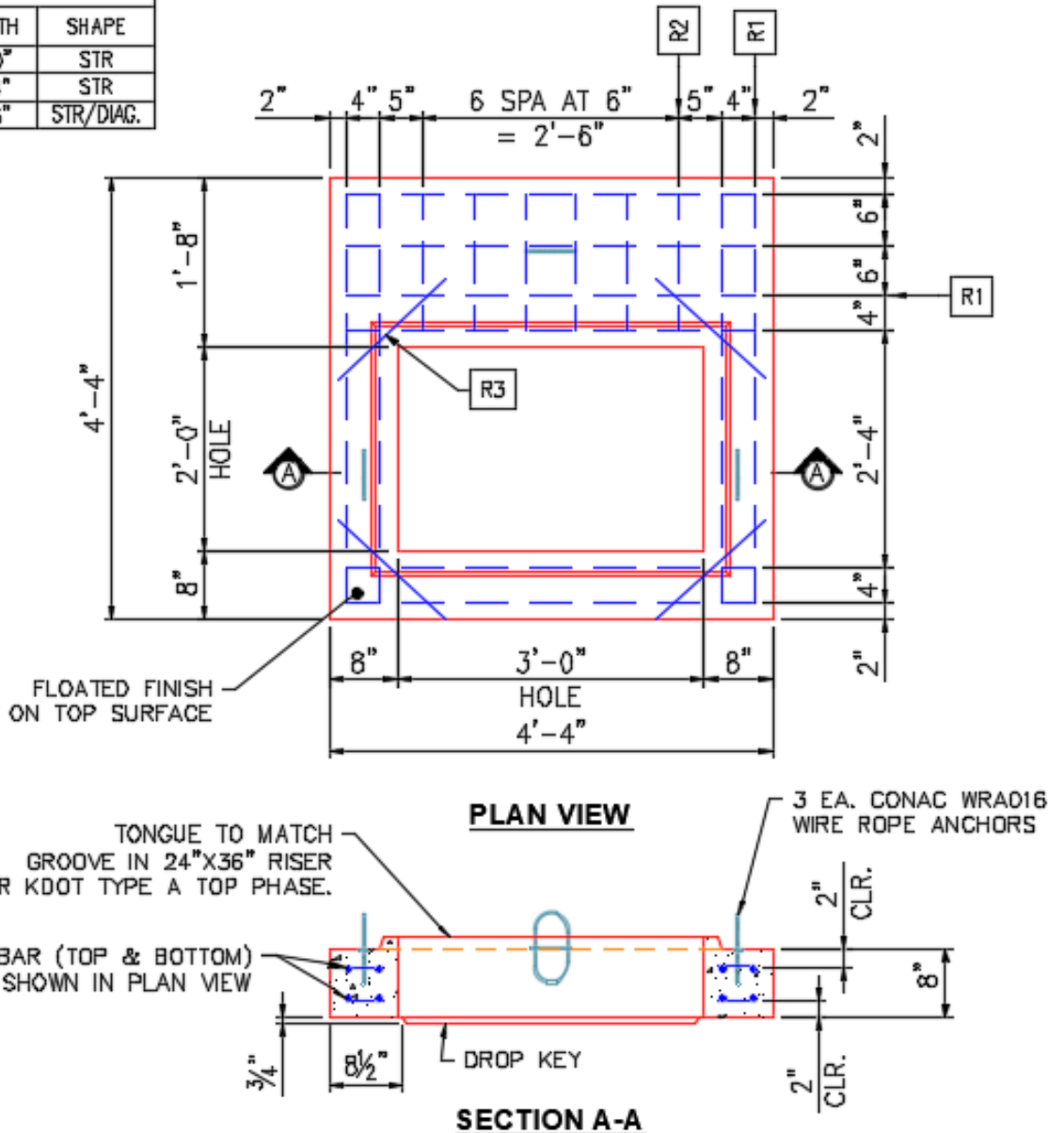
 Structure Total: 26765 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

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

REINFORCEMENT CUT LIST				
BAR	QTY	MATERIAL	LENGTH	SHAPE
R1	20	#5 BAR	4'-0"	STR
R2	12	#5 BAR	1'-4"	STR
R3	4	#5 BAR	1'-6"	STR/DIAG.



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 8"	Weight (Net): 1235 lb Volume (Net): 0.32cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:36:16 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: CBI 2002

P3 BX2436-08R-VH

BOX RISER 8inW, Variable Ht T/G

- P5) 24" x 180" - CB INLET KY A 15' TOP SAG F/G - 10"
- P4) 24" x 180" - CB INLET KY A 15' BOTTOM SAG T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 15"
- P2) 36" x 36" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 60"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 30
- 2) Hole - 20

- 5759 lb
- 10034 lb
- 1531 lb
- 1235 lb
- 8000 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

Structure Total: 26765 lb

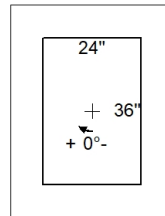
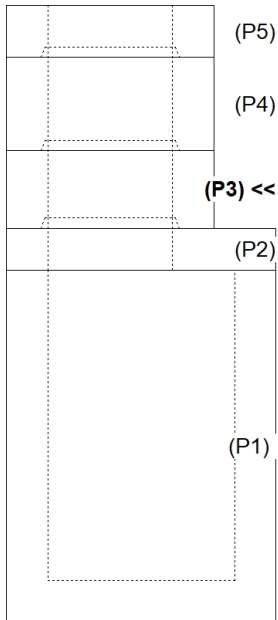
Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.

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

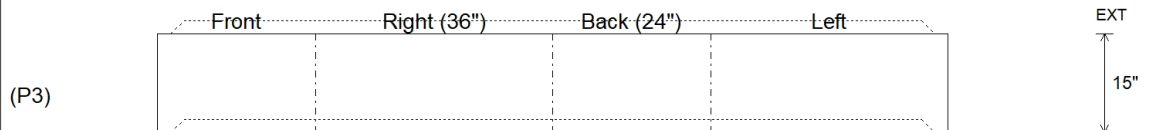
Rim: 881.2' Rim to Invert: 9.25' Slack: 0" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 8" Floor Height: 0"	Height (Int): 15" Height (Ext): 15"	Weight (Net): 1531 lb Volume (Net): 0.39cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:24 PM

PC: J. Jarvis



Structure ID: CBI 2003

P1 BX2436-08BVF

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

- P4) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P2) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 28"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 36"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 20

3400 lb
 5270 lb
 2857 lb
 4859 lb
 206 lb
 0 lb
 0 lb

 Structure Total: 16591 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

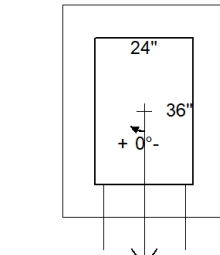
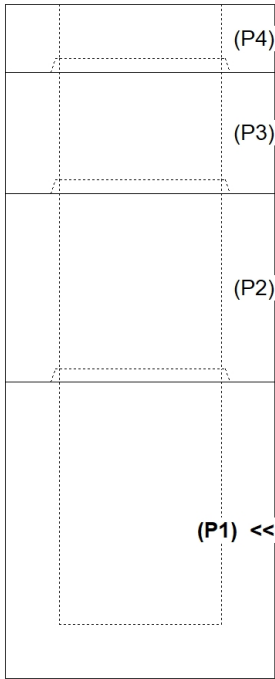
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 881.42' Rim to Invert: 7.72' Slack: 0.64" Sump: 0" Step Position:

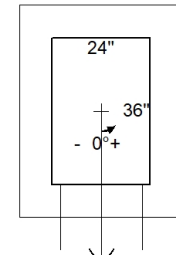
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	873.7'	0°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

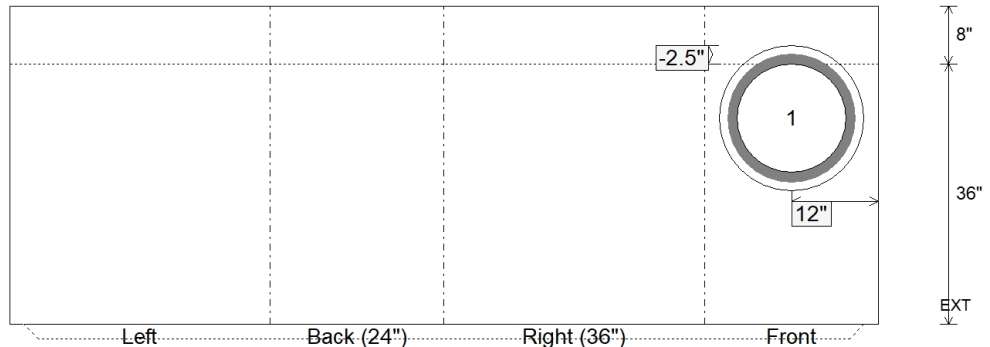


Invert: 1
 Degree: 0°
 Horz: 12"
 Hole: 20"
 Up(): -2.5"



Invert: 1
 Degree: 0°
 Horz: 12"
 Hole: 20"
 Up(): -2.5"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 36"
 Height (Ext): 44"

Weight (Net): 4859 lb
 Volume (Net): 1.24cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:16 PM

PC: J. Jarvis



Structure ID: CBI 2003

P2 BX2436-08R-VH

BOX RISER 8inW, Variable Ht T/G

- P4) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P2) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 28"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 36"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 20

3400 lb
 5270 lb
 2857 lb
 4859 lb
 206 lb
 0 lb
 0 lb

Structure Total: 16591 lb

Structure Notes:

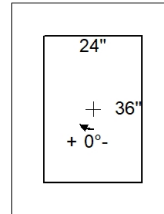
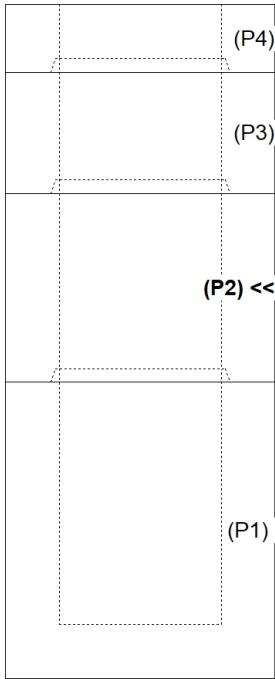
- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

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

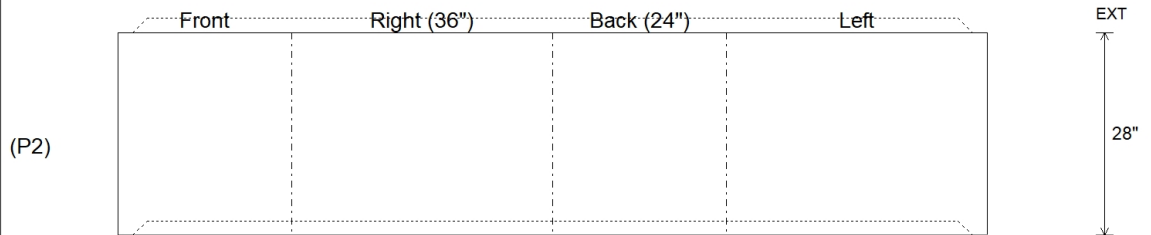
Rim: 881.42' Rim to Invert: 7.72' Slack: 0.64" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 8"
 Floor Height: 0"

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

Weight (Net): 2857 lb
 Volume (Net): 0.73cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:25 PM

PC: J. Jarvis



Structure ID: CBI 2101

P1 BX24120-08BVF

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

- P2) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10"
- P1) 24" x 120" - BOX BASE 8inW, 8inF, Variable Ht T/n - 43"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 120" - Conseal CS-102 1.00"
- 1) Hole - 24
- 1) Horiz Slot n/n - 120"x8"

3398 lb
 12035 lb
 206 lb
 0 lb
 0 lb
 0 lb

Structure Total: 15639 lb

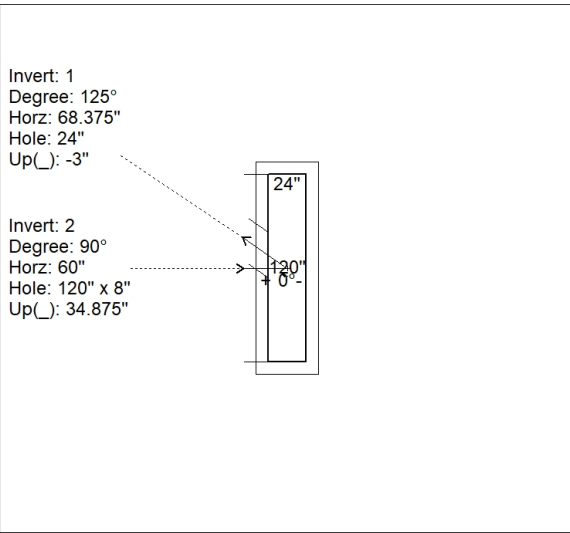
Structure Notes:
 A) MODIFIED KYTC CBI TYPE A / ASTM C913 SPECIFICATIONS.
 B) CONCRETE = 4,500 PSI AT 28 DAYS.
 C) REINFORCING PER ASTM A615 (GRADE 600).
 WALLS (HORIZ.) = #5 BARS AT 12" C/C.
 WALLS (VERT.) = #5 BARS AT 6" C/C.
 FLOOR = #5 BARS AT 6" C/C EA. WAY
 D) KYTC TYPE A STYLE NOTCH (120"x8") AT 0°. STUB #5 BARS 20" OUT TOP OF NOTCH. SPA. AT 12" C/C.

Rim: 874.93' Rim to Invert: 4.41' Slack: -0.08" Sump: 0" Step Position:

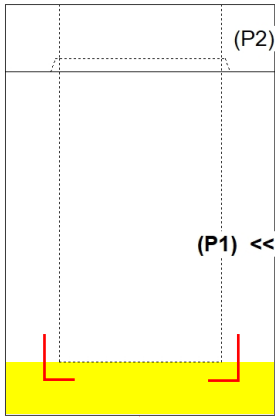
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	870.52'	125°	82"	18" HDPE	21.2"	Hole 24	24"	29.299"	-3"	0"
Invert 2	873.43'	90°	68"	120" x 8" Horiz Slot	120" x 8"	Horiz Slot 120"x8"	120" x 8"	120"	34.875"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

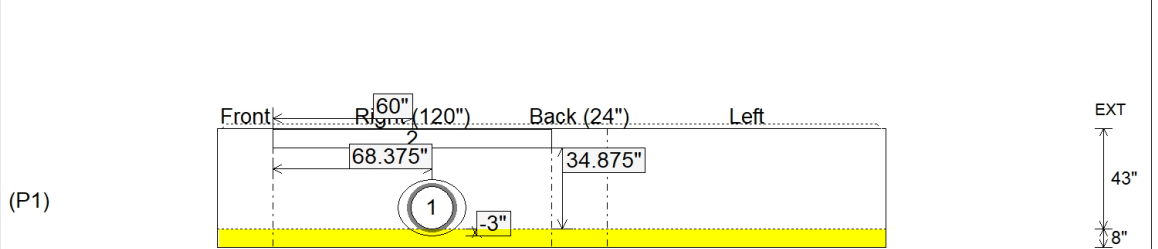
UPSIDE-DOWN VIEW (int. dimenions)



**1ST POUR (FLOOR) = 3,650 LBS
 2ND POUR (WALLS) = 8,385 LBS**



INSIDE WALL DIMENSIONS



**1ST POUR (FLOOR)
 STUB #5 L BARS OUT TOP
 OF FLOOR FOR
 CONNECTING WALLS**

**PLACE CONSEAL CS-231
 BETWEEN FLOOR & WALLS**

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 43" Height (Ext): 51"	Weight (Net): 12035 lb Volume (Net): 3.07cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:25 PM

PC: J. Jarvis



Structure ID: CBI 2101

P1A BX24120-08BVF

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

- P2) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10"
- P1) 24" x 120" - BOX BASE 8inW, 8inF, Variable Ht T/n - 43"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 120" - Conseal CS-102 1.00"
- 1) Hole - 24
- 1) Horiz Slot n/n - 120"x8"

3398 lb
 12035 lb
 206 lb
 0 lb
 0 lb
 0 lb

Structure Total: 15639 lb

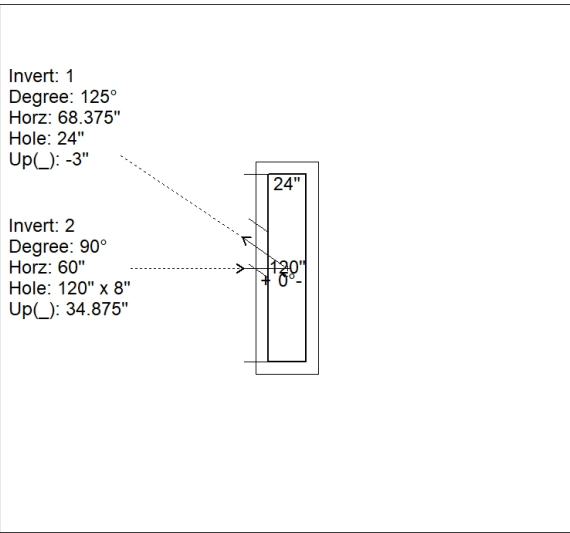
Structure Notes:
 A) MODIFIED KYTC CBI TYPE A / ASTM C913 SPECIFICATIONS.
 B) CONCRETE = 4,500 PSI AT 28 DAYS.
 C) REINFORCING PER ASTM A615 (GRADE 600).
 WALLS (HORIZ.) = #5 BARS AT 12" C/C.
 WALLS (VERT.) = #5 BARS AT 6" C/C.
 FLOOR = #5 BARS AT 6" C/C EA. WAY
 D) KYTC TYPE A STYLE NOTCH (120"x8") AT 0°. STUB #5 BARS 20" OUT TOP OF NOTCH. SPA. AT 12" C/C.

Rim: 874.93' Rim to Invert: 4.41' Slack: -0.08" Sump: 0" Step Position:

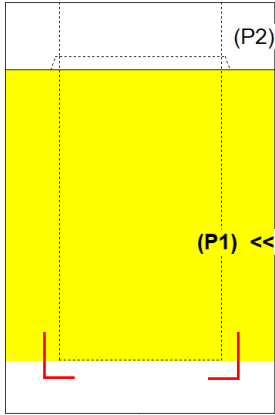
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	870.52'	125°	82"	18" HDPE	21.2"	Hole 24	24"	29.299"	-3"	0"
Invert 2	873.43'	90°	68"	120" x 8" Horiz Slot	120" x 8"	Horiz Slot 120"x8"	120" x 8"	120"	34.875"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

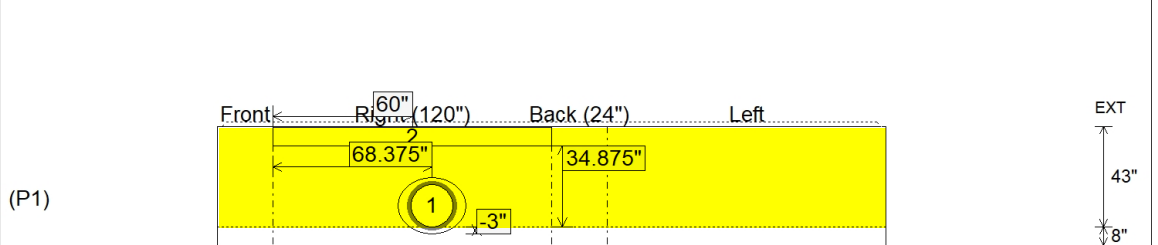


**1ST POUR (FLOOR) = 3,650 LBS
 2ND POUR (WALLS) = 8,385 LBS**



2ND POUR (WALLS)

INSIDE WALL DIMENSIONS



PLACE CONSEAL CS-231 BETWEEN FLOOR & WALLS

Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 43"
 Height (Ext): 51"

Weight (Net): 12035 lb
 Volume (Net): 3.07cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:35:26 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: CBI 2201

P1 BX2436-08BVF

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

- P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 50"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 24
- 1) Hole - 20

3400 lb
 5270 lb
 5973 lb
 206 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 14848 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.

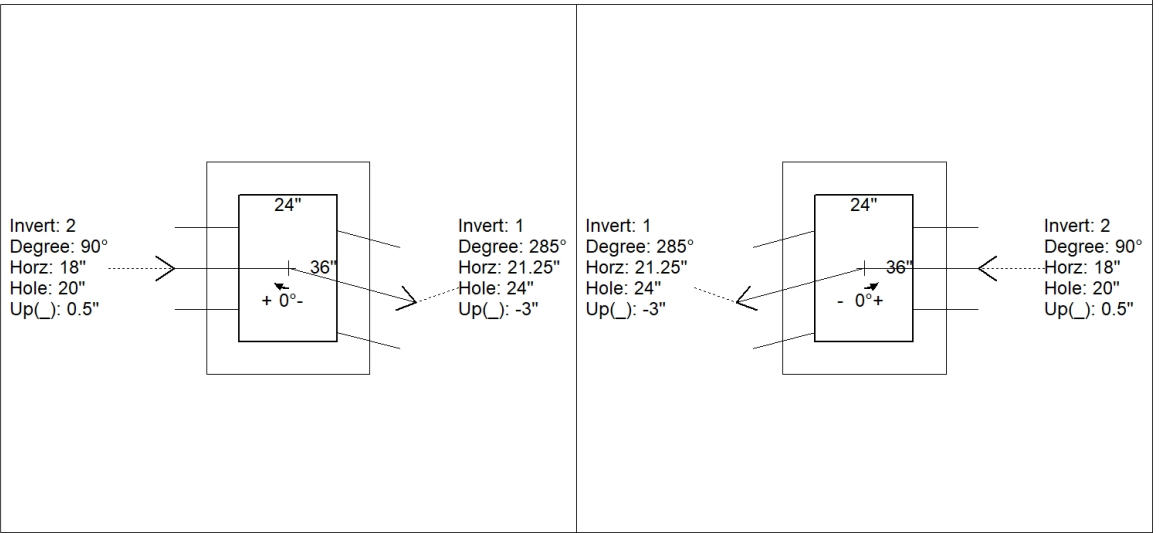
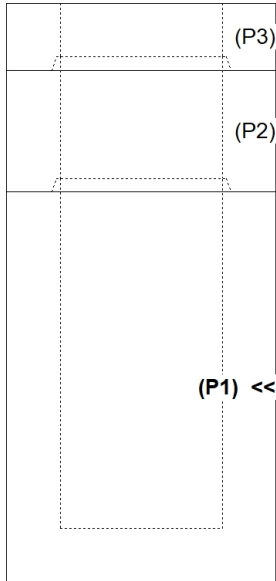
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 884.62' Rim to Invert: 6.49' Slack: -0.12" Sump: 0" Step Position:

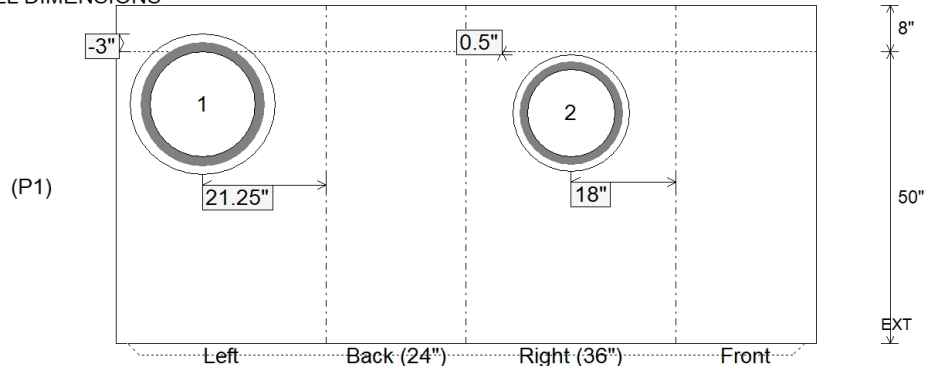
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	878.13'	285°	31.375"	18" HDPE	21.2"	Hole 24	24"	24.847"	-3"	0"
Invert 2	878.38'	90°	26"	15" HDPE	17.6"	Hole 20	20"	20"	0.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 50"
 Height (Ext): 58"

Weight (Net): 5973 lb
 Volume (Net): 1.53cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:27 PM

PC: J. Jarvis



Structure ID: CBI 2301

P1 BX2436-08BVF

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

- P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 25"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 20

3400 lb
 5270 lb
 3736 lb
 206 lb
 0 lb
 0 lb

Structure Total: 12612 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

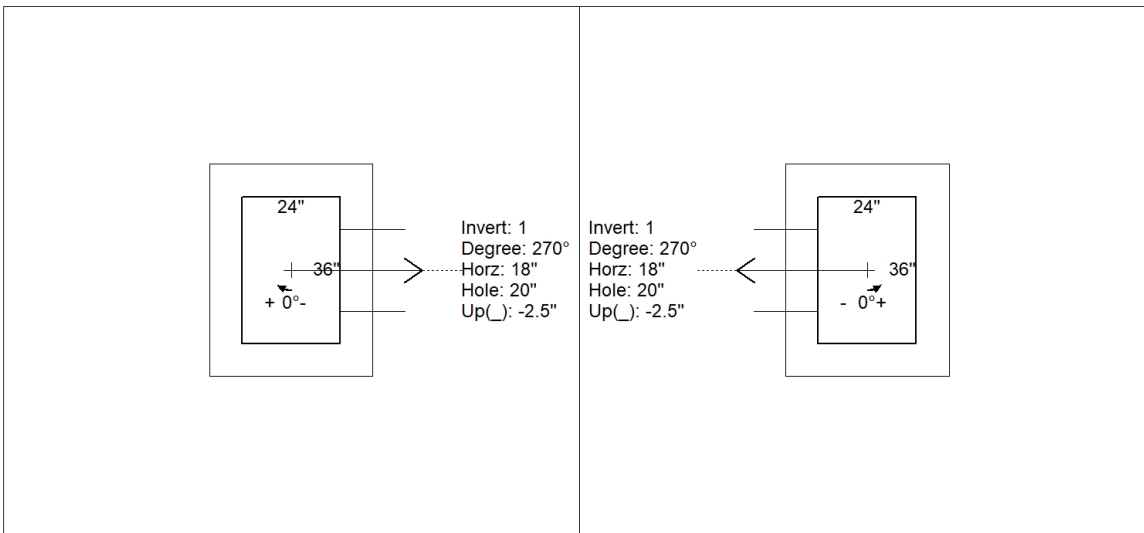
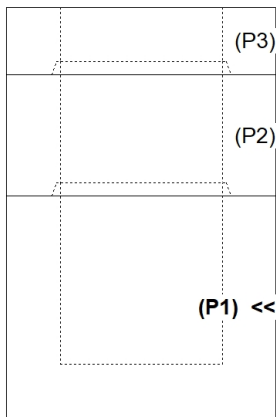
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 888.57' Rim to Invert: 4.43' Slack: 0.16" Sump: 0" Step Position:

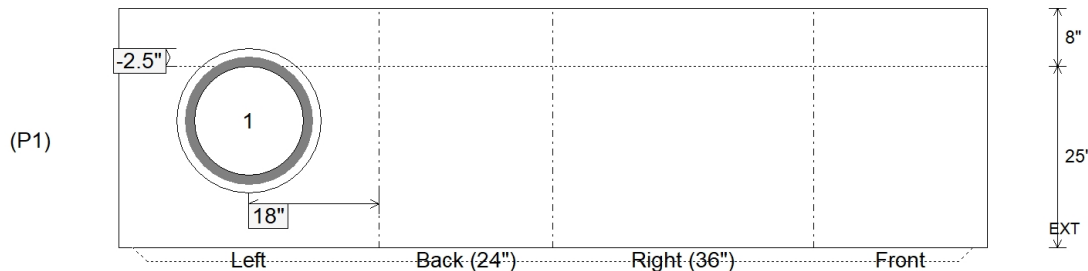
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	884.14'	270°	26"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 25"
 Height (Ext): 33"

Weight (Net): 3736 lb
 Volume (Net): 0.95cu.yd

Structure ID: CBI 2401

P1 BX3636-08BAVF

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

P4) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10" P3) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18" P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8" P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 49" 1) CASTING - HOE KY-206 F/C (KY TY1) 1) 36" x 36" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 30 1) Hole - 24	3400 lb 5270 lb 1235 lb 6700 lb 206 lb 0 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 16811 lb
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Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.

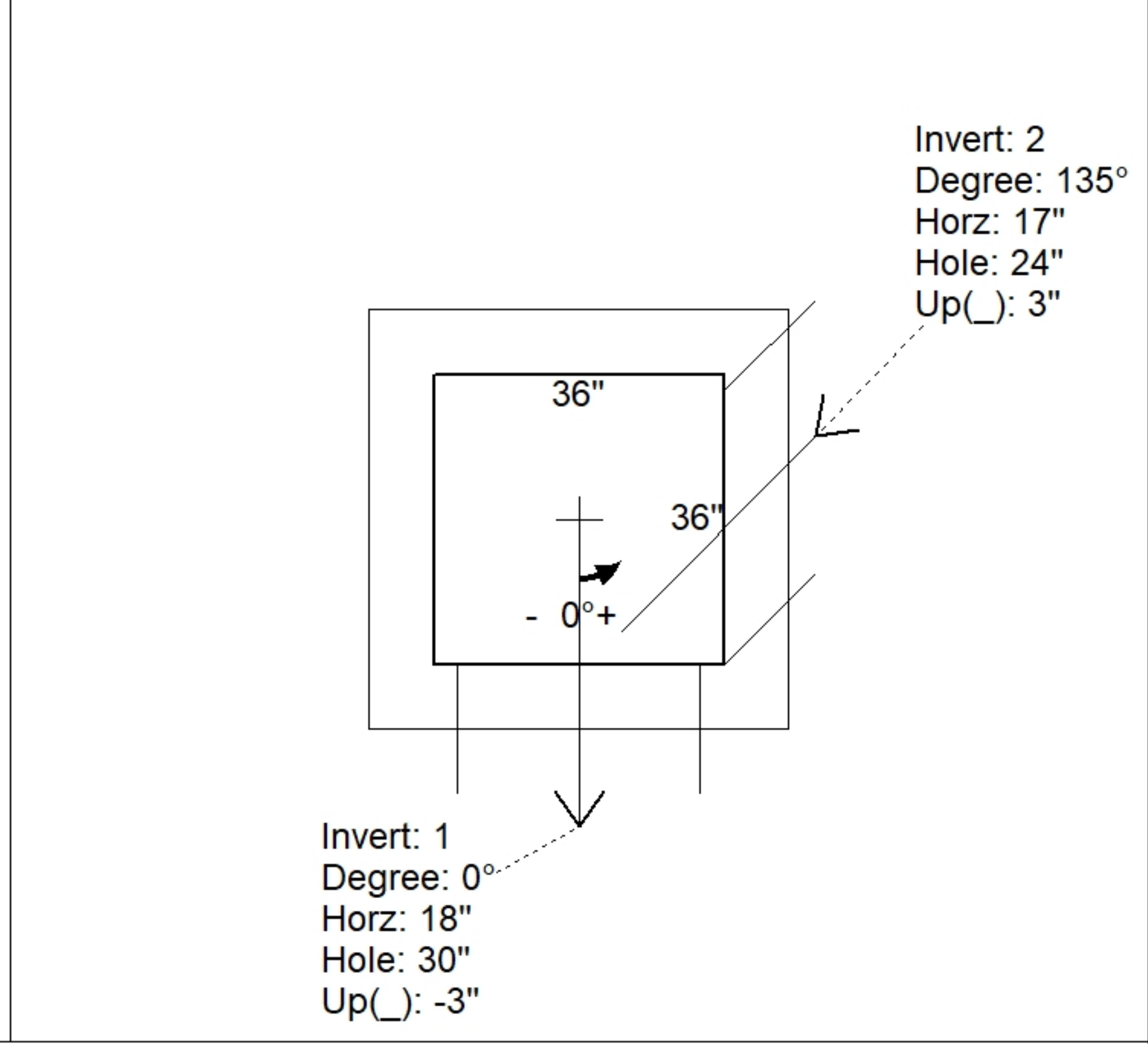
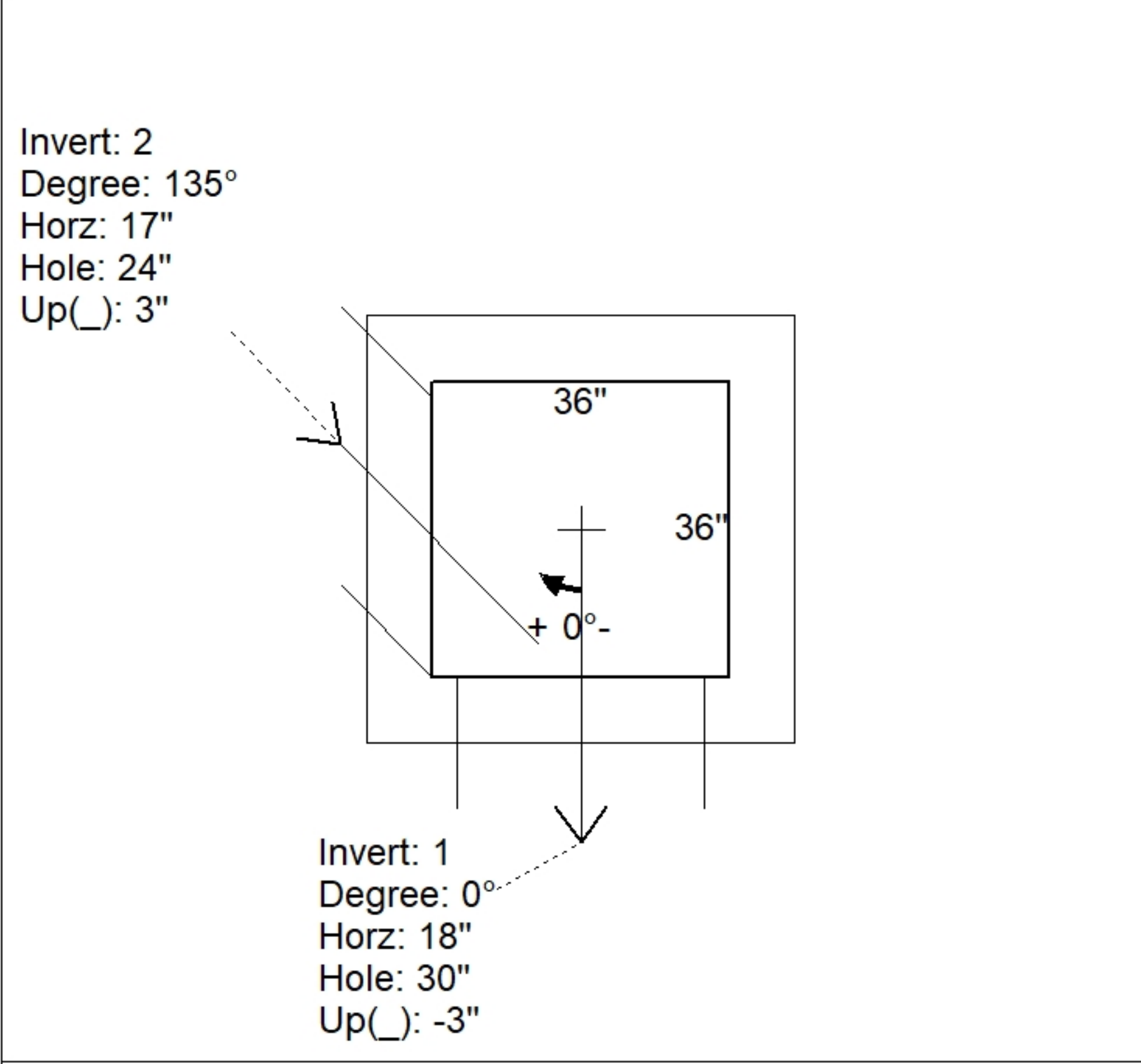
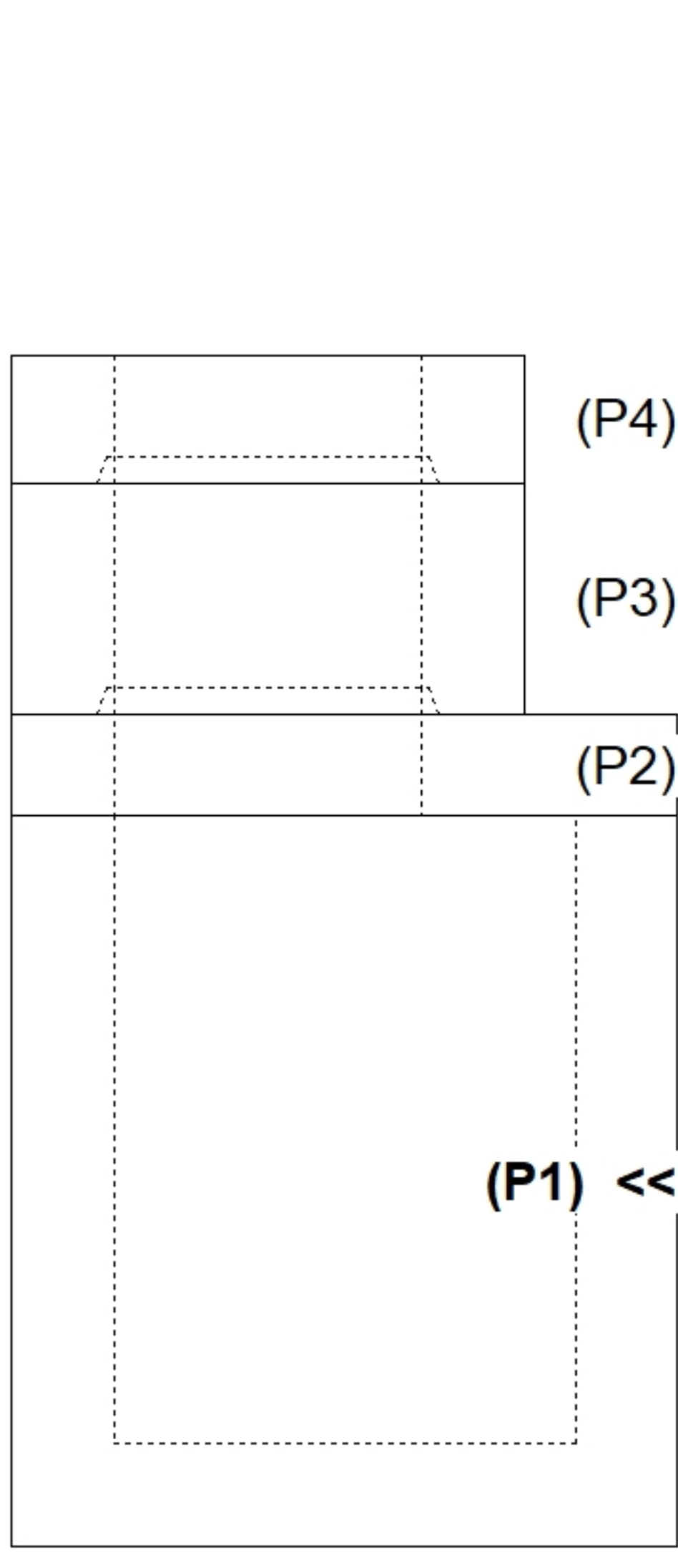
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 889.19' Rim to Invert: 7.12' Slack: 0.44" Sump: 0" Step Position:

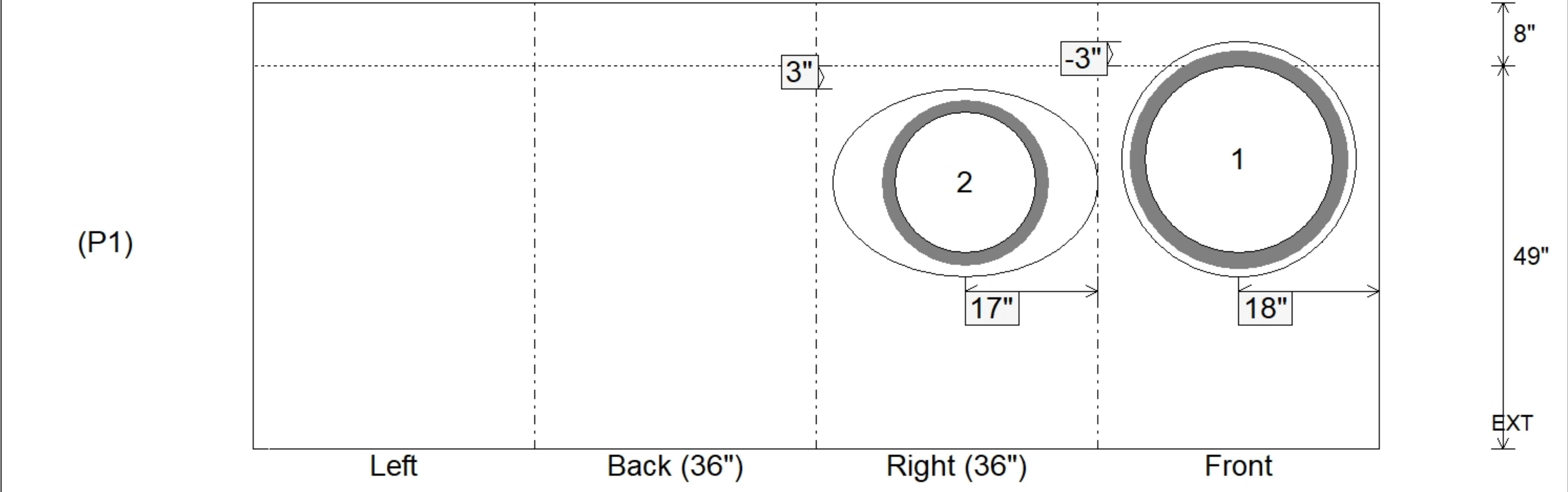
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	882.07'	0°	26"	24" HDPE	27.8"	Hole 30	30"	30"	-3"	0"
Invert 2	882.57'	135°	33"	18" HDPE	21.2"	Hole 24	24"	33.941"	3"	-13.452"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 49" Height (Ext): 57"	Weight (Net): 6700 lb Volume (Net): 1.71cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:03 PM

PC: J. Jarvis



Structure ID: CBI 2401

P2 BX036036-08TS024036

CB TRANSITION SLAB 24"X36" HOLE T/F

- P4) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P3) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8"
- P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 49"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 36" x 36" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 30
- 1) Hole - 24

- 3400 lb
- 5270 lb
- 1235 lb
- 6699 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

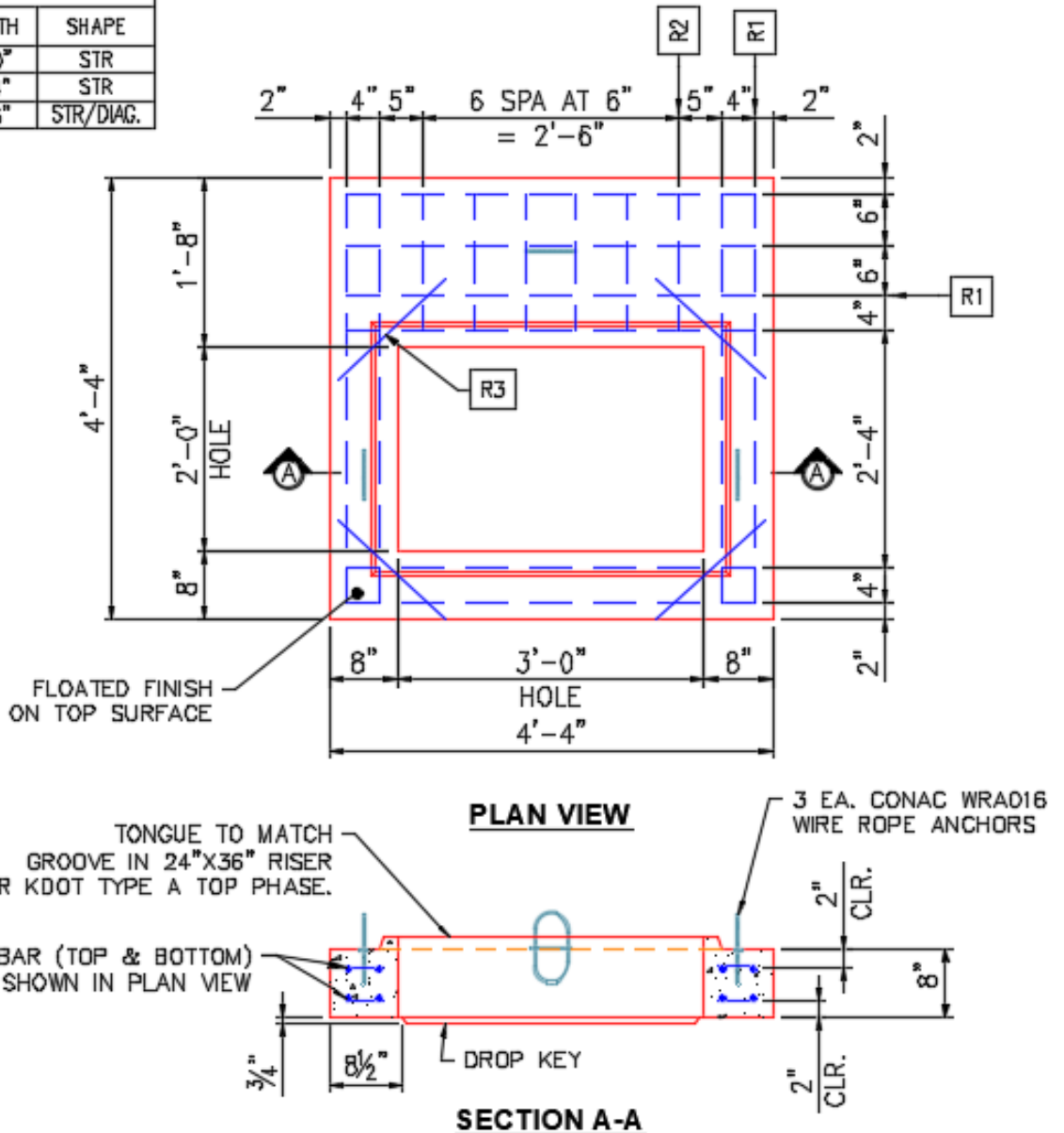
Structure Total: 16809 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

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

REINFORCEMENT CUT LIST				
BAR	QTY	MATERIAL	LENGTH	SHAPE
R1	20	#5 BAR	4'-0"	STR
R2	12	#5 BAR	1'-4"	STR
R3	4	#5 BAR	1'-6"	STR/DIAG.



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1235 lb
 Volume (Net): 0.32cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:28 PM

PC: J. Jarvis



Structure ID: CBI 2403

P1 BX2436-08BVF

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

- P3) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P2) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 59"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 24"

3398 lb
 5270 lb
 7189 lb
 206 lb
 0 lb
 0 lb

Structure Total: 16062 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

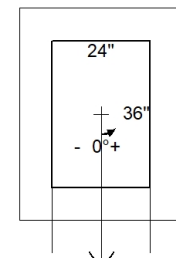
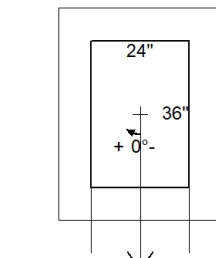
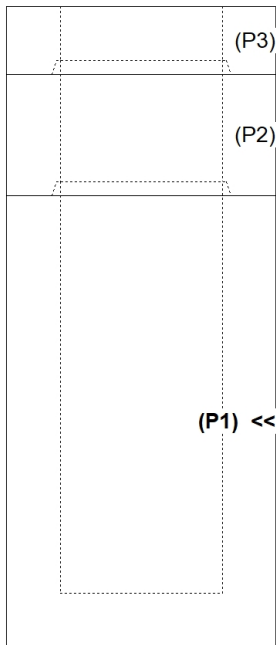
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 892.52' Rim to Invert: 7.27' Slack: 0.24" Sump: 0" Step Position:

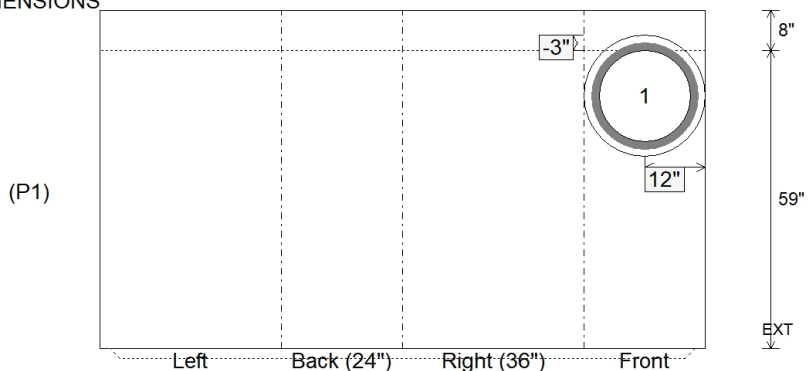
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	885.25'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-3"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 59"
 Height (Ext): 67"

Weight (Net): 7189 lb
 Volume (Net): 1.84cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:29 PM

PC: J. Jarvis



Structure ID: CBI 2501

P1 BX2436-08BVF

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

- P3) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"
- P2) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 50"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 20

3398 lb
 5270 lb
 6055 lb
 206 lb
 0 lb
 0 lb

 Structure Total: 14928 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.

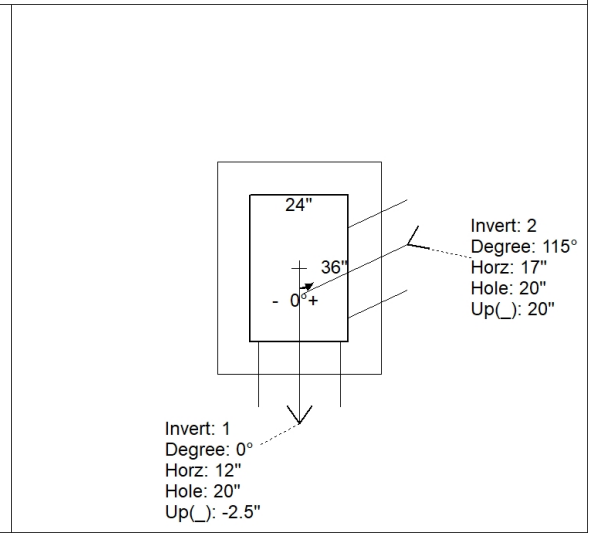
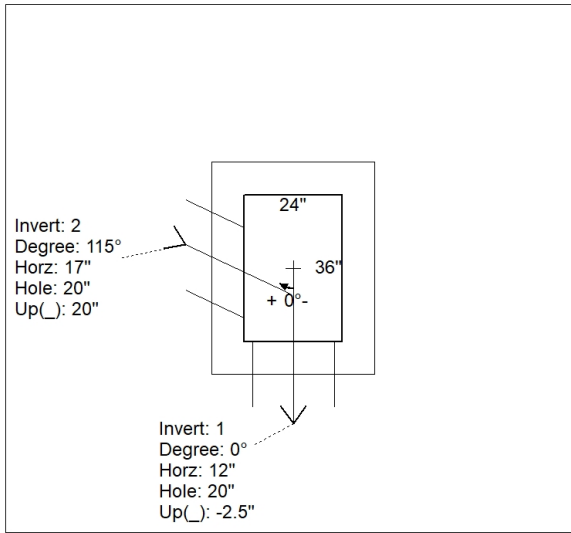
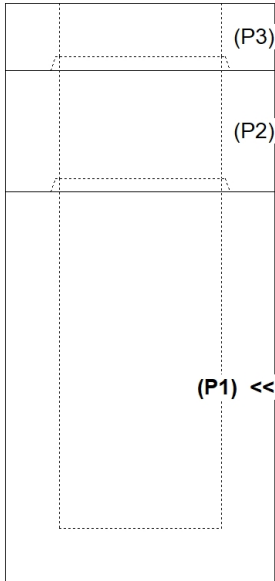
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 884.81' Rim to Invert: 6.5' Slack: 0" Sump: 0" Step Position:

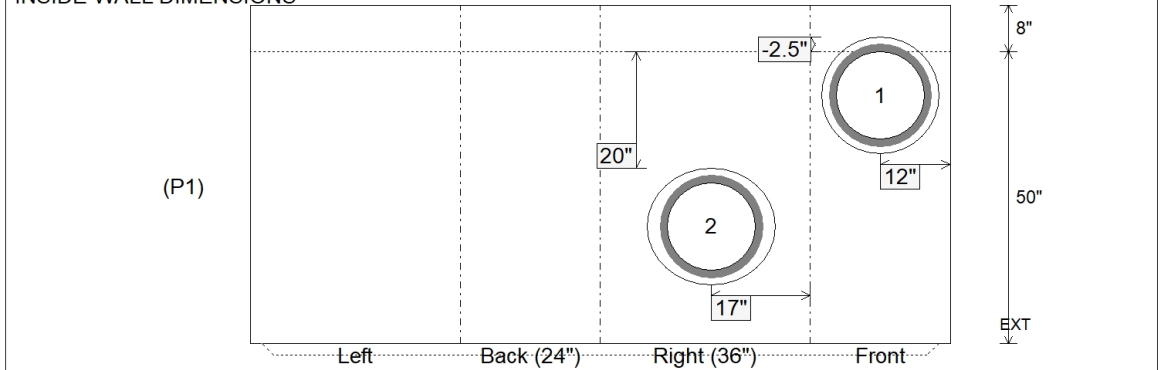
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	878.31'	0°	20"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2	880.18'	115°	28.75"	15" HDPE	17.6"	Hole 20	20"	22.068"	20"	-6"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 50"
 Height (Ext): 58"

Weight (Net): 6055 lb
 Volume (Net): 1.55cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:35:29 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: CBI 2502

P1 BX2436-08BVF

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

- P3) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 25"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 20"

3400 lb
 5270 lb
 3715 lb
 206 lb
 0 lb
 0 lb

 Structure Total: 12590 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.

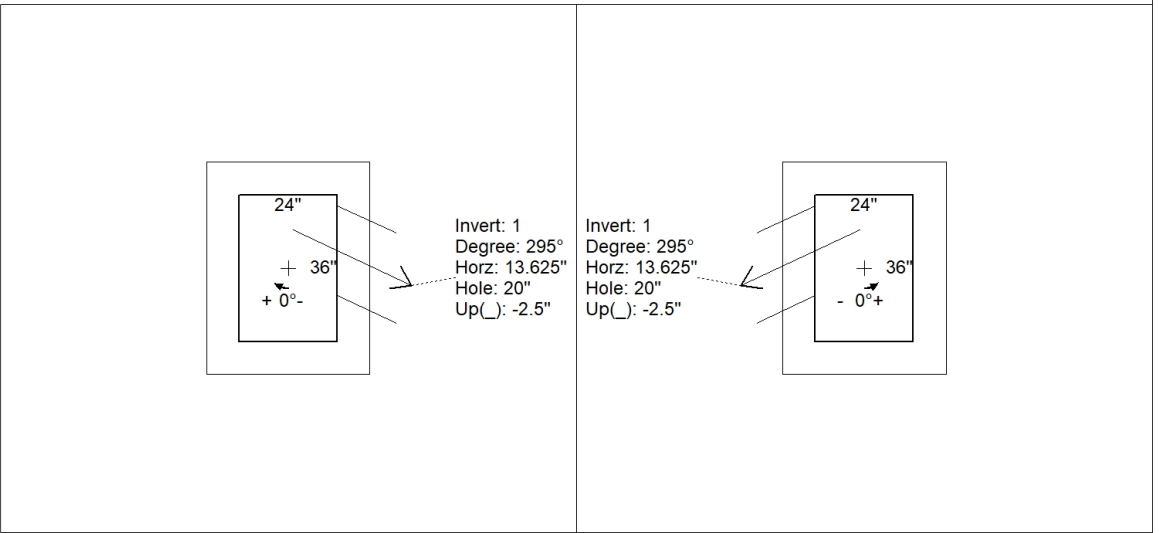
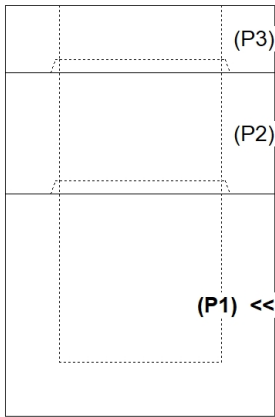
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 885.01' Rim to Invert: 4.45' Slack: 0.4" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	880.56'	295°	25.375"	15" HDPE	17.6"	Hole 20	20"	22.068"	-2.5"	-9"
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: 8"
 Floor Height: 8"

Height (Int): 25"
 Height (Ext): 33"

Weight (Net): 3715 lb
 Volume (Net): 0.95cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:26 PM

PC: J. Jarvis



Structure ID: DBI 2202

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 - 31"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 30" - SGL 1"x14.5' Butyl
- 1) Hole - 20

0 lb
 3938 lb
 206 lb
 0 lb
 0 lb

 Structure Total: 4144 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. NO INVERT CHANNEL.
 4. NO STEPS.
 5. CASTING BY ICAST (HOE 460-11 F/G)

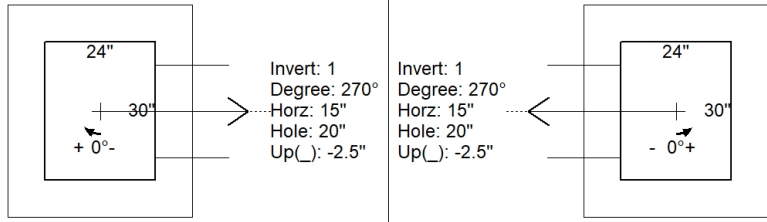
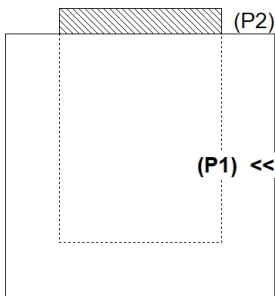
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W..
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 882.24' Rim to Invert: 2.92' Slack: 0.29" Sump: 0" Step Position:

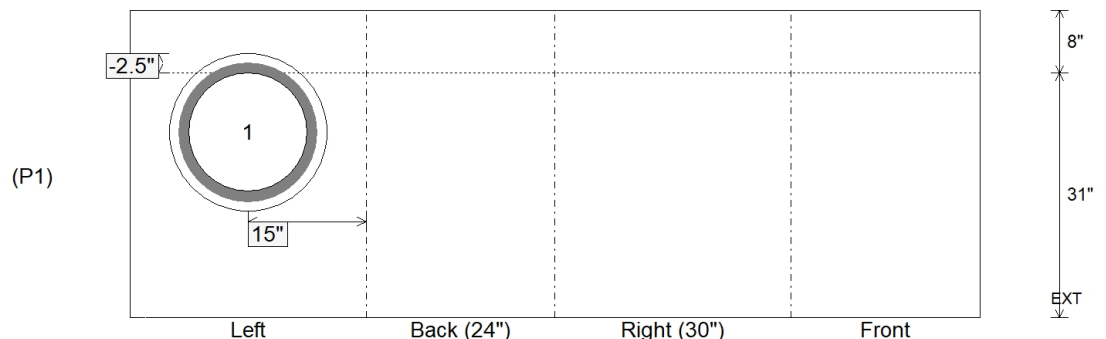
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	879.32'	270°	23"	15" HDPE	17.6"	Hole 20	20"	20"	-2.5"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 31"
 Height (Ext): 39"

Weight (Net): 3938 lb
 Volume (Net): 1.01cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:15 PM

PC: J. Jarvis



Structure ID: MH 1901

P1 BX6060-08BA72

BOX BASE 8inW, 8inF F/n

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 35"
- P2) 60" x 60" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 60" x 60" - BOX BASE 8inW, 8inF F/n - 72"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 60" x 60" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 50
- 1) Hole - 44
- 1) Hole - 30

- 3400 lb
- 5270 lb
- 3571 lb
- 3297 lb
- 14194 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C)
 CAST INTO TOP SLAB.

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

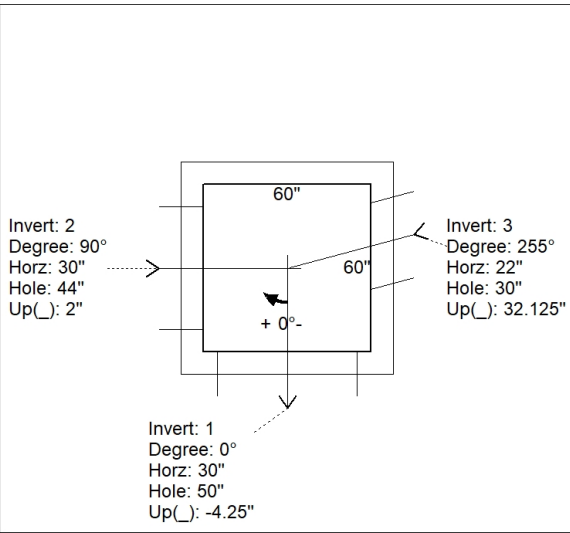
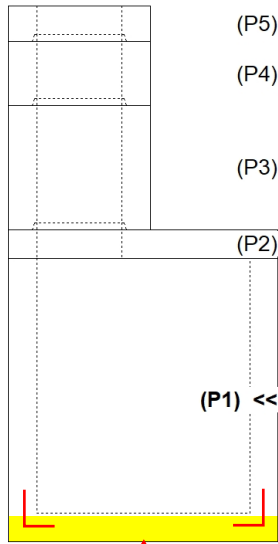
Structure Total: 29938 lb

Rim: 878.95' Rim to Invert: 11.95' Slack: 0.4" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	867'	0°	38"	42" HDPE	47.7"	Hole 50	50"	50"	-4.25"	0"
Invert 2	867.5'	90°	38"	36" HDPE	41.7"	Hole 44	44"	44"	2"	0"
Invert 3	869.93'	255°	27.875"	24" HDPE	27.8"	Hole 30	30"	31.058"	32.125"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

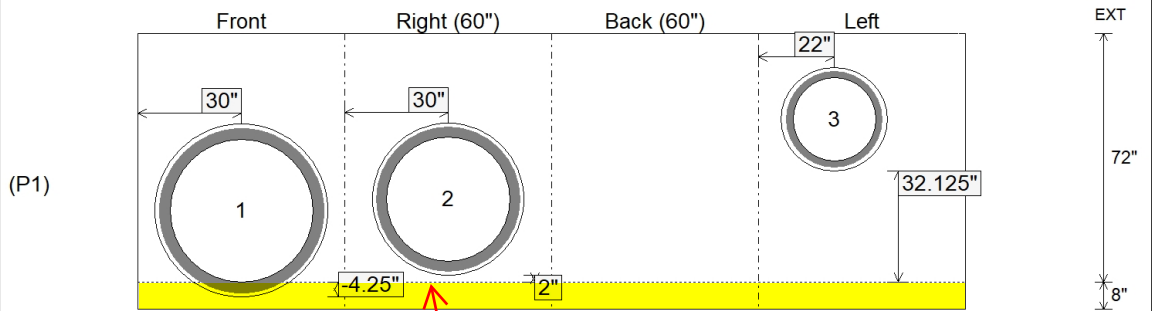
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



**1ST POUR (FLOOR) = 3,880 LBS
 2ND POUR (WALLS) = 10,314 LBS**

INSIDE WALL DIMENSIONS



**1ST POUR (FLOOR)
 STUB #5 L BARS OUT TOP
 OF FLOOR FOR
 CONNECTING WALLS**

PLACE CONSEAL CS-231 BETWEEN FLOOR & WALLS

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 72" Height (Ext): 80"	Weight (Net): 14194 lb Volume (Net): 3.63cu.yd
----------------------------------	-------------------------------	--	--	---

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:35:15 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH 1901

P1A BX6060-08BA72

BOX BASE 8inW, 8inF F/n

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 35"
- P2) 60" x 60" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 60" x 60" - BOX BASE 8inW, 8inF F/n - 72"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 60" x 60" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 50
- 1) Hole - 44
- 1) Hole - 30

3400 lb
 5270 lb
 3571 lb
 3297 lb
 14194 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 29938 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C) CAST INTO TOP SLAB.

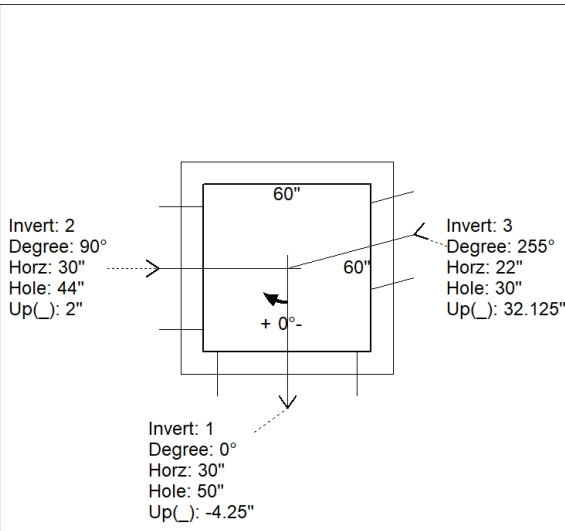
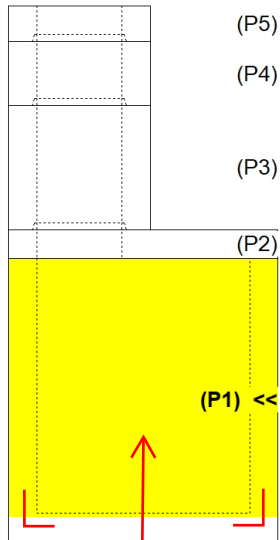
 REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 878.95' Rim to Invert: 11.95' Slack: 0.4" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	867'	0°	38"	42" HDPE	47.7"	Hole 50	50"	50"	-4.25"	0"
Invert 2	867.5'	90°	38"	36" HDPE	41.7"	Hole 44	44"	44"	2"	0"
Invert 3	869.93'	255°	27.875"	24" HDPE	27.8"	Hole 30	30"	31.058"	32.125"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

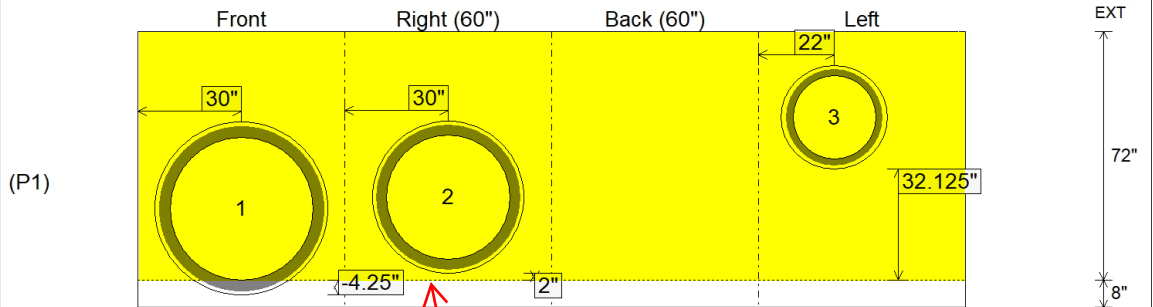
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



**1ST POUR (FLOOR) = 3,880 LBS
 2ND POUR (WALLS) = 10,314 LBS**

INSIDE WALL DIMENSIONS



2ND POUR (WALLS)

PLACE CONSEAL CS-231 BETWEEN FLOOR & WALLS

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 72" Height (Ext): 80"	Weight (Net): 14194 lb Volume (Net): 3.63cu.yd
----------------------------------	-------------------------------	--	--	---

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:37:00 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH 1901

P2 BX060060-08TS024036

CB FT REDUCER 24"X36" HOLE T/F

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 35"
- P2) 60" x 60" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 60" x 60" - BOX BASE 8inW, 8inF F/n - 72"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 60" x 60" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 50
- 1) Hole - 44
- 1) Hole - 30

3400 lb
 5270 lb
 3571 lb
 3297 lb
 14194 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

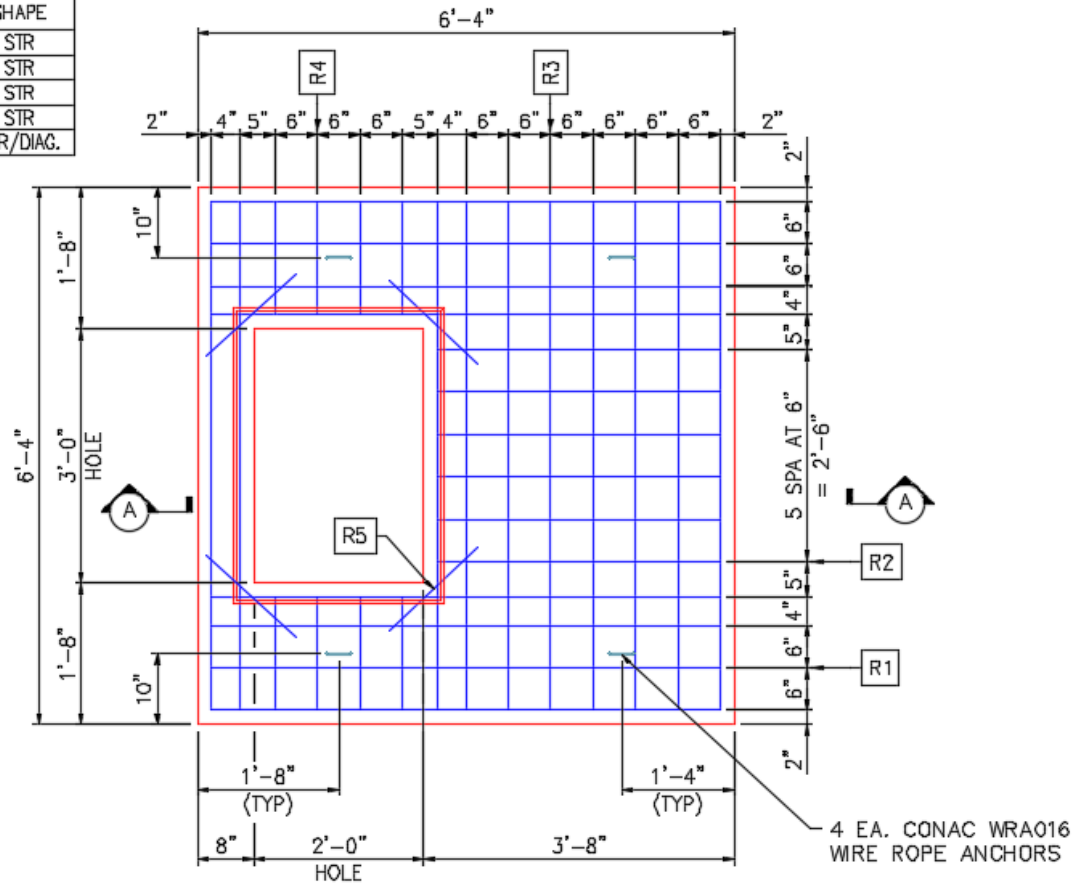
Structure Total: 29938 lb

Structure Notes:

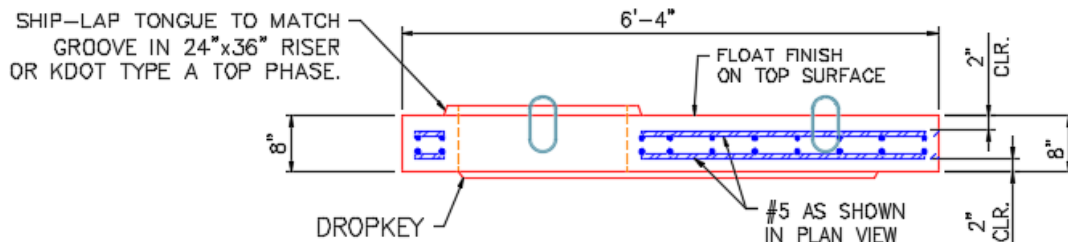
- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.
- 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C) CAST INTO TOP SLAB.

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

REINFORCEMENT CUT LIST				
BAR	QTY	MATERIAL	LENGTH	SHAPE
R1	16	#5 BAR	6'-0"	STR
R2	12	#5 BAR	3'-4"	STR
R3	20	#5 BAR	6'-0"	STR
R4	16	#5 BAR	1'-4"	STR
R5	4	#5 BAR	1'-6"	STR/DIAG.



PLAN VIEW



SECTION A-A

Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 3297 lb
 Volume (Net): 0.84cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:13 PM

PC: J. Jarvis



Structure ID: MH 1901

P3 BX2436-08R-VH

BOX RISER 8inW, Variable Ht T/G

- P5) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"
- P4) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"
- P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 35"
- P2) 60" x 60" - CB FT REDUCER 24"X36" HOLE T/F - 8"
- P1) 60" x 60" - BOX BASE 8inW, 8inF F/n - 72"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 60" x 60" - Conseal CS-102 1.00"
- 2) 24" x 36" - Conseal CS-102 1.00"
- 1) Hole - 50
- 1) Hole - 44
- 1) Hole - 30

- 3400 lb
- 5270 lb
- 3571 lb
- 3297 lb
- 14194 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.
- 4. CASTING BY ICAST (HOE KY-206 KY TY.1 F/C) CAST INTO TOP SLAB.

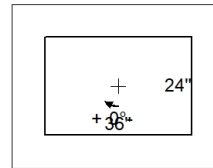
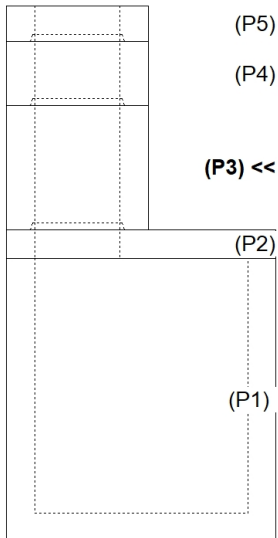
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
- TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W (DBL MAT)
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 29938 lb

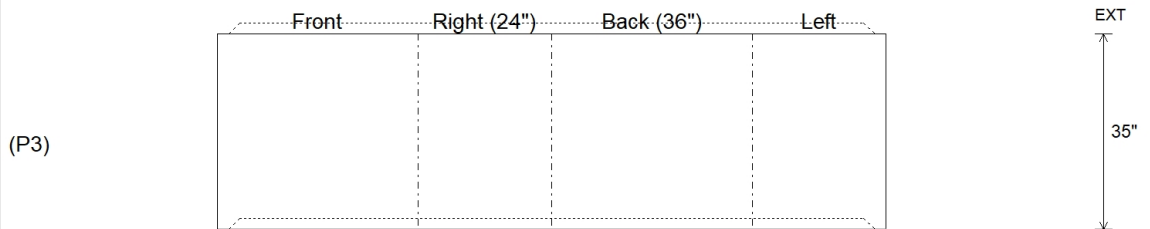
Rim: 878.95' Rim to Invert: 11.95' Slack: 0.4" Sump: 0" Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 8"
Floor Height: 0"

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

Weight (Net): 3571 lb
Volume (Net): 0.91cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:19 PM

PC: J. Jarvis



Structure ID: MH 1905

P1 MH048BAVF

MH BASE Custom Ht T/n

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 24"
- P1) 48" - MH BASE Custom Ht T/n - 71"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 20
- 8) MH Step ML-10-TDS-NCR - 10"

0 lb
 1550 lb
 5523 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 7279 lb

Structure Total: 7279 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. NO INVERT CHANNEL.
- 4. CASTING BY ICAST (HOE MC-350 F/C).

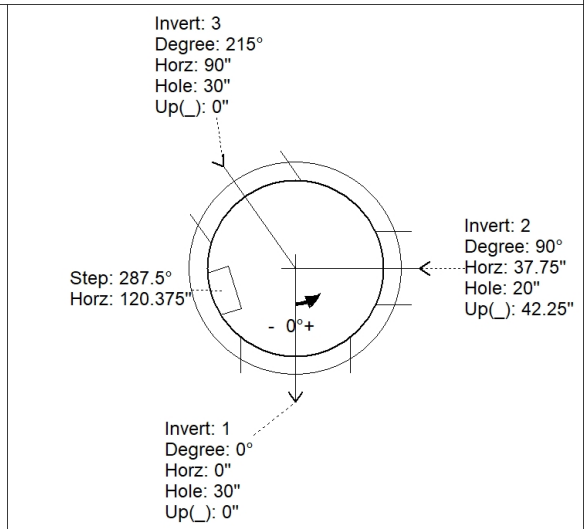
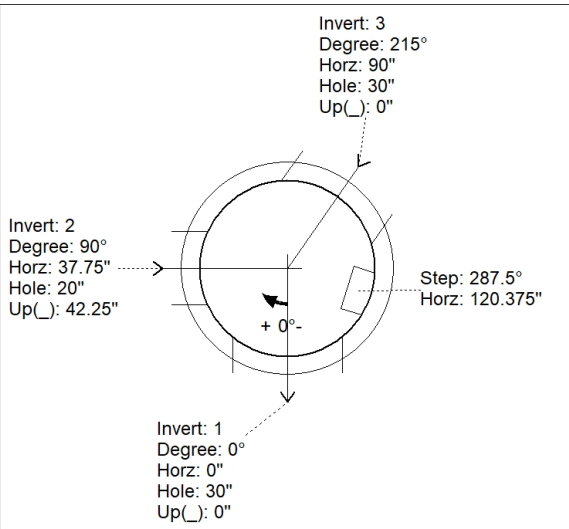
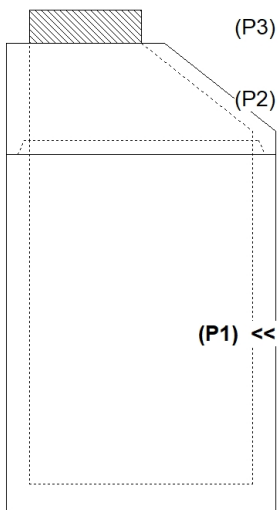
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE/RISER (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 888.61' Rim to Invert: 8.3' Slack: 0.6" Sump: 3" Step Position: 287.5°

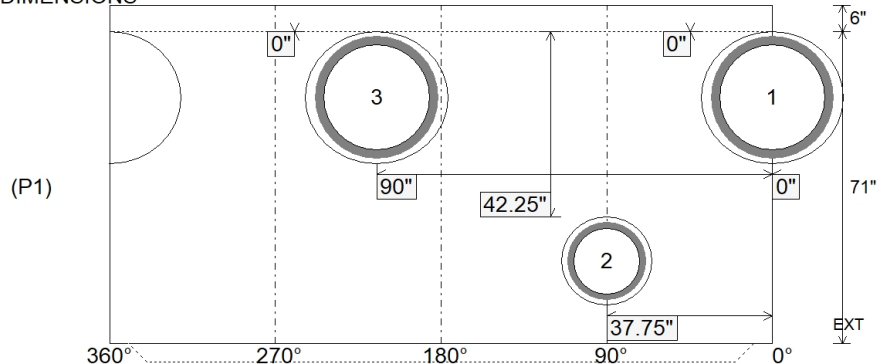
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	880.31'	0°	0"	24" HDPE	27.8"	Hole 30	30"	32.406"	0"	0"
Invert 2	883.79'	90°	45.5"	15" HDPE	17.6"	Hole 20	20"	20.629"	42.25"	0"
Invert 3	880.31'	215°	108.875"	24" HDPE	27.8"	Hole 30	30"	32.406"	0"	0"
Invert 4										
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): 71"
 Height (Ext): 77"

Weight (Net): 5523 lb
 Volume (Net): 1.41cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:37:01 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH 1905

P2 MH048CN24

ECC CONE w/ 24" HOLE F/G

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 24"
- P1) 48" - MH BASE Custom Ht T/n - 71"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Hole - 20
- 8) MH Step ML-10-TDS-NCR - 10"

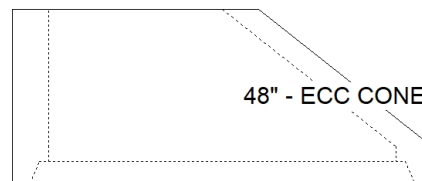
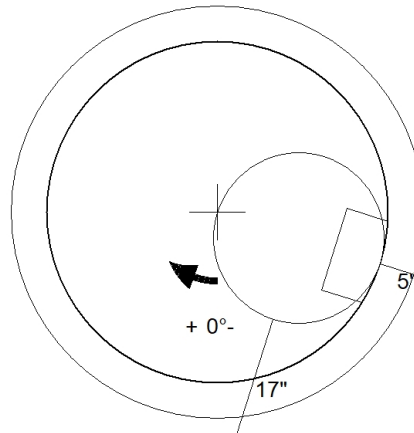
0 lb
 1550 lb
 5523 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 7279 lb

Structure Total: 7279 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE MC-350 F/C).

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



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

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:22 PM

PC: J. Jarvis



Structure ID: MH 1910

P1 MH048BAVF

MH BASE Custom Ht T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 36"
- P1) 48" - MH BASE Custom Ht T/n - 61"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 20
- 8) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 3000 lb
 5321 lb
 206 lb
 0 lb
 0 lb
 0 lb

 8797 lb

Structure Total: 8797 lb

Structure Notes:

- ** KYTC STATE PROJECT ****
1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.

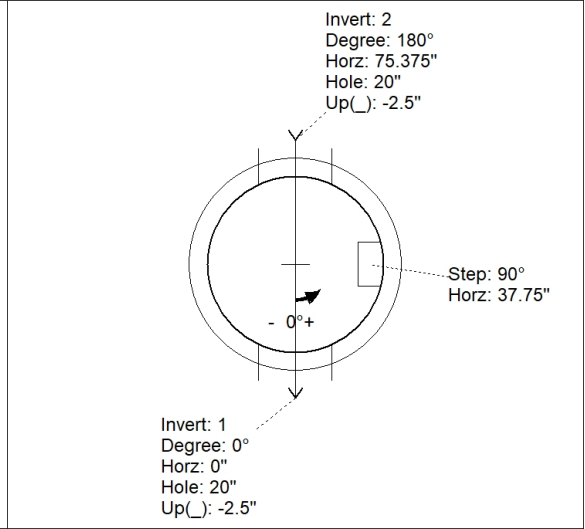
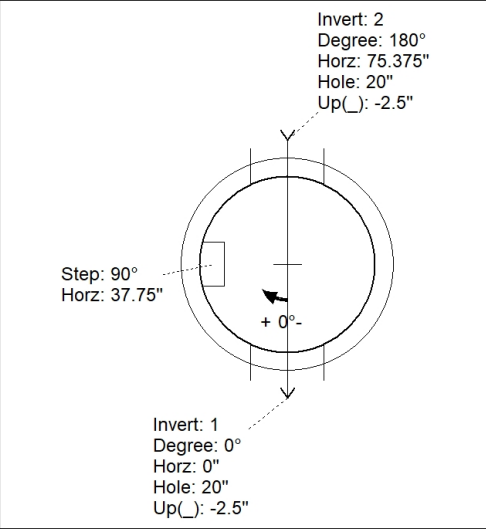
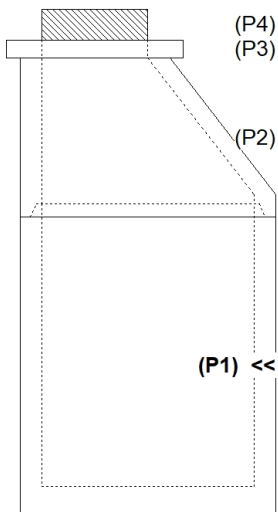
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE/RISER (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 900.73' Rim to Invert: 9.05' Slack: 0.6" Sump: 0" Step Position: 90°

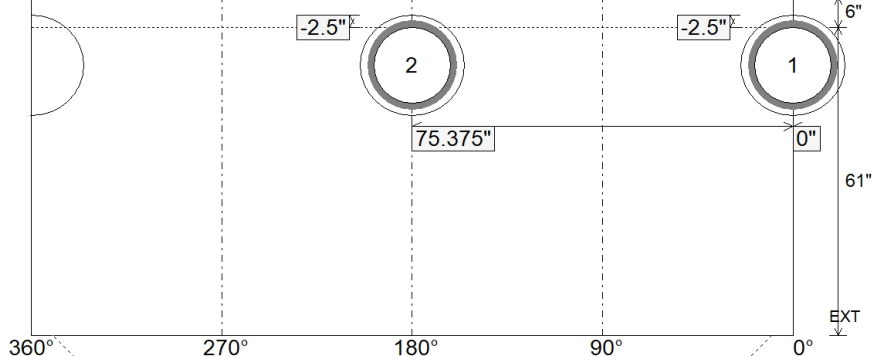
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	891.68'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	-2.5"	0"
Invert 2	891.68'	180°	91.125"	15" HDPE	17.6"	Hole 20	20"	20.629"	-2.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 61"
 Height (Ext): 67"

Weight (Net): 5321 lb
 Volume (Net): 1.36cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:37:02 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH 1910

P2 MH048CN36

ECC CONE w/ 24" HOLE F/G

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 36"
- P1) 48" - MH BASE Custom Ht T/n - 61"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 20
- 8) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 3000 lb
 5321 lb
 206 lb
 0 lb
 0 lb
 0 lb
 0 lb

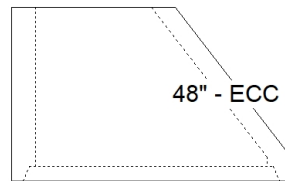
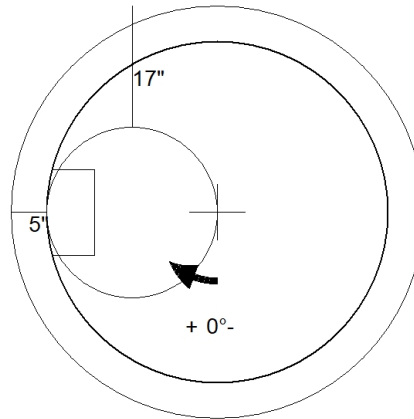
 8797 lb

Structure Total: 8797 lb

Structure Notes:

- ** KYTC STATE PROJECT ****
1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.

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



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

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

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

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:02 PM

PC: J. Jarvis



Structure ID: MH 1910

P3 GR4

GRADE RING F/F

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 36"
- P1) 48" - MH BASE Custom Ht T/n - 61"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 20
- 8) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 270 lb
- 3000 lb
- 5321 lb
- 206 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb

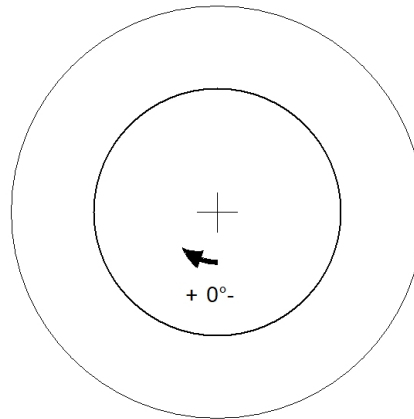
Structure Total: 8797 lb

Structure Notes:

- ** KYTC STATE PROJECT ****
1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. NO INVERT CHANNEL.

REINFORCING PER ASTM A615 (GRADE 60).

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



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 4"

Weight (Net): 270 lb
 Volume (Net): 0.07cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:28 PM

PC: J. Jarvis



Structure ID: MH 2402

P1 MH048BA48

MH BASE T/n

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 24"
- P1) 48" - MH BASE T/n - 48"
- 1) CASTING - HOE MC-350 F/C Storm
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 24
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb
 1550 lb
 4289 lb
 305 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 6144 lb

Structure Notes:

- ** KYTC STATE PROJECT **
- 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
- 2. CONCRETE = 4,000 PI AT 28 DAYS.
- 3. CASTING BY ICAST (HOE MS-350 F/C)

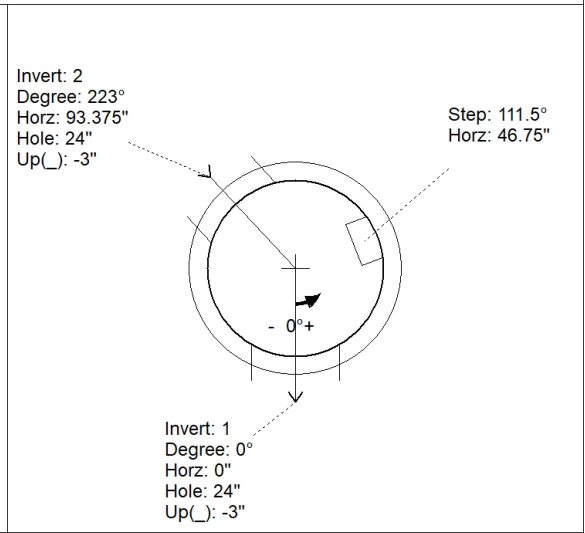
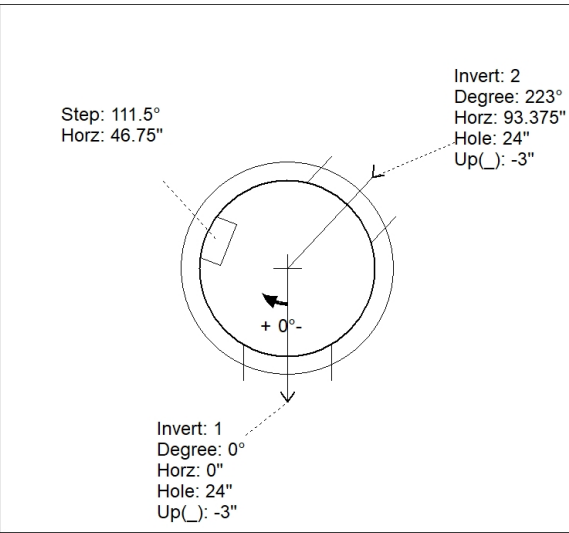
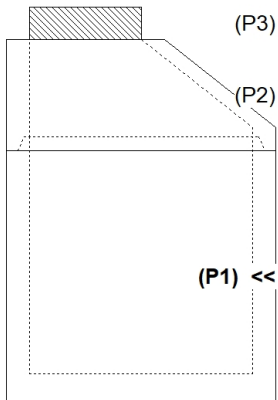
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE/RISER (As .12).
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 889.6' Rim to Invert: 6.62' Slack: 0.44" Sump: 0" Step Position: 111.5°

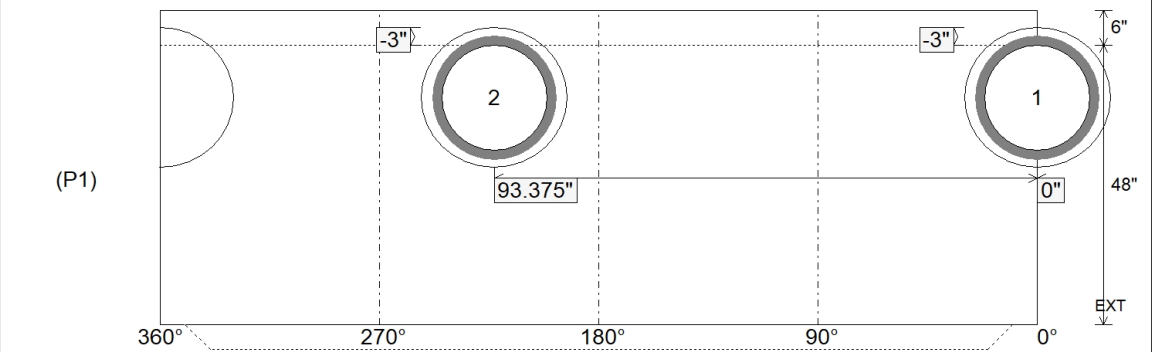
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	882.98'	0°	0"	18" HDPE	21.2"	Hole 24	24"	25.133"	-3"	0"
Invert 2	882.98'	223°	112.875"	18" HDPE	21.2"	Hole 24	24"	25.133"	-3"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 48"
 Height (Ext): 54"

Weight (Net): 4289 lb
 Volume (Net): 1.1cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:37:03 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH 2402

P2 MH048CN24

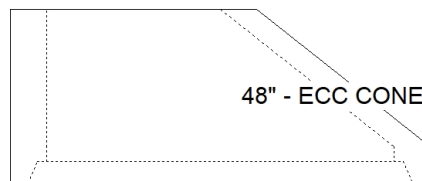
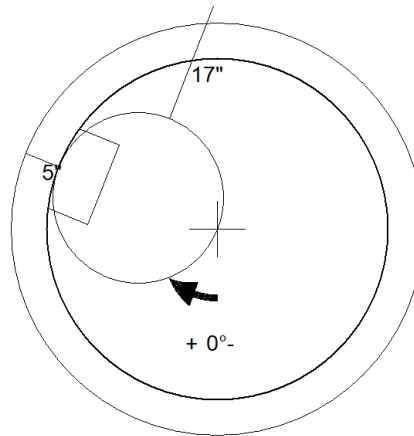
ECC CONE w/ 24" HOLE F/G

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 24"
- P1) 48" - MH BASE T/n - 48"
- 1) CASTING - HOE MC-350 F/C Storm
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 24
- 6) MH Step ML-10-TDS-NCR - 10"

	0 lb
	1550 lb
	4289 lb
	305 lb
	0 lb
	0 lb
	0 lb
Structure Total:	6144 lb

Structure Notes:
 ** KYTC STATE PROJECT **
 1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PI AT 28 DAYS.
 3. CASTING BY ICAST (HOE MS-350 F/C)

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



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 24"	Weight (Net): 1550 lb Volume (Net): 0.33cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:29 PM

PC: J. Jarvis



Structure ID: MH K1

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

- P3) 24" - CASTING HEIGHT - 7" 0 lb
 - P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" 2251 lb
 - P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 32" 3374 lb
 - 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1440 lb
 - 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
 - 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
 - 1) CASTING - HOE MC-350 F/C Sanitary 305 lb
 - 1) 48" - Conseal CS-102 1.00" (Double) 0 lb
 - 3) PSX - 12-08 NYLO 24 lb
 - 1) PSX - 12-06 NYLO 8 lb
 - 5) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: 7402 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

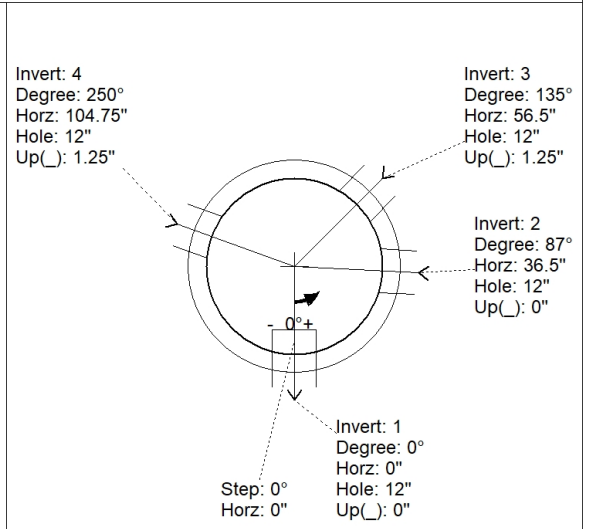
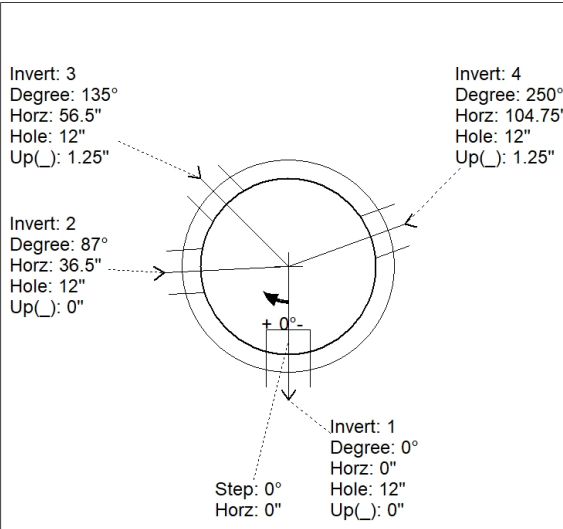
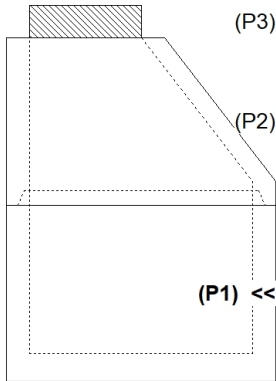
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 880.37' Rim to Invert: 6.08' Slack: 0" Sump: 2.04" Step Position: 0°

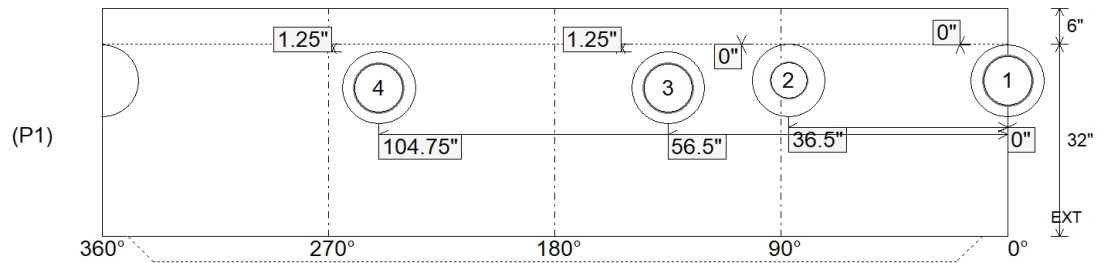
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	874.29'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	874.37'	87°	44"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	0"	0"
Invert 3	874.39'	135°	68.375"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 4	874.39'	250°	126.5"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

Height (Int): 32"
Height (Ext): 38"

Weight (Net): 3374 lb
Volume (Net): 0.86cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:29 PM

PC: J. Jarvis



Structure ID: MH K1

P1A MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

- P3) 24" - CASTING HEIGHT - 7" 0 lb
 - P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" 2251 lb
 - P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 32" 3374 lb
 - 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1440 lb
 - 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
 - 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
 - 1) CASTING - HOE MC-350 F/C Sanitary 305 lb
 - 1) 48" - Conseal CS-102 1.00" (Double) 0 lb
 - 3) PSX - 12-08 NYLO 24 lb
 - 1) PSX - 12-06 NYLO 8 lb
 - 5) MH Step ML-10-TDS-NCR - 10" 0 lb
- Structure Total: 7402 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

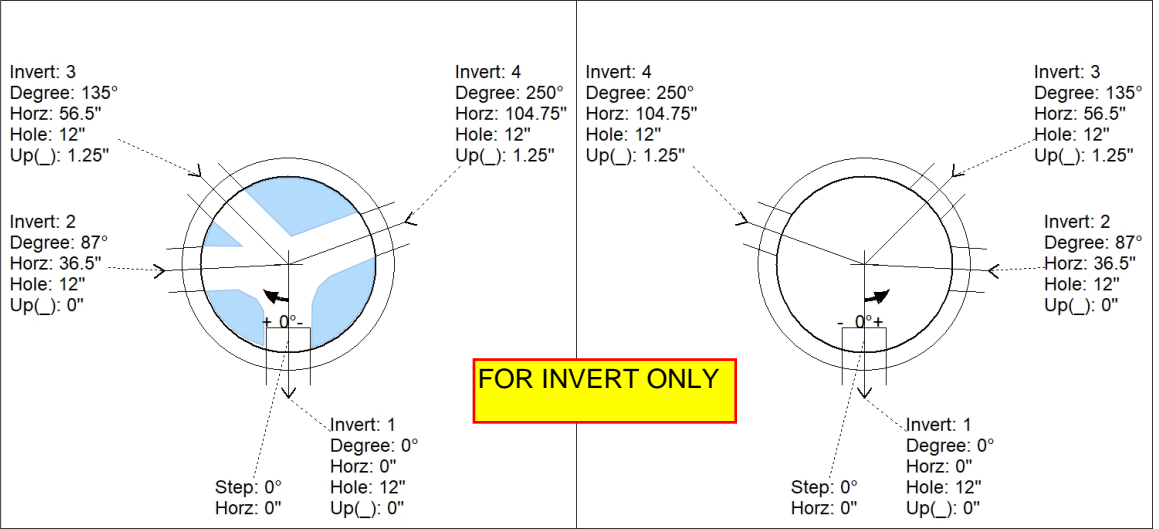
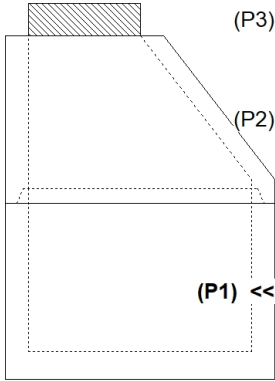
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 880.37' Rim to Invert: 6.08' Slack: 0" Sump: 2.04" Step Position: 0°

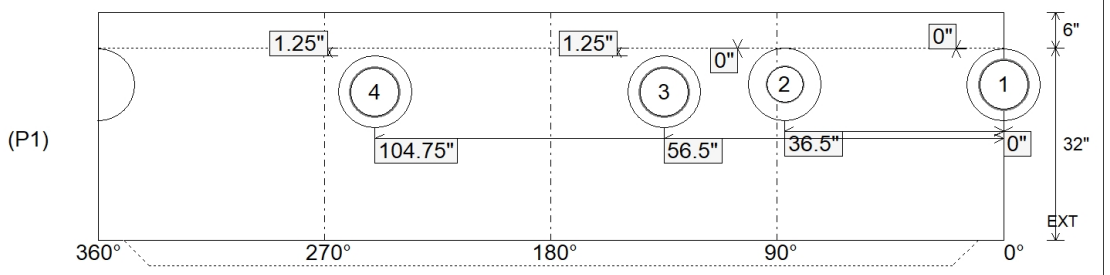
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	874.29'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	874.37'	87°	44"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	0"	0"
Invert 3	874.39'	135°	68.375"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 4	874.39'	250°	126.5"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 32" Height (Ext): 38"	Weight (Net): 3374 lb Volume (Net): 0.86cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:04 PM

PC: J. Jarvis



Structure ID: MH K1

P2 MH048CN36CDARED

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

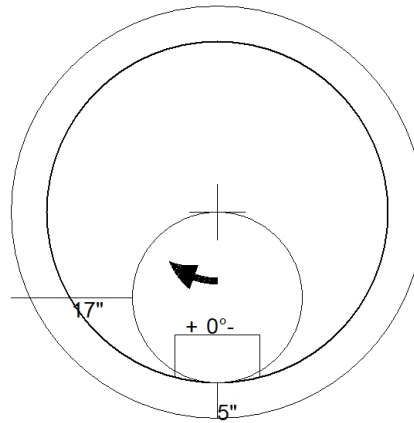
- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 32"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 3) PSX - 12-08 NYLO
- 1) PSX - 12-06 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 3374 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 24 lb
 8 lb
 0 lb

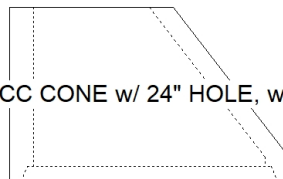
 Structure Total: 7402 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" - (P2)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

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

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:30 PM

PC: J. Jarvis



Structure ID: MH K2

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

- P3) 24" - CASTING HEIGHT - 7" 0 lb
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" 1961 lb
- P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 26" 3051 lb
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1440 lb
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
- 1) CASTING - HOE MC-350 F/C Sanitary 305 lb
- 1) 48" - Conseal CS-102 1.00" (Double) 0 lb
- 2) PSX - 12-08 NYLO 16 lb
- 5) MH Step ML-10-TDS-NCR - 10" 0 lb

Structure Total: 6773 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

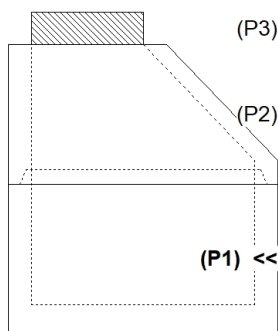
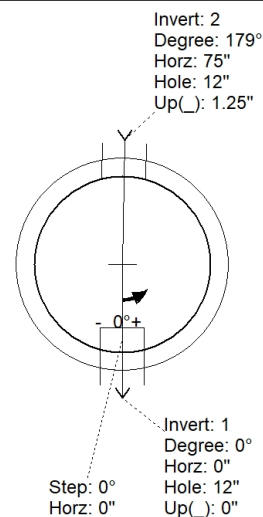
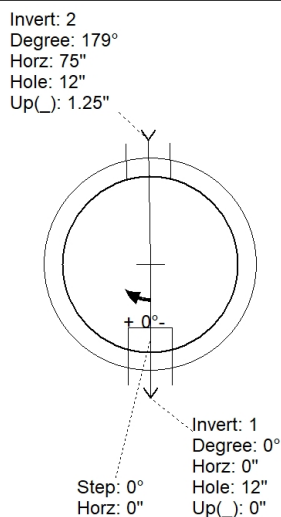
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 885.5' Rim to Invert: 5.1' Slack: 0.2" Sump: 2" Step Position: 0°

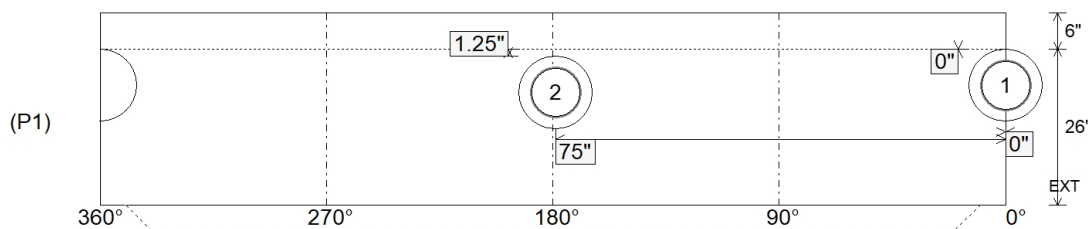
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	880.4'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	880.5'	179°	90.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 5"
Floor Height: 6"

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

Weight (Net): 3051 lb
Volume (Net): 0.78cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:30 PM

PC: J. Jarvis



Structure ID: MH K2

P1A MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 26"	3051 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6773 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

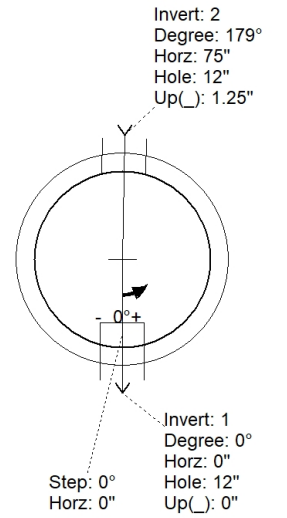
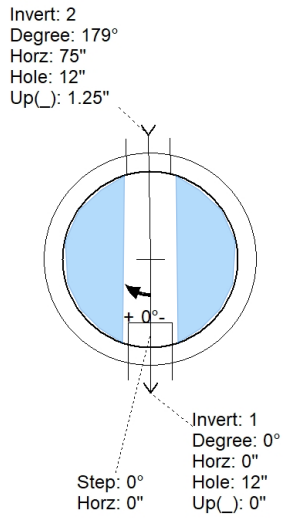
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 885.5' Rim to Invert: 5.1' Slack: 0.2" Sump: 2" Step Position: 0°

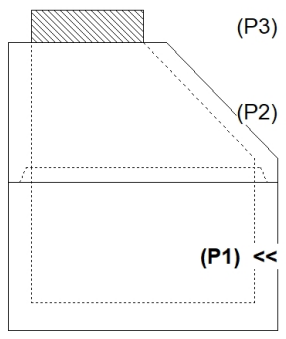
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	880.4'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	880.5'	179°	90.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

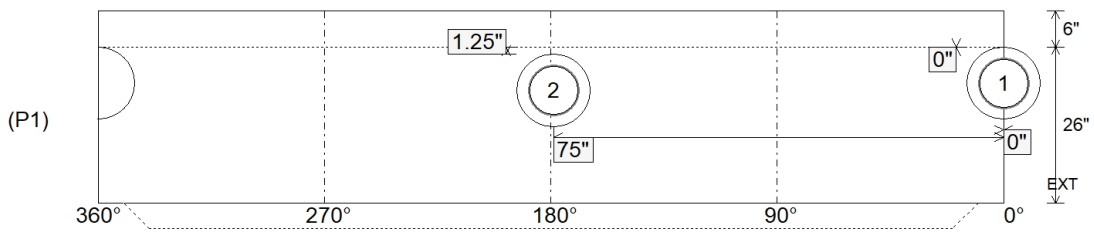
UPSIDE-DOWN VIEW (int. dimensions)



FOR INVERT ONLY



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 26" Height (Ext): 32"	Weight (Net): 3051 lb Volume (Net): 0.78cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:04 PM

PC: J. Jarvis



Structure ID: MH K2

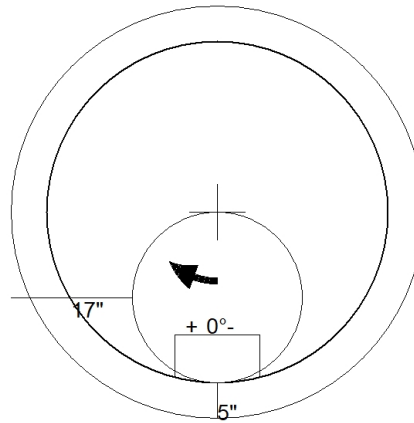
P2 MH048CN30CDARED

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

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 26"	3051 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6773 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" - (P2)



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 30"	Weight (Net): 1961 lb Volume (Net): 0.5cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:35:30 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH K3

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
- P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 25"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 1961 lb
 2981 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 6973 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

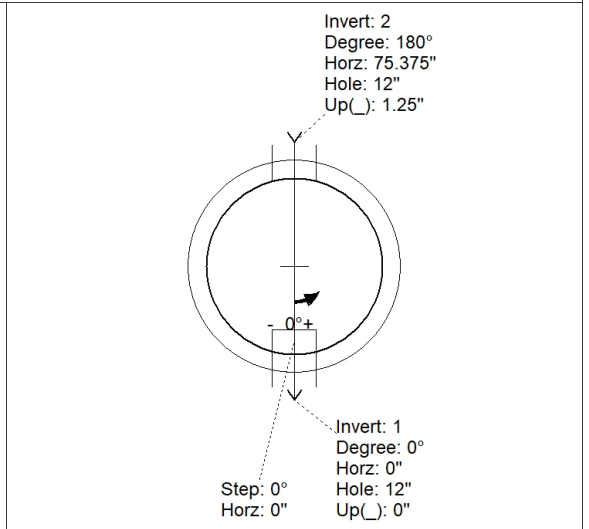
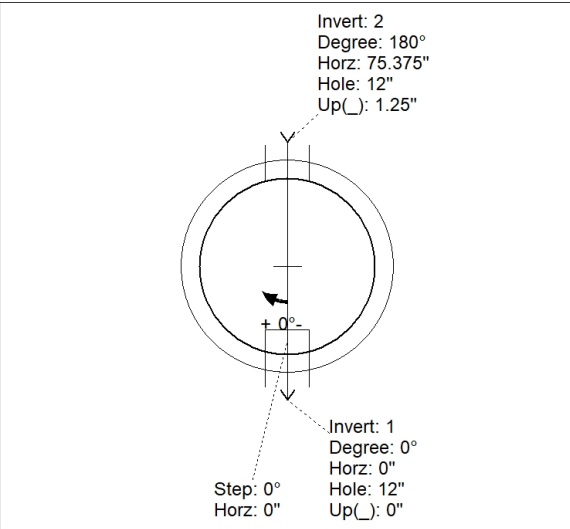
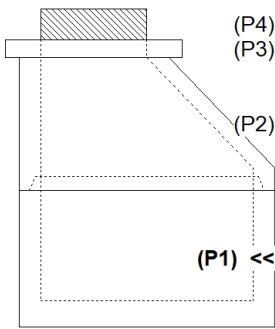
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 889.21' Rim to Invert: 5.38' Slack: 0.56" Sump: 2" Step Position: 0°

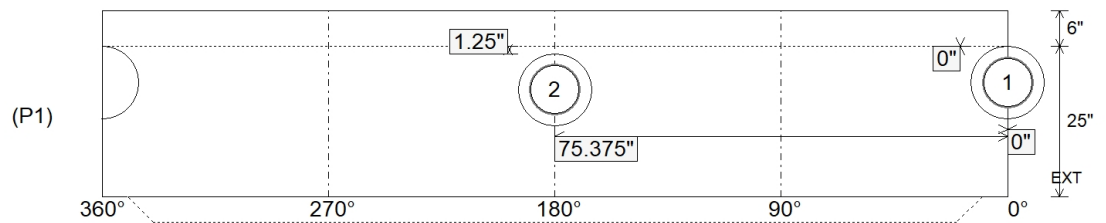
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	883.83'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	883.93'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2981 lb
 Volume (Net): 0.76cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:35:30 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH K3

P1A MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
- P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 25"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 1961 lb
 2981 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 6973 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

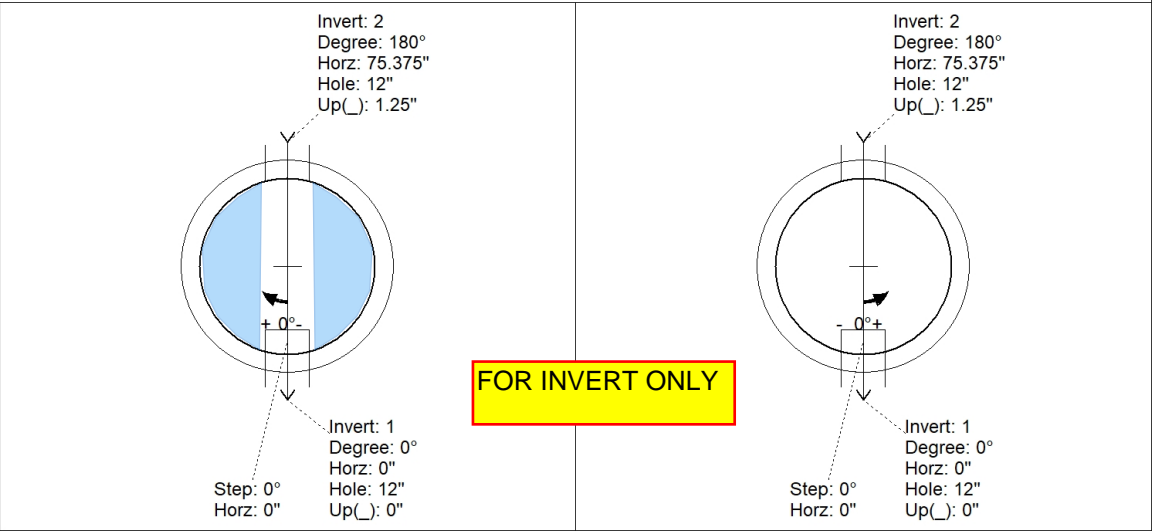
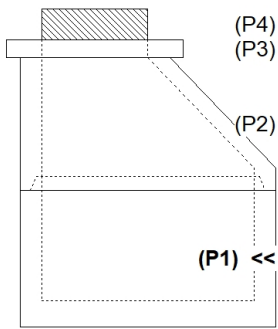
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 889.21' Rim to Invert: 5.38' Slack: 0.56" Sump: 2" Step Position: 0°

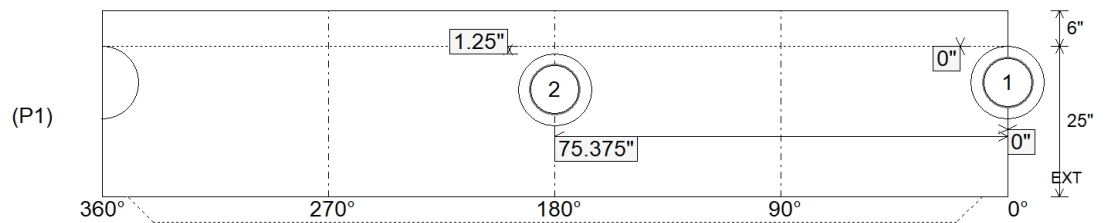
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	883.83'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	883.93'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2981 lb
 Volume (Net): 0.76cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:04 PM

PC: J. Jarvis



Structure ID: MH K3

P2 MH048CN30CDARED

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

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
- P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 25"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 1961 lb
 2981 lb
 1440 lb
 0 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

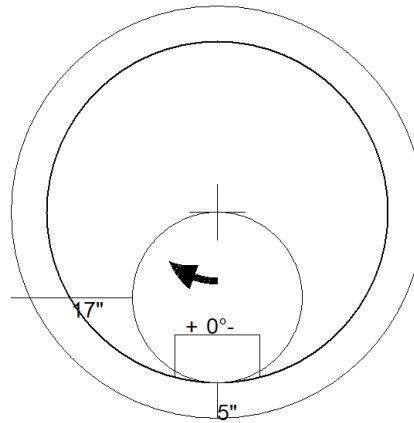
 Structure Total: 6973 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" - (P2)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 30"

Weight (Net): 1961 lb
 Volume (Net): 0.5cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:30 PM

PC: J. Jarvis



Structure ID: MH K4

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 32"	3422 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
3) PSX - 12-08 NYLO	24 lb
6) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7442 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

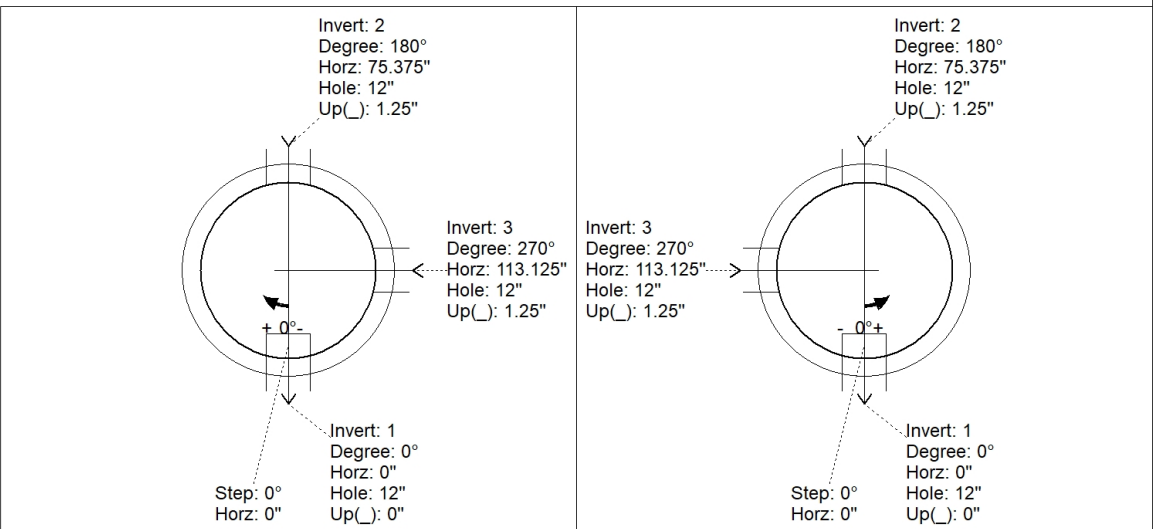
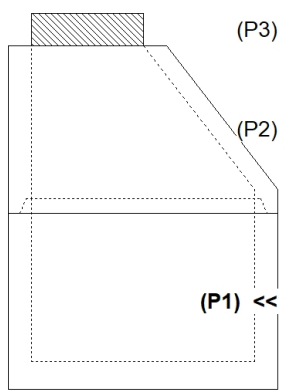
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 891.21' Rim to Invert: 6.1' Slack: 0.2" Sump: 2" Step Position: 0°

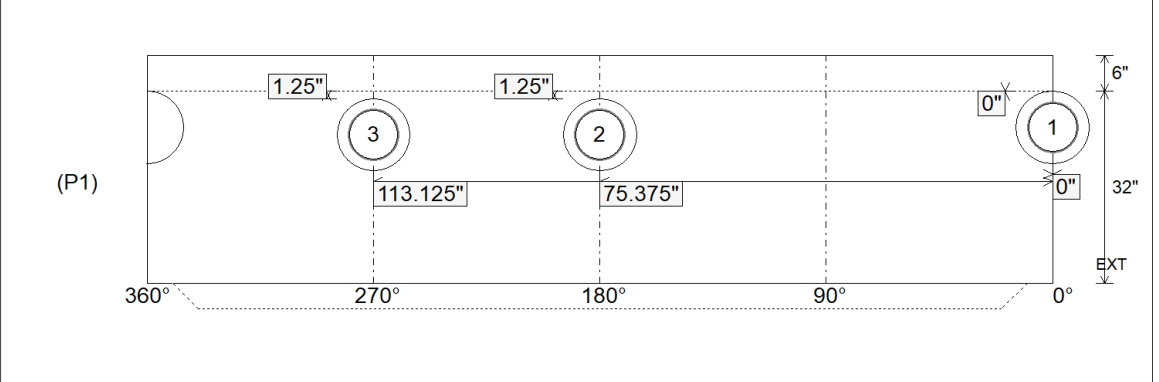
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	885.11'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	885.21'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3	885.21'	270°	136.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 32" Height (Ext): 38"	Weight (Net): 3422 lb Volume (Net): 0.87cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:30 PM

PC: J. Jarvis



Structure ID: MH K4

P1A MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 32"	3422 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
3) PSX - 12-08 NYLO	24 lb
6) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7442 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

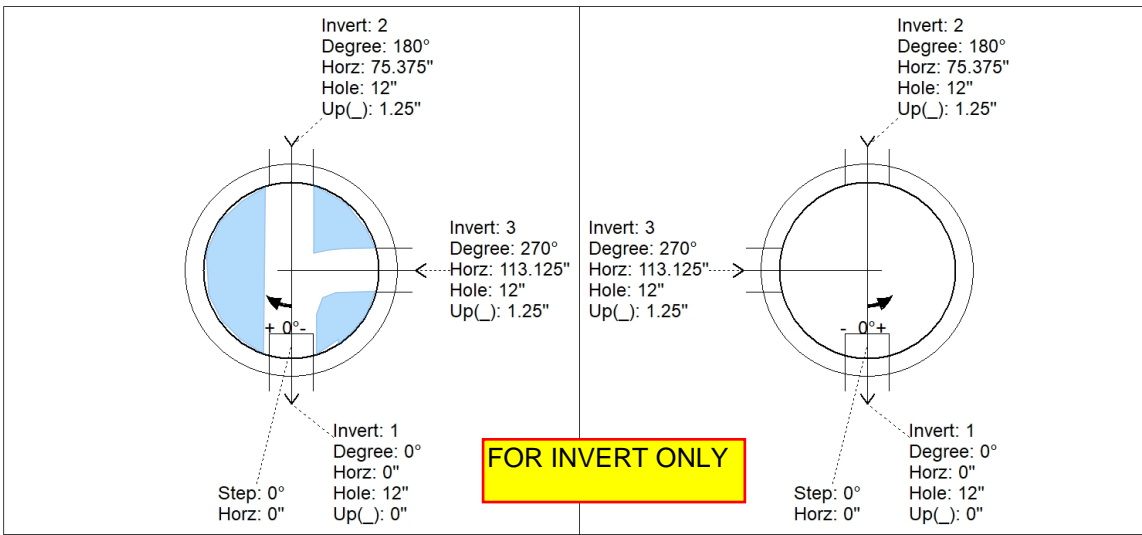
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 891.21' Rim to Invert: 6.1' Slack: 0.2" Sump: 2" Step Position: 0°

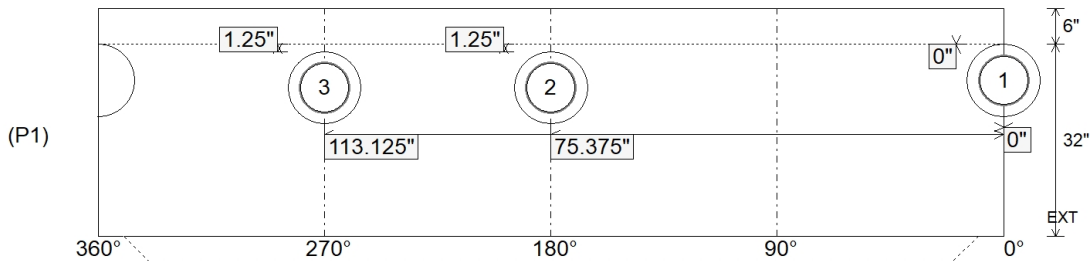
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	885.11'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	885.21'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3	885.21'	270°	136.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 32" Height (Ext): 38"	Weight (Net): 3422 lb Volume (Net): 0.87cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:05 PM

PC: J. Jarvis



Structure ID: MH K4

P2 MH048CN36CDARED

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

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 32"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 3) PSX - 12-08 NYLO
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 3422 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 24 lb
 0 lb

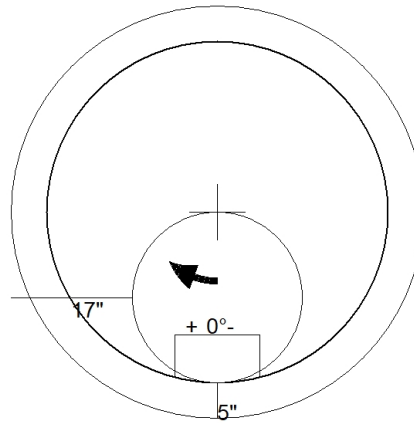
 Structure Total: 7442 lb

Structure Notes:

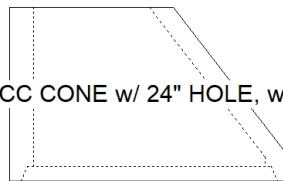
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" - (P2)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

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

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:31 PM

PC: J. Jarvis



Structure ID: MH K5

P1 MH048BA18CDARED

MH BASE w/ConBlock-CDA Red T/n

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 7) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 3116 lb
 1677 lb
 2492 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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

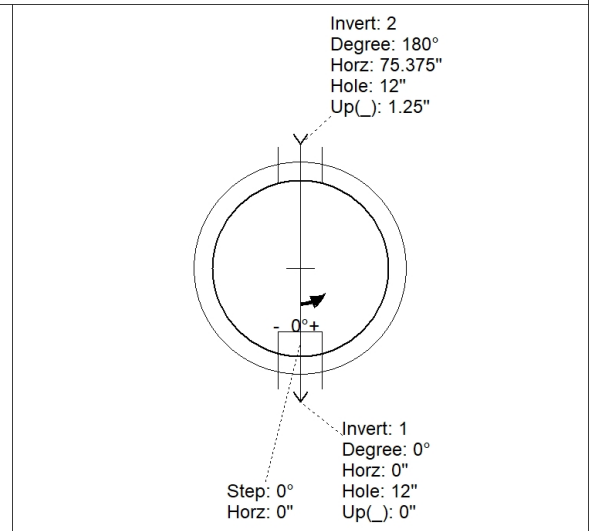
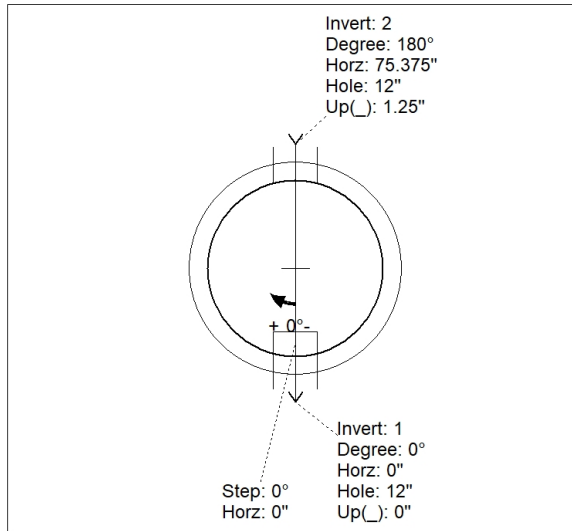
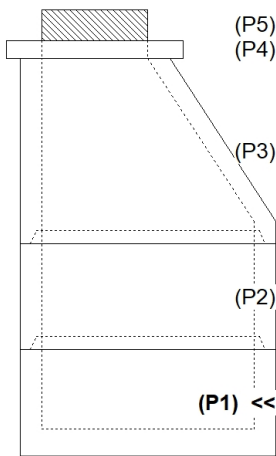
Structure Total: 9316 lb

Rim: 900.76' Rim to Invert: 7.83' Slack: 0.96" Sump: 2" Step Position: 0°

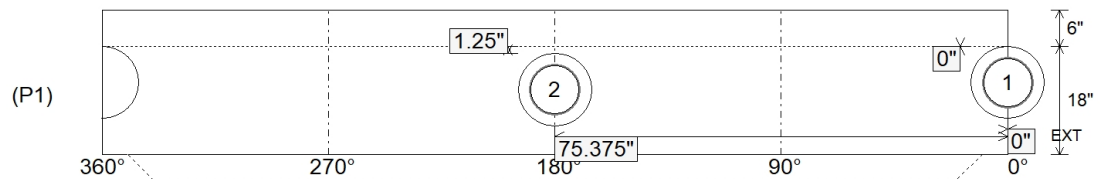
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	892.93'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	893.03'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2492 lb
 Volume (Net): 0.64cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:31 PM

PC: J. Jarvis



Structure ID: MH K5

P1A MH048BA18CDARED

MH BASE w/ConBlock-CDA Red T/n

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 7) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 270 lb
- 3116 lb
- 1677 lb
- 2492 lb
- 1440 lb
- 0 lb
- 0 lb
- 305 lb
- 0 lb
- 16 lb
- 0 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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

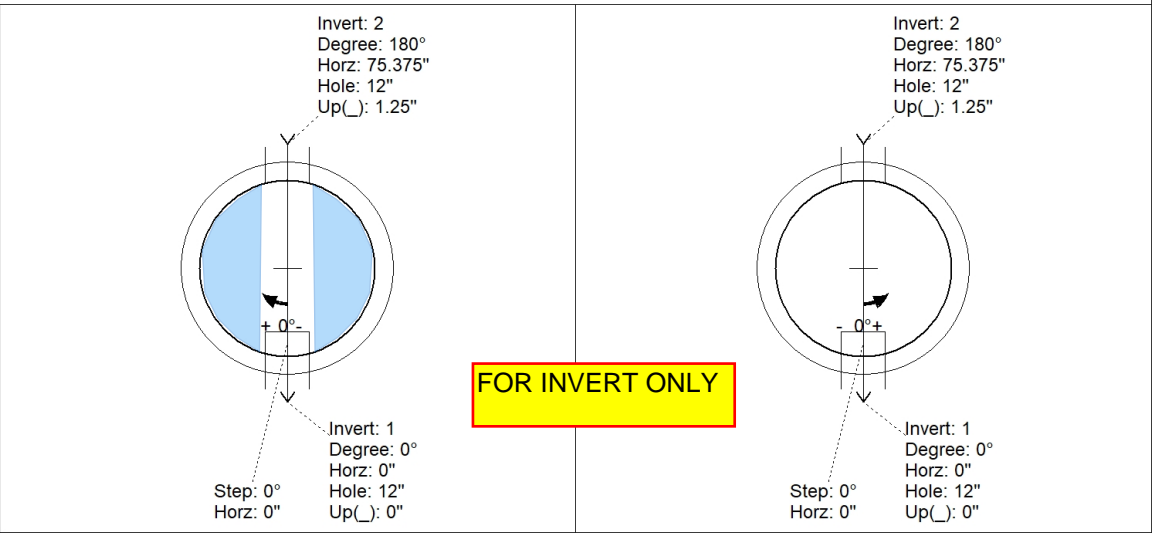
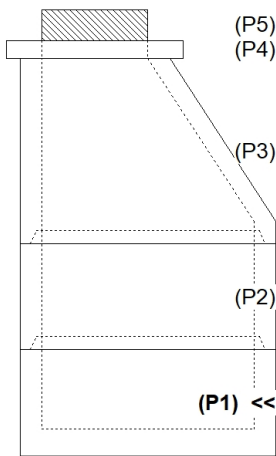
Structure Total: 9316 lb

Rim: 900.76' Rim to Invert: 7.83' Slack: 0.96" Sump: 2" Step Position: 0°

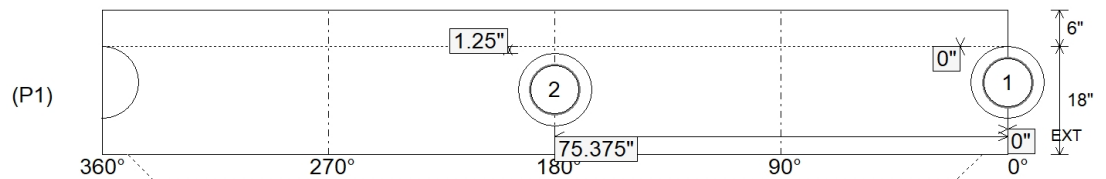
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	892.93'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	893.03'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2492 lb
 Volume (Net): 0.64cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:16 PM

PC: J. Jarvis



Structure ID: MH K5

P2 MH048RS24CDARED

MH RISER w/ConBlock-CDA Red T/G

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 7) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 270 lb
- 3116 lb
- 1677 lb
- 2492 lb
- 1440 lb
- 0 lb
- 0 lb
- 305 lb
- 0 lb
- 16 lb
- 0 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

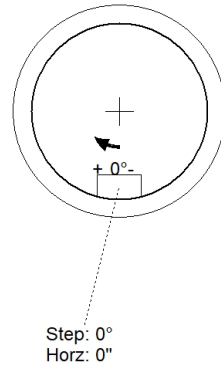
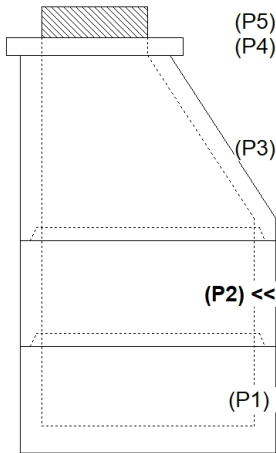
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Structure Total: 9316 lb

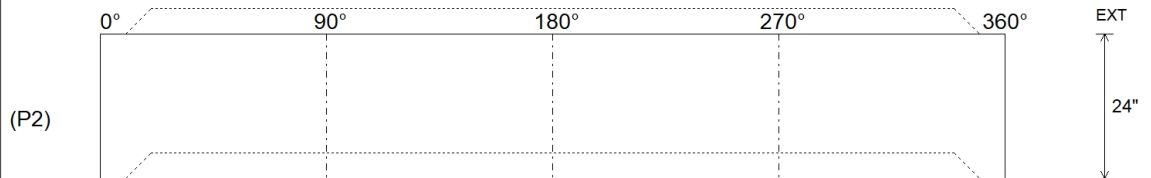
Rim: 900.76' Rim to Invert: 7.83' Slack: 0.96" Sump: 2" Step Position: 0°

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: Groove

Wall Thickness: 5"
 Floor Height: 0"

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

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

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:05 PM

PC: J. Jarvis



Structure ID: MH K5

P3 MH048CN42CDARED

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

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 7) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 270 lb
- 3116 lb
- 1677 lb
- 2492 lb
- 1440 lb
- 0 lb
- 0 lb
- 0 lb
- 305 lb
- 0 lb
- 16 lb
- 0 lb

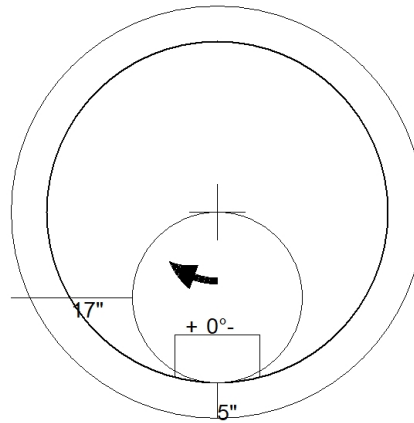
Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

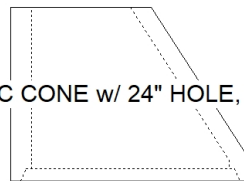
REINFORCING PER ASTM A615 (GRADE 60).

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

Structure Total: 9316 lb



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" - (P3)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 42"

Weight (Net): 3116 lb
 Volume (Net): 0.8cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

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PC: J. Jarvis



Structure ID: MH K5

P4 GR4CDARED

GRADE RING w/ConBlock-CDA Red F/F

- P5) 24" - CASTING HEIGHT - 7"
- P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"
- P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 24"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 2) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 7) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 270 lb
- 3116 lb
- 1677 lb
- 2492 lb
- 1440 lb
- 0 lb
- 0 lb
- 305 lb
- 0 lb
- 16 lb
- 0 lb

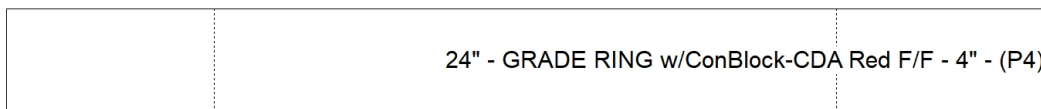
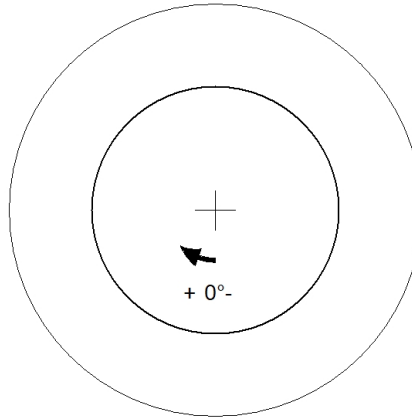
Structure Total: 9316 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 4"

Weight (Net): 270 lb
 Volume (Net): 0.07cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:31 PM

PC: J. Jarvis



Structure ID: MH K6

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 26"	3099 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6813 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

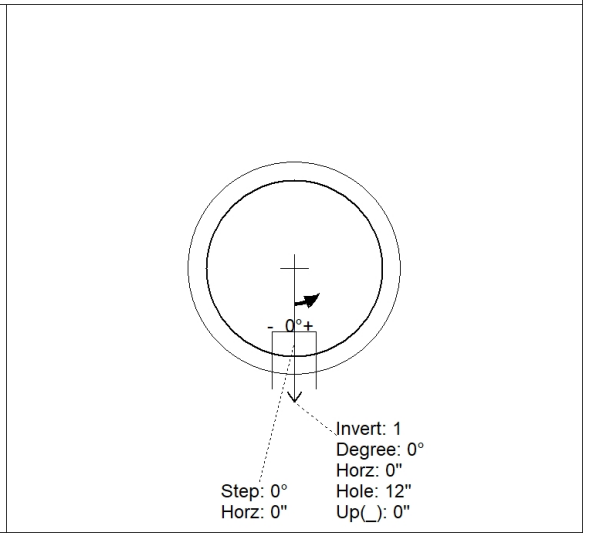
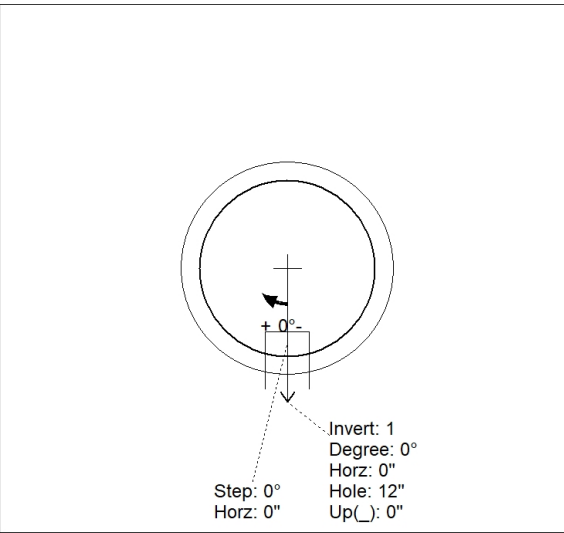
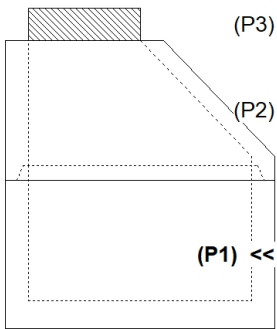
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 902.12' Rim to Invert: 5.16' Slack: 0.92" Sump: 2" Step Position: 0°

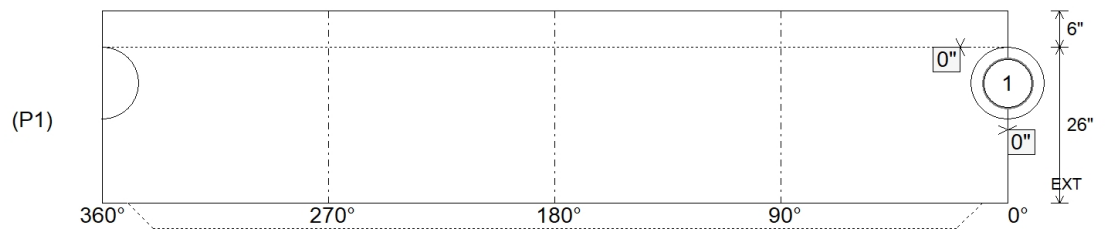
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	896.96'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 26" Height (Ext): 32"	Weight (Net): 3099 lb Volume (Net): 0.79cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:31 PM

PC: J. Jarvis



Structure ID: MH K6

P1A MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 26"	3099 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6813 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

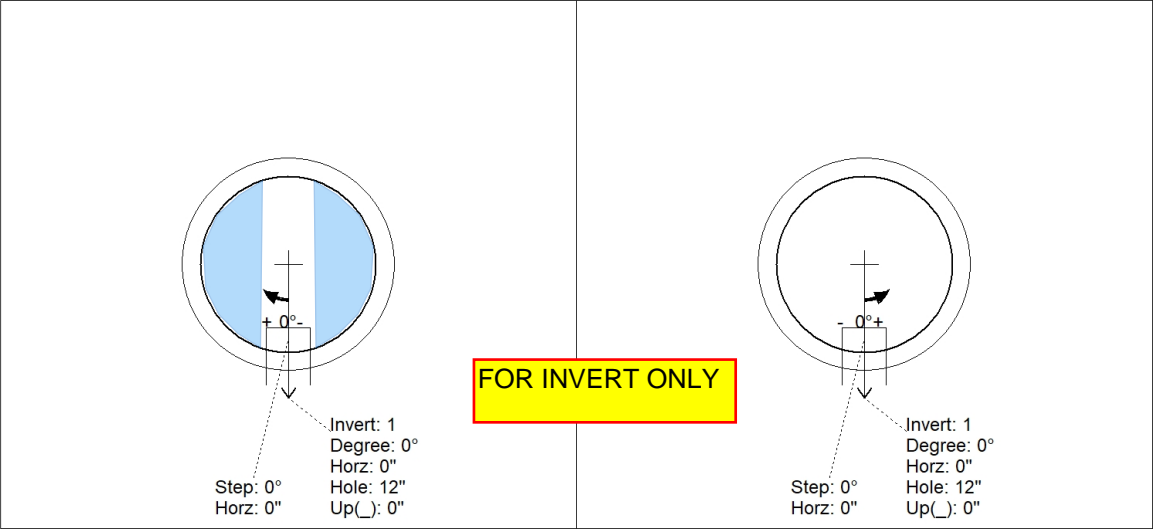
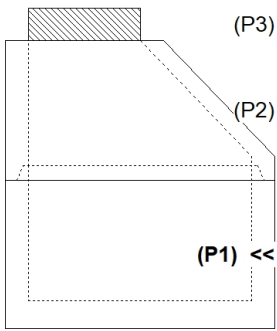
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 902.12' Rim to Invert: 5.16' Slack: 0.92" Sump: 2" Step Position: 0°

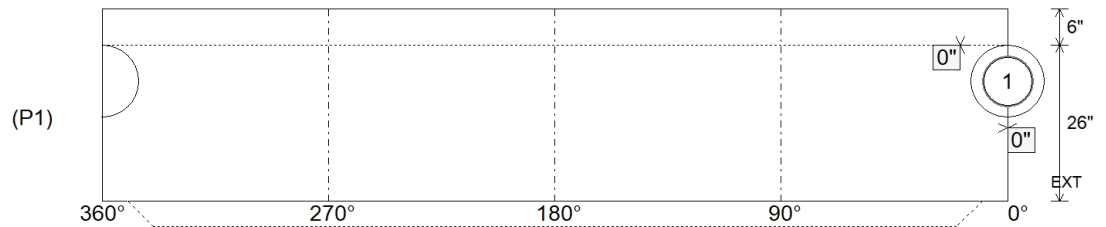
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	896.96'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 26" Height (Ext): 32"	Weight (Net): 3099 lb Volume (Net): 0.79cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

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PC: J. Jarvis



Structure ID: MH K6

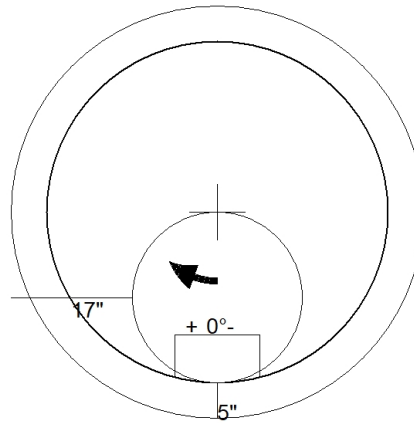
P2 MH048CN30CDARED

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

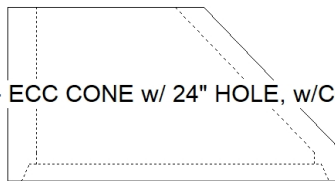
P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 26"	3099 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6813 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" - (P2)



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 30"	Weight (Net): 1961 lb Volume (Net): 0.5cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:32 PM

PC: J. Jarvis



Structure ID: MH L1

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 20"	2632 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6644 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

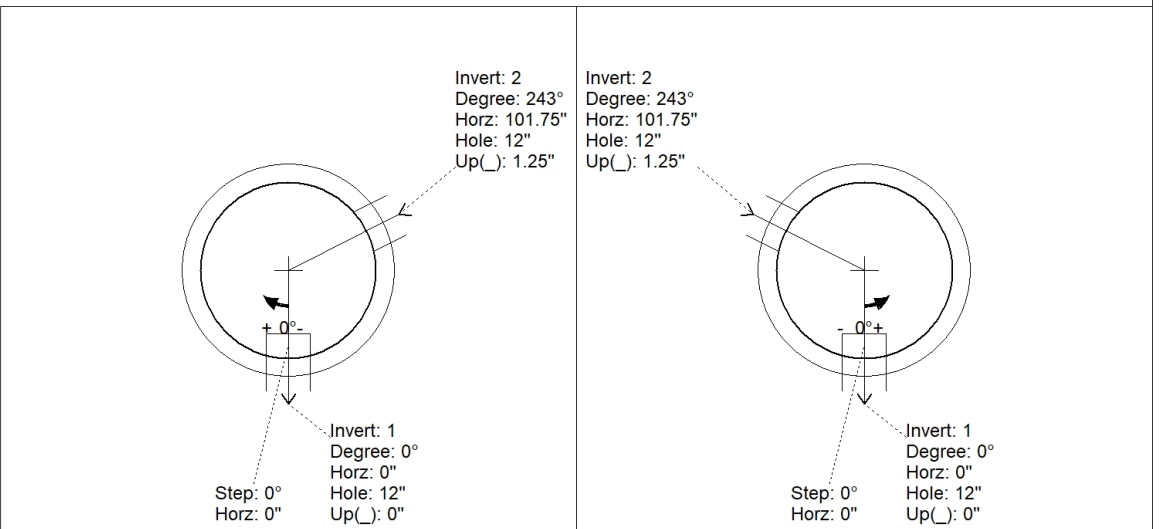
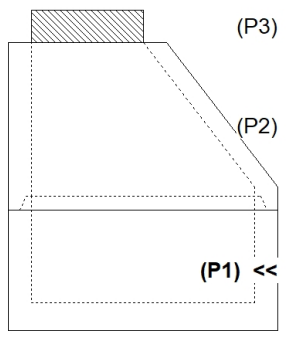
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 881.75' Rim to Invert: 5.1' Slack: 0.2" Sump: 2" Step Position: 0°

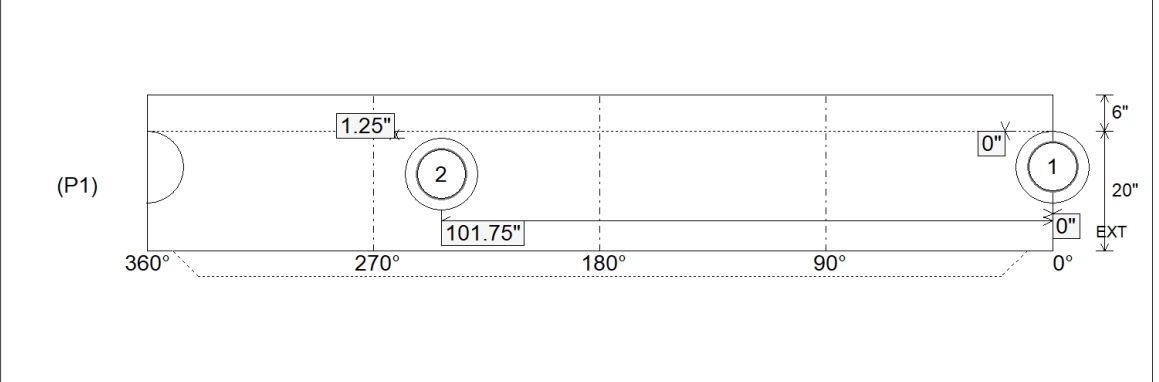
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	876.65'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	876.75'	243°	123"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 20" Height (Ext): 26"	Weight (Net): 2632 lb Volume (Net): 0.67cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:32 PM

PC: J. Jarvis



Structure ID: MH L1

P1A MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 20"	2632 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6644 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

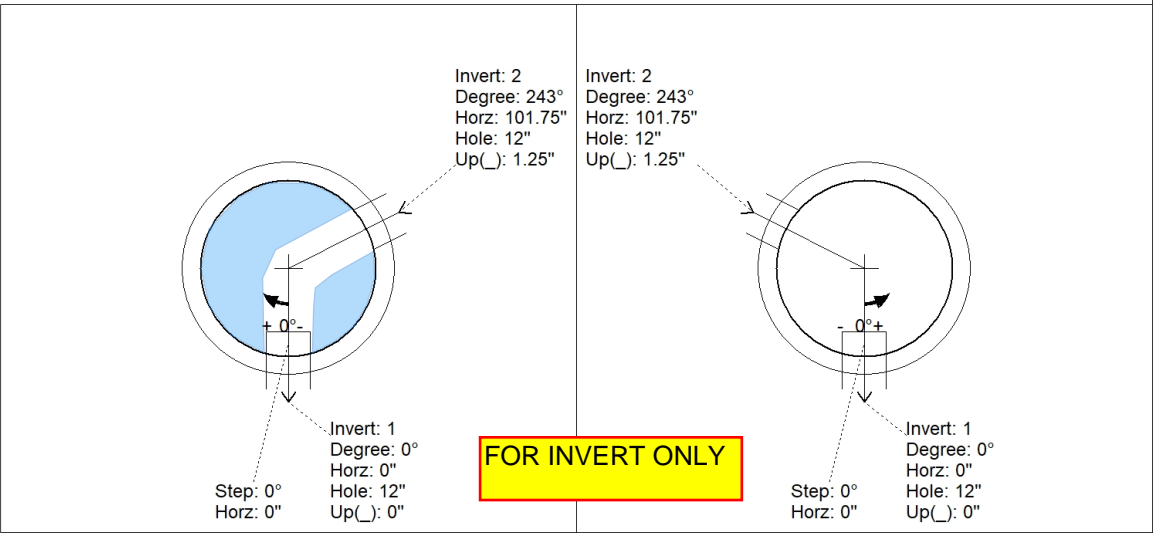
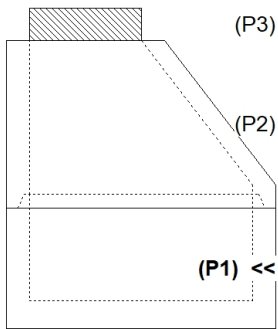
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 881.75' Rim to Invert: 5.1' Slack: 0.2" Sump: 2" Step Position: 0°

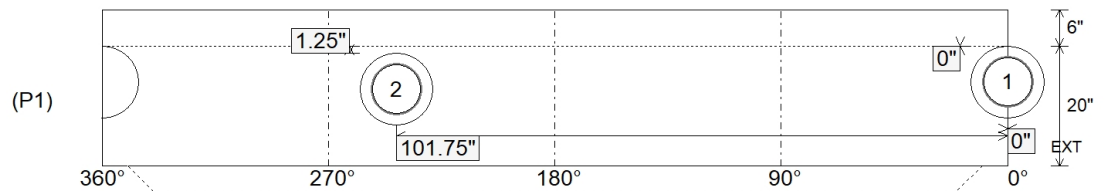
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	876.65'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	876.75'	243°	123"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 20"
 Height (Ext): 26"

Weight (Net): 2632 lb
 Volume (Net): 0.67cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:06 PM

PC: J. Jarvis



Structure ID: MH L1

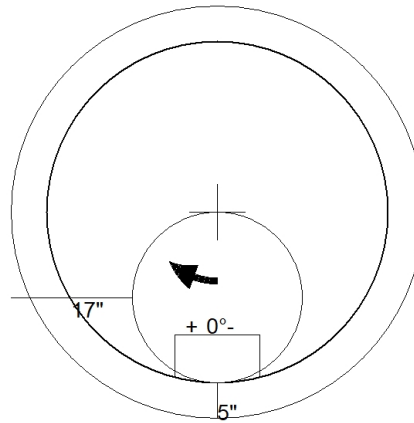
P2 MH048CN36CDARED

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

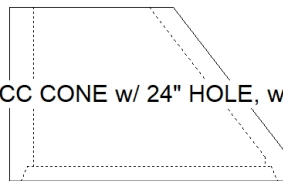
P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 20"	2632 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6644 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" - (P2)



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 36"	Weight (Net): 2251 lb Volume (Net): 0.57cu.yd
----------------------------------	----------------------------------	--------------------	-------------------	--

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:32 PM

PC: J. Jarvis



Structure ID: MH L2

P1 MH048BA18CDARED

MH BASE w/ConBlock-CDA Red T/n

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 1) PSX - 12-08 NYLO
- 4) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 2540 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 8 lb
 0 lb

 Structure Total: 6544 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

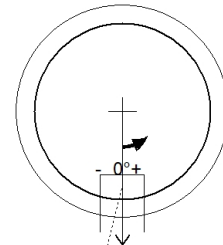
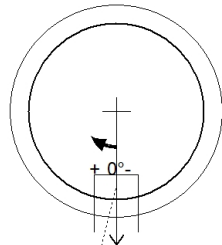
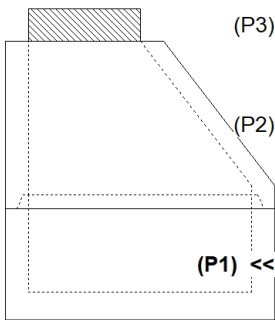
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 885.15' Rim to Invert: 5' Slack: 1" Sump: 2" Step Position: 0°

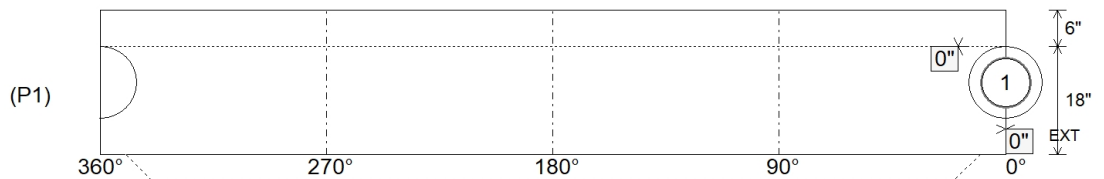
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	880.15'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2540 lb
 Volume (Net): 0.65cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:32 PM

PC: J. Jarvis



Structure ID: MH L2

P1A MH048BA18CDARED

MH BASE w/ConBlock-CDA Red T/n

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 1) PSX - 12-08 NYLO
- 4) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 2540 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 8 lb
 0 lb

 Structure Total: 6544 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

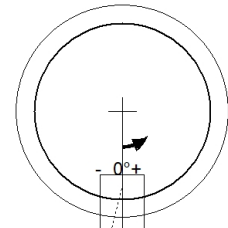
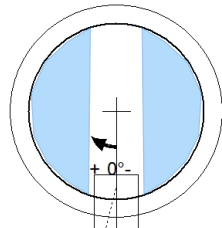
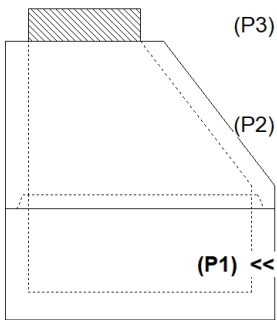
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 885.15' Rim to Invert: 5' Slack: 1" Sump: 2" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	880.15'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

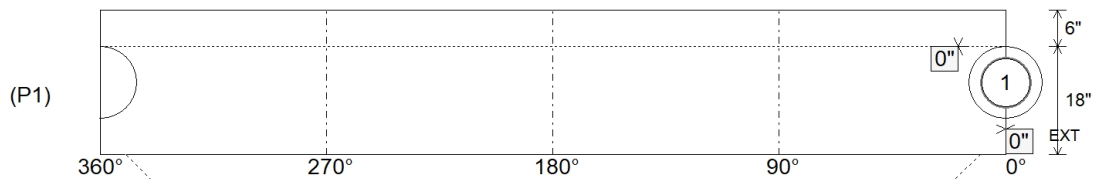
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



FOR INVERT ONLY

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 2540 lb
 Volume (Net): 0.65cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:06 PM

PC: J. Jarvis



Structure ID: MH L2

P2 MH048CN36CDARED

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

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 1) PSX - 12-08 NYLO
- 4) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 2540 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 8 lb
 0 lb

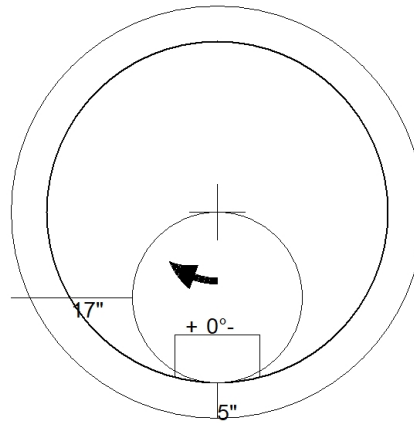
 Structure Total: 6544 lb

Structure Notes:

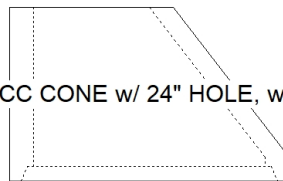
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" - (P2)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

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

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:32 PM

PC: J. Jarvis



Structure ID: MH M1

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 31"	3448 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7452 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

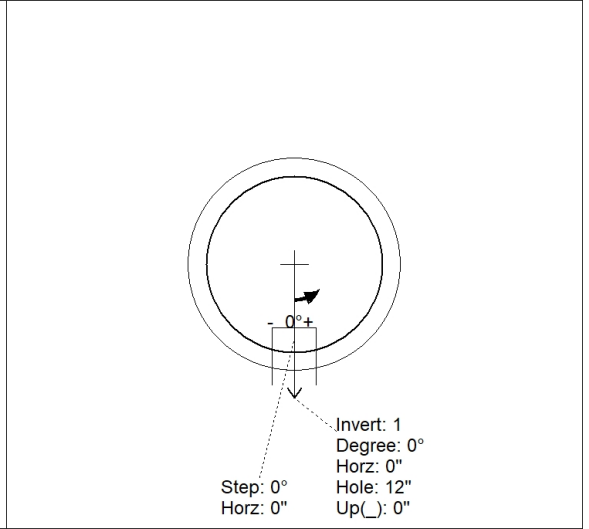
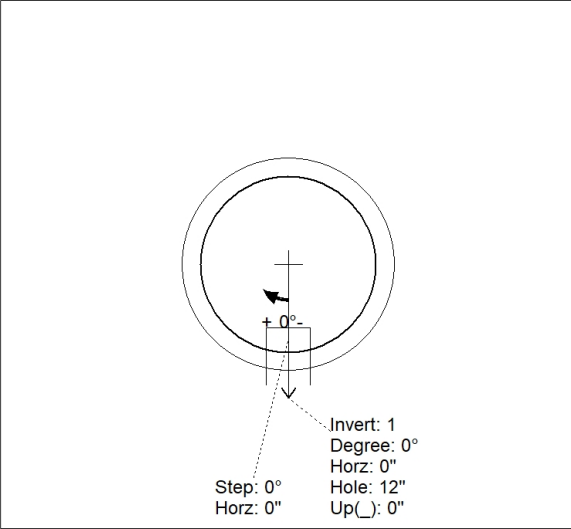
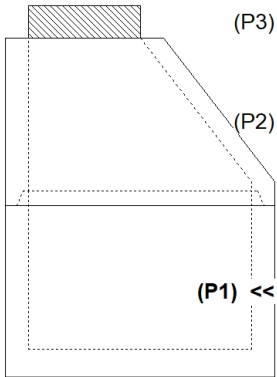
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 893.24' Rim to Invert: 6.05' Slack: 0.6" Sump: 2" Step Position: 0°

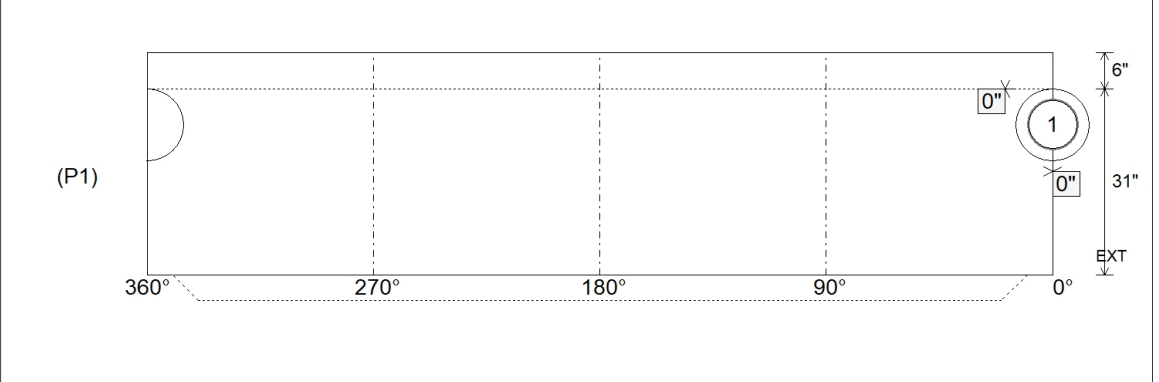
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	887.19'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 31" Height (Ext): 37"	Weight (Net): 3448 lb Volume (Net): 0.88cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:32 PM

PC: J. Jarvis



Structure ID: MH M1

P1A MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 31"	3448 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7452 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

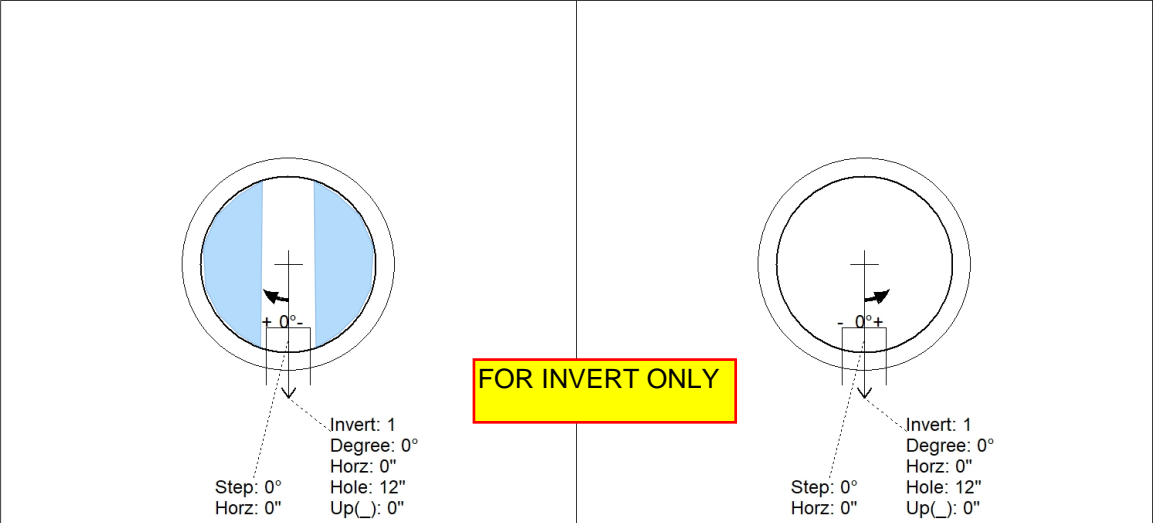
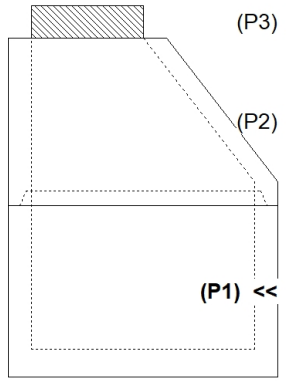
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 893.24' Rim to Invert: 6.05' Slack: 0.6" Sump: 2" Step Position: 0°

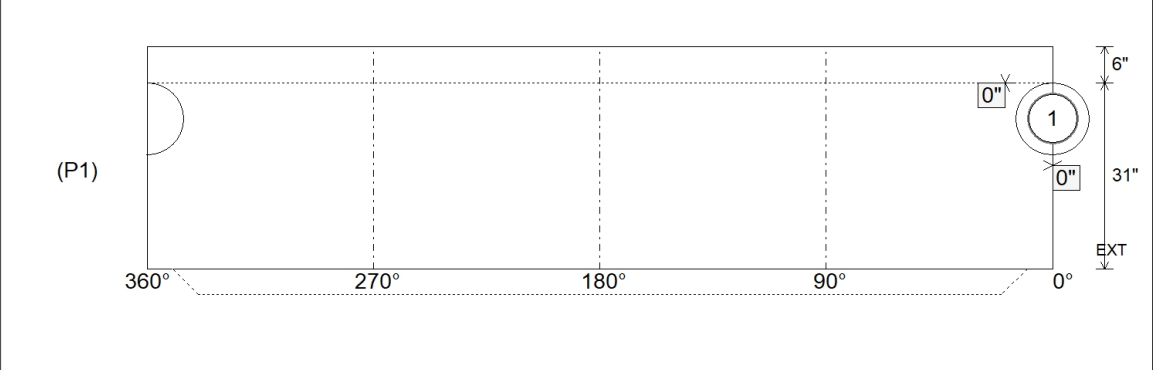
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	887.19'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 31" Height (Ext): 37"	Weight (Net): 3448 lb Volume (Net): 0.88cu.yd
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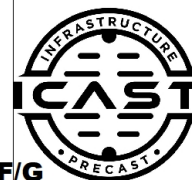
Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:07 PM

PC: J. Jarvis



Structure ID: MH M1

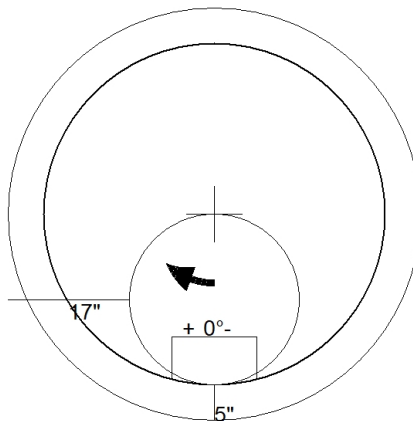
P2 MH048CN36CDARED

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

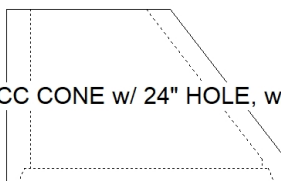
P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 31"	3448 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7452 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" - (P2)



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 36"	Weight (Net): 2251 lb Volume (Net): 0.57cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:33 PM

PC: J. Jarvis



Structure ID: MH N2

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"	270 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 31"	3400 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12M NYLO	8 lb
1) PSX - 12-08 NYLO	8 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8547 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

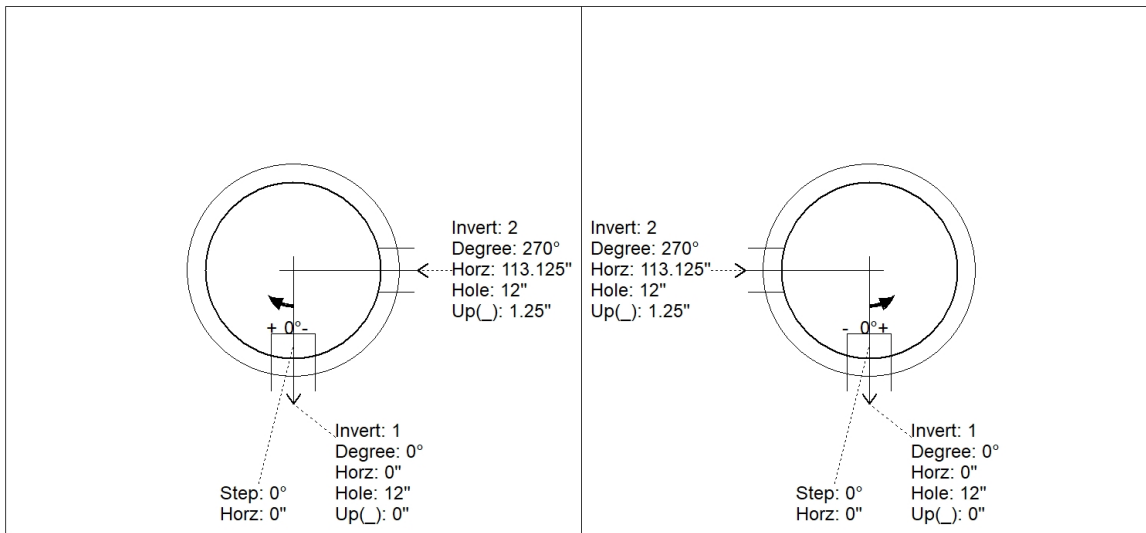
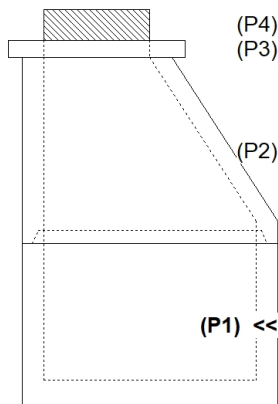
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 878.17' Rim to Invert: 6.91' Slack: 0.92' Sump: 2' Step Position: 0°

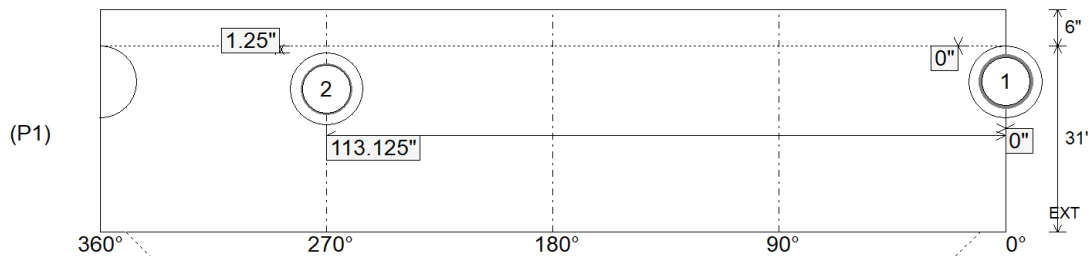
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	871.26'	0°	0"	8" DI	9"	PSX 12M NYLO	12"	12.129"	0"	0"
Invert 2	871.36'	270°	136.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3400 lb
 Volume (Net): 0.87cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:33 PM

PC: J. Jarvis



Structure ID: MH N2

P1A MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"	270 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 31"	3400 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12M NYLO	8 lb
1) PSX - 12-08 NYLO	8 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8547 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

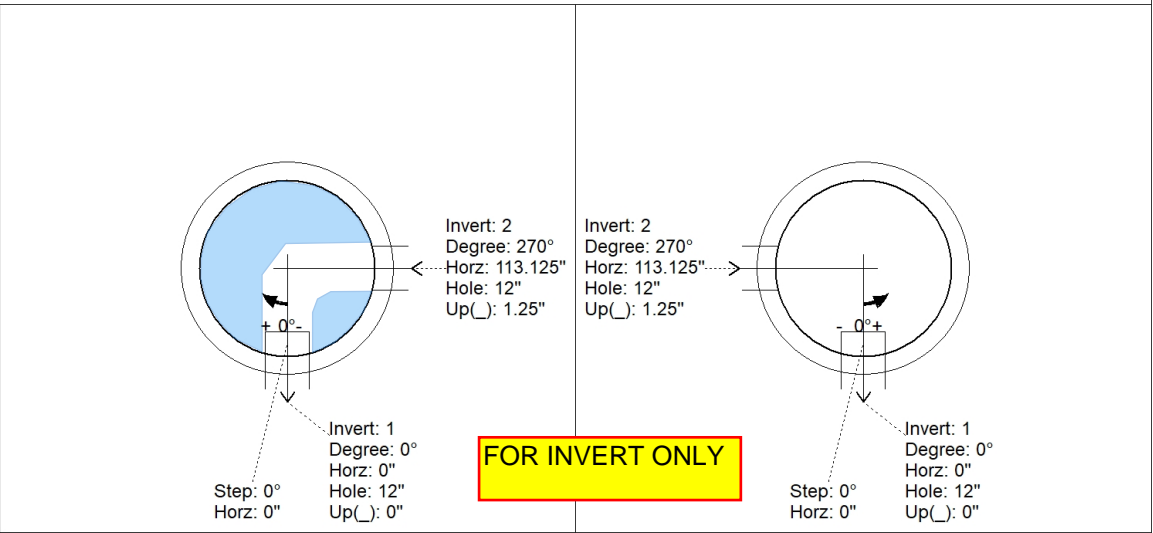
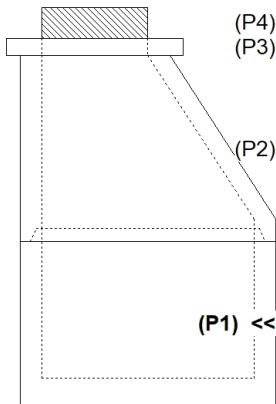
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 878.17' Rim to Invert: 6.91' Slack: 0.92' Sump: 2' Step Position: 0°

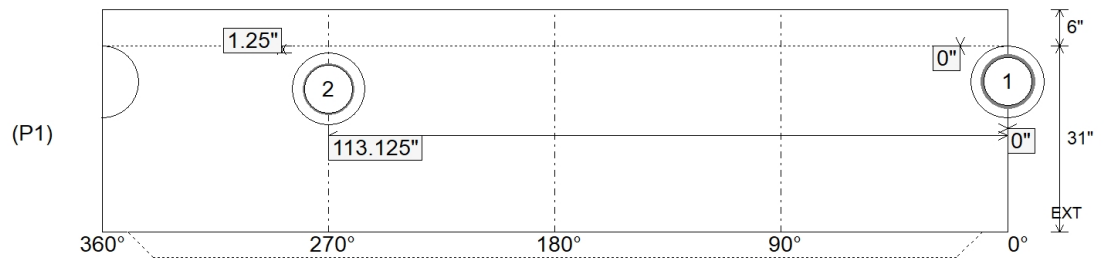
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	871.26'	0°	0"	8" DI	9"	PSX 12M NYLO	12"	12.129"	0"	0"
Invert 2	871.36'	270°	136.625"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 31" Height (Ext): 37"	Weight (Net): 3400 lb Volume (Net): 0.87cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:07 PM

PC: J. Jarvis



Structure ID: MH N2

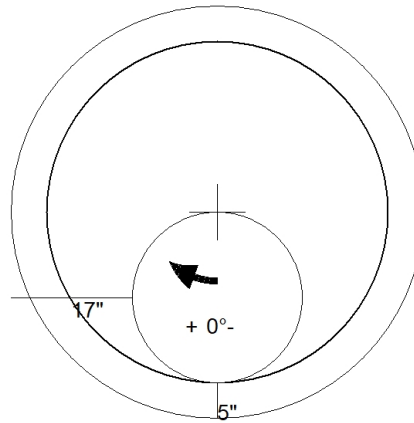
P2 MH048CN42CDARED

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

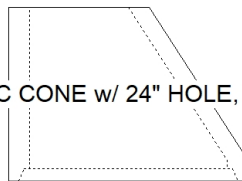
P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"	270 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 31"	3400 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12M NYLO	8 lb
1) PSX - 12-08 NYLO	8 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8547 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



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



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 42"	Weight (Net): 3116 lb Volume (Net): 0.8cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:07 PM

PC: J. Jarvis



Structure ID: MH N2

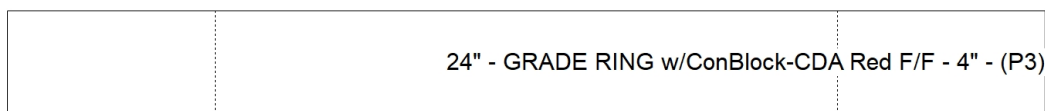
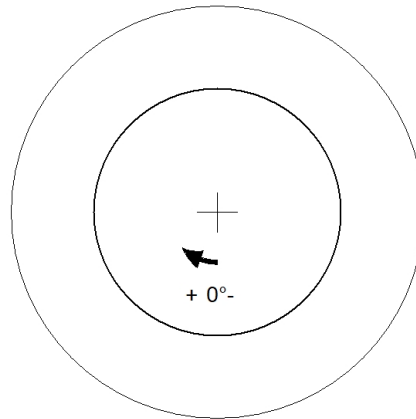
P3 GR4CDARED

GRADE RING w/ConBlock-CDA Red F/F

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"	270 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 31"	3400 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12M NYLO	8 lb
1) PSX - 12-08 NYLO	8 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8547 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 4"	Weight (Net): 270 lb Volume (Net): 0.07cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

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PC: J. Jarvis



Structure ID: MH N3

P1 MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 7" 0 lb
- P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3" 202 lb
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" 2251 lb
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24" 2911 lb
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT 1440 lb
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 0 lb
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 0 lb
- 1) CASTING - HOE MC-350 F/C Sanitary 305 lb
- 1) 48" - Conseal CS-102 1.00" (Double) 0 lb
- 2) PSX - 12-08 NYLO 16 lb
- 2) MH Step ML-10-TDS-NCR - 10" 0 lb

Structure Total: 7126 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

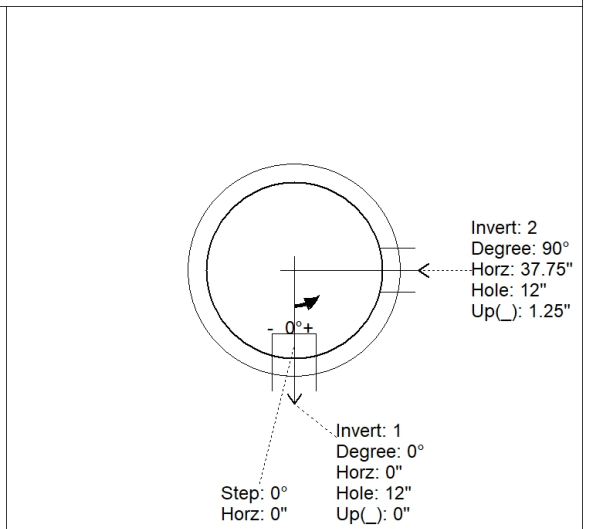
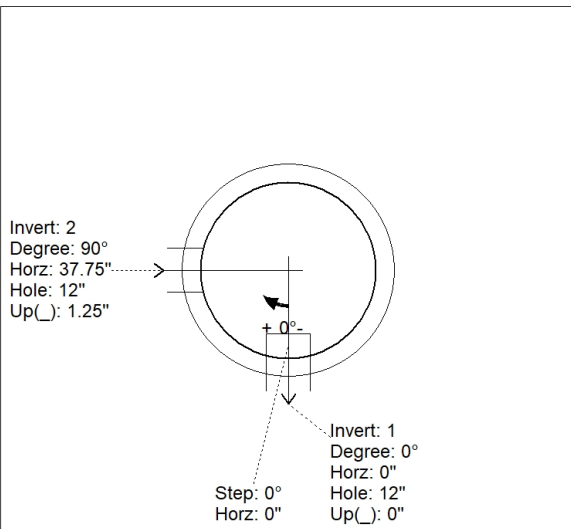
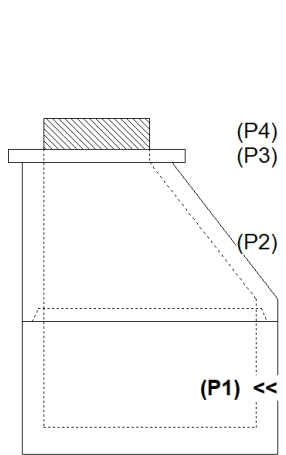
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 877.7' Rim to Invert: 5.7' Slack: 0.4" Sump: 2" Step Position: 0°

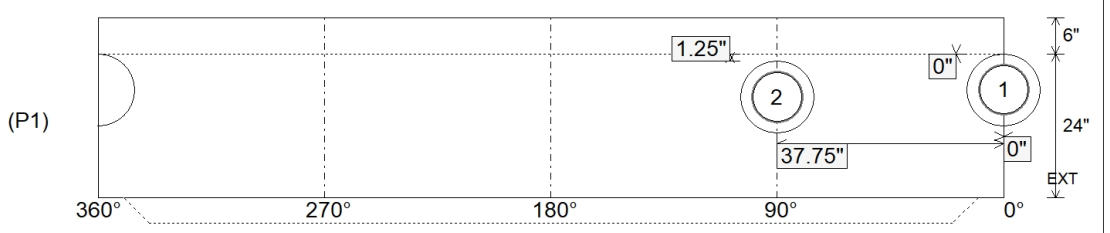
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	872'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	872.1'	90°	45.5"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2911 lb Volume (Net): 0.74cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:35:34 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH N3

P1A MH048BA24CDARED

MH BASE w/ConBlock-CDA Red T/n

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"	202 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"	2911 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7126 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

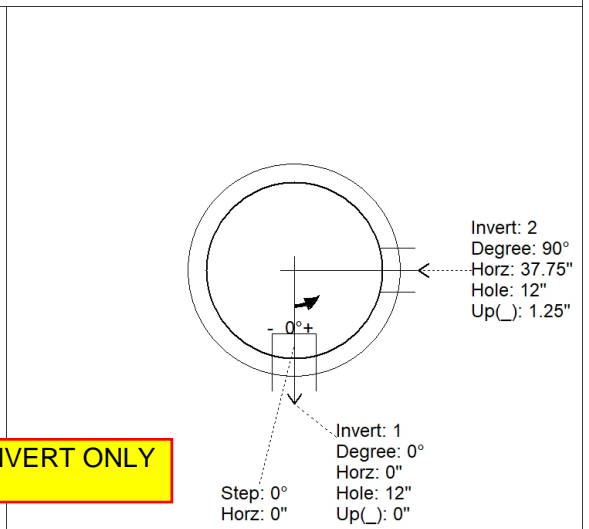
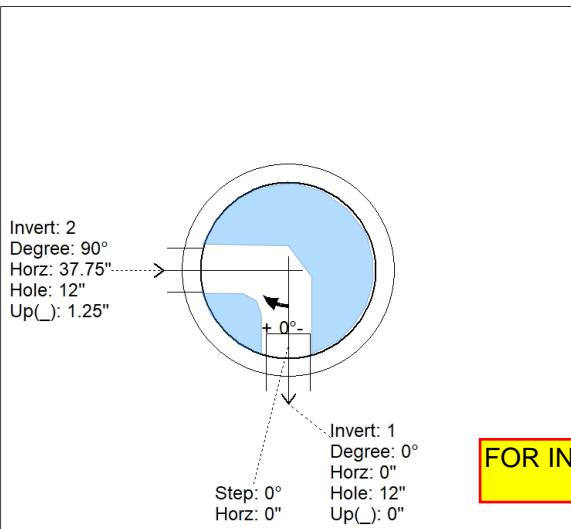
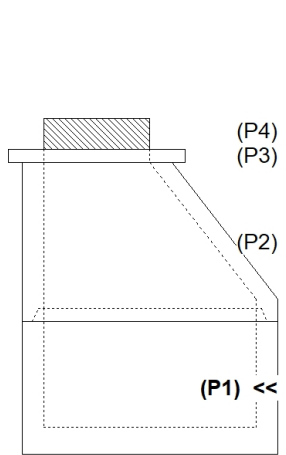
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 877.7' Rim to Invert: 5.7' Slack: 0.4" Sump: 2" Step Position: 0°

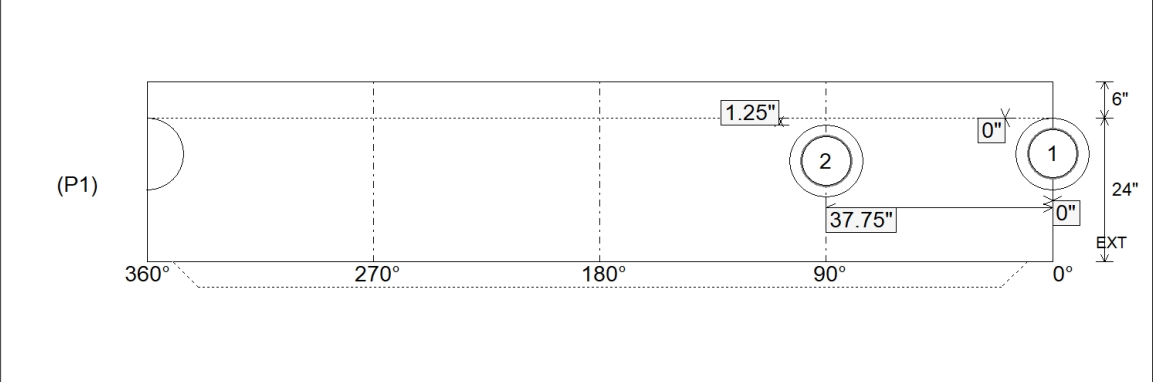
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	872'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	872.1'	90°	45.5"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 24" Height (Ext): 30"	Weight (Net): 2911 lb Volume (Net): 0.74cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:08 PM

PC: J. Jarvis



Structure ID: MH N3

P2 MH048CN36CDARED

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

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 2) MH Step ML-10-TDS-NCR - 10"

0 lb
 202 lb
 2251 lb
 2911 lb
 1440 lb
 0 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

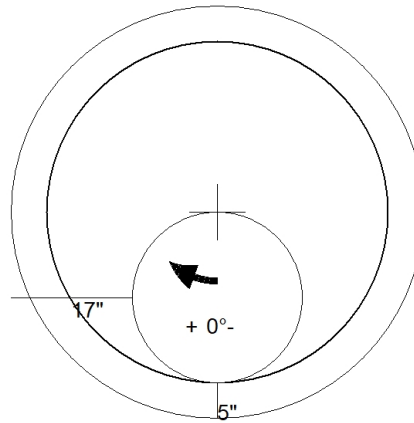
 Structure Total: 7126 lb

Structure Notes:

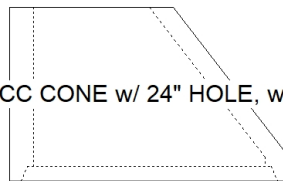
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" - (P2)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

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

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:08 PM

PC: J. Jarvis



Structure ID: MH N3

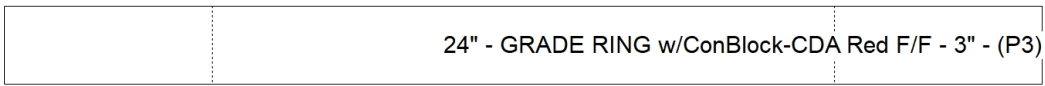
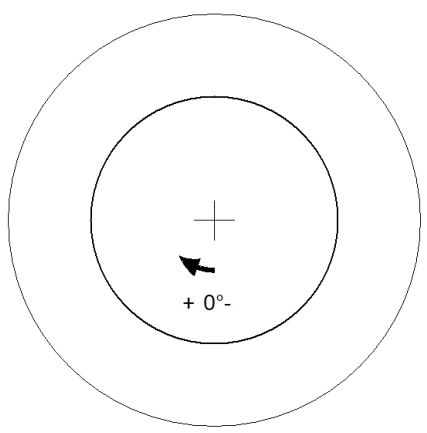
P3 GR3CDARED

GRADE RING w/ConBlock-CDA Red F/F

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"	202 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 24"	2911 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7126 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 3"	Weight (Net): 202 lb Volume (Net): 0.05cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:34 PM

PC: J. Jarvis



Structure ID: MH N4

P1 MH048BA18CDARED

MH BASE w/ConBlock-CDA Red T/n

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"	202 lb
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48"	3353 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"	2492 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10925 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

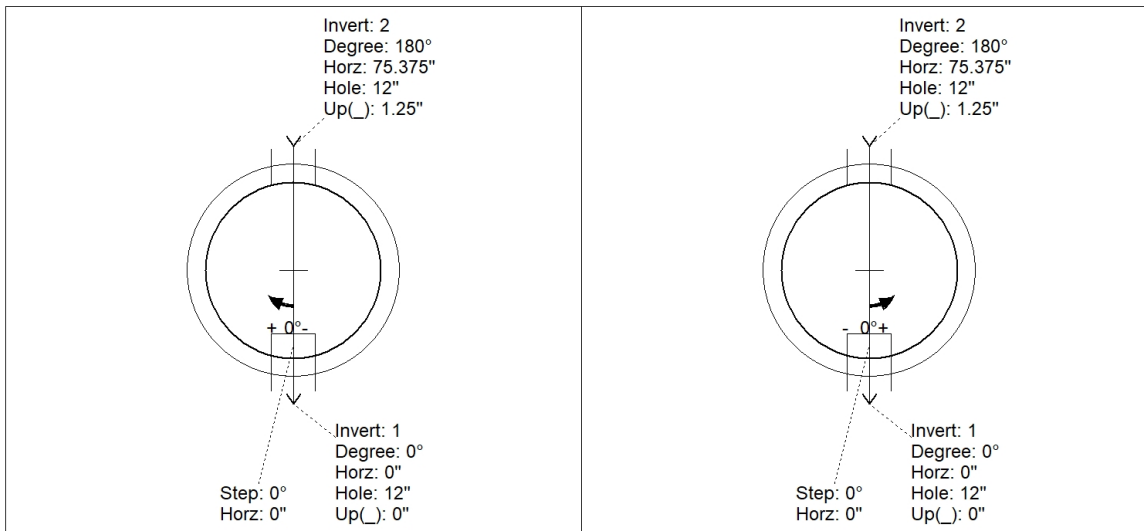
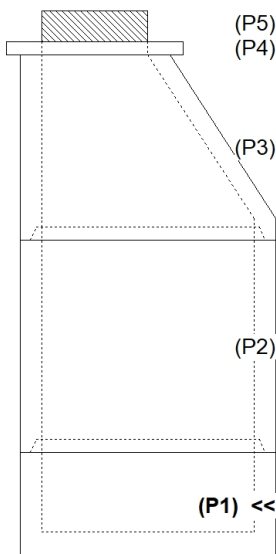
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 884.55' Rim to Invert: 9.7' Slack: 0.4" Sump: 2" Step Position: 0°

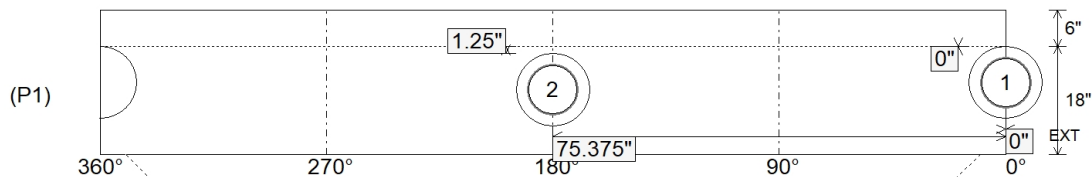
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	874.85'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	874.95'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 18" Height (Ext): 24"	Weight (Net): 2492 lb Volume (Net): 0.64cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:34 PM

PC: J. Jarvis



Structure ID: MH N4

P1A MH048BA18CDARED

MH BASE w/ConBlock-CDA Red T/n

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"	202 lb
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48"	3353 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"	2492 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10925 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

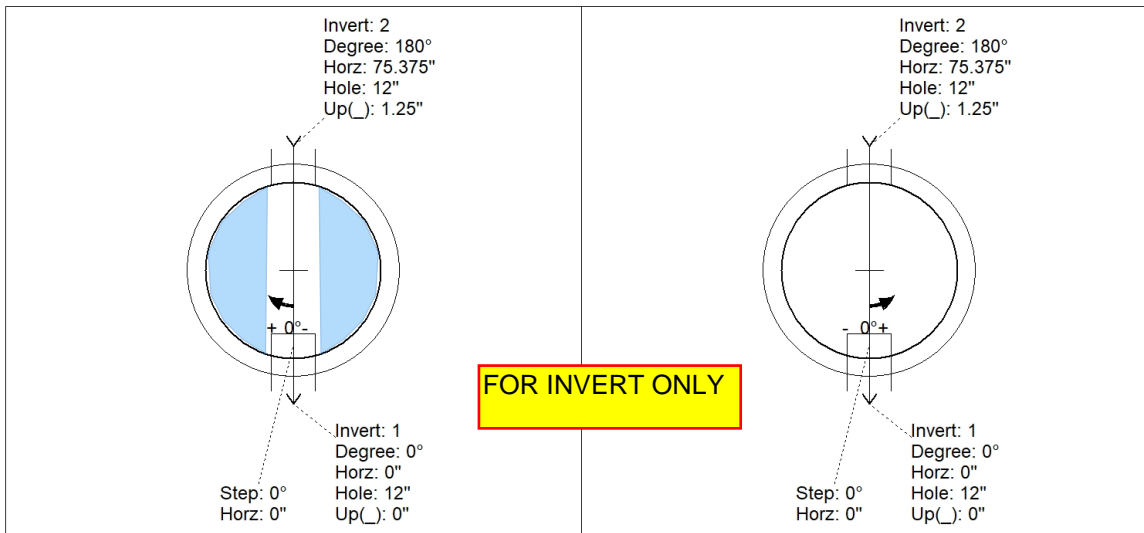
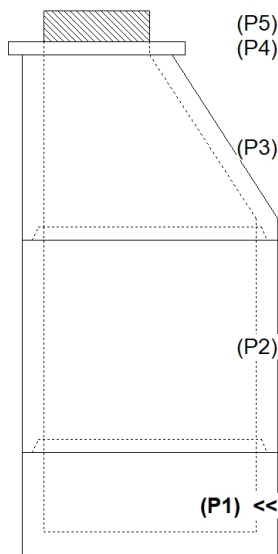
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 884.55' Rim to Invert: 9.7' Slack: 0.4" Sump: 2" Step Position: 0°

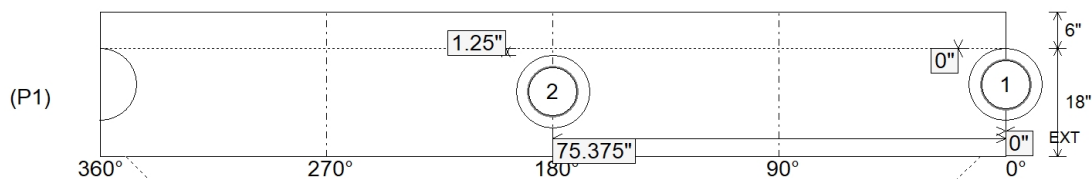
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	874.85'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	874.95'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 18" Height (Ext): 24"	Weight (Net): 2492 lb Volume (Net): 0.64cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:36:17 PM

PC: J. Jarvis



Structure ID: MH N4

P2 MH048RS48CDARED

MH RISER w/ConBlock-CDA Red T/G

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"	202 lb
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48"	3353 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"	2492 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10925 lb

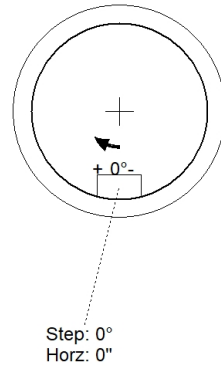
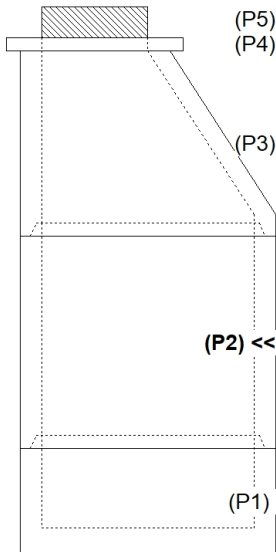
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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

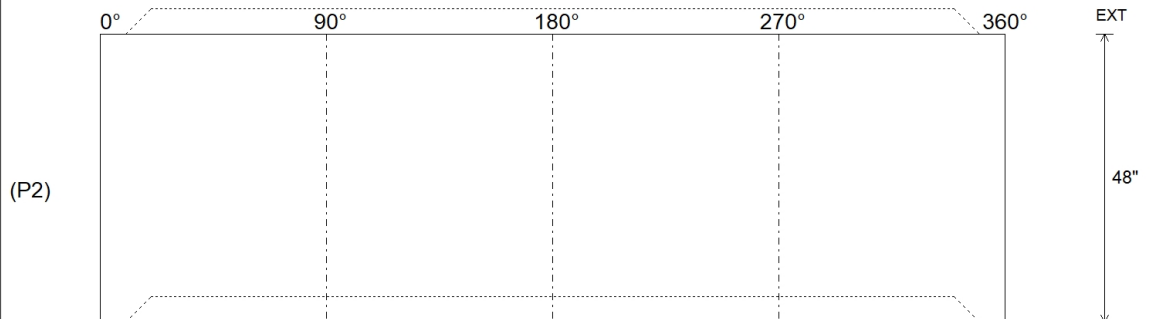
Rim: 884.55' Rim to Invert: 9.7' Slack: 0.4" Sump: 2" Step Position: 0°

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Tongue	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: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:08 PM

PC: J. Jarvis



Structure ID: MH N4

P3 MH048CN42CDARED

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

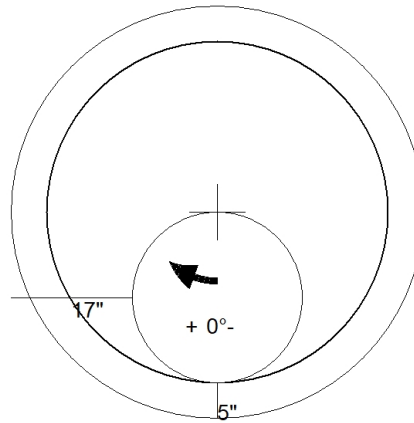
P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"	202 lb
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48"	3353 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"	2492 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10925 lb

Structure Notes:

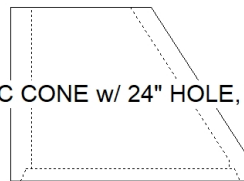
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42" - (P3)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 42"

Weight (Net): 3116 lb
 Volume (Net): 0.8cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:09 PM

PC: J. Jarvis



Structure ID: MH N4

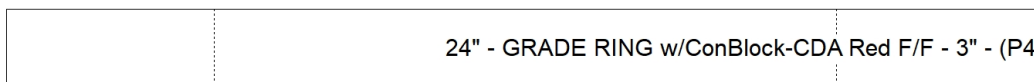
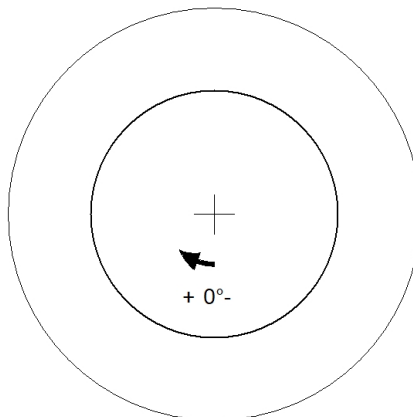
P4 GR3CDARED

GRADE RING w/ConBlock-CDA Red F/F

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING w/ConBlock-CDA Red F/F - 3"	202 lb
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P2) 48" - MH RISER w/ConBlock-CDA Red T/G - 48"	3353 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 18"	2492 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	10925 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 3"	Weight (Net): 202 lb Volume (Net): 0.05cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:35:35 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH N5

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 2) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 1961 lb
 3330 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 7323 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

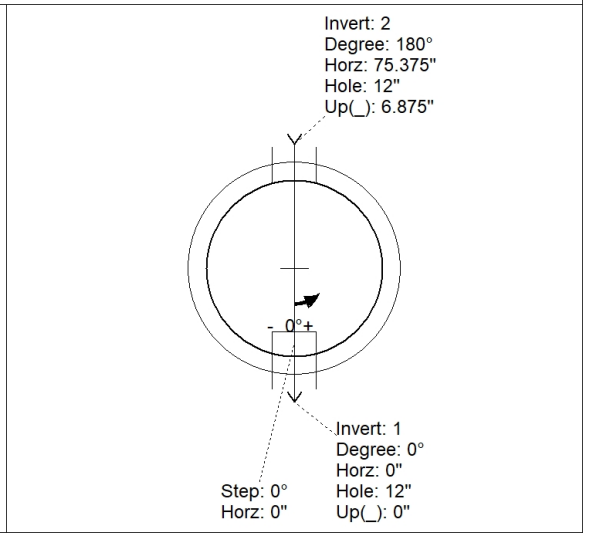
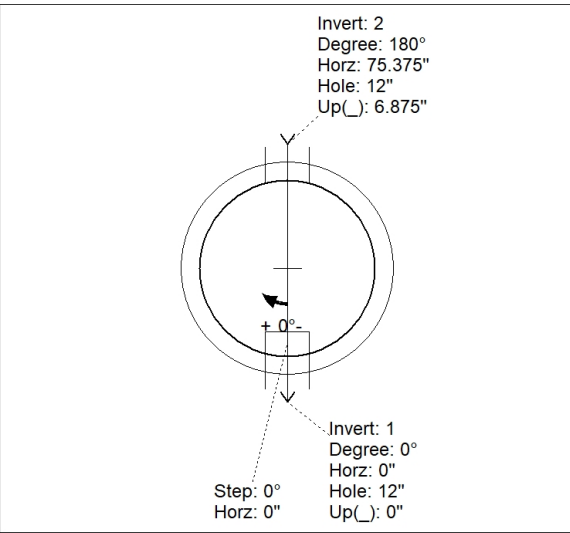
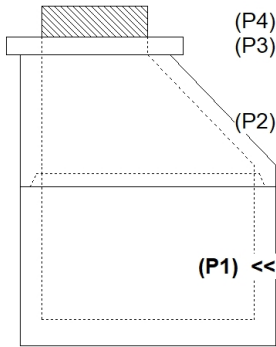
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 888.53' Rim to Invert: 5.78' Slack: 0.36" Sump: 2" Step Position: 0°

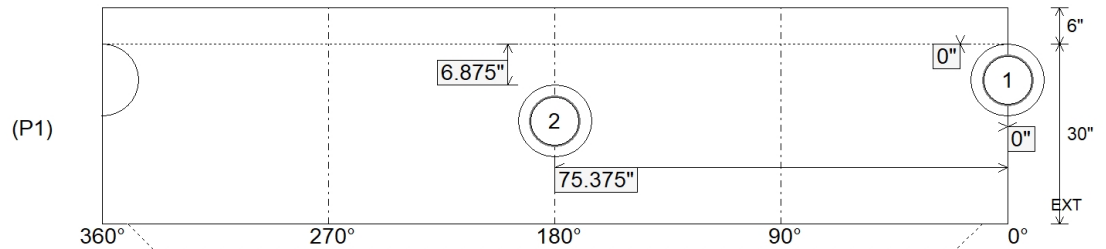
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	882.75'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	883.32'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	6.875"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

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

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam
 12/16/2025 4:35:35 PM

Tech: J. Horsley
 PC: J. Jarvis



Structure ID: MH N5

P1A MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 2) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 1961 lb
 3330 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

 Structure Total: 7323 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

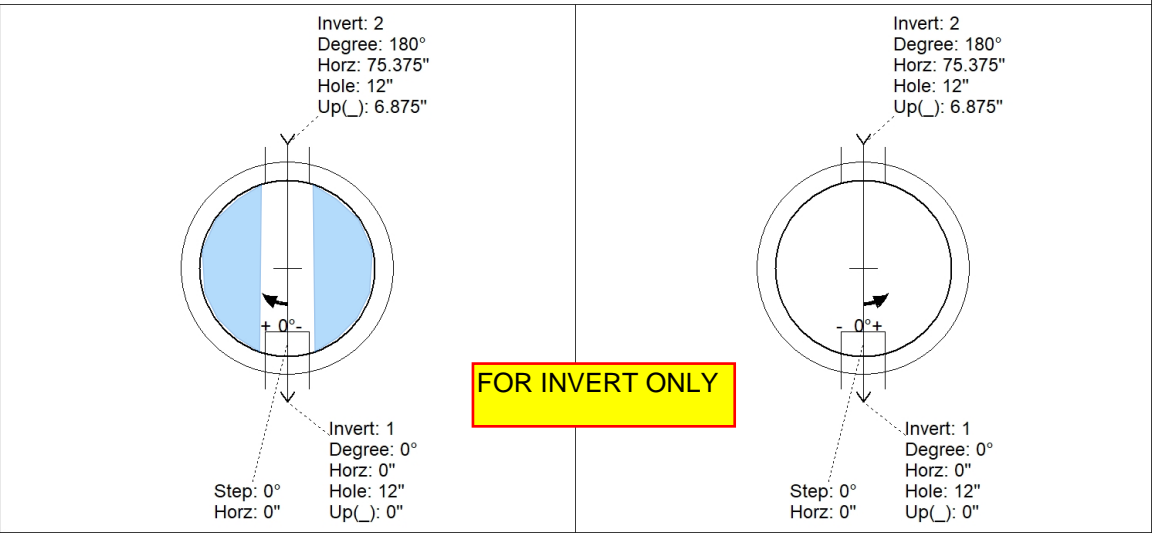
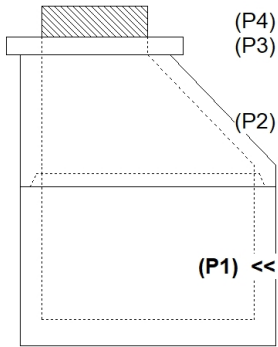
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 888.53' Rim to Invert: 5.78' Slack: 0.36" Sump: 2" Step Position: 0°

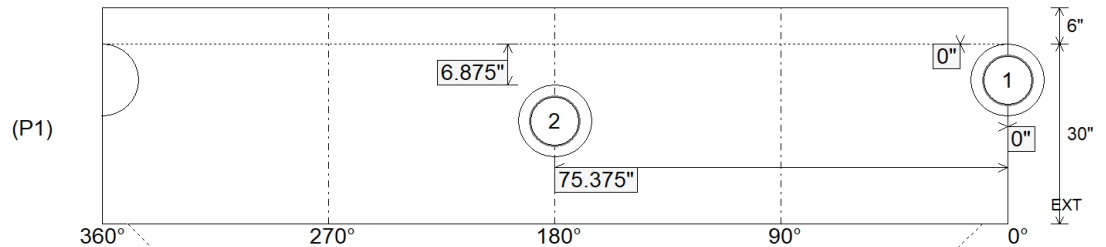
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	882.75'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	883.32'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	6.875"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

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

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:09 PM

PC: J. Jarvis



Structure ID: MH N5

P2 MH048CN30CDARED

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

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 2) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 1961 lb
 3330 lb
 1440 lb
 0 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

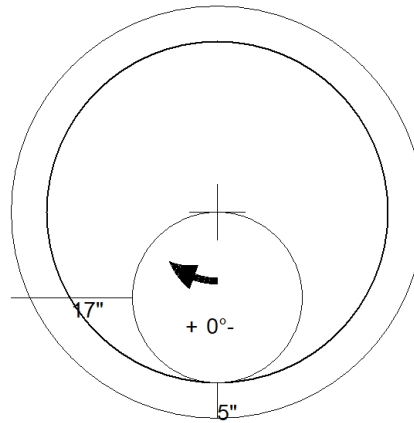
 Structure Total: 7323 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" - (P2)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 30"

Weight (Net): 1961 lb
 Volume (Net): 0.5cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:09 PM

PC: J. Jarvis



Structure ID: MH N5

P3 GR4CDARED

GRADE RING w/ConBlock-CDA Red F/F

- P4) 24" - CASTING HEIGHT - 7"
- P3) 24" - GRADE RING w/ConBlock-CDA Red F/F - 4"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 2) PSX - 12-08 NYLO
- 2) MH Step ML-10-TDS-NCR - 10"

0 lb
 270 lb
 1961 lb
 3330 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 16 lb
 0 lb

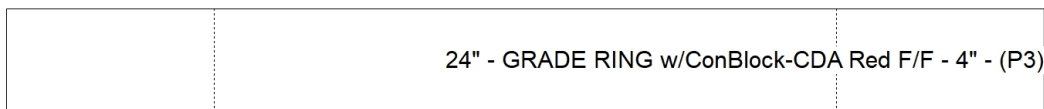
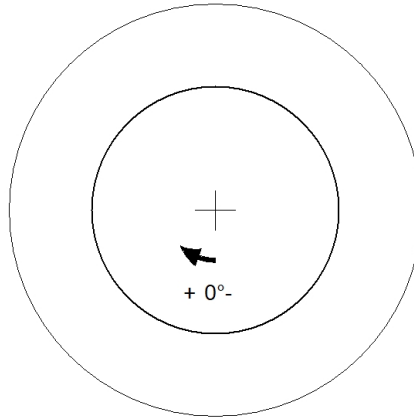
 Structure Total: 7323 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Flat

Wall Thickness: 8"

Height (Ext): 4"

Weight (Net): 270 lb
 Volume (Net): 0.07cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:35 PM

PC: J. Jarvis



Structure ID: MH N6

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 26"	3051 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6773 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

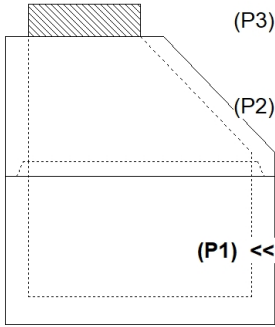
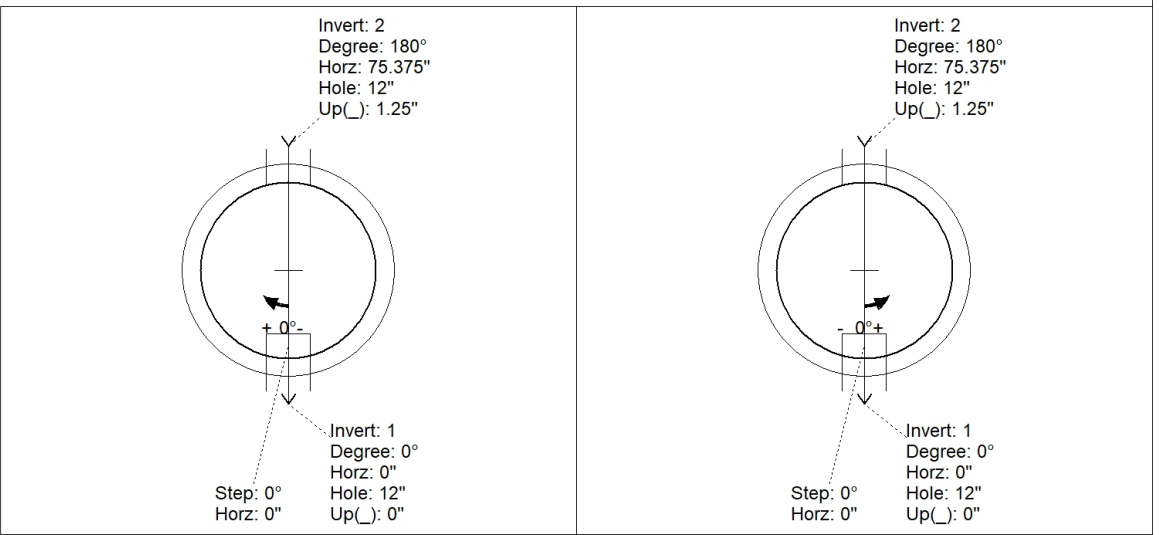
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 893.02' Rim to Invert: 5.16' Slack: 0.92' Sump: 2' Step Position: 0°

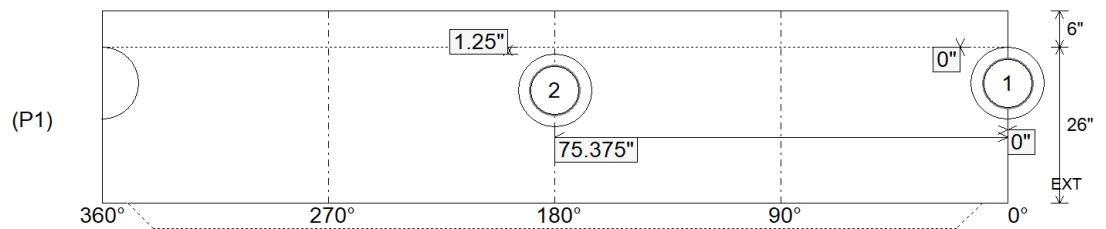
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	887.86'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	887.96'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 26" Height (Ext): 32"	Weight (Net): 3051 lb Volume (Net): 0.78cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:35 PM

PC: J. Jarvis



Structure ID: MH N6

P1A MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 26"	3051 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6773 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

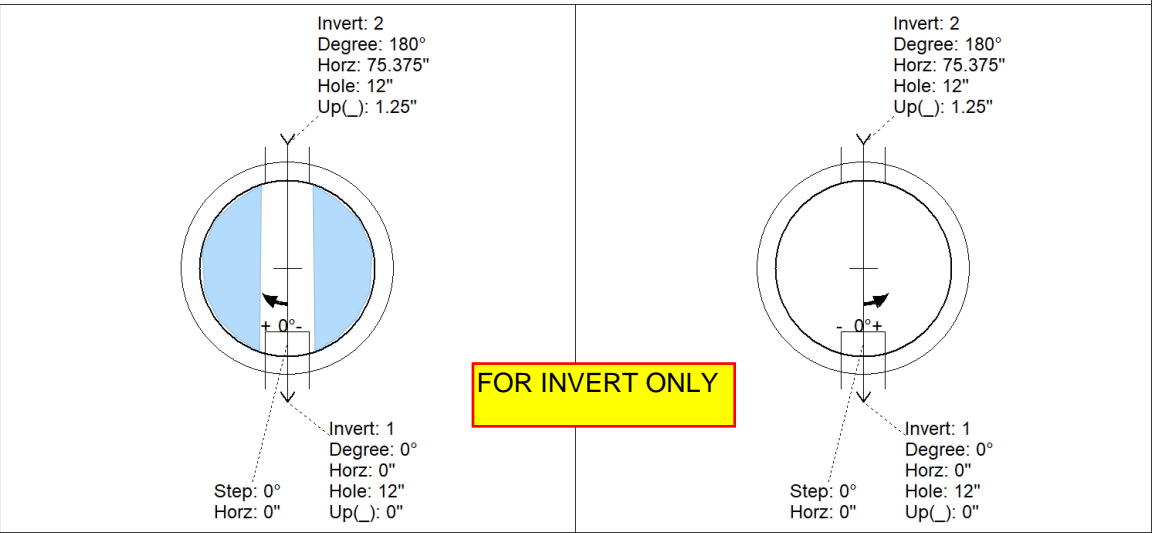
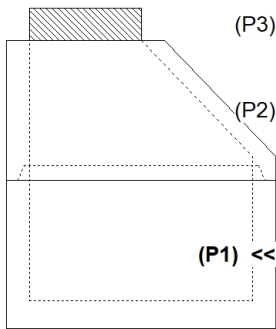
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 893.02' Rim to Invert: 5.16' Slack: 0.92' Sump: 2' Step Position: 0°

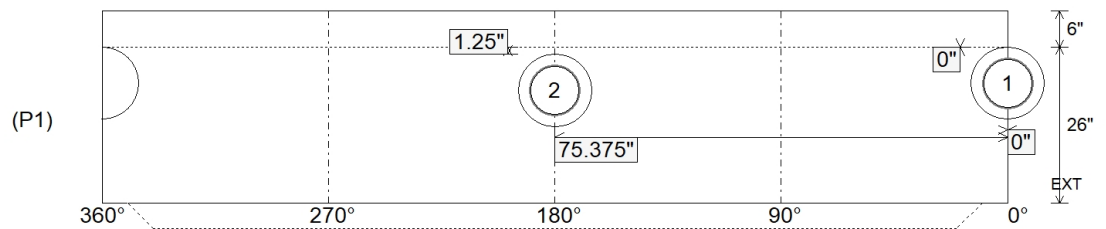
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	887.86'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2	887.96'	180°	91.125"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 26" Height (Ext): 32"	Weight (Net): 3051 lb Volume (Net): 0.78cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:09 PM

PC: J. Jarvis



Structure ID: MH N6

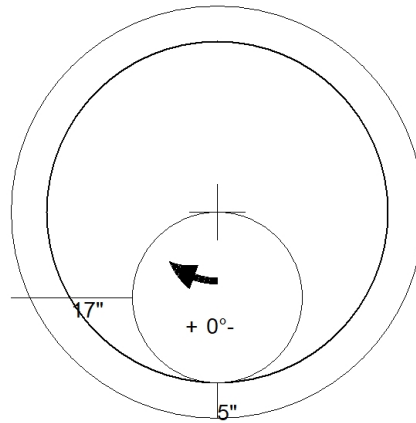
P2 MH048CN30CDARED

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

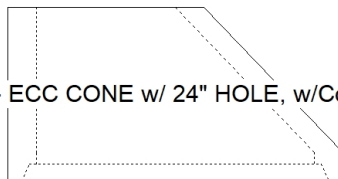
P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30"	1961 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 26"	3051 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6773 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 30" - (P2)



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 30"	Weight (Net): 1961 lb Volume (Net): 0.5cu.yd
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Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:35 PM

PC: J. Jarvis



Structure ID: MH N7

P1 MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"	3378 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7382 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

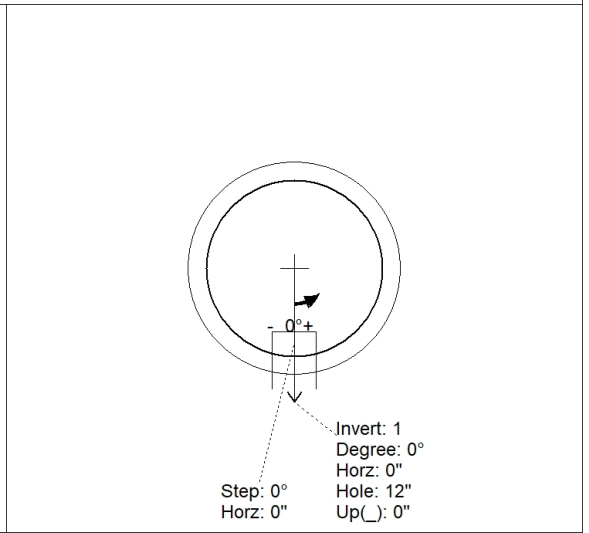
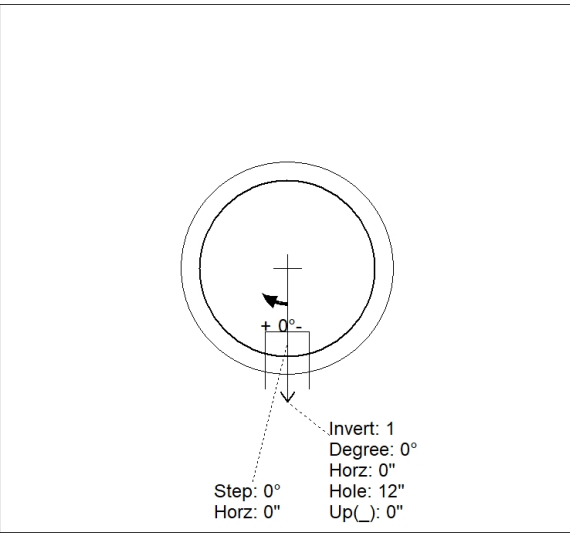
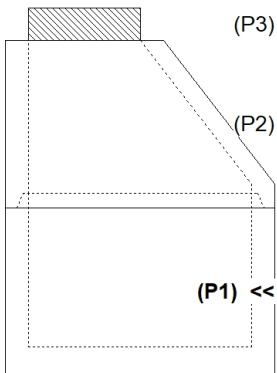
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 898.88' Rim to Invert: 5.94' Slack: 0.28" Sump: 2" Step Position: 0°

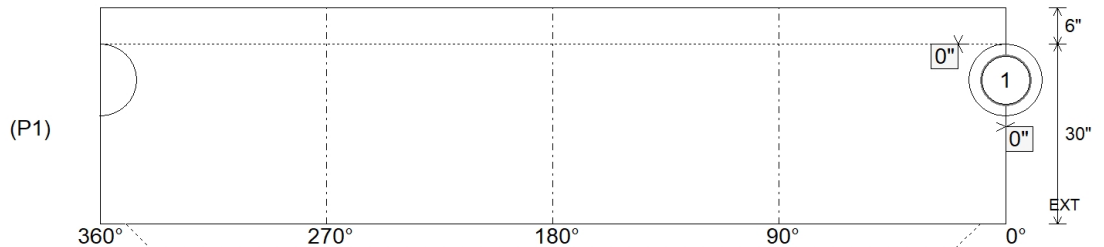
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	892.94'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3378 lb
 Volume (Net): 0.86cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:35 PM

PC: J. Jarvis



Structure ID: MH N7

P1A MH048BA30CDARED

MH BASE w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"	3378 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-350 F/C Sanitary	305 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
2) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	7382 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-350 F/C)

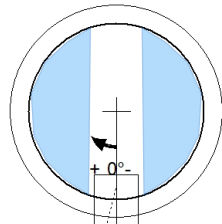
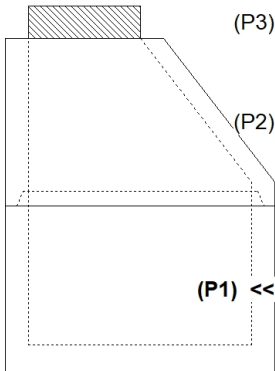
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 898.88' Rim to Invert: 5.94' Slack: 0.28" Sump: 2" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	892.94'	0°	0"	8" PVC SDR35	8.5"	PSX 12-08 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

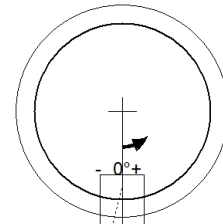
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



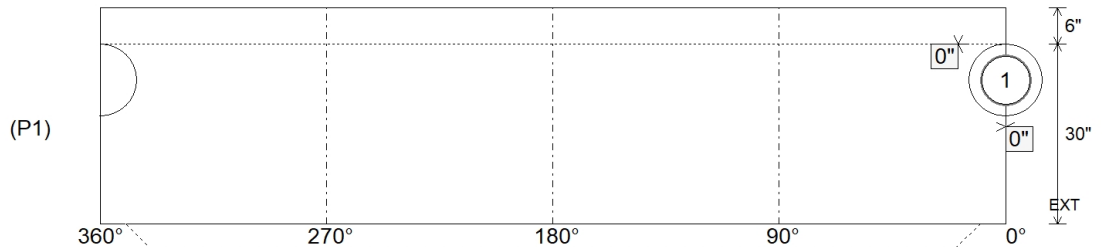
Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 12"
 Up(): 0"
 Step: 0°
 Horz: 0"

FOR INVERT ONLY



Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 12"
 Up(): 0"
 Step: 0°
 Horz: 0"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

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

Weight (Net): 3378 lb
 Volume (Net): 0.86cu.yd

Job Name: 25-1511 Halfhill Estates Ph.3
 Job Location: Nicholasville, KY
 Contractor: Perdue Environmental Contracting Co., Inc.

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:37:10 PM

PC: J. Jarvis



Structure ID: MH N7

P2 MH048CN36CDARED

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

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"
- P1) 48" - MH BASE w/ConBlock-CDA Red T/n - 30"
- 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) CASTING - HOE MC-350 F/C Sanitary
- 1) 48" - Conseal CS-102 1.00" (Double)
- 1) PSX - 12-08 NYLO
- 2) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 3378 lb
 1440 lb
 0 lb
 0 lb
 305 lb
 0 lb
 8 lb
 0 lb

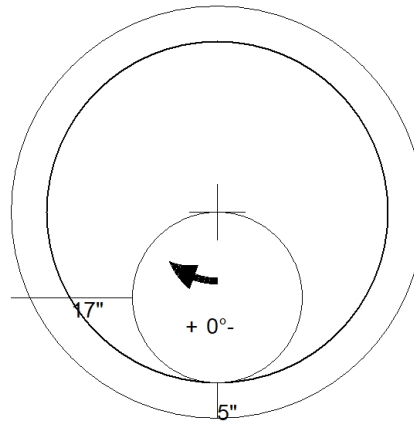
 Structure Total: 7382 lb

Structure Notes:

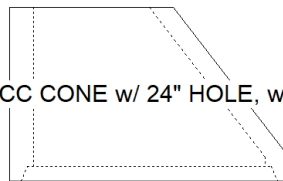
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-350 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

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



48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" - (P2)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

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