

Job Name: 26-1987 Project Nova
Job Location: 200 South, IN 47882
Contractor: McCreary Concrete Products, Inc

Plant: 100
8/7/2026 9:24:04 AM

Tech: Jared - A
PC: Jay Ross Jarvis



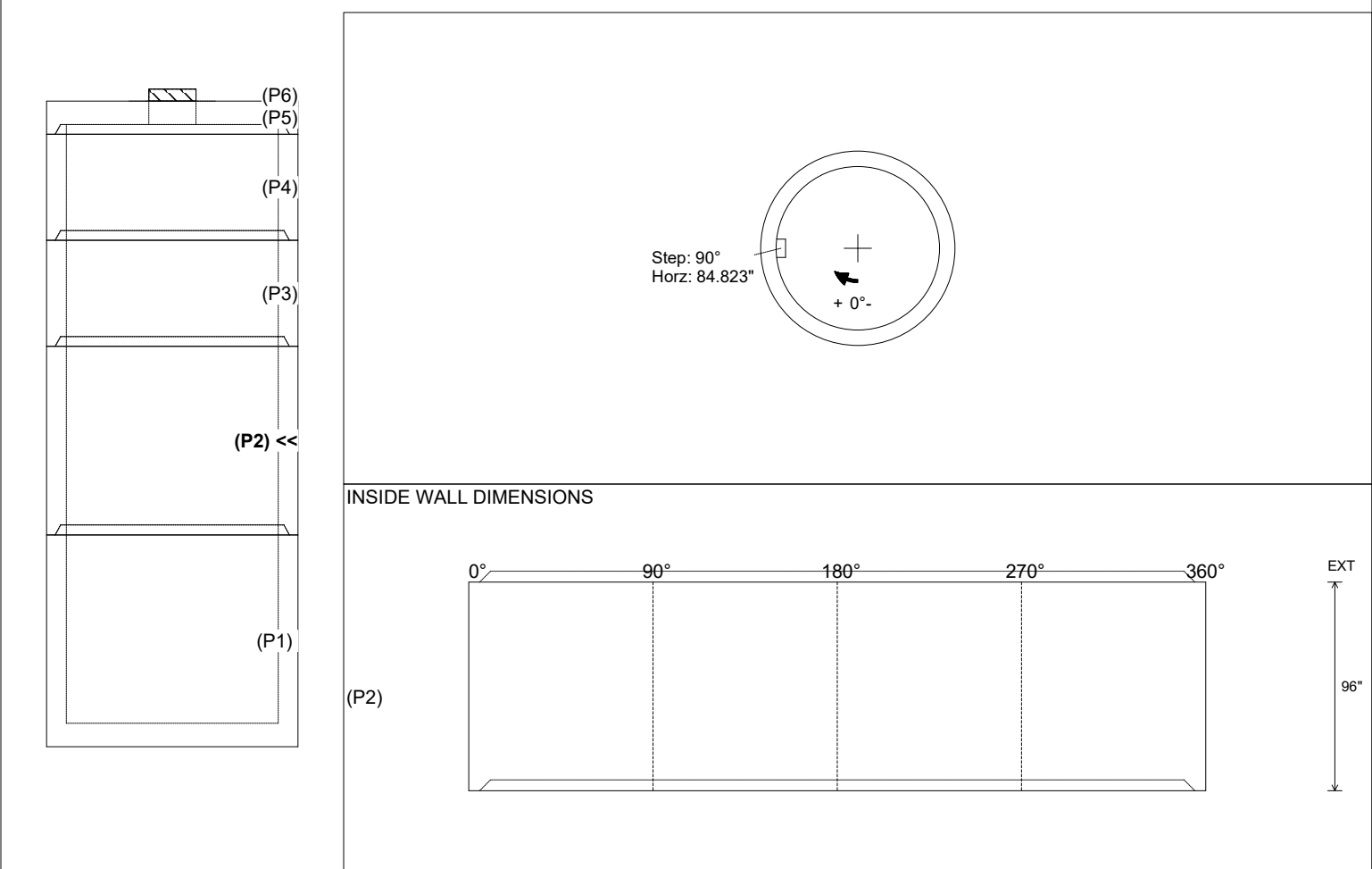
Structure ID: STMH-1209A

P2 MH108RS96 MH RISER

P6) 24" x 36" - CASTING HEIGHT - 6"	0 lb	Structure Notes: **INDOT STATE PROJECT** 1. INDOT MH TYPE M / ASTM C478 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO INVERT CHANNEL. 4. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB = H20 LOADING. - RISER/WALLS (As .30) - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.
P5) 108" - MH FLAT TOP w/24" X 36" HOLE - 17"	12900 lb	
P4) 108" - MH RISER - 54"	16798 lb	
P3) 108" - MH RISER - 54"	16798 lb	
P2) 108" - MH RISER - 96"	29863 lb	
P1) 108" - MH BASE - 96"	36119 lb	
4) 108" - Conseal CS-102 1.00"	0 lb	
1) 24" x 36" - Conseal CS-102 1.00"	0 lb	
1) Hole - 75	0 lb	
1) Hole - 62	0 lb	
26) MH Step ML-10-TDS-NCR - 10"	0 lb	
Structure Total: 112477 lb		
Rim: 512.46' Rim to Invert: 26.45' Slack: 0.4" Sump: 6" Step Position: 90°		

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

RIGHT-SIDE UP VIEW (int. dimensions)



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 10" Floor Height: 0"	Height (Int): 96" Height (Ext): 96"	Weight (Net): 29863 lb Volume (Net): 7.63cu.yd
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Job Name: 26-1000P2 Clark Distributing New HQ - Site Structures
Job Location: Bowling Green, KY
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

Tech: S. Felletter

8/11/2026 9:22:03 AM

PC: M. Sullivan



Structure ID: DBI-1

P2 MH060LD13-24X30RECT

MH FLAT TOP w/24"x30" Hole F/G

- P3) 24" x 30" - CASTING HEIGHT - 3.50"
P2) 60" - MH FLAT TOP w/24"x30" Hole F/G - 13"
P1) 60" - MH BASE T/n - 60"
1) CASTING - HOE KY-460-11 F/G (DBI 11)
2) Hole - 44
5) MH Step ML-10-TDS-NCR - 10"

Structure Total:

0 lb
2668 lb
7314 lb
421 lb
0 lb
0 lb

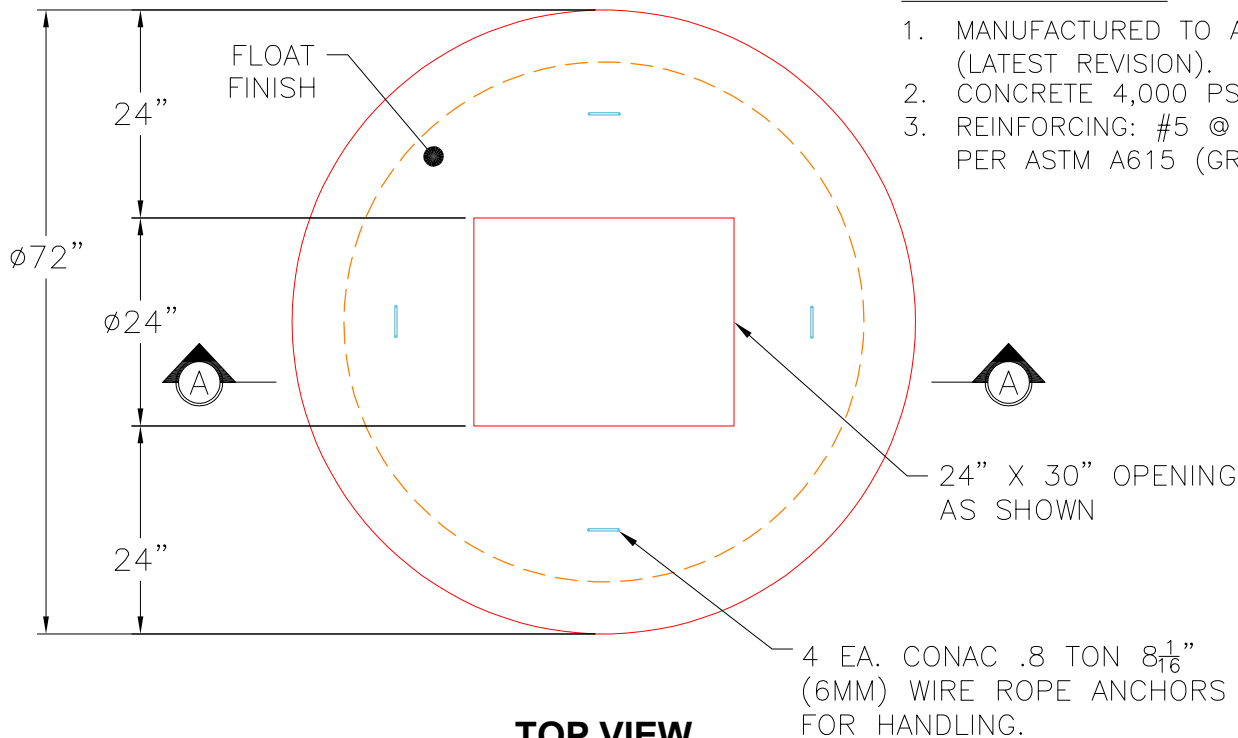
10403 lb

Structure Notes:

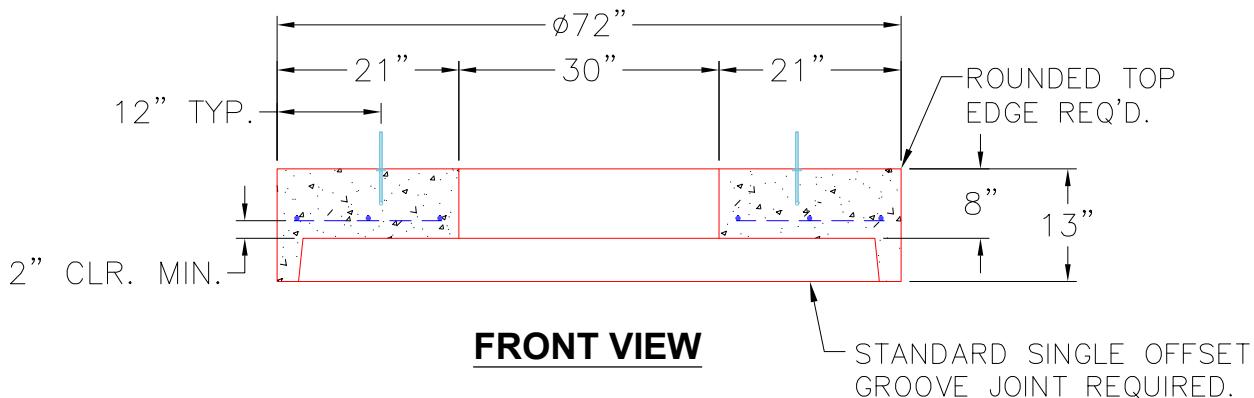
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (HOE KY-460-11 F/G).
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

GENERAL NOTES:

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE 4,000 PSI AT 28 DAYS.
3. REINFORCING: #5 @ 6" C.C. E.W. PER ASTM A615 (GRADE 60)



TOP VIEW



FRONT VIEW

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 6"

Height (Ext): 13"

Weight (Net): 2668 lb
Volume (Net): 0.68cu.yd

Job Name: 26-1000P2 Clark Distributing New HQ - Site Structures
Job Location: Bowling Green, KY
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

Tech: S. Felletter

8/11/2026 9:22:07 AM

PC: M. Sullivan



Structure ID: DBI-14

P2 MH072LD15-24X30RECT

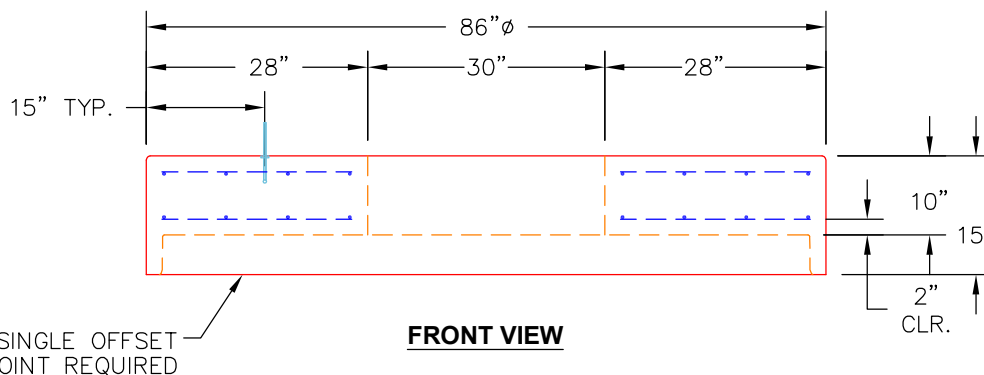
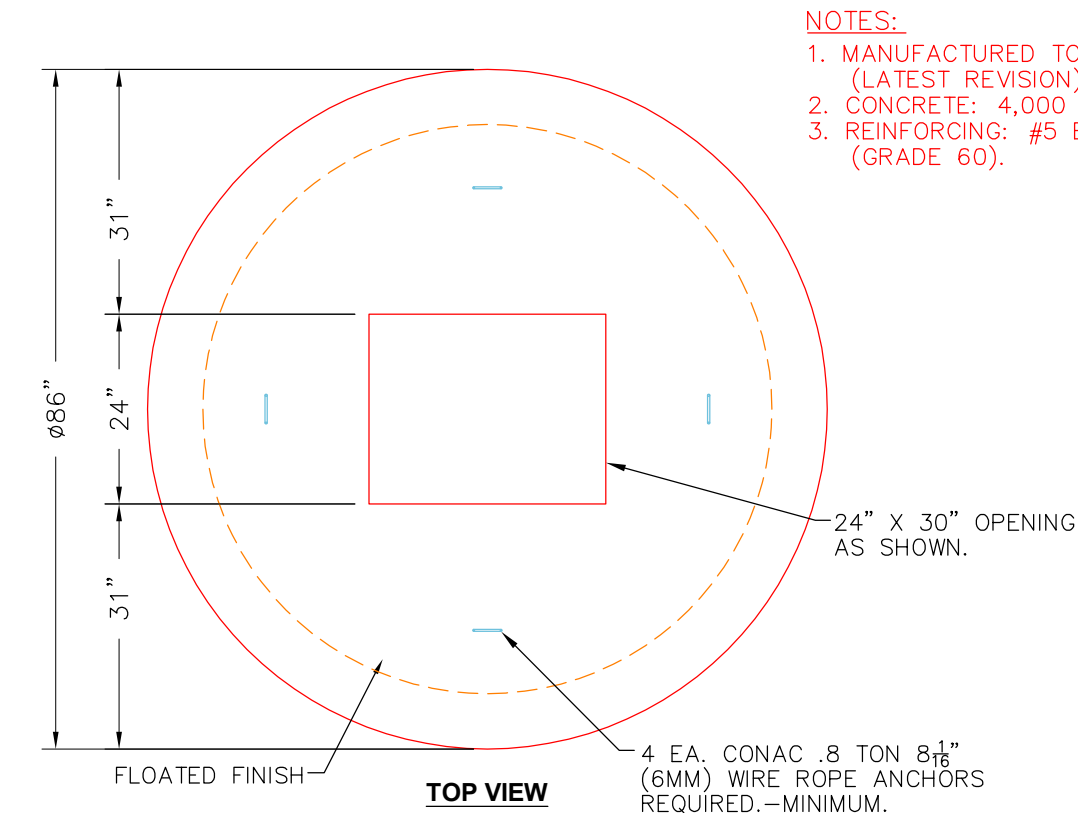
MH FLAT TOP w/24"x30" Hole F/G

- P3) 24" x 30" - CASTING HEIGHT - 3.50"
P2) 72" - MH FLAT TOP w/24"x30" Hole F/G - 15"
P1) 72" - MH BASE Custom Ht T/n - 70"
1) CASTING - HOE KY-460-11 F/G (DBI 11)
1) 72" - Conseal CS-102 1.00"
1) 24" x 30" - Conseal CS-102 1.00"
2) Hole - 50
6) MH Step ML-10-TDS-NCR - 10"

0 lb
4561 lb
11598 lb
421 lb
0 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 16580 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (HOE KY-460-11 F/G).
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 7"

Height (Ext): 15"

Weight (Net): 4561 lb
Volume (Net): 1.16cu.yd

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

Plant: 100
7/6/2026 1:23:26 PM

Tech: Jared - A
PC: E. Bradley

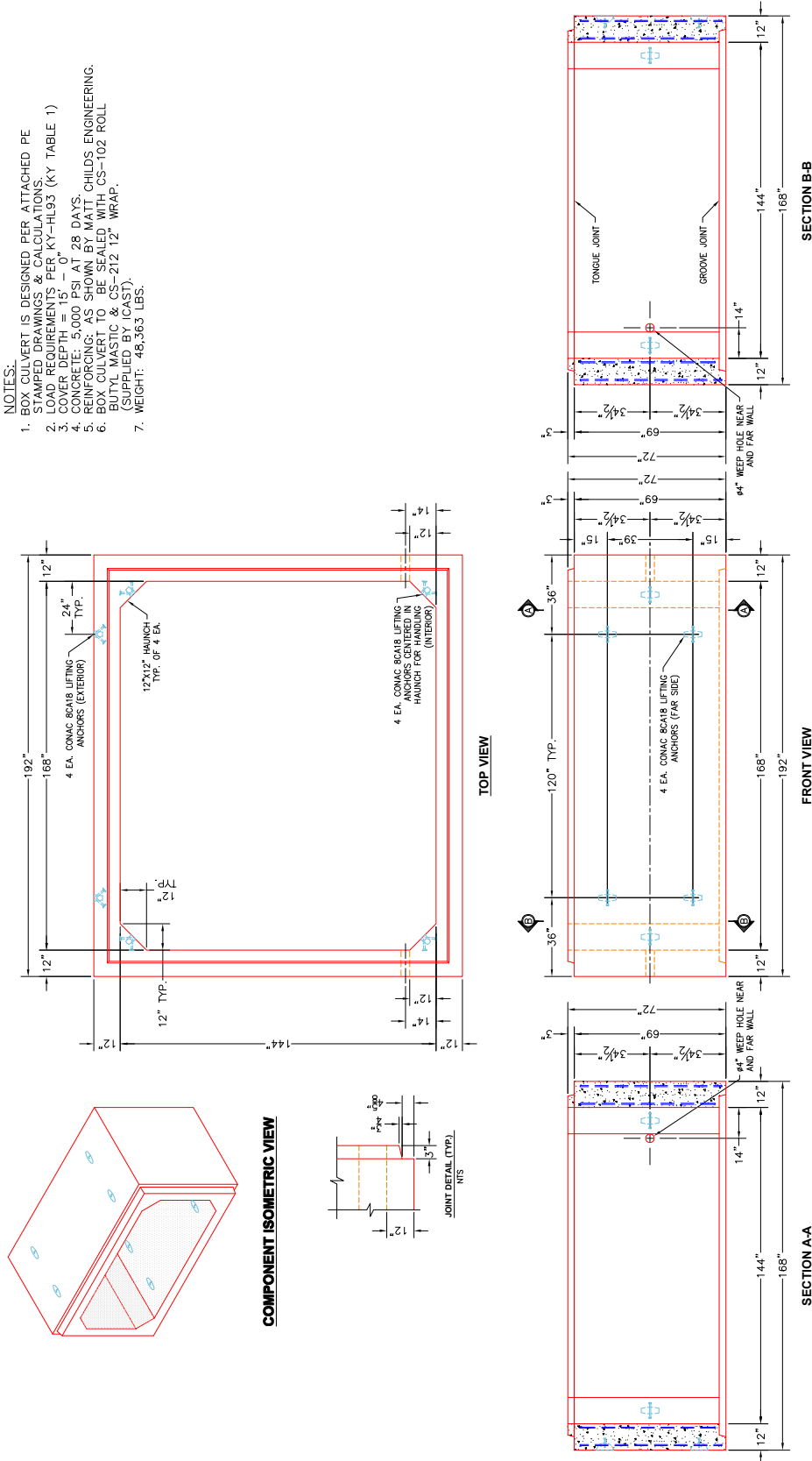


Structure ID: Box Culvert

P27 BC168144-12W12T12F-12H

BOX CULVERT (12W/12F/12T) T/G

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



Coating (Int):
Coating (Ext):

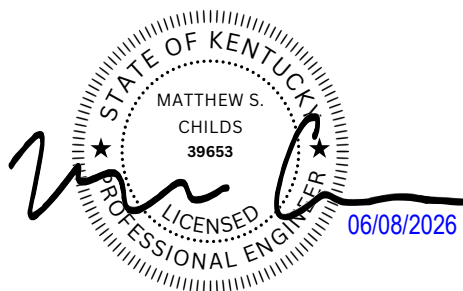
Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 12"
Floor Height: 0"

Height (Int): 69"
Height (Ext): 69"

Weight (Net): 48363 lb
Volume (Net): 12.35cu.yd

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



MATT CHILDS ENGINEERING, PLLC

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

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

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

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

Physical Dimensions

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

Material Properties

Concrete	
Strength, f _c :	5.000 ksi
Density:	0.150 kcf
Elasticity, E _c :	3834 ksi
Type:	Normal wt
Steel	
Yield, f _y :	65 ksi
Allow Stress:	39 ksi
Elasticity, E _s :	29000 ksi
Soil	
Density:	0.120 kcf
Exposure Factor	
Class 2 Exposure	
Reinforcement Covers	
Ext. Cover Top Slab:	1"
Ext. Cover Bottom Slab	1"
Ext. Cover Walls	1"
Int. Cover Walls	1"
Int. Cover Top Slab	1"
Int. Cover Bottom Slab	1"

Controlling Ratings

Inventory Rating: 5.85
Operating Rating: 7.59

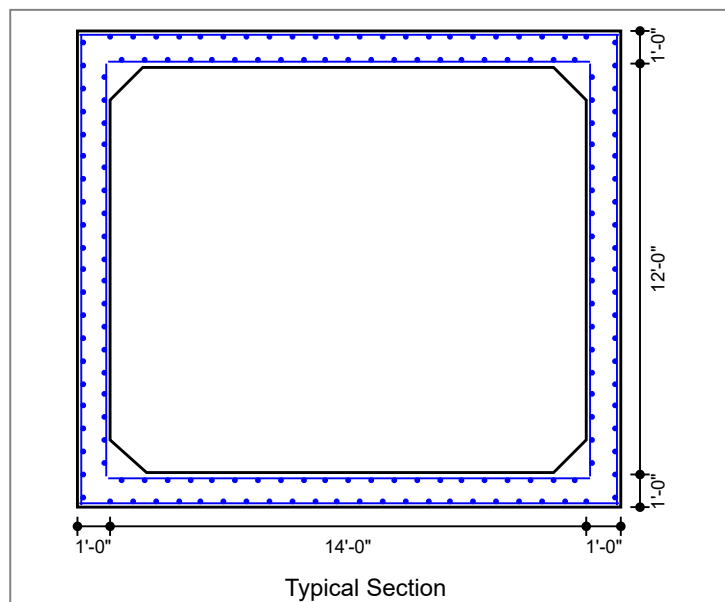
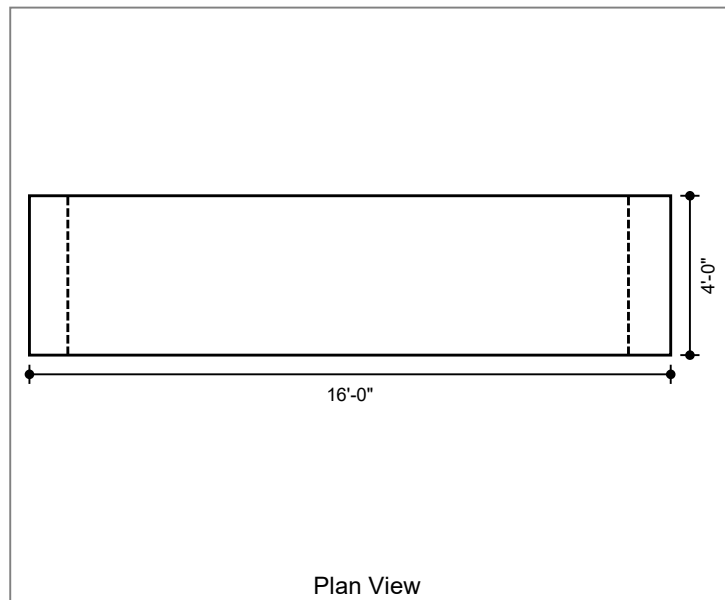
Loads

Live Load	
Vehicle Names:	HL-93
Traffic Direction:	Parallel
Eq. Height of Soil:	2.00 ft (Calc'd)
Dead Load	
Future Wearing Surface:	0.000 klf
Additional Dead Load:	0.000 klf
Concentrated Loads:	none

Lateral Soil Loads

Eq. Fluid Press. Max:	60.00 pcf
Eq. Fluid Press. Min:	30.00 pcf

Interior Water Pressure:	yes, head pressure = 0 ft
Exterior Water Pressure:	no



MATT CHILDS ENGINEERING, PLLC

Sht ____ of ____

By:MBJ

Ck:_____

6/5/2026 4:35:09 PM

p. 2 of 2

Project : City of Wilder

Task : 14x12 15' Fill

Job No. :

Client: ICast

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

Concrete Summary

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

Reinforcing Steel Bar Schedule (lb)

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

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

Plant: Beaver Dam, KY
8/6/2026 12:00:29 PM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 22+18 CBBI-MOD B1

P1 BX2436-08BVF

BOX BASE 8inW, 8inF, Variable Ht

- P3) 24" x 120" - CASTING (cast in) - 3"
P2) 24" x 120" - CB MED BAR BOX INLET 9B1 LH - 17"
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 29"
1) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 22

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

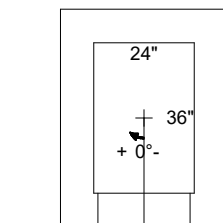
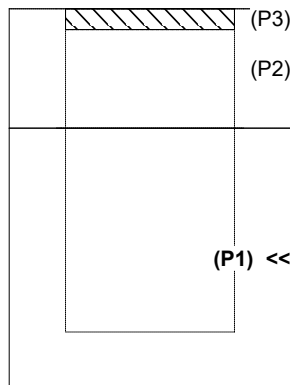
Structure Total: 8100 lb

Rim: 563.16' Rim to Invert: 4.2' Slack: 4.4" Sump: 0" Step Position:

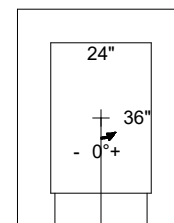
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	558.96'	0°	20"	18" CMP	19"	Hole 22	22"	22"	-2"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



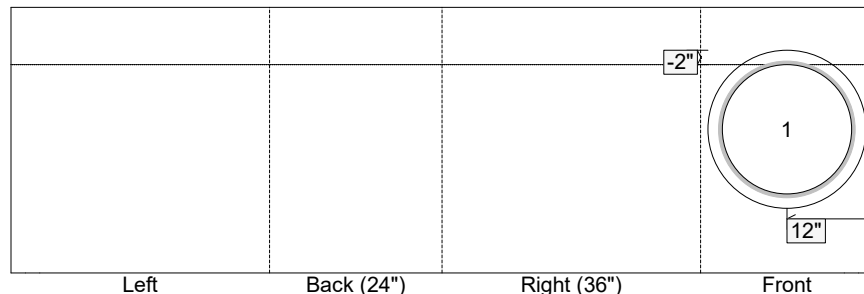
Invert: 1
Degree: 0°
Horz: 12"
Hole: 22"
Up(_): -2"



Invert: 1
Degree: 0°
Horz: 12"
Hole: 22"
Up(_): -2"

INSIDE WALL DIMENSIONS

(P1)



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

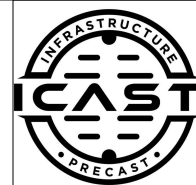
Height (Int): 29"
Height (Ext): 37"

Weight (Net): 4100 lb
Volume (Net): 1.05cu.yd

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

Plant: Beaver Dam, KY
8/6/2026 12:11:21 PM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 4001+57 RT DBI 5A INLET 17

P1 BX3648-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

P2) 36" x 48" - P.I.P. - BY OTHERS - 8"
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 25"
1) 36" x 48" - SGL 1"x14.5' Butyl
1) Hole - 22

Structure Total: 5257 lb

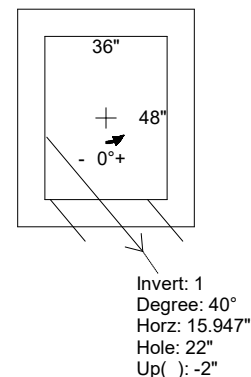
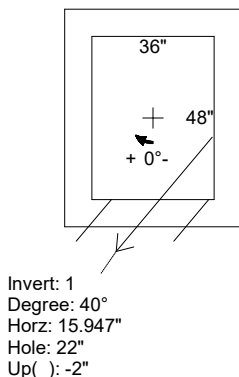
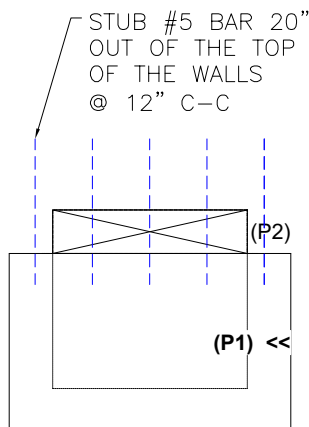
Structure Notes: .
-KYTC STATE PROJECT 251007
-REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.)
-CASTING FRAMES & GRATES BY OTHERS.
-CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST).
-KYTC CERTIFICATIONS REQUIRED.
-#5 BAR EXTENDED OUT OF TOP OF BOX 20" AT 12" C/C.

Rim: 586' Rim to Invert: 2.75' Slack: 0" Sump: 0" Step Position:

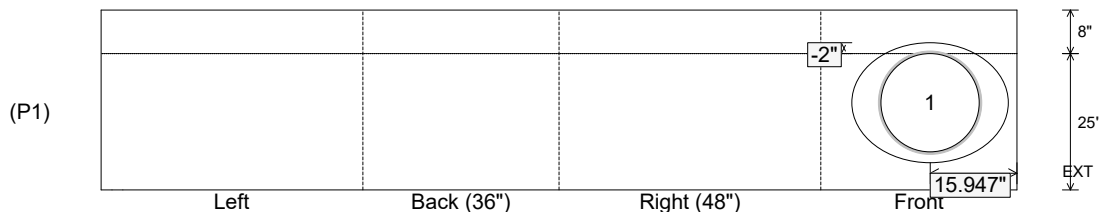
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	583.25'	40°	30.659"	18" CMP	19"	Hole 22	22"	28.719"	-2"	-17"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



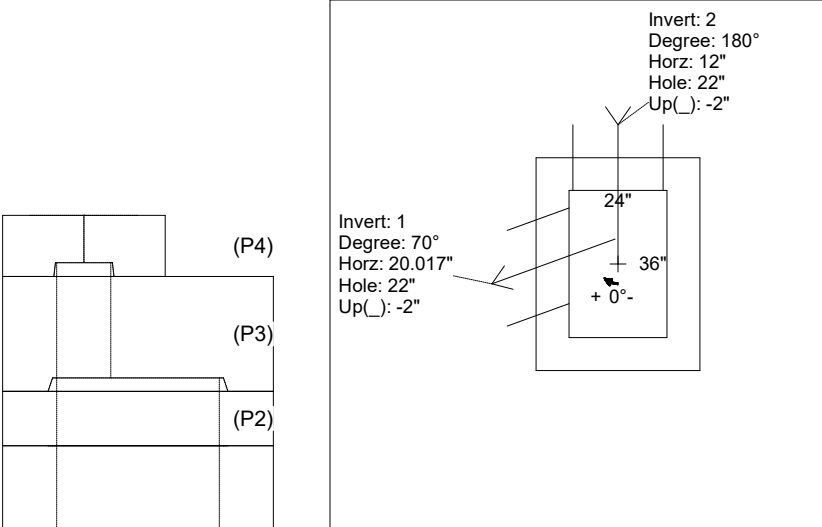
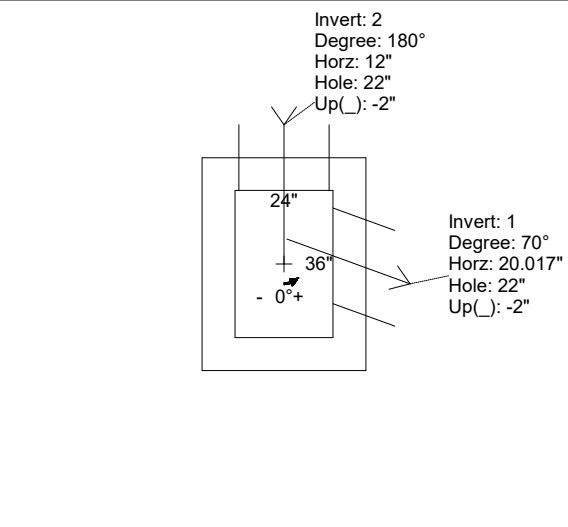
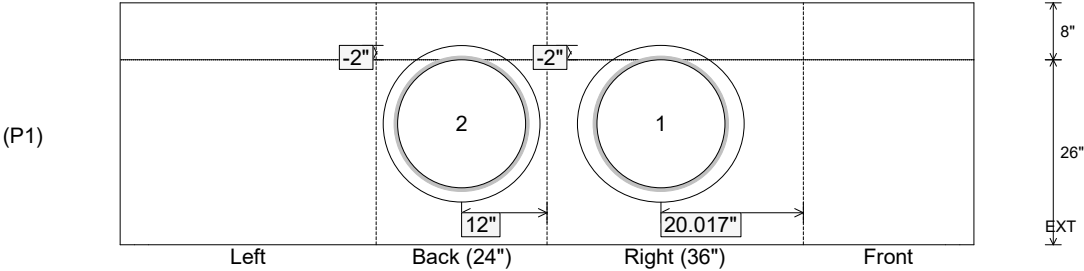
Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

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

Weight (Net): 5257 lb
Volume (Net): 1.34cu.yd

Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007) Job Location: I-264 Louisville, Ky. Contractor: Cleary Construction, Inc.					Plant: Beaver Dam, KY 8/4/2026 11:26:52 AM		Tech: J. Coppage PC: T. Ryan				
Structure ID: 4001+70 LT CBIB INLET 19											
P1		BX2436-08BVF		BOX BASE 8inW, 8inF, Variable Ht							
P4) 8" x 120" - CB INLET KY B 10' TOP - 9" P3) 24" x 120" - CB INLET KY B 10' BOTTOM RIGHT - 17" P2) 24" x 36" - CB FT REDUCER 24"X24" HOLE - 8" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 26" 1) 24" x 36" - Conseal CS-102 1.00" 1) 24" x 24" - Conseal CS-102 1.00" 2) Hole - 22"						1660 lb 2650 lb 1010 lb 3523 lb 0 lb 0 lb 0 lb ----- Structure Total: 8842 lb		Structure Notes: . -KYTC STATE PROJECT 251007 -REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.) -CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST). -KYTC CERTIFICATIONS REQUIRED.			
Rim: 588.18'		Rim to Invert: 5.28'		Slack: 3.36"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	582.9'	70°	25.106"	18" CMP	19"	Hole 22	22"	23.412"	-2"	6"	
Invert 2	582.9'	180°	20"	18" CMP	19"	Hole 22	22"	22"	-2"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions)  UPSIDE-DOWN VIEW (int. dimensions)  INSIDE WALL DIMENSIONS 											
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: n/a		Wall Thickness: 8" Floor Height: 8"		Height (Int): 26" Height (Ext): 34"		Weight (Net): 3523 lb Volume (Net): 0.9cu.yd		

Job Name: 26-1716 - KYTC McCracken Co Call 100 (264504)
Job Location: Paducah, KY
Contractor: Jim Smith Contracting Co, LLC

Plant: 100

8/11/2026 7:42:10 AM

Tech: Jared - A

PC: A. Chambers



Structure ID: QL2 CBIA

P1 BX2436-08BVF

BOX BASE 8inW, 8inF, Variable Ht

- P3) 24" x 120" - CB INLET KY A 10' TOP LEFT - 10"
P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT - 18"
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 28"
1) CASTING - HOE KY-206 F/C (KY TY1)
1) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 26
2) Hole - 8

Structure Total:

3400 lb
5270 lb
3829 lb
206 lb
0 lb
0 lb
0 lb
12705 lb

Structure Notes:

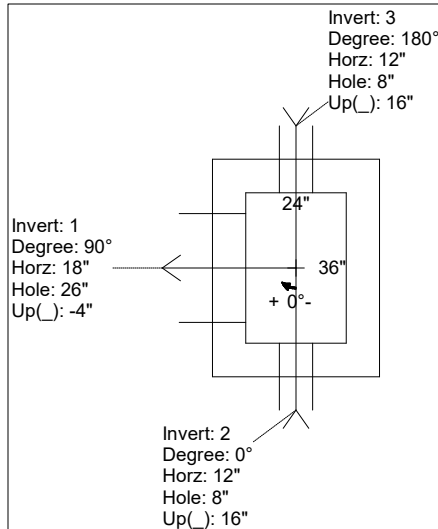
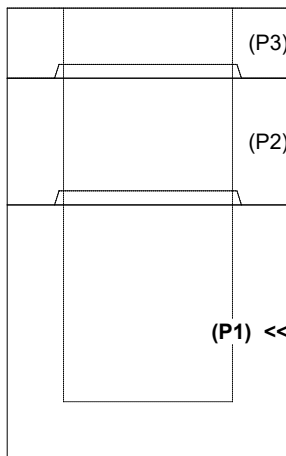
- ** KYTC STATE PROJECT ****
1. HOE KY-206 F/C (KY TY1) PROVIDED BY ICAST CAST INTO TOP PHASE TOP.
2. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
3. CONCRETE = 4,000 PI AT 28 DAYS.
4. NO INVERT CHANNEL.
5. REINFORCING PER ASTM A615 (GRADE 60).
- TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 4.67' Rim to Invert: 4.67' Slack: 0.04" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	0'	90°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	-4"	0"
Invert 2	1.5'	0°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	16"	0"
Invert 3	1.5'	180°	20"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	16"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

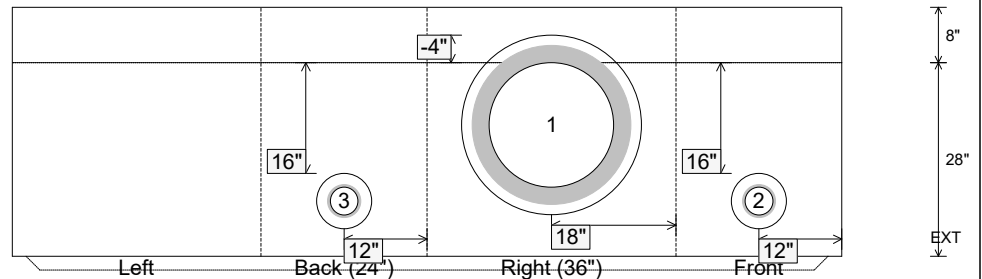
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

(P1)



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 28"
Height (Ext): 36"

Weight (Net): 3829 lb
Volume (Net): 0.98cu.yd

Job Name: 25-3193 - KYTC Kenton Co Call 328 (251320) Job Location: Independence, KY Contractor: Eaton Asphalt					Plant: 100		Tech: Jared - A			
					7/1/2026 12:30:15 PM		PC: J. Jarvis			
Structure ID: 617										
P1 BX2436-08BVF					BOX BASE 8inW, 8inF, Variable Ht					
P3) 24" x 120" - CB INLET KY A 10' TOP LEFT - 10" P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT - 18" P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 33" 1) CASTING - HOE KY-206 F/C (KY TY1) 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 24 1) Hole - 20 2) Hole - 8					3400 lb 5270 lb 4257 lb 206 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 13133 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. HOE KY 206 F/C (KY TY1) PROVIDED BY ICAST. 2. CONCRETE = 4,000 PI AT 28 DAYS. 3. 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. 4. KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP			
Rim: 915.53' Rim to Invert: 5.09' Slack: 0.08" Sump: 0" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	910.44'	0°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"
Invert 2	910.44'	180°	20"	15" ADS N-12	18"	Hole 20	20"	20"	-2.5"	0"
Invert 3	912.36'	90°	26"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21.04"	0"
Invert 4	912.36'	270°	26"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	21.04"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

INSIDE WALL DIMENSIONS

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 33" Height (Ext): 41"	Weight (Net): 4257 lb Volume (Net): 1.09cu.yd
----------------------------------	---------------------------------	--	--	--

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

Job Location: Independence, KY

Contractor: Eaton Asphalt

Plant: 100

7/1/2026 12:30:19 PM

Tech: Jared - A

PC: J. Jarvis

Structure ID: 618

P1 BX2436-08BVF

BOX BASE 8inW, 8inF, Variable Ht

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

P2) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT - 18"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 32"

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

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

2) Hole - 24

2) Hole - 8

3400 lb

5270 lb

4138 lb

206 lb

0 lb

0 lb

0 lb

Structure Total: 13014 lb

Structure Notes:

** KYTC STATE PROJECT **

1. HOE KY 206 F/C (KY TY1) PROVIDED BY ICAST.

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

3. 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.

4. KY-206 FRAME & COVER "STORM" SUPPLIED BY ICAST

FRAME TO BE CAST INTO TOP PHASE TOP FLANGE SIDE UP

Rim: 913.5'

Rim to Invert: 5.08'

Slack: 0.96"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	908.42'	0°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"
Invert 2	908.42'	180°	20"	18" ADS N-12	22"	Hole 24	24"	24"	-3"	0"
Invert 3	910.25'	90°	26"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	19.96"	0"
Invert 4	910.25'	270°	26"	4" HDPE (perf pipe)	4.8"	Hole 8	8"	8"	19.96"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

(P3)

(P2)

(P1) <<

INSIDE WALL DIMENSIONS

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 32"

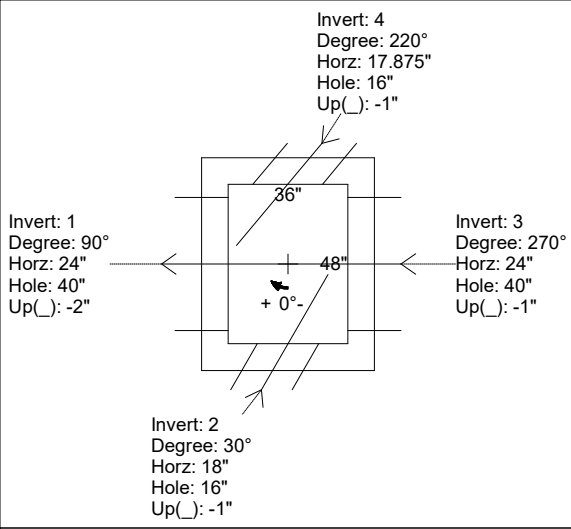
Height (Ext): 40"

Weight (Net): 4138 lb

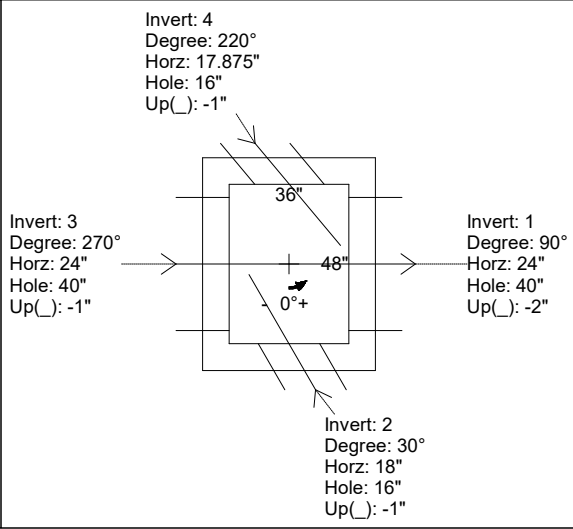
Volume (Net): 1.06cu.yd

Job Name: 26-1635 - KYTC Oldham Co (261505) Job Location: Peewee Valley, KY Contractor: Cleary Construction, Inc.					Plant: 100 7/22/2026 12:46:26 PM		Tech: Jared - F PC: T. Ryan				
Structure ID: 37887-150 ST- JB											
P1 BX3648-08BAVF		BOX BASE 8inW, 8inF, Variable Ht F/n									
P2) 36" x 48" - CB FLAT TOP 8"W SOLID F/F - 12" P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 44" 1) 36" x 48" - Conseal CS-102 1.00" 2) Hole - 40 2) Hole - 16						3351 lb 6122 lb 0 lb 0 lb 0 lb Structure Total: 9473 lb		Structure Notes: ** KYTC STATE PROJECT ** 1. KYTC JUNCTION BOX / PER ASTM C913 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. SOLID TOP SLAB - NO CASTING. REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As. 62) #5 BARS AT 6" C.C.E.W. - WALLS (As .31) #5 BARS AT 12" C.C.E.W. - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.			
Rim: 748.66' Rim to Invert: 4.7' Slack: 0.4" Sump: 0" Step Position: 90°											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset	
Invert 1	743.96'	90°	32"	36" CMP	37"	Hole 40	40"	40"	-2"	0"	
Invert 2	744.04'	30°	30.625"	12" CMP	13"	Hole 16	16"	18.475"	-1"	-12"	
Invert 3	744.04'	270°	32"	36" CMP	37"	Hole 40	40"	40"	-1"	0"	
Invert 4	744.04'	220°	32.625"	12" CMP	13"	Hole 16	16"	20.887"	-1"	-15.5"	
Invert 5											
Invert 6											
Invert 7											
Invert 8											

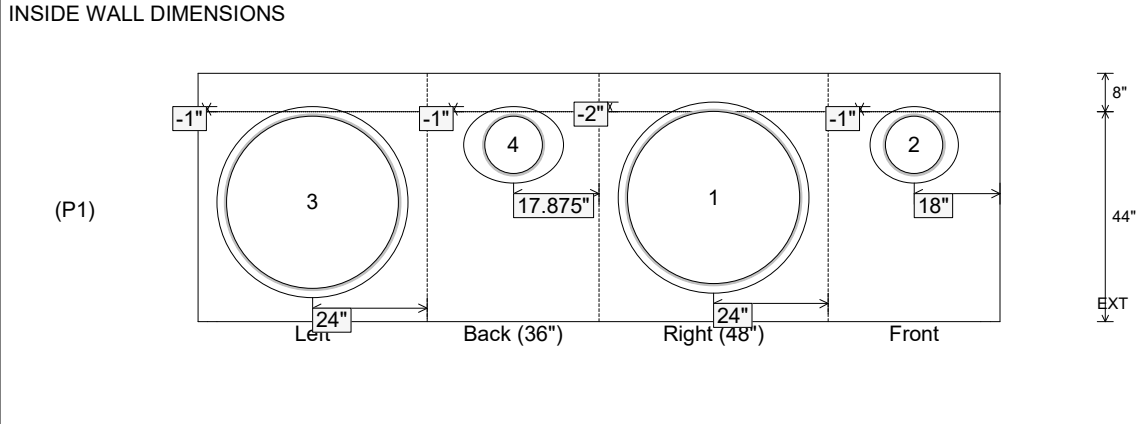
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 44" Height (Ext): 52"	Weight (Net): 6122 lb Volume (Net): 1.56cu.yd
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Job Name: 25-1684P14 KYTC Jefferson Co. Call 200 (251007)
Job Location: I-264 Louisville, Ky.
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam, KY
8/6/2026 12:06:38 PM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 17+62 CBBI-MOD B1

P2 BX036048-08TS024036

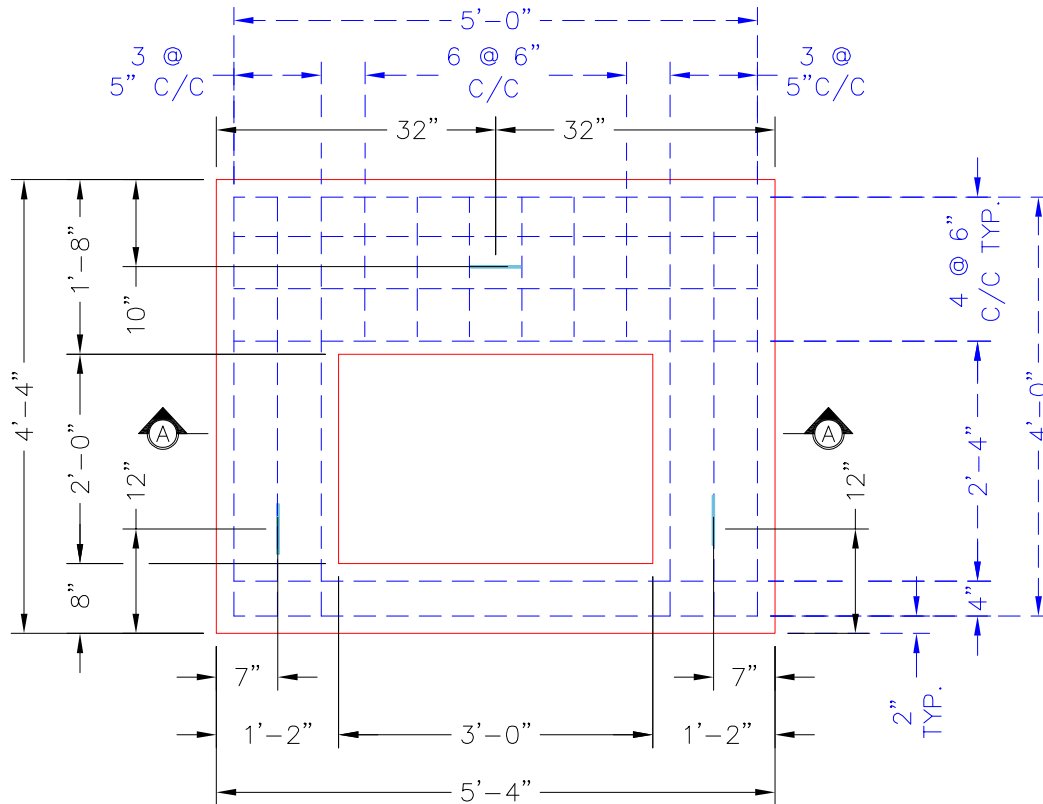
CB FT REDUCER 24"X36" HOLE-FT

- P3) 24" x 120" - CB MED BAR BOX INLET 9B1 LH - 17"
P2) 36" x 48" - CB FT REDUCER 24"X36" HOLE-FT - 8"
P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 45"
1) 36" x 48" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 40
2) Hole - 22

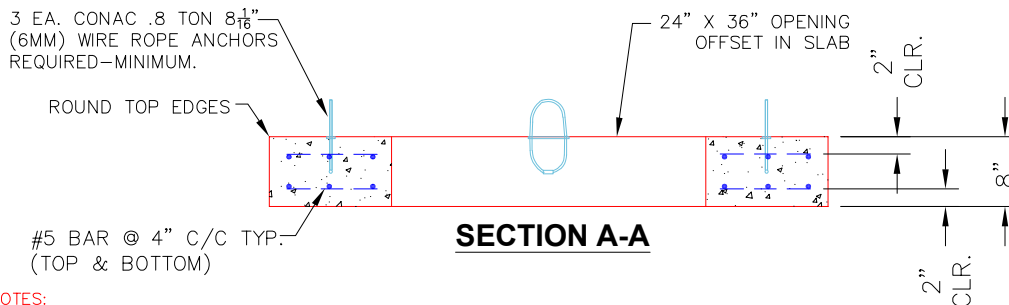
4000 lb
1654 lb
6922 lb
0 lb
0 lb
0 lb
0 lb

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

Structure Total: 12576 lb



PLAN VIEW



SECTION A-A

NOTES:

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

#5 BAR CUT LIST

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

Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

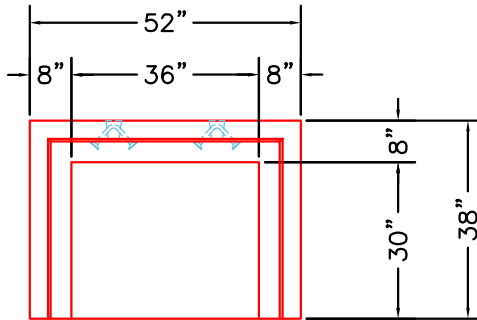
Wall Thickness: 8"

Height (Ext): 8"

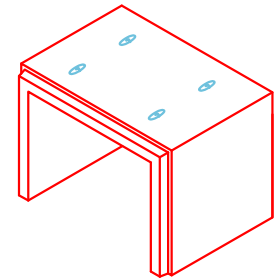
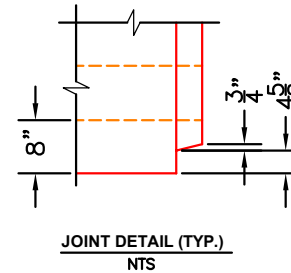
Weight (Net): 1654 lb
Volume (Net): 0.42cu.yd

GENERAL NOTES

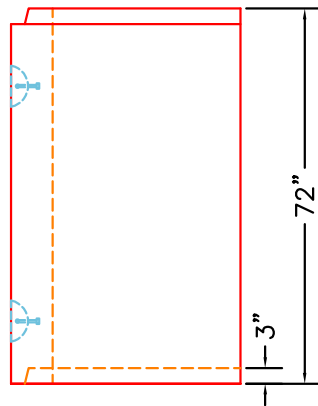
1. MANUFACTURED TO ASTM C1577 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. LOAD REQUIREMENTS = KY-HL93 (KY TABLE1).
4. COVER DEPTH = 4' TO 6'.
5. REINFORCING: PER ASTM C1577 (GRADE 60). SEE ATTACHED STAMPED DESIGN CALCULATIONS.
6. BOX CULVERT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST).
7. EXTERIOR JOINT WRAP TO BE 12" WIDE CS212.
8. WEIGHT: 36" X 30" X 69" LONG SECTION = 5,188 LBS.



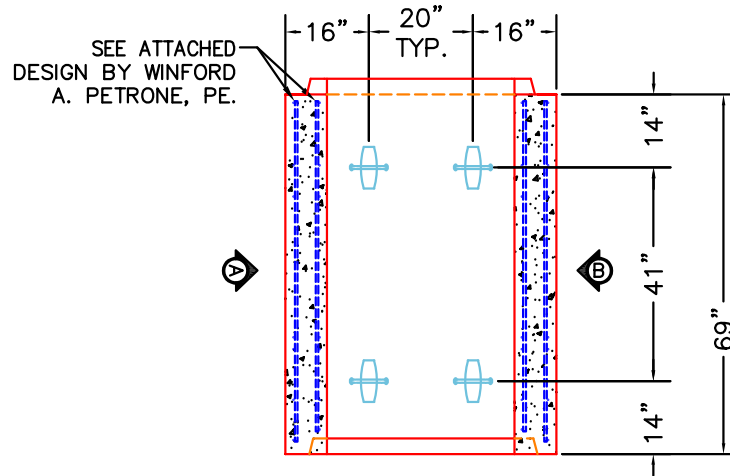
END VIEW



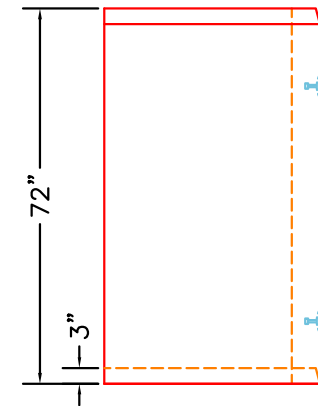
**COMPONENT
ISOMETRIC VIEW**



VIEW A
UPRIGHT IN MOLD



PLAN VIEW
UPRIGHT IN MOLD



VIEW B
UPRIGHT IN MOLD

PRODUCTION WORK ORDER



QUALITY CONTROL CHECKLIST

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

PRODUCT I.D.: CBS

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 5,188 LBS.

TOP JOINT: TONGUE

BOTTOM JOINT: GROOVE

QC CHECK INITIALS:

DESCRIPTION: 36" X 30" X 69" LONG 3-SIDED BOX CULVERT

CUSTOMER: CLEARY CONSTRUCTION INC

PROJECT: UK BP9 SITE THERMAL AND ELECTRIC UTILITIES

STRUCTURE: 36" X 30" X 69" BOX CULVERT (P3)

SALES ORDER/QUOTE NO: 25-2504

PC: C. GOFF

DRAWING: S. FELLETER

DATE: 07/31/26

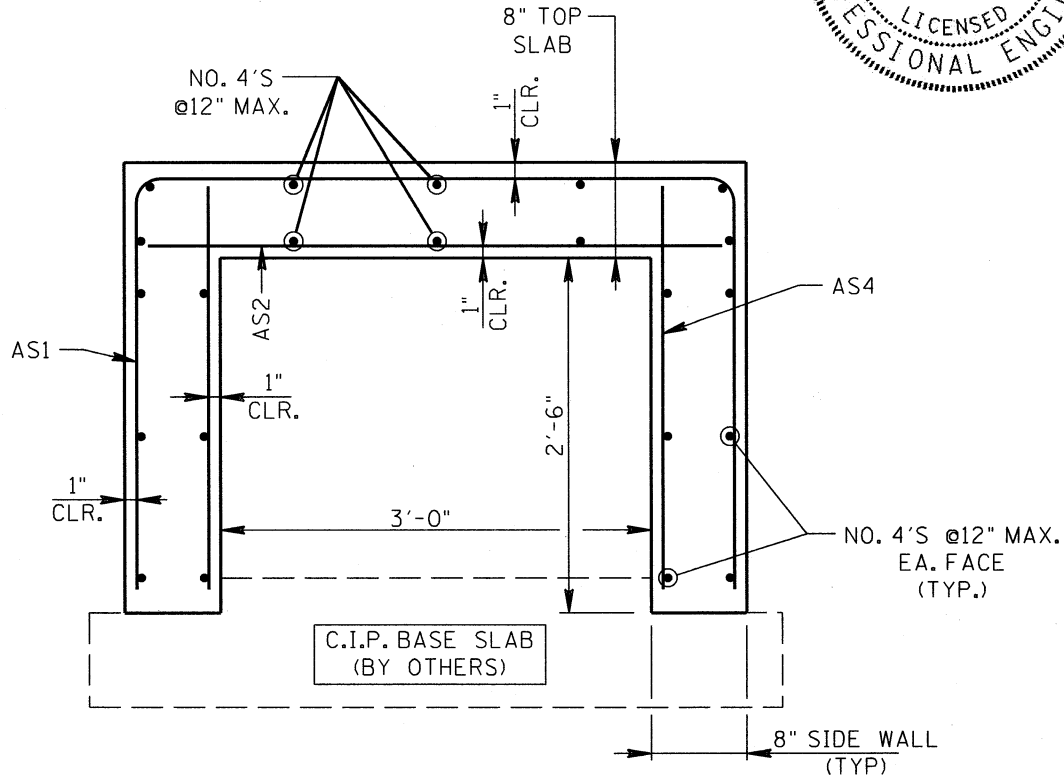
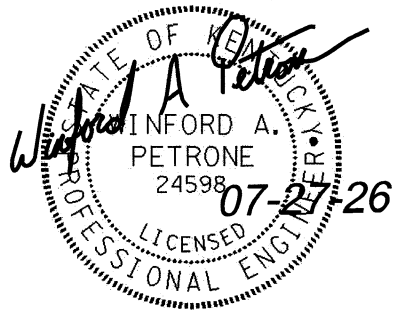
SCALE: NTS

PG. 1 of 1

58/60

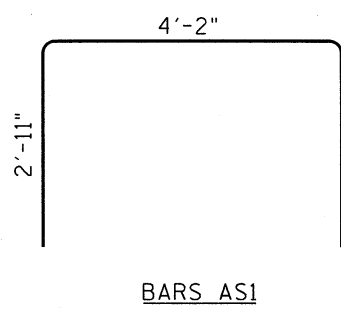
NOTE: SEE "PRECAST DESIGN SUBMITTALS, CONCRETE COMPONENTS" SHEET FOR SUMMARY OF BUILDING AND DESIGN CODES, MATERIALS REQUIREMENTS, AND DESIGN LOADS.

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



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

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



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

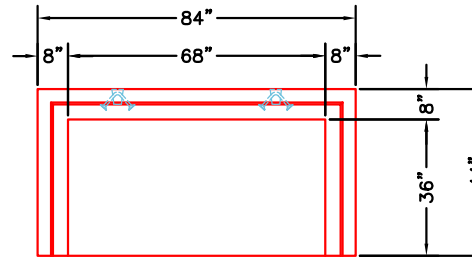
AS1, AS2, AND AS4 REINFORCING BARS
Fy-min=60 K.S.I.

THIS SECTION TO BE USED FOR ALL
RUN #2: NON-ANGLED UNITS,
RECTANGULAR IN PLAN VIEW.

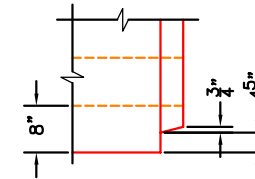
SK-4

GENERAL NOTES

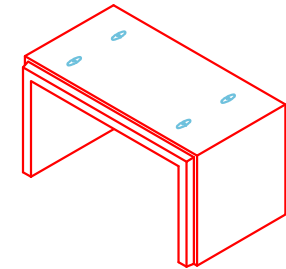
1. MANUFACTURED TO ASTM C1577 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS
3. .LOAD REQUIREMENTS = KY-HL93 (KY TABLE1).
4. COVER DEPTH = 4' TO 6'.
5. REINFORCEMENT PER ATTACHED DESIGN BY WINFORD A. PETRONE, PE
6. BOX CULVERT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST).
7. EXTERIOR JOINT WRAP TO BE 12" WIDE CS212.
8. WEIGHT: 68" X 36" X 69" LONG SECTION = 7,226 LBS.



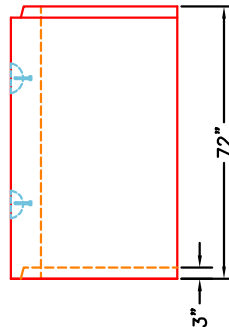
END VIEW



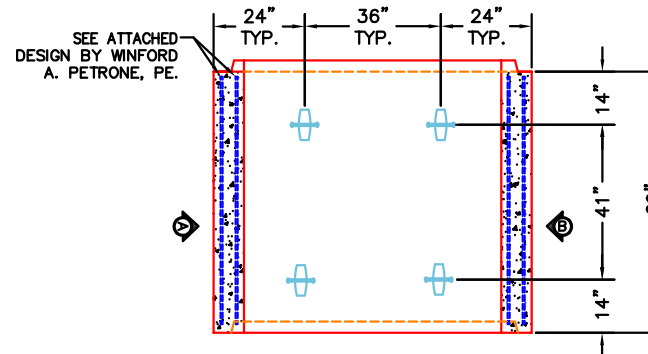
JOINT DETAIL (TYP.)
NTS



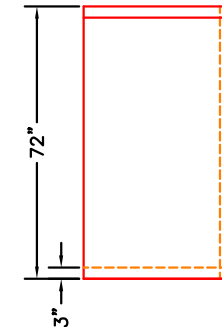
COMPONENT
ISOMETRIC VIEW



VIEW A
UPRIGHT IN MOLD



PLAN VIEW
UPRIGHT IN MOLD



VIEW B
UPRIGHT IN MOLD

4 EA. CONAC 5CA14
LIFTING ANCHORS

PRODUCTION WORK ORDER



QUALITY CONTROL CHECKLIST

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

PRODUCT I.D.: CBS

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 7,226 LBS.

TOP JOINT: TONGUE

BOTTOM JOINT: GROOVE

QC CHECK INITIALS:

DESCRIPTION: 68" X 36" X 69" LONG 3-SIDED BOX CULVERT

CUSTOMER: CLEARY CONSTRUCTION INC

PROJECT: UK BP9 SITE THERMAL AND ELECTRIC UTILITIES

STRUCTURE: 68" X 36" X 69" BOX CULVERT (P3)

SALES ORDER/QUOTE NO: 25-2504

PC: C. GOFF

DRAWING: S. FELLETER

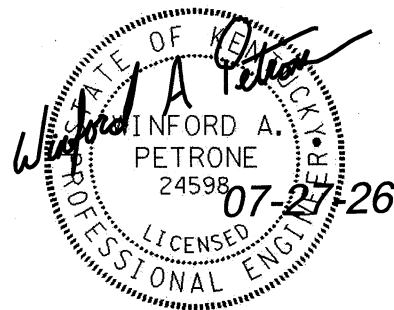
DATE: 07/31/26

SCALE: NTS

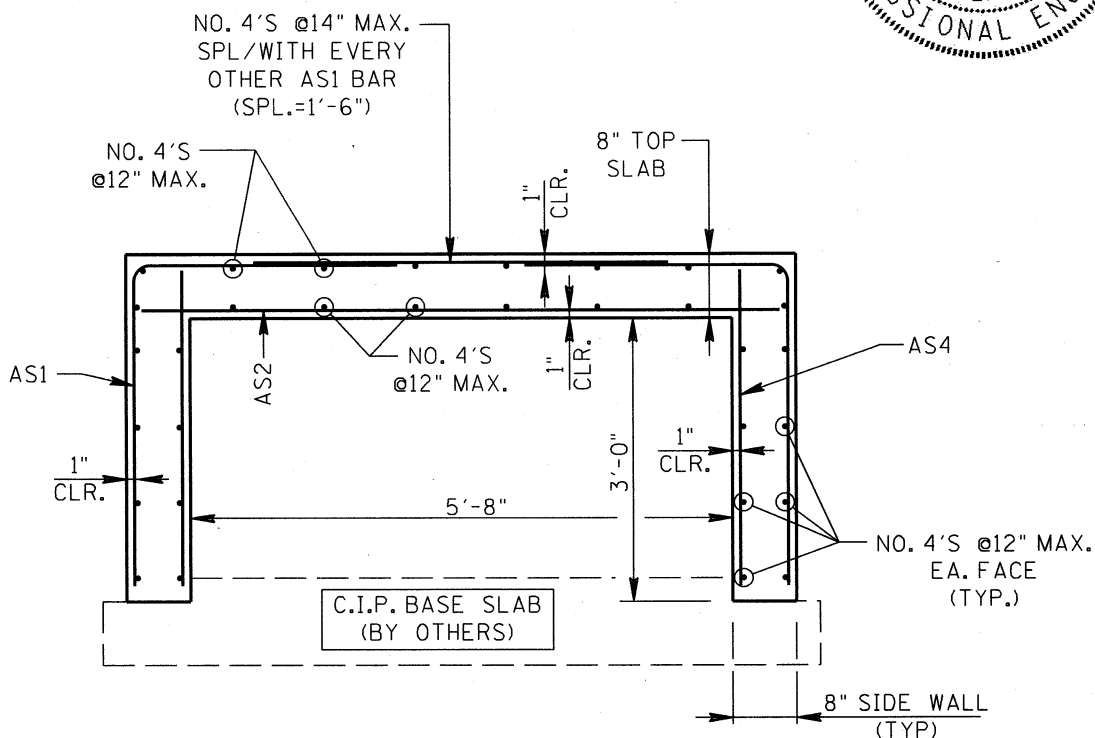
PG. 1 of 1

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

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



55/60

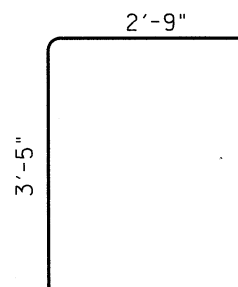


PRECAST TUNNEL SECTION

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

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

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



BARS AS1

AS1, AS2, AND AS4 REINFORCING BARS

Fy-min=60 K.S.I.

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

SK-1

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

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

Job Name: 26-1333 - Mitchell Hill Road Project

Job Location: Louisville, KY 40118

Contractor: Hall Contracting of Kentucky Inc

Plant: 100

6/16/2026 1:23:26 PM

Tech: J. Horsley

PC: J. Jarvis



Structure ID: WALL P10-P11

P4 CUSTOM WALL

WALL PANEL 6" THICK F/F

P4) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG

P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG

P2) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG

P1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG

1) Hole - 2

1398 lb

1398 lb

1398 lb

1398 lb

0 lb

Structure Total: 5591 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

2. CONCRETER = 4,000 PSI AT 28" DAYS.

3. SMOOTH FORM FINISH ON THE FRONT SURFACE.

4. 3/4" CHAMFER ON ALL LONG EDGES.

REINFORCING PER ASTM A615 (GRADE 60).

-VERTICAL BARS = #4 BARS AT 12" C/C

-HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)

Rim: 697'

Rim to Invert: 8'

Slack: 0"

Sump: 48"

Step Position:

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

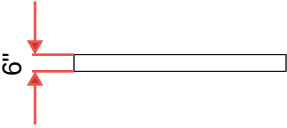
(P4) <<

(P3)

(P2)

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)



Note:

See attached typical drawing for reinforcing and lifting details.

INSIDE WALL DIMENSIONS

6'-5"

(77")

EXT

36"

(P4)

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: Flat

Wall Thickness: 0"

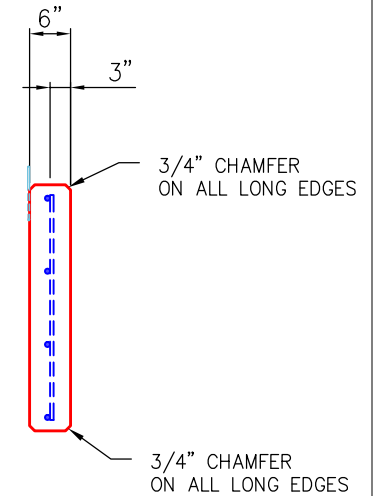
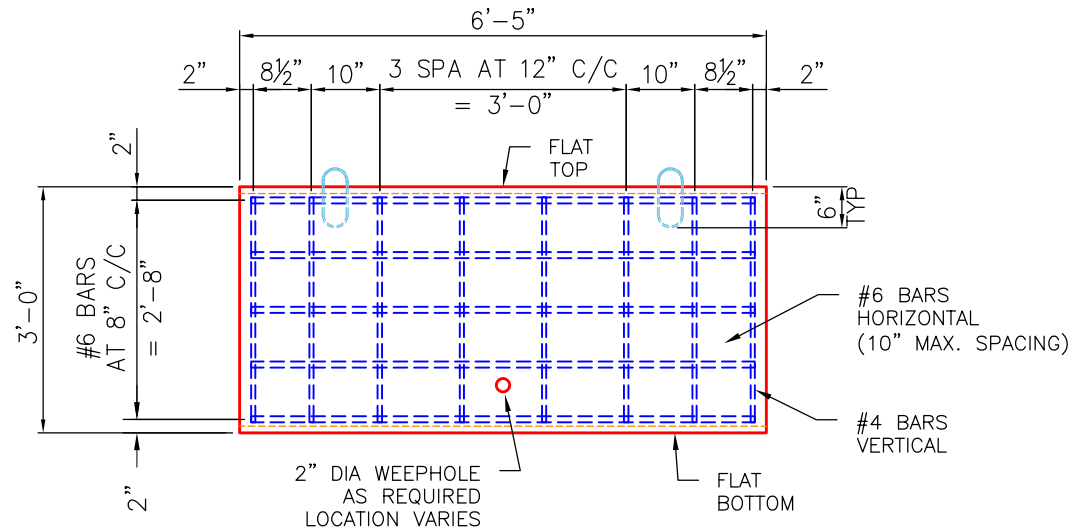
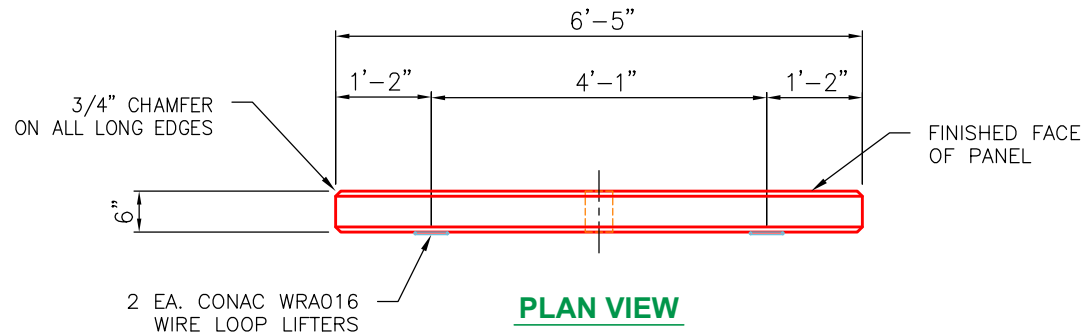
Floor Height: 0"

Height (Int): 36"

Height (Ext): 36"

Weight (Net): 1398 lb

Volume (Net): 0.36cu.yd



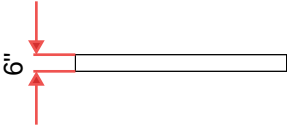
GENERAL NOTES:

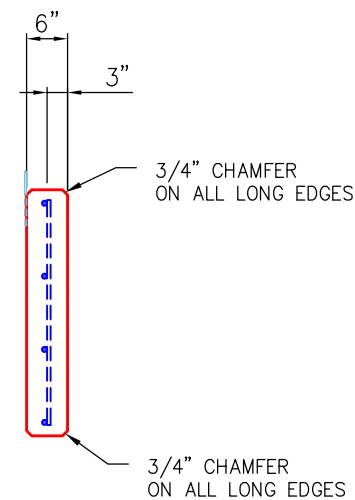
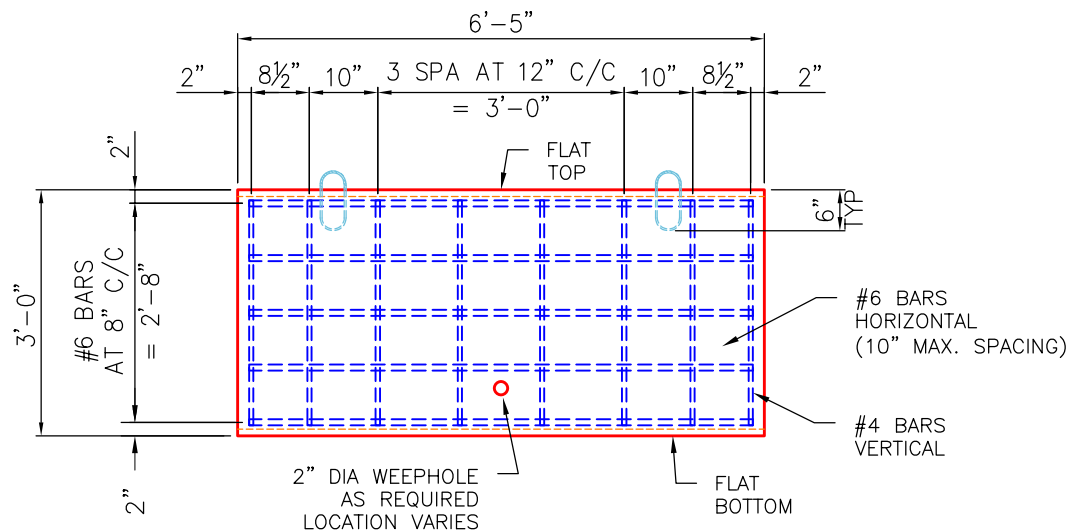
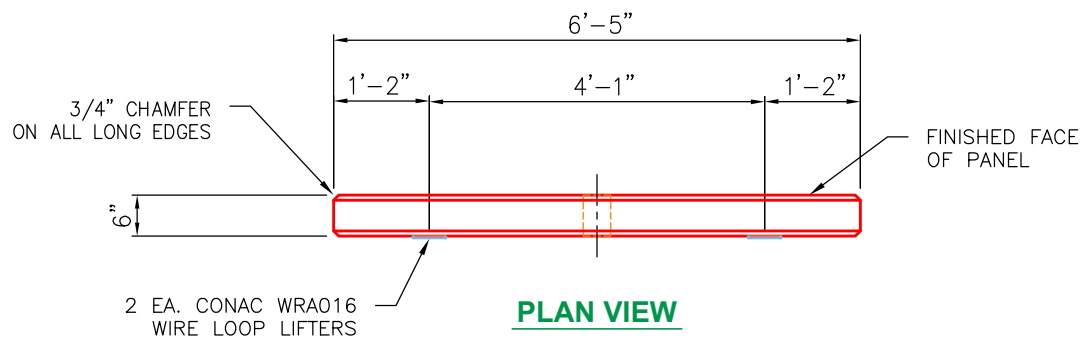
1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 1,413 LBS
6. 68 REQUIRED.

SIDE VIEW

END VIEW

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

Job Name: 26-1333 - Mitchell Hill Road Project Job Location: Louisville, KY 40118 Contractor: Hall Contracting of Kentucky Inc					Plant: 100 6/16/2026 1:22:05 PM		Tech: J. Horsley PC: J. Jarvis									
Structure ID: WALL P9-P10																
P1 CUSTOM WALL				WALL PANEL 6" THICK F/F												
P5) 77" x 6" - WALL PANEL 6" THICK F/F - 1.00' HT x 6.42' LONG P4) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P2) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG 1) Hole - 2						466 lb 1398 lb 1398 lb 1398 lb 1398 lb 0 lb		Structure Notes: . 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETER = 4,000 PSI AT 28" DAYS. 3. SMOOTH FORM FINISH ON THE FRONT SURFACE. 4. 3/4" CHAMFER ON ALL LONG EDGES. REINFORCING PER ASTM A615 (GRADE 60). -VERTICAL BARS = #4 BARS AT 12" C/C -HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)								
Rim: 698'						Rim to Invert: 9'		Slack: 0"		Sump: 48"						
Step Position:																
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset						
Invert 1																
Invert 2																
Invert 3																
Invert 4																
Invert 5																
Invert 6																
Invert 7																
Invert 8																
RIGHT-SIDE UP VIEW (int. dimensions) (P5) (P4) (P3) (P2) (P1) <<  UPSIDE-DOWN VIEW (int. dimensions) Note: See attached typical drawing for reinforcing and lifting details. INSIDE WALL DIMENSIONS 6'-5" (77") 36" <table><tr><td>Coating (Int): Coating (Ext):</td><td>Seam Up: Flat Seam Dn: Flat</td><td>Wall Thickness: 0" Floor Height: 0"</td><td>Height (Int): 36" Height (Ext): 36"</td><td>Weight (Net): 1398 lb Volume (Net): 0.36cu.yd</td></tr></table>												Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 0" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 1398 lb Volume (Net): 0.36cu.yd
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 0" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 1398 lb Volume (Net): 0.36cu.yd												



GENERAL NOTES:

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

REVISION INFORMATION	
REV.  DATE:	NO REVISIONS TO DATE



SUBMITTAL DESCRIPTION: WALL PANEL 6.50' LG x 6" THK.

CUSTOMER: HALL CONTRACTING OF KY INC.

PROJECT: MITCHELL HILL ROAD PROJECT

STRUCTURE ID.: WALL PANEL 6" THK (78" LG x 36" HT)

SALES ORDER NO: 26-1333

CHECK: B. SMITH

DRAWN BY: J. HORSLEY

DATE: 04/20/26

SCALE: NTS

PG. 1 of 1

Plant: 100

6/16/2026 1:23:24 PM

Tech:	J. Horsley
PC:	J. Jarvis



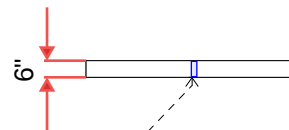
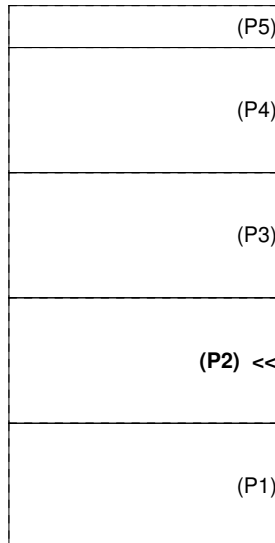
WALL PANEL 6" THICK F/F

466 lb
1398 lb
1398 lb
1398 lb
1398 lb
0 lb

6057 lb

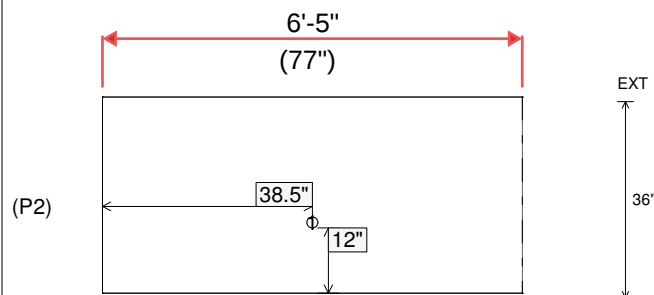
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28" DAYS.
3. SMOOTH FORM FINISH ON THE FRONT SURFACE.
4. 3/4" CHAMFER ON ALL LONG EDGES.

Structure Total: 6057 lb

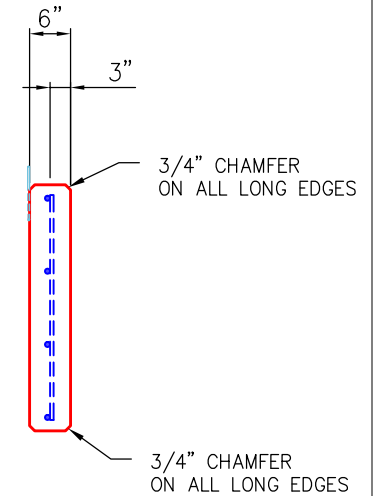
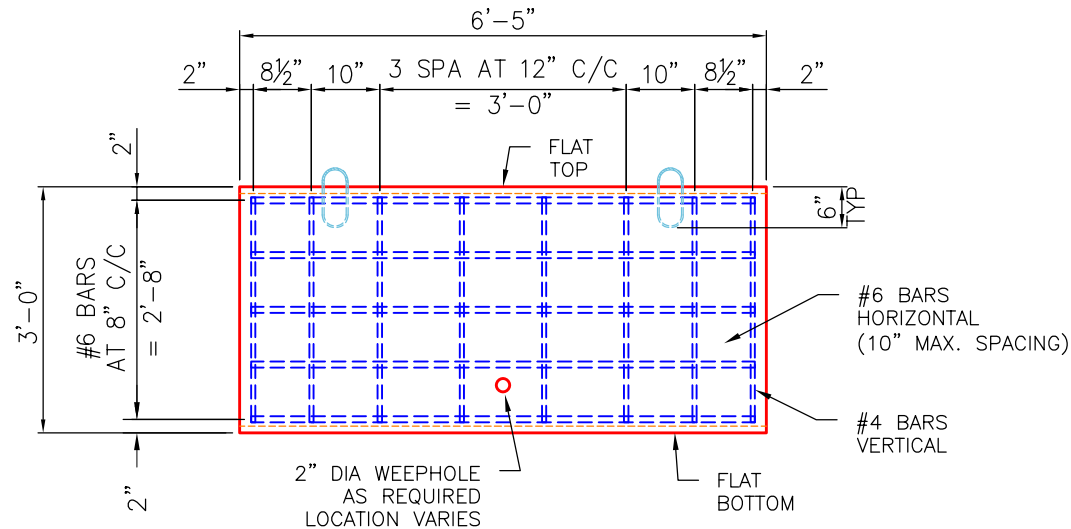
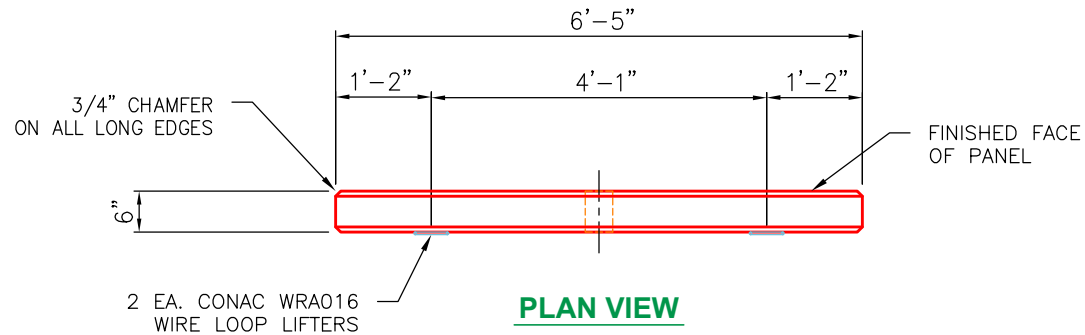
[illegible]

Invert: 1
Degree: 0°
Horz: 38.5"
Hole: 2"
Up(_): 12"

Note:
See attached typical drawing
for reinforcing and lifting details.



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



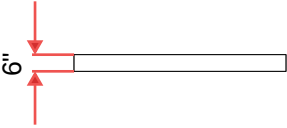
GENERAL NOTES:

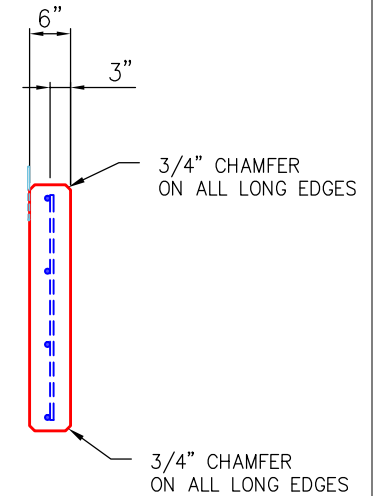
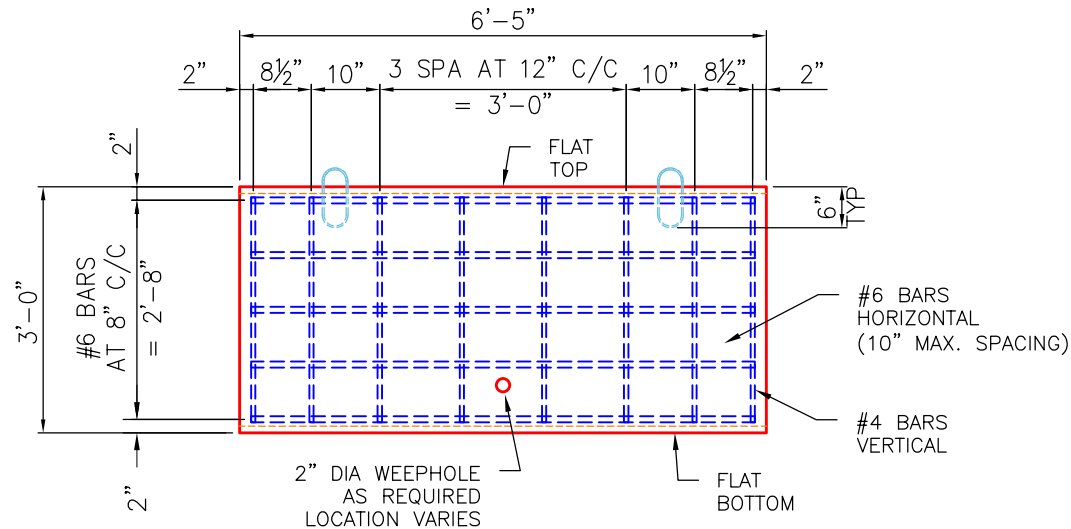
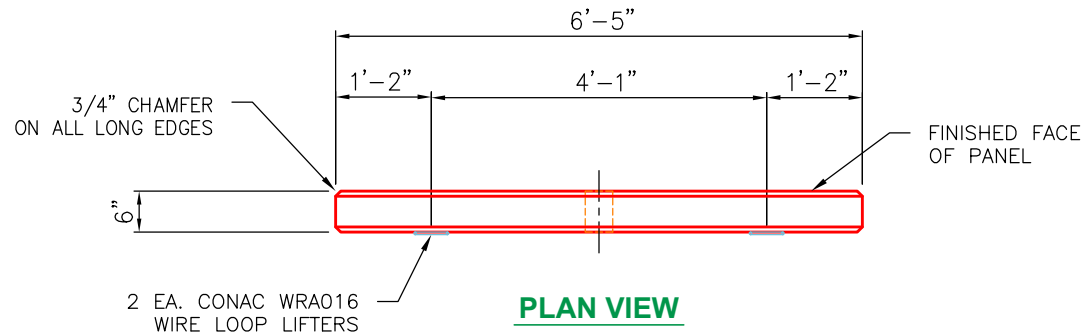
1. MANUFACTURED ASTM C913 SPECIFICATIONS.
2. CONCRETE: 4,000 PSI MINIMUM AT 28 DAYS.
3. REINFORCING: AS PER PLAN DESIGN (GRADE 60).
4. CONAC 5CA14 ANCHORS CAST IN FOR HANDLING.
5. WEIGHT = 1,413 LBS
6. 68 REQUIRED.

SIDE VIEW

END VIEW

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

Job Name: 26-1333 - Mitchell Hill Road Project Job Location: Louisville, KY 40118 Contractor: Hall Contracting of Kentucky Inc					Plant: 100 6/16/2026 1:23:24 PM		Tech: J. Horsley PC: J. Jarvis				
Structure ID: WALL P9-P10											
P3 CUSTOM WALL				WALL PANEL 6" THICK F/F							
P5) 77" x 6" - WALL PANEL 6" THICK F/F - 1.00' HT x 6.42' LONG P4) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P3) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P2) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG P1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG 1) 77" x 6" - WALL PANEL 6" THICK F/F - 3.00' HT x 6.42' LONG Hole - 2						466 lb 1398 lb 1398 lb 1398 lb 1398 lb 0 lb ----- Structure Total: 6057 lb		Structure Notes: . 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETER = 4,000 PSI AT 28" DAYS. 3. SMOOTH FORM FINISH ON THE FRONT SURFACE. 4. 3/4" CHAMFER ON ALL LONG EDGES. REINFORCING PER ASTM A615 (GRADE 60). -VERTICAL BARS = #4 BARS AT 12" C/C -HORIZONTAL BARS = #6 BARS EQUALLY SPACED (10" MAX.)			
Rim: 698' Rim to Invert: 9' Slack: 0" Sump: 48" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1											
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions) (P5) (P4) (P3) << (P2) (P1)  Note: See attached typical drawing for reinforcing and lifting details. INSIDE WALL DIMENSIONS (P3) 6'-5" (77") 36"											
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: Flat		Wall Thickness: 0" Floor Height: 0"		Height (Int): 36" Height (Ext): 36"		Weight (Net): 1398 lb Volume (Net): 0.36cu.yd		



GENERAL NOTES:

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

SIDE VIEW

END VIEW

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

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

Plant: Beaver Dam, KY
8/6/2026 12:00:43 PM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 22+18 CBBI-MOD B1

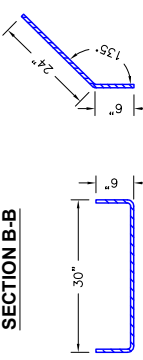
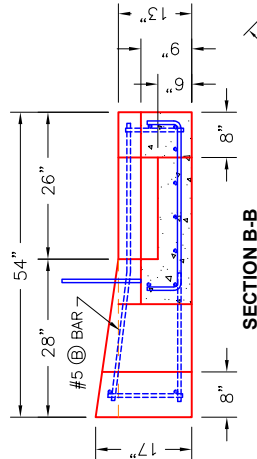
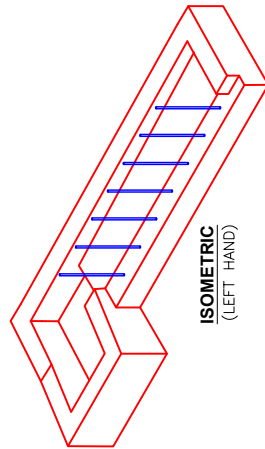
P2 CMBBIT9-B1LH

CB MED BAR BOX INLET 9B1 LH

- P3) 24" x 120" - CASTING (cast in) - 3"
P2) 24" x 120" - CB MED BAR BOX INLET 9B1 LH - 17"
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 29"
1) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 22

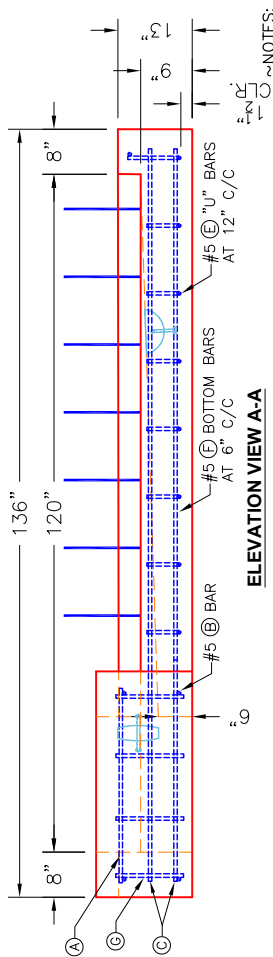
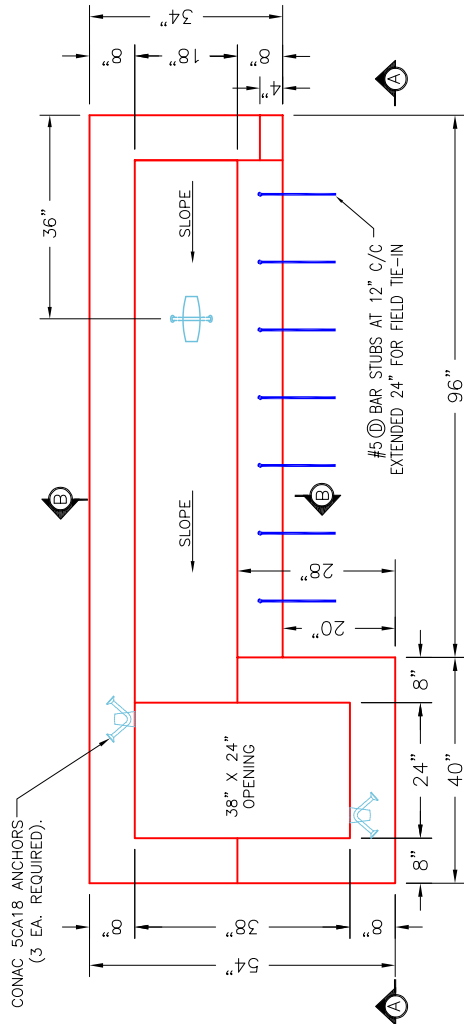
0 lb Structure Notes:
4000 lb -KYTC STATE PROJECT 251007
4100 lb -REINFORCING: #5 BAR @ 12" C/C E.W. (TYP.)
0 lb -CASTING FRAMES & GRATES BY OTHERS.
0 lb -CS-102 BUTYL REQUIRED (SUPPLIED BY ICAST).
Structure Total: 8100 lb -KYTC CERTIFICATIONS REQUIRED.

REINFORCING CUT LIST				
BAR	QTY.	MATERIAL	LENGTH	TOTAL WEIGHT
Ⓐ	3	#5 BAR	34"	9 LBS.
Ⓑ	2	#5 BAR	48"	8 LBS.
Ⓒ	3	#5 BAR	132"	34 LBS.
Ⓓ	7	#5 "L" BAR	30"	44 LBS.
Ⓔ	8	#5 "U" BAR	42"	30 LBS.
Ⓕ	5	#5 BAR	100"	44 LBS.
Ⓖ	8	#5 BAR	12"	8 LBS.



KYTC STATE PRODUCT

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.
LATEST REVISION 9-15-25



1. CONCRETE: 4,500 PSI KYTC APPROVED.
2. REINFORCING: #5 BAR @ 12\"/>

PRODUCTION WORK ORDER		DESCRIPTION: KYTC MBI B1 TYPE 9 10' TOP PHASE (LEFT HAND)	
QUALITY CONTROL CHECKLIST		CUSTOMER: CLEARY CONSTRUCTION INC.	
ALL DIMENSIONS CORRECT.		PROJECT: JEFFERSON CO. (251007)	
LIFTERS INSTALLED.		STRUCTURE ID.: 22+18 MBI B1 (SEC. P3)	
CASTING AT CORRECT LOCATION.		SALES ORDER NO.: 25-1684	
REINFORCING CORRECT.		DRAWING: N. RICHARDS	
LIGHT BRUSH FINISH ACCEPTABLE.		DATE: 11/19/25	
KYTC STANDARD THROAT CORRECT.		SCALE: NTS	
ALL PATCHWORK ACCEPTABLE.		PG. 1 of 1	



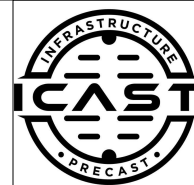
THIS DRAWING IS THE PROPERTY OF INFRASTRUCTURE PRECAST, INC. ANY USE OR DUPLICATION OF THIS DRAWING WITHOUT PRIOR AUTHORIZATION IS STRICTLY PROHIBITED.

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 8"	Height (Ext): 17"	Weight (Net): 4000 lb Volume (Net): 0cu.yd
----------------------------------	--------------------------------	--------------------	-------------------	---

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

Plant: Beaver Dam, KY
8/5/2026 8:13:00 AM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 16+15 JB-B1 INLET 36

P1 BX6060-08BA66

BOX BASE 8inW, 8inF

P3) CASTING (cast in) - 0
P2) 60" x 60" - BX FLAT LID 8inW SPEC. (KY JB-B1) - 8"
P1) 60" x 60" - BOX BASE 8inW, 8inF - 66"
1) SECONDARY POUR - WALLS
2) Hole - 52

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

Structure Total:

0 lb
3574 lb
13077 lb
0 lb
0 lb

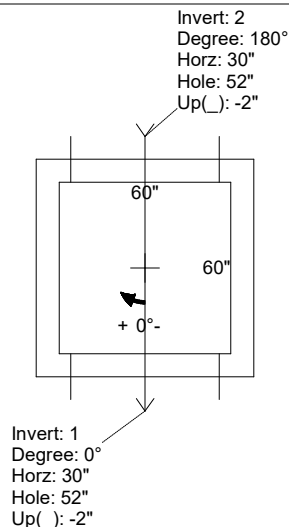
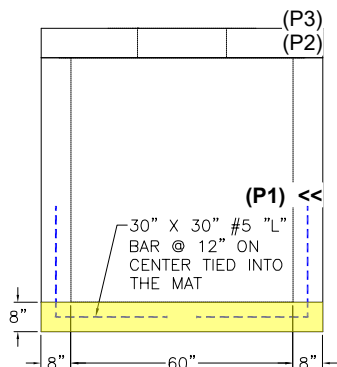
16651 lb

FIRST POUR DRAWING

Rim: 558.2' Rim to Invert: 6.23' Slack: 0.76" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	551.97'	0°	38"	48" CMP	49"	Hole 52	52"	52"	-2"	0"
Invert 2	551.97'	180°	38"	48" CMP	49"	Hole 52	52"	52"	-2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

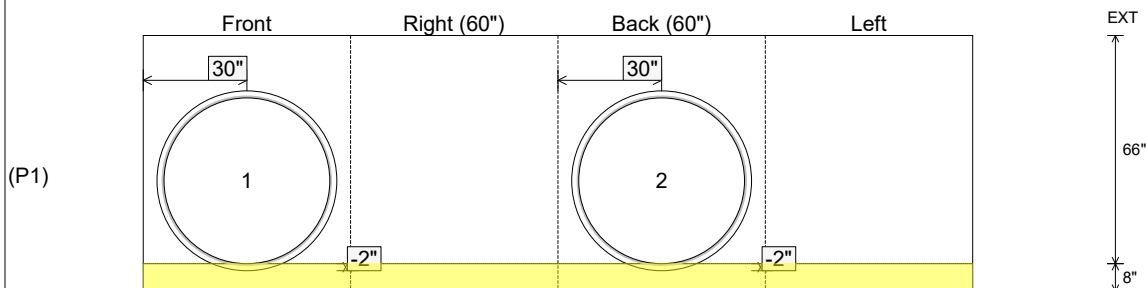
RIGHT-SIDE UP VIEW (int. dimensions)



WEIGHTS:

FIRST POUR: 3,877 LBS
SECOND POUR: 9,200 LBS
TOTAL: 13,077 LBS

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 66"
Height (Ext): 74"

Weight (Net): 13077 lb
Volume (Net): 3.34cu.yd

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

Plant: Beaver Dam, KY
8/5/2026 8:13:00 AM

Tech: J. Coppage
PC: T. Ryan



Structure ID: 16+15 JB-B1 INLET 36

P1 BX6060-08BA66

BOX BASE 8inW, 8inF

P3) CASTING (cast in) - 0
P2) 60" x 60" - BX FLAT LID 8inW SPEC. (KY JB-B1) - 8"
P1) 60" x 60" - BOX BASE 8inW, 8inF - 66"
1) SECONDARY POUR - WALLS
2) Hole - 52

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

Structure Total:

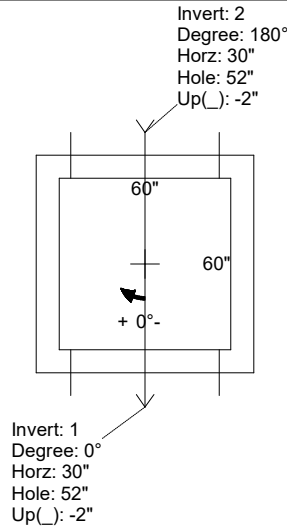
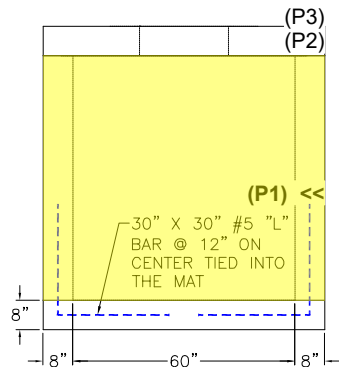
16651 lb

SECOND POUR DRAWING

Rim: 558.2' Rim to Invert: 6.23' Slack: 0.76" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	551.97'	0°	38"	48" CMP	49"	Hole 52	52"	52"	-2"	0"
Invert 2	551.97'	180°	38"	48" CMP	49"	Hole 52	52"	52"	-2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



WEIGHTS:

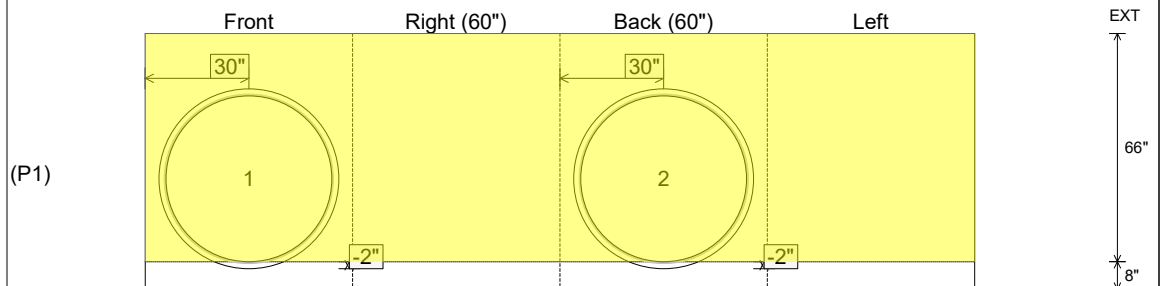
FIRST POUR: 3,877 LBS

SECOND POUR: 9,200 LBS

TOTAL: 13,077 LBS

4 ea. 5CA14 CONAC A-ANCHOTS FOR PLANT & FIELD HANDLING. INSTALLED IN 90-DEGREE & 270-DEGREE WALLS, 18" FROM THE TOP OF THE WALLS.

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 66"
Height (Ext): 74"

Weight (Net): 13077 lb
Volume (Net): 3.34cu.yd