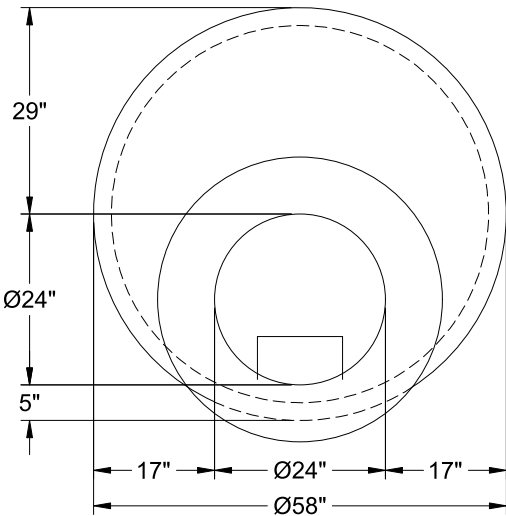
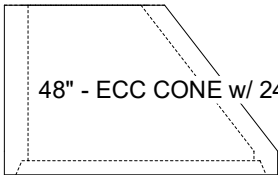


Job Name: 25-3579 - Lebanon Rd Clarks Run Trunk Sewer Ph 2		Plant: 100	Tech: J. Horsley	
Job Location: Danville, KY		6/7/2026 1:26:04 PM	PC: C. Goff	
Contractor: Hubert Excavating & Contracting				
Structure ID: MH A10				
P4	MH048CN36SP	ECC CONE w/ 24" HOLE, w/Coating F/G		
P5) 24" - CASTING HEIGHT - 7"		0 lb	Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: PER ASTM A615 4. CARBOLINE 300M EXTERIOR COATING REQUIRED 5. STEPS REQUIRED 6. HOE MC-375 FRAME & COVER "SANITARY" SUPPLIED BY OTHERS	
P4) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 36"		2251 lb		
P3) 48" - MH RISER w/COATING T/G - 36"		2515 lb		
P2) 60" - MH Trans. Slab - 48" Hole ECC, w/Coating T/G - 13"		1928 lb		
P1) 60" - MH BASE w/FLANGE (08F/07EF) w/Coating T/n - 72"		10483 lb		
1) JOINT WRAP - 12" WD x 060" MAC WRAP		0 lb		
1) 60" - MH INVERT CHANNEL - FULL HEIGHT		2692 lb		
1) SPECIAL EXTERNAL COATING - Carboline 300M		0 lb		
2) JOINT WRAP - 12" WD x 048" MAC WRAP		0 lb		
1) SECONDARY POUR - Extended Flange		0 lb		
1) 60" - Conseal CS-102 1.00" (Double)		0 lb		
2) 48" - Conseal CS-102 1.00" (Double)		0 lb		
1) 24" - Conseal CS-102 1.00" (Double)		0 lb		
2) A-Lok - 1040		2 lb		
12) MH Step ML-10-TDS-NCR - 10"		0 lb		
260.44 SqFt) Carboline Bitumastic 300M [EXT]		0 lb		
Structure Total:		19871 lb		
				
				
Coating (Int): Coating (Ext): Carboline Bitumastic 300M	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 5"	Height (Ext): 36"	Weight (Net): 2251 lb Volume (Net): 0.57cu.yd

Job Number:

25-3579

Job Name:

Lebanon Rd Clarks Run Trunk Sewer
Ph 2

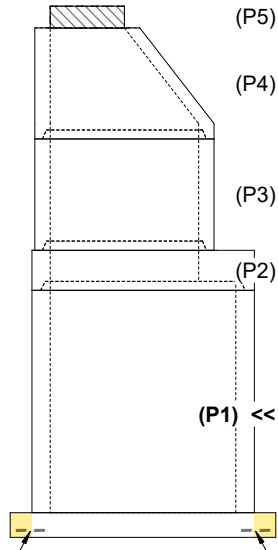
Structure:

MH A10

Note:

This Structure Is To Receive An
External Coating of Carboline 300M
(Supplied By iCast)

Job Name: 25-3579 - Lebanon Rd Clarks Run Trunk Sewer Ph 2 Job Location: Danville, KY Contractor: Hubert Excavating & Contracting				Plant: 100 6/7/2026 1:24:47 PM		Tech: J. Horsley PC: C. Goff				
Structure ID: MH A10										
P1		MH060BAEVF		MH BASE w/FLANGE (08F/07EF) w/Coating T/n						
P5) 24" - CASTING HEIGHT - 7" P4) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 36" P3) 48" - MH RISER w/COATING T/G - 36" P2) 60" - MH Trans. Slab - 48" Hole ECC, w/Coating T/G - 13" P1) 60" - MH BASE w/FLANGE (08F/07EF) w/Coating T/n - 72" 1) JOINT WRAP - 12" WD x 060" MAC WRAP 1) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) SPECIAL EXTERNAL COATING - Carboline 300M 2) JOINT WRAP - 12" WD x 048" MAC WRAP 1) SECONDARY POUR - Extended Flange 1) 60" - Conseal CS-102 1.00" (Double) 2) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) A-Lok - 1040 12) MH Step ML-10-TDS-NCR - 10" 260.44 SqFt) Carboline Bitumastic 300M [EXT]				0 lb 2251 lb 2515 lb 1928 lb 10483 lb 0 lb 2692 lb 0 lb 0 lb 0 lb 0 lb 0 lb 2 lb 0 lb 0 lb 0 lb		Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS 2. CONCRETE: 4,000 PSI AT 28 DAYS 3. REINFORCEMENT: DRILL & DOWEL #5 BAR @ 8" C.C. E.W. (GRADE 60) FOR FLANGE POUR TIE-IN - 4" MIN. PENETRATION INTO BASE FLOOR & 2" MIN. REBAR CLEARANCE (TYP) 4. INVERT CHANNEL REQUIRED 5. CARBOLINE 300M EXTERIOR COATING REQUIRED 6. STEPS AT 261.5 DEGREES 7. HOE MC-375 FRAME & COVER "SANITARY" SUPPLIED BY OTHERS				
Rim: 902.76' Rim to Invert: 13.485' Slack: 0.035" Sump: 2.215" Step Position: 261.5"				Structure Total: 19871 lb						
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	889.275'	0°	0"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0"	0"
Invert 2	889.325'	163°	102.375"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0.625"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



(P5)
(P4)
(P3)
(P2)
(P1) <<

DRILL & DOWEL #5 BAR @ 8" C.C. E.W. (GRADE 60) OUT OF BASE FLOOR FOR FLANGE POUR TIE-IN - MIN. 4" PENETRATION INTO BASE FLOOR & 2" MIN. REBAR CLEARANCE (TYP)

RIGHT-SIDE UP VIEW (int. dimensions)

**FIRST POUR (BASE):
9,316 LBS**

**SECOND POUR (EXT. FLANGE):
1,167 LBS**

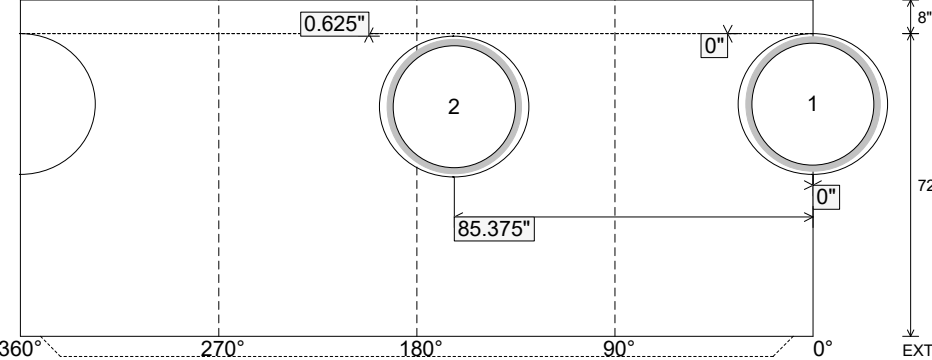
UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2
Degree: 163°
Horz: 85.375"
Hole: 33.5"
Up(): 0.625"

Step: 261.5°
Horz: 136.875"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 33.5"
Up(): 0"

INSIDE WALL DIMENSIONS



(P1)

0.625"
0"
85.375"
0"
0"
8"
72"
EXT

360° 270° 180° 90° 0°

Coating (Int): Coating (Ext): Carboline Bitumastic 300M	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 72" Height (Ext): 80"	Weight (Net): 10483 lb Volume (Net): 2.68cu.yd
--	---------------------------------	--	--	---

Job Name: 25-3579 - Lebanon Rd Clarks Run Trunk Sewer Ph 2

Job Location: Danville, KY

Contractor: Hubert Excavating & Contracting

Plant: 100

6/7/2026 1:24:47 PM

Tech: J. Horsley

PC: C. Goff



Structure ID: MH A10

P1 MH060BAEVF

MH BASE w/FLANGE (08F/07EF) w/Coating T/n

P5) 24" - CASTING HEIGHT - 7"

P4) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 36"

P3) 48" - MH RISER w/COATING T/G - 36"

P2) 60" - MH Trans. Slab - 48" Hole ECC, w/Coating T/G - 13"

P1) 60" - MH BASE w/FLANGE (08F/07EF) w/Coating T/n - 72"

1) JOINT WRAP - 12" WD x 060" MAC WRAP

1) 60" - MH INVERT CHANNEL - FULL HEIGHT

1) SPECIAL EXTERNAL COATING - Carboline 300M

2) JOINT WRAP - 12" WD x 048" MAC WRAP

1) SECONDARY POUR - Extended Flange

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

2) 48" - Conseal CS-102 1.00" (Double)

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

2) A-Lok - 1040

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

260.44 SqFt) Carboline Bitumastic 300M [EXT]

0 lb

2251 lb

2515 lb

1928 lb

10483 lb

0 lb

2692 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

2 lb

0 lb

0 lb

19871 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT:

- WALLS: PER ASTM A615

- FLOOR: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. INVERT CHANNEL REQUIRED

5. CARBOLINE 300M EXTERIOR COATING REQUIRED

6. STEPS AT 261.5 DEGREES

7. HOE MC-375 FRAME & COVER "SANITARY" SUPPLIED BY OTHERS

Rim: 902.76' Rim to Invert: 13.485' Slack: 0.035" Sump: 2.215" Step Position: 261.5"

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	889.275'	0°	0"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0"	0"
Invert 2	889.325'	163°	102.375"	30" PVC F679 (PS115)	32"	A-Lok 1040	33.5"	35.543"	0.625"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 163°

Horz: 85.375"

Hole: 33.5"

Up(): 0.625"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 33.5"

Up(): 0"

Step: 261.5°

Horz: 136.875"

(P5)

(P4)

(P3)

(P2)

(P1) <<

UPSIDE-DOWN VIEW (int. dimenions)

INVERT CHANNEL DRAWING

INSIDE WALL DIMENSIONS

0.625"

0"

85.375"

0"

0"

8"

72"

0"

360°

270°

180°

90°

0°

EXT

(P1)

2

1

Coating (Int):

Coating (Ext): Carboline Bitumastic 300M

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 72"

Height (Ext): 80"

Weight (Net): 10483 lb

Volume (Net): 2.68cu.yd

Job Number:

25-3579

Job Name:

Lebanon Rd Clarks Run Trunk Sewer
Ph 2

Structure:

MH A10

Note:

This Structure Is To Receive An
External Coating of Carboline 300M
(Supplied By iCast)

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

Plant: 100

3/27/2026 11:39:59 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301545

P2 MH060TS15-48ECC

MH Transition Slab 48" Hole T/G

P5) 24" - CASTING HEIGHT - 7"
P4) 48" - CON CONE w/24" HOLE F/G - 36"
P3) 48" - MH RISER T/G - 72"
P2) 60" - MH Transition Slab 48" Hole T/G - 15"
P1) 60" - MH BASE (10"F) Custom Ht T/n - 69"
1) 60" - MH INVERT CHANNEL - FULL HEIGHT
1) 60" - Conseal CS-102 1.00" (Double)
2) 48" - Conseal CS-102 1.00" (Double)
2) A-Lok - 1235
15) MH Step ML-10-TDS-NCR - 10"

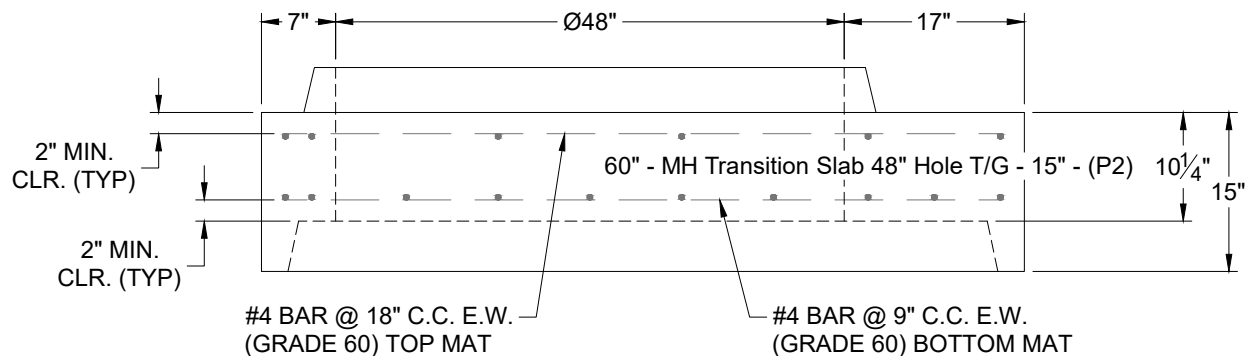
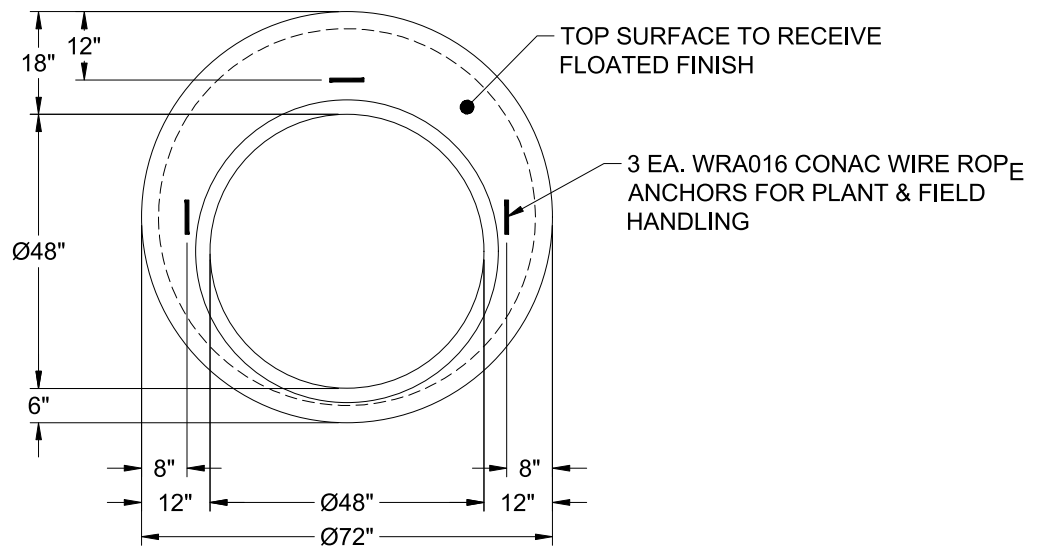
Structure Total:

0 lb
2252 lb
5030 lb
2204 lb
9265 lb
2692 lb
0 lb
0 lb
2 lb
0 lb

21445 lb

Structure Notes:

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



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 6"

Height (Ext): 15"

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

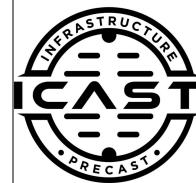
Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements
Job Location: Fort Mitchell, KY 41017
Contractor: Lykins Contracting

Plant: 100

3/27/2026 11:39:57 AM

Tech: J. Horsley - A

PC: Celina Goff



Structure ID: 2301544

P3 MH060TS15-48ECC

MH Transition Slab 48" Hole T/G

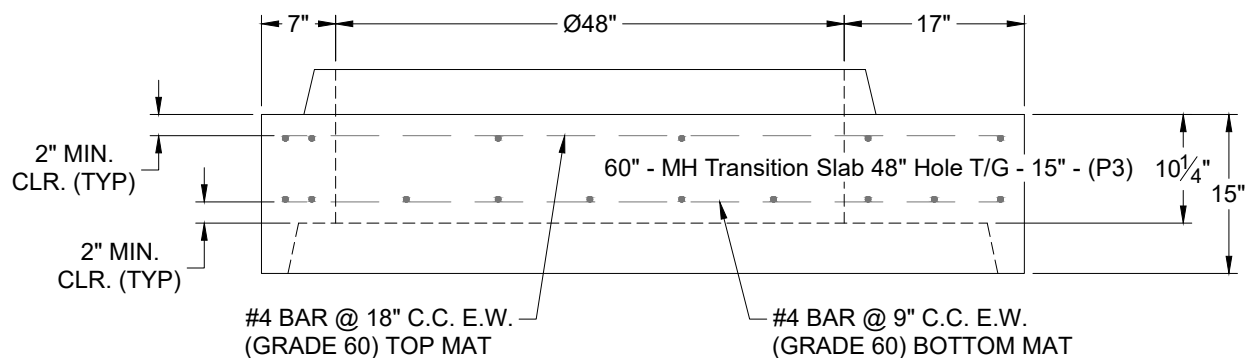
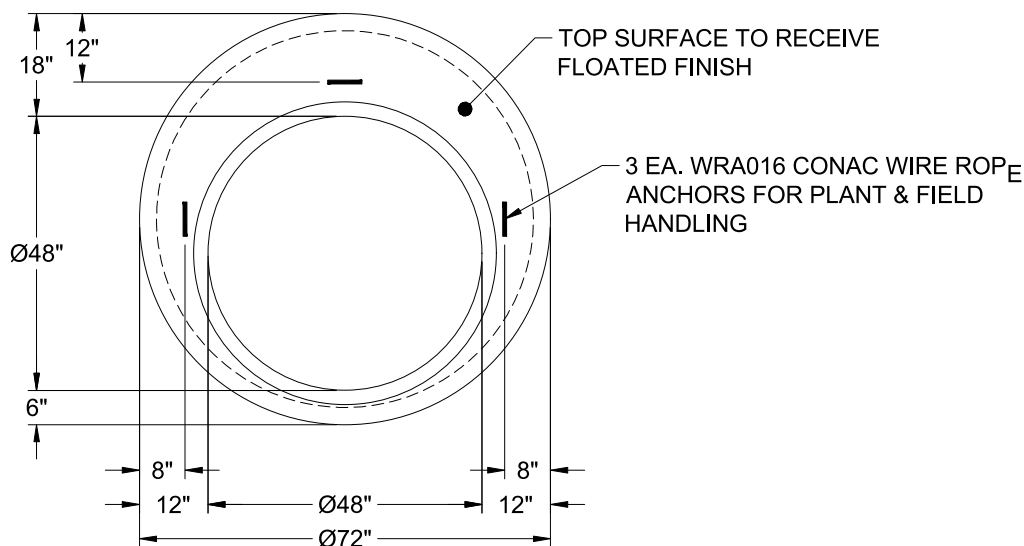
P6) 24" - CASTING HEIGHT - 7"
P5) 48" - CON CONE w/24" HOLE F/G - 24"
P4) 48" - MH RISER T/G - 72"
P3) 60" - MH Transition Slab 48" Hole T/G - 15"
P2) 60" - MH RISER w/DROP T/G - 60"
P1) 60" - MH BASE (12"F) w/DROP Custom Ht T/n - 72"
1) 60" - MH INVERT CHANNEL - FULL HEIGHT
1) SECONDARY POUR - Add Exterior Drop to Base (P1)
1) SECONDARY POUR - Add Exterior Drop to Riser (P2)
2) 60" - Conseal CS-102 1.00" (Double)
2) 48" - Conseal CS-102 1.00" (Double)
2) A-Lok - 1235
1) Drop Tee - 8" PVC
1) Drop Elbow - 8" PVC
19) MH Step ML-10-TDS-NCR - 10"

0 lb
2252 lb
5030 lb
2204 lb
6235 lb
13845 lb
2692 lb
3612 lb
2580 lb
0 lb
0 lb
2 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 38452 lb

Structure Notes:

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



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 6"

Height (Ext): 15"

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

Job Name: 26-2402 ADS UK Johnson Center
Job Location: Lexington, KY
Contractor: ADS Advanced Drainage Systems, Inc.

Plant: Beaver Dam
6/3/2026 2:11:46 PM

Tech:
PC: T. Ryan



Structure ID: DS24

P4 MH072LD15-24CC

MH FLAT LID w/24" CC Hole F/G

P5) 24" - CASTING HEIGHT - 7"
P4) 72" - MH FLAT LID w/24" CC Hole F/G - 15"
P3) 72" - MH RISER T/G - 66"
P2) 72" - MH RISER T/G - 48"
P1) 72" - MH BASE T/h - 18"

- 1) ASSEMBLY REQUIRED
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) CASTING - HOE MCB-375-B F/Bar Grt
- 3) 72" - Conseal CS-102 1.00" (Double)
- 1) 24" - Conseal CS-102 1.00" (Double)
- 2) Hole - 28
- 1) Hole - 16

0 lb
5097 lb
8763 lb
6997 lb
6523 lb
0 lb
0 lb
0 lb
250 lb
0 lb
0 lb
0 lb
0 lb
0 lb

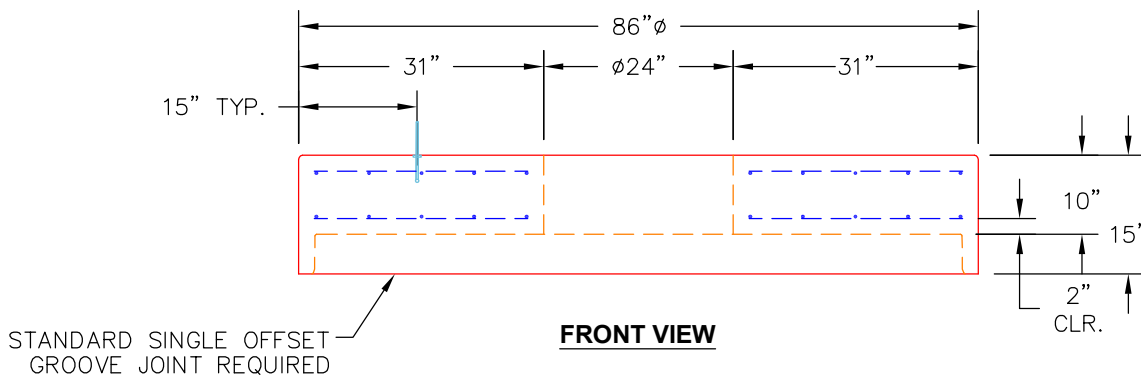
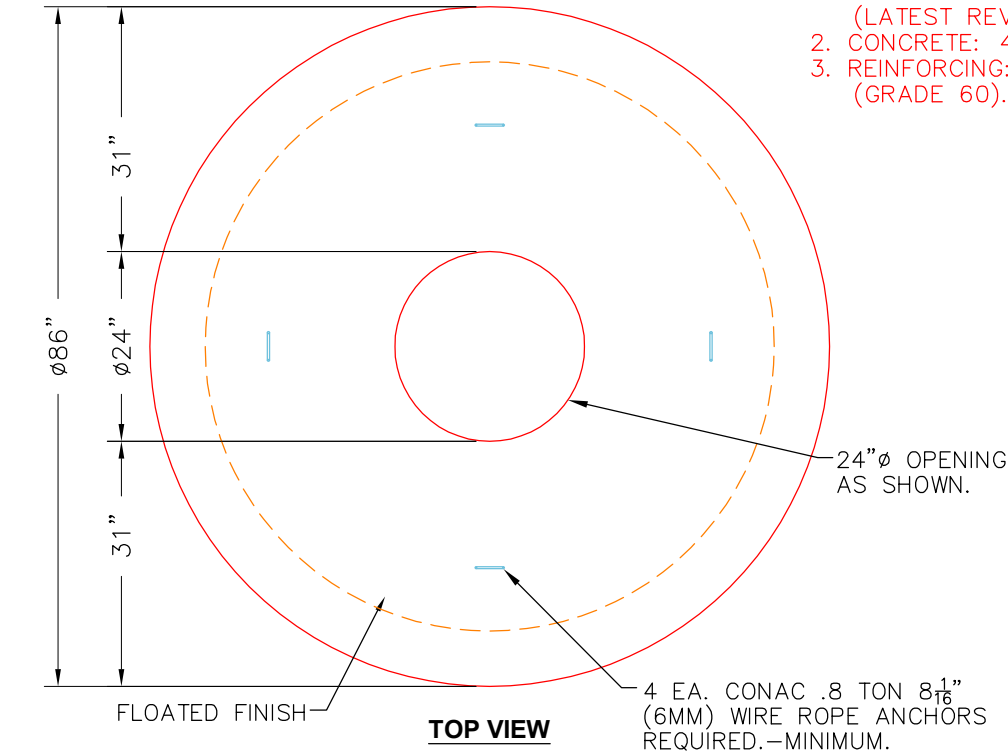
Structure Total: 27631 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (HOE MCB-375-B F/BAR GRT).
 4. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE.
 5. P2 & P3 RISERS TO BE MECHANICALLY ATTACHED BEFORE INTERNAL INSTALLATION/DELIVERY.
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .18)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

NOTES:

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



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 7"

Height (Ext): 15"

Weight (Net): 5097 lb
Volume (Net): 1.3cu.yd

Job Name: 25-3062 Portland Bypass

Job Location: Portland, TN

Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

6/1/2026 8:24:55 AM

Tech: J. Coppage

PC: C. Goff



Structure ID: MD-10

P3 MH084RS48

MH RISER

P5) 48" x 48" - CASTING HEIGHT - 0"

P4) 84" - MH FLAT TOP w/48"x48" Hole - 14.5"

P3) 84" - MH RISER - 48"

P2) 84" - MH RISER - 96"

P1) 84" - MH BASE Custom Ht - 93"

1) CASTING - JBS TYPE 39 TDOT GRATES (48" X 48")

3) 84" - Conseal CS-102 1.00"

1) 48" x 48" - Conseal CS-102 1.00"

2) Hole - 54

0 lb

6753 lb

9313 lb

18626 lb

20023 lb

459 lb

0 lb

0 lb

0 lb

Structure Total: 55174 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. JBS TDOT TYPE 39 BY ICAST

4. REINFORCING PER TDOT DRAWING D-CB-39RB

ASTM A615 (GRADE 60).

5. PRODUCTION TO PLACE A 4.5" DEEP X 2" WIDE

RECESS IN THE TOP INSIDE OF THE 0 DEGREE

AND THE 180 DEGREE WALL OF THE TOP SLAB.

Rim: 815.25'

Rim to Invert: 20.6'

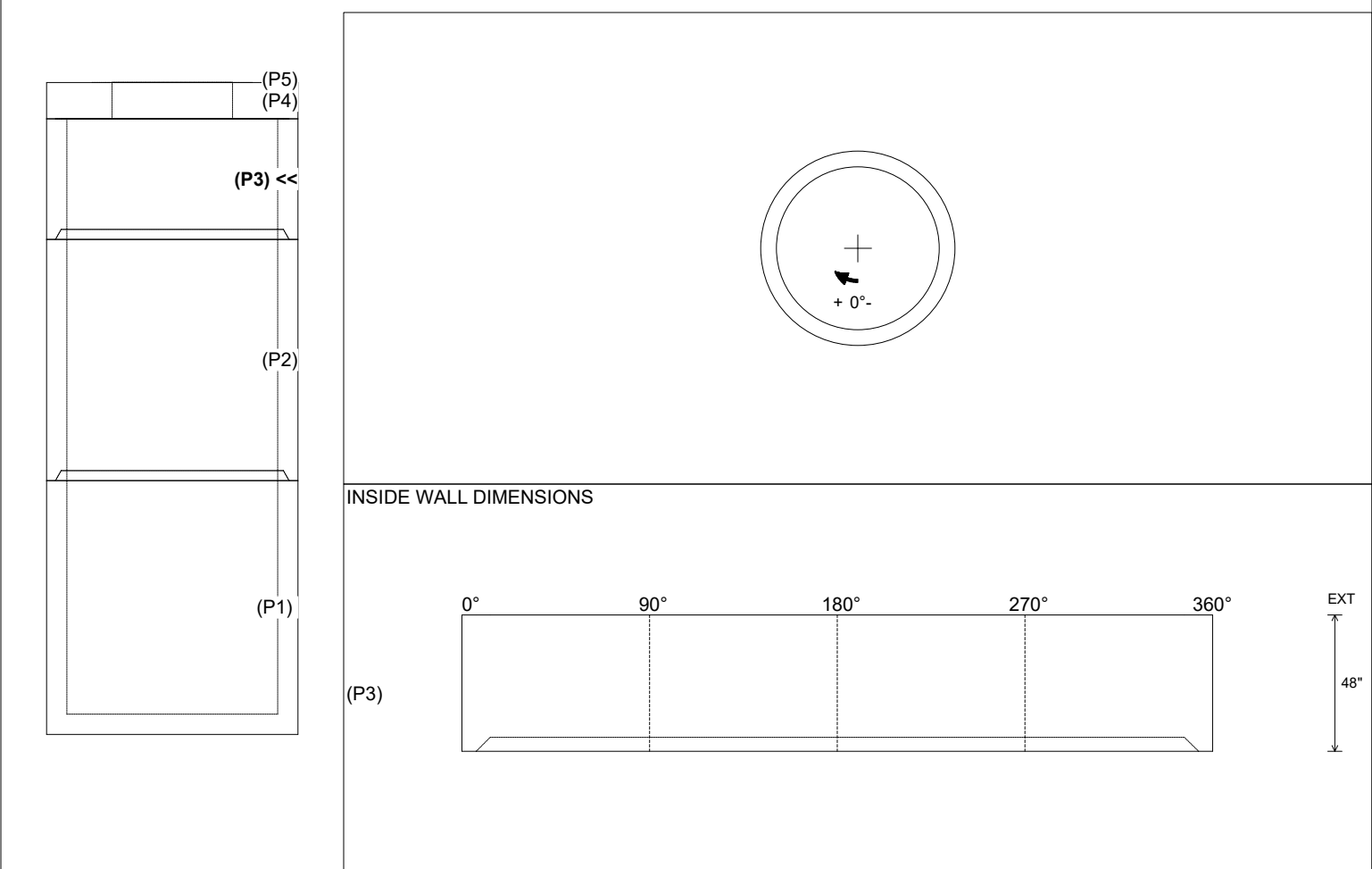
Slack: 0.2"

Sump: 4.5"

Step Position:

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

RIGHT-SIDE UP VIEW (int. dimensions)



Coating (Int):	Seam Up: Flat	Wall Thickness: 8"	Height (Int): 48"	Weight (Net): 9313 lb
Coating (Ext):	Seam Dn: Groove	Floor Height: 0"	Height (Ext): 48"	Volume (Net): 2.38cu.yd

Job Name: 25-2898 - Hunter's Ridge Ph.1
Job Location: Owensboro, KY
Contractor: Ernie Davis & Sons Mechanical, Inc.

Plant: 100
5/29/2026 8:41:17 AM

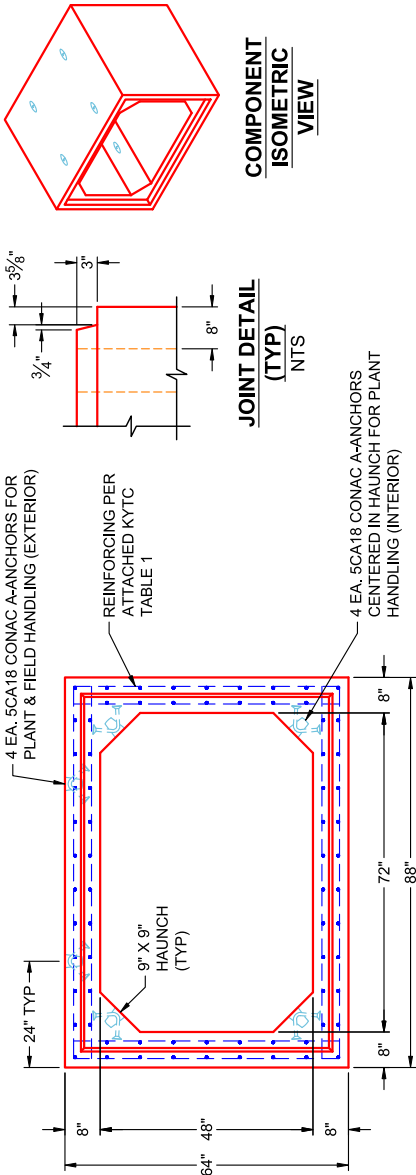
Tech: Jared - A
PC: A. Chambers



Structure ID: BC 6 x 4 (Sec I)

P1 BC048072-08WLF-9H

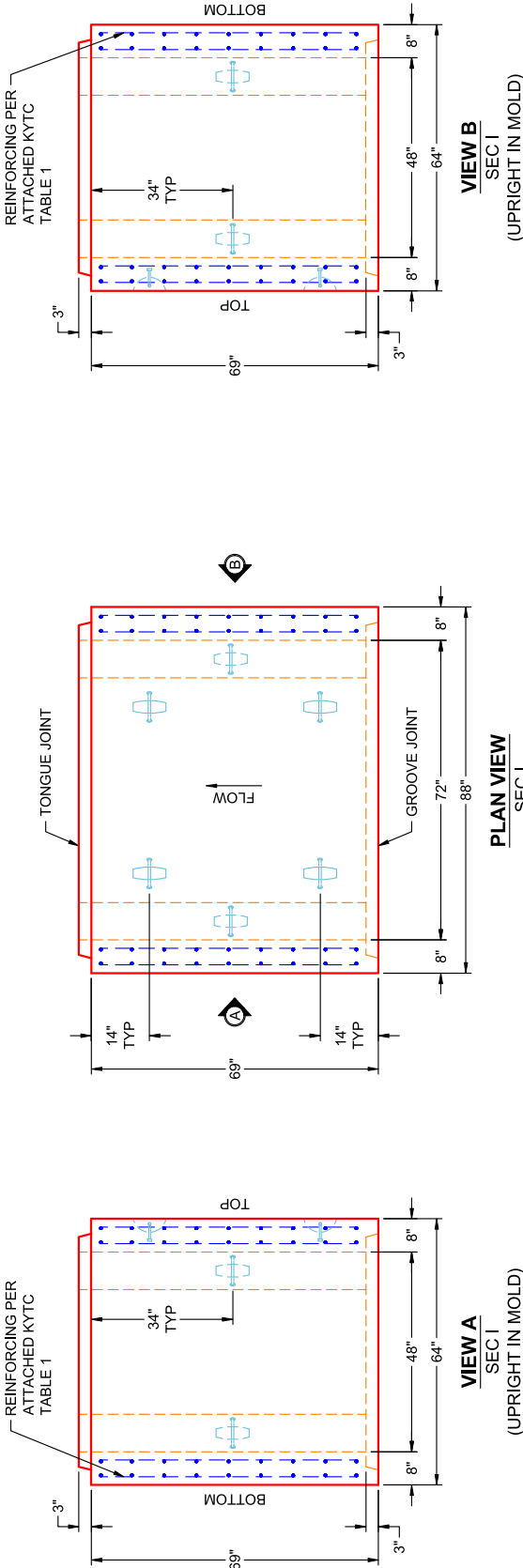
BOX CULVERT (08W/08F/08T) G/T



COMPONENT
ISOMETRIC
VIEW

JOINT DETAIL
(TYP)
NTS

END VIEW
TYPICAL



VIEW B
SEC I
(UPRIGHT IN MOLD)

PLAN VIEW
SEC I
(UPRIGHT IN MOLD)

VIEW A
SEC I
(UPRIGHT IN MOLD)

- GENERAL NOTES:**
- PER SECTION 605 OF KYTC STANDARD SPECS FOR ROAD & BRIDGE CONSTRUCTION
 - LOAD REQUIREMENTS: KY-HL93 (KY TABLE 1)
 - REINFORCEMENT PER ATTACHED KYTC TABLE 1
 - COVER DEPTH: 0' - 4'
 - CONCRETE: 5,000 PSI AT 28 DAYS
 - JOINT SEALANT: 1" BUTYL MASTIC (CS-102) EXTERIOR JOINT WRAP: 12" WIDE (CS-212)
 - WEIGHT: 6' X 4' RCBC = 2,354 LBS / LF (5'-9" LONG SECTION = 13,537 LBS)

PRODUCTION WORK ORDER

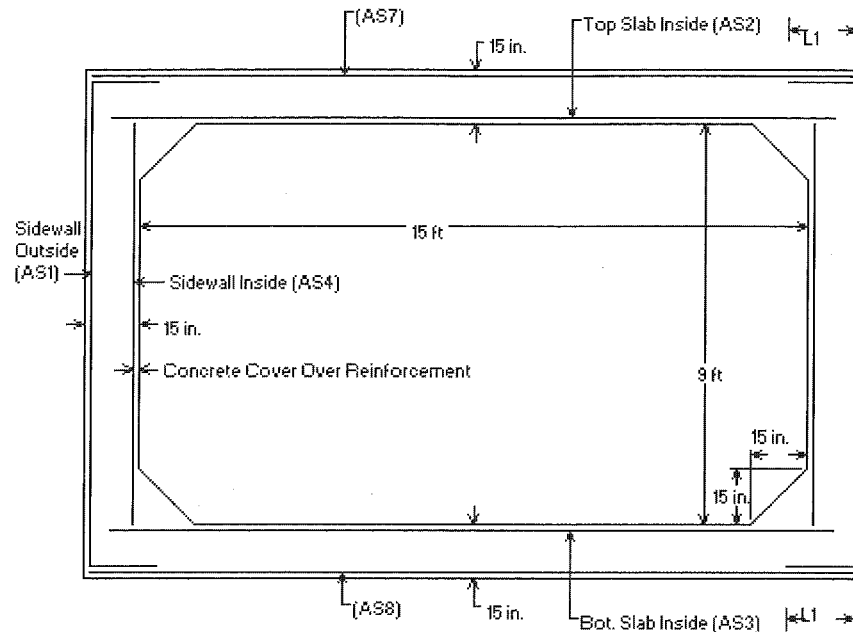


QUALITY CONTROL CHECKLIST

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

PRODUCT I.D.: BC048072-08WLF-9H	DESCRIPTION: 72" X 48" X 69" BOX CULVERT (8" WALLS & 9" HAUNCH)
PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: ERNIE DAVIS & SONS MECHANICAL, INC.
PLANT: BEAVER DAM, KY	PROJECT: HUNTER'S RIDGE PH 1
WEIGHT: 13,537 LBS	STRUCTURE: BC 6 X 4 (SEC I)
TOP SECTION JOINT: TONGUE	ORDER NO: 25-2898
BASE SECTION JOINT: GROOVE	PE: J.H. ROSS
QC CHECK INITIALS:	DRAWING: K. CARDWELL
	DATE: 05/29/26
	SCALE: NTS
	PG. 1 OF 1

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

Notes:

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

KY Table 1

Precast Culvert KYHL-93 Design Table

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
6x4x7	0<2*	0.202	0.421	0.266	0.168	0.192	0.168	0.192	0.192
	2<3	0.251	0.368	0.288	0.168	0.168	0.168		
	3-5	0.19	0.271	0.24	0.168	0.168	0.168		
	10	0.168	0.228	0.234	0.168	0.168	0.168		
	15	0.216	0.306	0.313	0.168	0.168	0.168		
	20	0.275	0.391	0.398	0.168	0.168	0.168		
	25	0.338	0.479	0.487	0.168	0.168	0.168		
	30	0.404	0.571	0.579	0.168	0.168	0.168		
	35	0.473	0.667	0.675	0.168	0.168	0.168		

*top slab 8"

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
6x5x7	0<2*	0.192	0.449	0.291	0.168	0.192	0.168	0.192	0.192
	2<3	0.22	0.398	0.316	0.168	0.168	0.168		
	3-5	0.168	0.294	0.262	0.168	0.168	0.168		
	10	0.168	0.243	0.252	0.168	0.168	0.168		
	15	0.188	0.326	0.336	0.168	0.168	0.168		
	20	0.238	0.417	0.427	0.168	0.168	0.168		
	25	0.291	0.512	0.522	0.168	0.168	0.168		
	30	0.347	0.611	0.622	0.168	0.168	0.168		
	35	0.406	0.714	0.725	0.168	0.168	0.168		

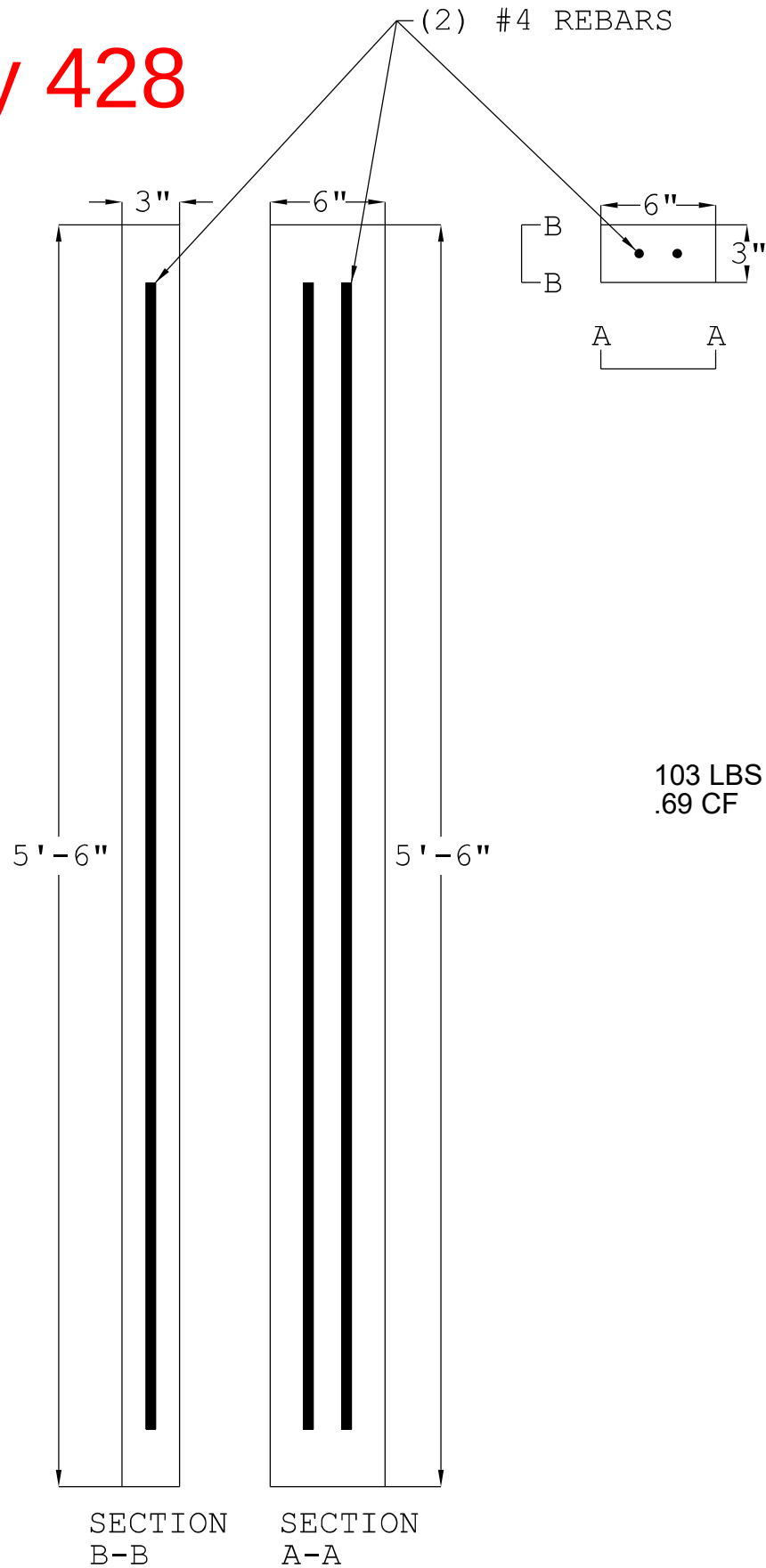
*top slab 8"

Design Earth Cover, ft		As1	As2	As3	As4	As7	As8	As5	As6
6x6x7	0<2*	0.192	0.47	0.311	0.168	0.192	0.168	0.192	0.192
	2<3	0.195	0.421	0.337	0.168	0.168	0.168		
	3-5	0.168	0.311	0.277	0.168	0.168	0.168		
	10	0.168	0.252	0.263	0.168	0.168	0.168		
	15	0.168	0.338	0.349	0.168	0.168	0.168		
	20	0.212	0.432	0.444	0.168	0.168	0.168		
	25	0.259	0.531	0.543	0.168	0.168	0.168		
	30	0.308	0.634	0.647	0.168	0.168	0.168		
	35	0.359	0.741	0.755	0.168	0.168	0.168		

*top slab 8"

ALCOA CONCRETE LOGS

Quantity 428



Job Name: 26-2257 - 233 SE Third St.

Job Location: Evansville, IN

Contractor: Empire Contractors, Inc.

Plant: 100

6/1/2026 8:27:54 AM

Tech: Jared - A

PC: E. Bradley



Structure ID: AD 502 ST-AD

P1 BX4848-08BAVF

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

P3) 30" x 30" - CASTING HEIGHT - 4"

P2) 48" x 48" - CB FLAT TOP 8"W w/30"x30" HOLE F/F - 6"

P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 41"

1) CASTING - HOE 468 F/G

1) 48" x 48" - Conseal CS-102 1.00"

1) 30" x 30" - Conseal CS-102 1.00"

1) Hole - 12

2) Hole - 38

0 lb

1609 lb

7316 lb

489 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 9414 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

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

4. NO STORM INVERT

5. NO STEPS

6. HOE 468 FRAME & GRATE SUPPLIED BY ICAST

7. 8" FLAT GATE SUPPLIED BY OTHERS

Rim: 383.25'

Rim to Invert: 4'

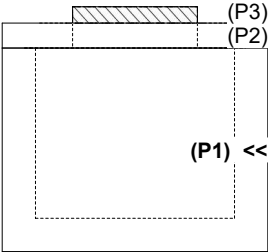
Slack: 0.04"

Sump: 3.04"

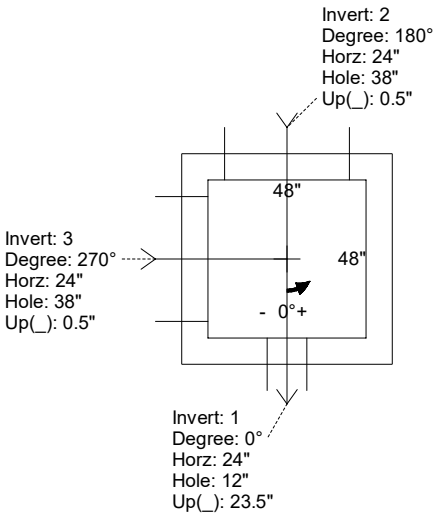
Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	381'	0°	32"	8" HDPE	9.1"	Hole 12	12"	12"	23.5"	0"
Invert 2	379.25'	180°	32"	30" HDPE	35.1"	Hole 38	38"	38"	0.5"	0"
Invert 3	379.25'	270°	32"	30" HDPE	35.1"	Hole 38	38"	38"	0.5"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

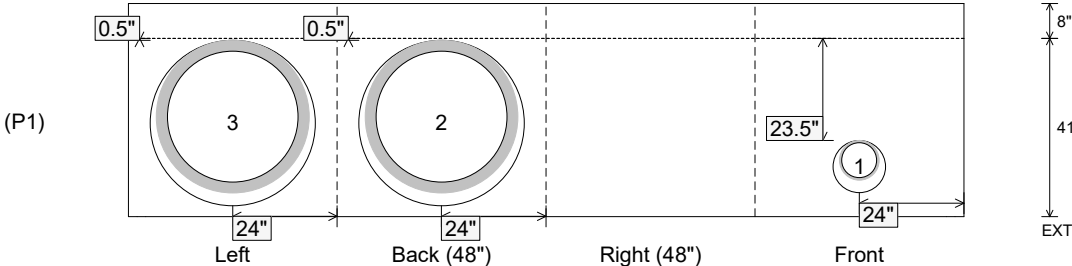
RIGHT-SIDE UP VIEW (int. dimensions)



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): 41"

Height (Ext): 49"

Weight (Net): 7316 lb

Volume (Net): 1.87cu.yd

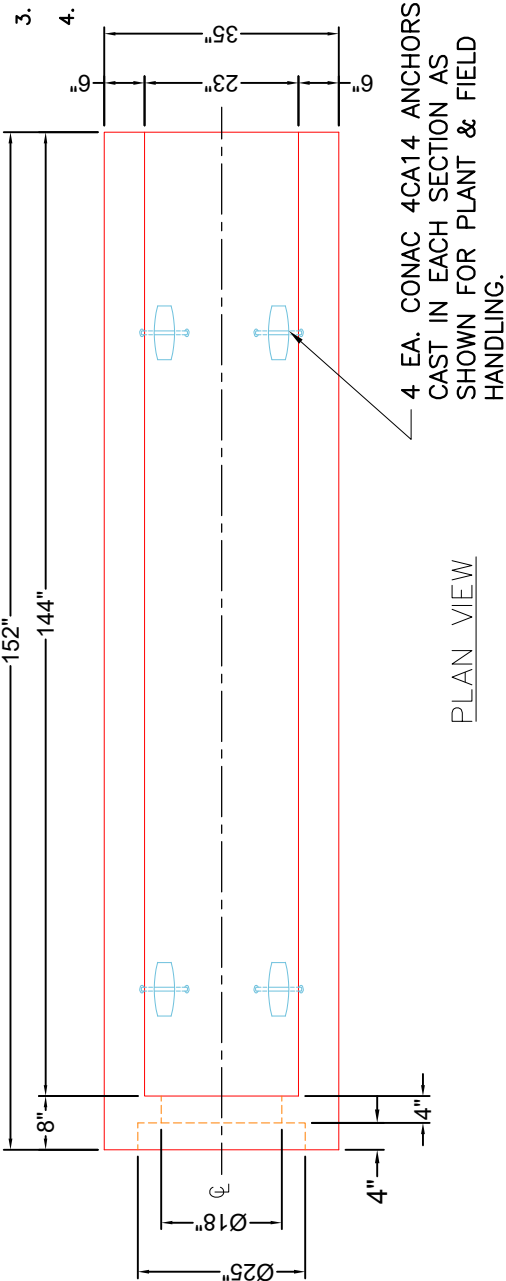


Structure ID: EW-14 485+00.00

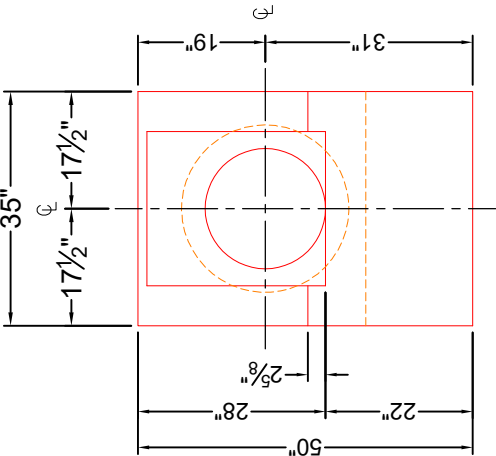
P1 HWTDOT6-1TU18 18" - HW TDOT 6:1 Type U Cross Drain Endwall

GENERAL NOTES:

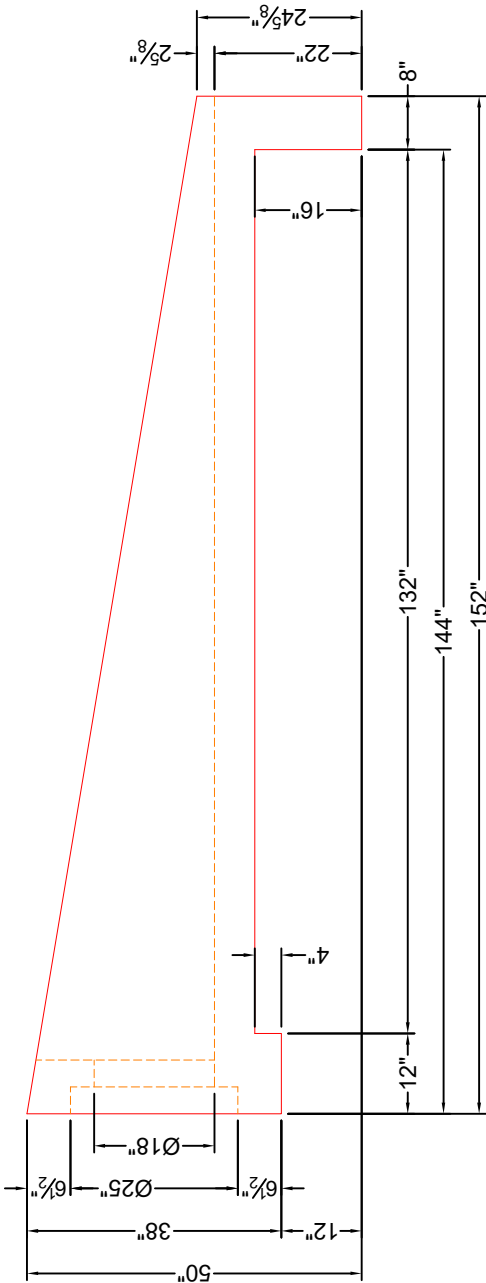
- 1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
- 2. CONCRETE: 5,000 PSI AT 28 DAYS.
- 3. WEIGHT: 5,990 LBS
- 4. REINFORCING: SEE SHEETS 2 AND 3 FOR REINFORCEMENT INFORMATION. (GRADE 60) REFERENCE TDOT DWG D-PE-18B



PLAN VIEW



FRONT ELEVATION



SIDE ELEVATION



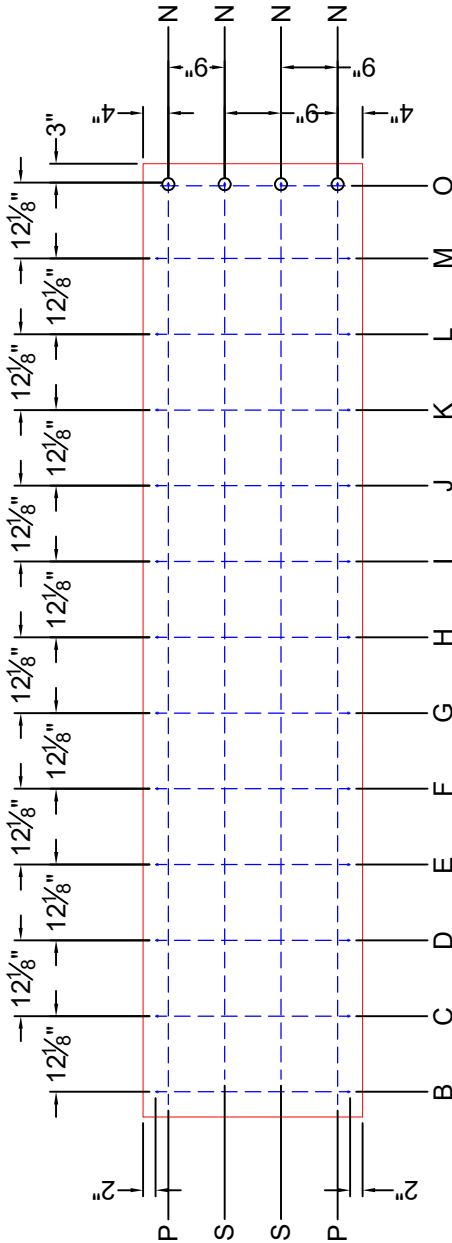
Structure ID: EW-14 485+00.00

P1 HWTDOT6-1TU18

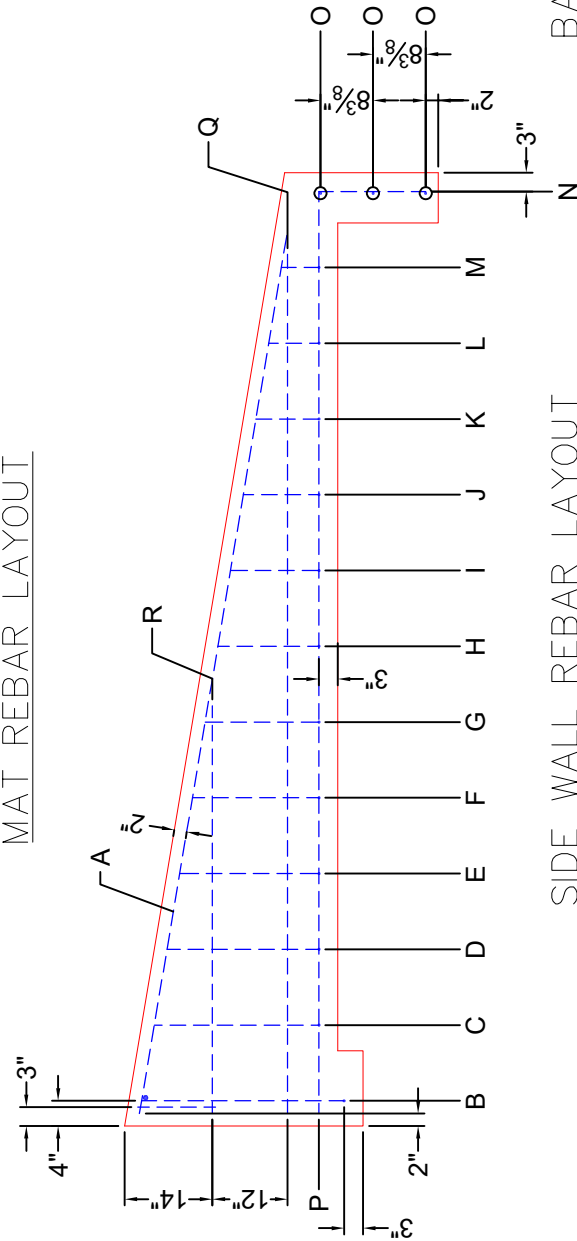
18" - HW TDOT 6:1 Type U Cross Drain Endwall

GENERAL NOTES:

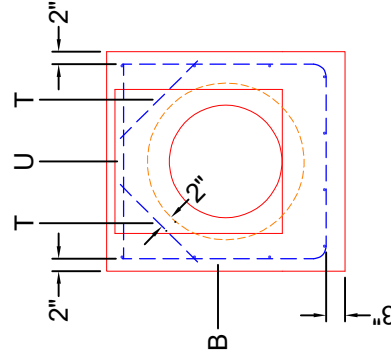
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. WEIGHT: 5,990 LBS
4. REINFORCING: SEE SHEETS 2 AND 3 FOR REINFORCEMENT INFORMATION. (GRADE 60) REFERENCE TDOT DWG D-PE-18B



MAT REBAR LAYOUT



SIDE WALL REBAR LAYOUT



BACK WALL REBAR LAYOUT

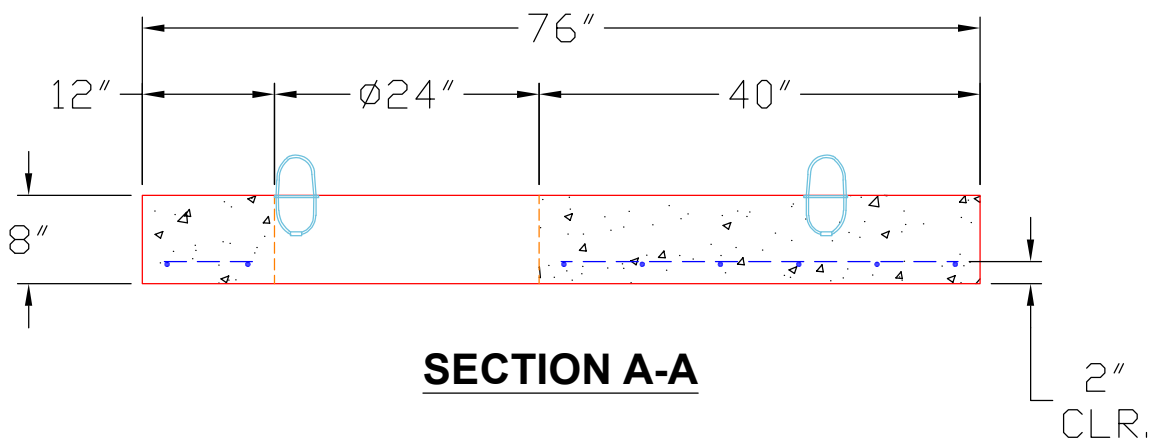
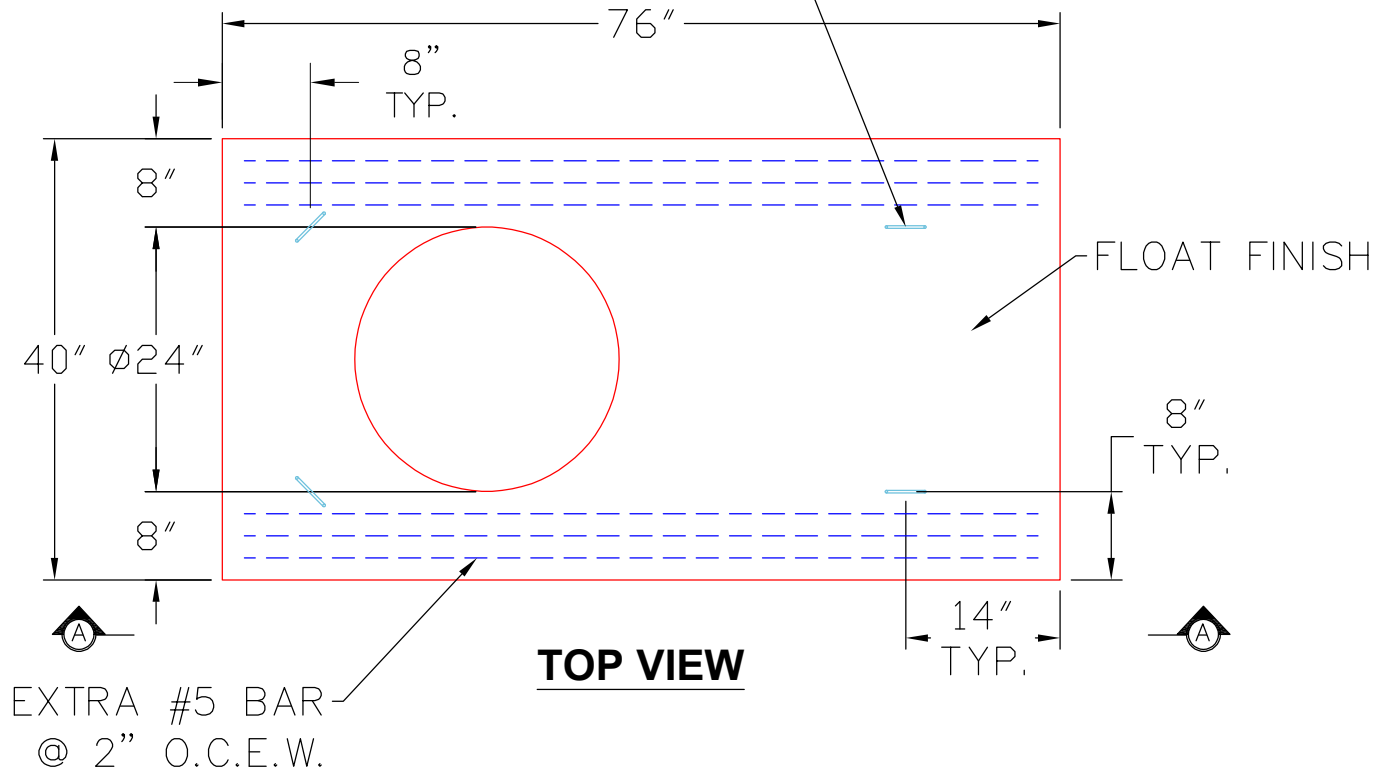


18" - HW TDOT 6:1 Type U Cross Drain Endwall

PART: U
#7 REBAR GRADE 60
(1) REQUIRED

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.

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

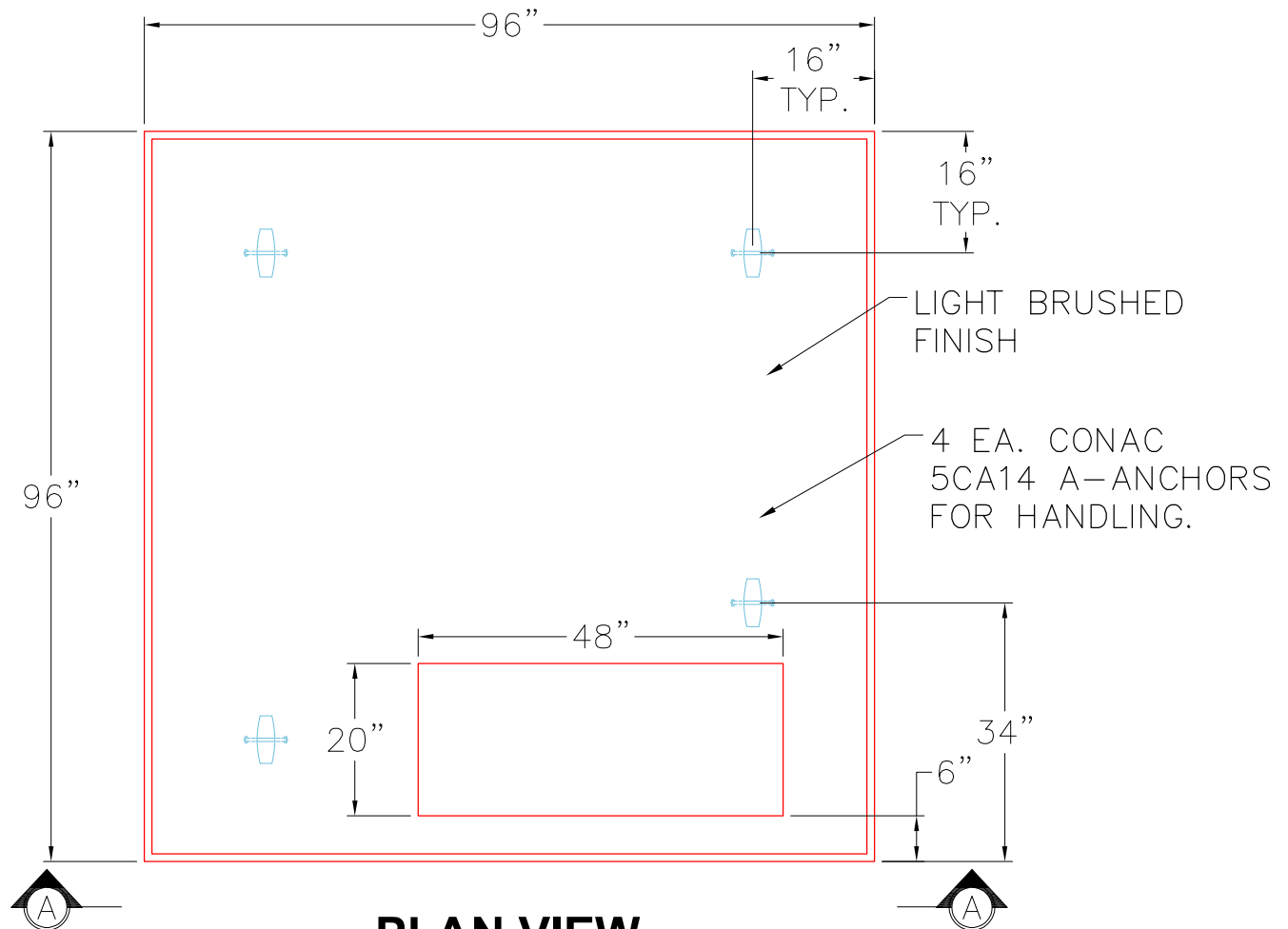


NOTES:

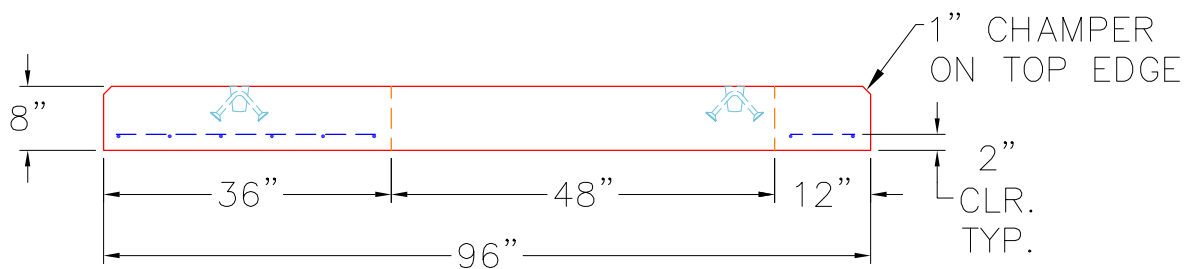
1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. REINFORCING: #5 BAR @ 6" O.C. E.W. (GRADE 60).

PRODUCTION WORK ORDER		PRODUCT I.D.: BX028064-06LD08-24	DESCRIPTION: 28" X 64" X 8" TOP SLAB W/ $\phi 24"$ OPENING	
	QUALITY CONTROL CHECKLIST ☐ ALL DIMENSIONS CORRECT. ☐ LIFTERS INSTALLED. ☐ HOLE LOCATION CORRECT. ☐ REINFORCING CORRECT. ☐ FINISH ON SLAB SURFACE UNIFORM. ☐ OUTSIDE TOP EDGE TROWELLED. ☐ FLAT BOTTOM.	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: ELITE CONSTRUCTORS	
		PLANT: BEAVER DAM, KY.	PROJECT: TOP SLAB GRACE PARK	
		WEIGHT: 1,797 LBS.	STRUCTURE: QL1	
		TOP SECTION JOINT: N/A	QUOTE/SALES ORDER NO: 26-2405	
		BASE SECTION JOINT: N/A	PC: A. CHAMBERS	DRAWING: S. FELLETTER
		QC CHECK INITIALS:	DATE: 06/01/26	SCALE: NTS PG. 1 of 1

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.



PLAN VIEW



SECTION A-A

NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,000 PSI AT 28 DAYS.
3. REINFORCING: #4 BAR @ 8" C.C. E.W. BOTH WAYS (GRADE 60).

PRODUCTION WORK ORDER		PRODUCT I.D.: CTS	DESCRIPTION: 96" X 96" X 8" SLAB		
	QUALITY CONTROL CHECKLIST	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: STEWART RICHEY		
	☐ ALL DIMENSIONS CORRECT.	PLANT: BEAVER DAM, KY.	PROJECT: GOTTBRAITH TRANSFORMER PAD		
	☐ LIFTERS INSTALLED.	WEIGHT: 5,540 LBS.	STRUCTURE: QL1		
	☐ HOLE LOCATION CORRECT.	TOP SECTION JOINT: N/A	QUOTE/SALES ORDER NO: 26-2541		
	☐ REINFORCING CORRECT.	BASE SECTION JOINT: N/A	PC: T. LEWIS		DRAWING: S. FELLETTTER
	☐ FINISH ON SLAB SURFACE UNIFORM.	QC CHECK INITIALS:	DATE: 06/11/26		SCALE: NTS
	☐ OUTSIDE TOP EDGE TROWELLED.				PG. 1 of 1
☐ FLAT BOTTOM.					

Job Name: 26-2574 - Moore Grease Traps
Job Location: Clarksville, TN 37043
Contractor: Core & Main LP (Nashville)

Plant: Beaver Dam, KY
6/2/2026 4:40:56 PM

Tech: K. Cardwell
PC: T. Lewis



Structure ID: QL2 GT1000 (3)

P2 BX60120-06LD08

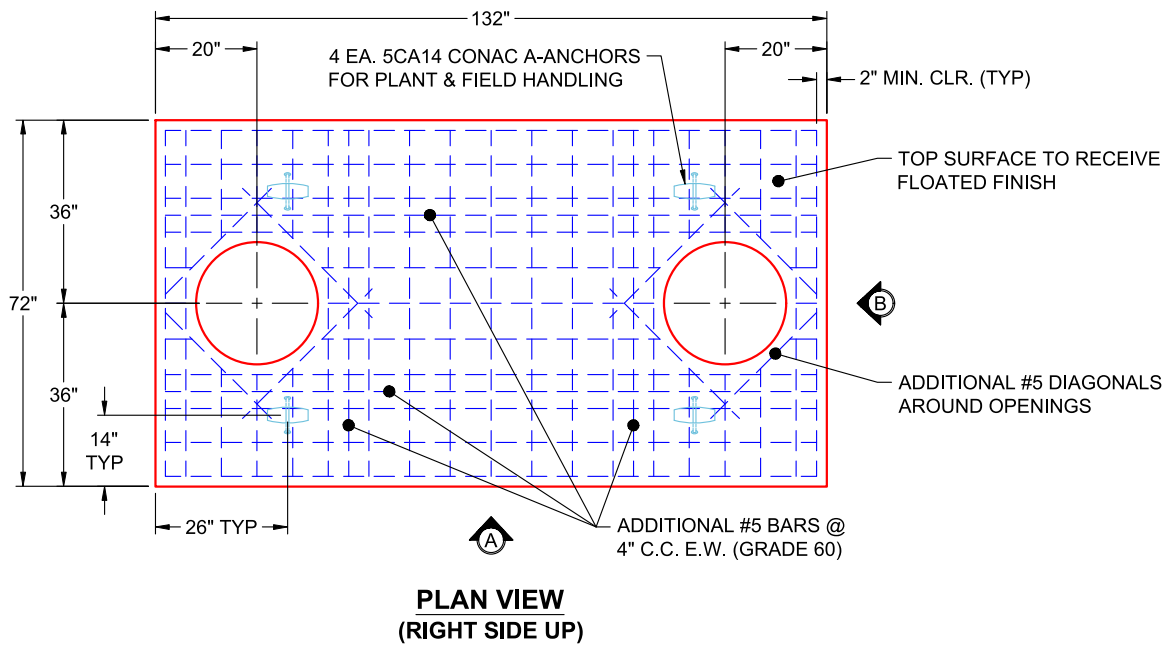
CB FLAT TOP 6"W w/(2) 24" HOLES (Grease Trap) F/F

P3) 24" - CASTING HEIGHT - 7"
P2) 60" x 120" - CB FLAT TOP 6"W w/(2) 24" HOLES (Grease Trap) F/F - 8"
P1) 60" x 120" - BOX BASE 6inW, 6inF F/n - 54"
1) SECONDARY POUR - Baffle Wall
1) 60" x 120" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
2) PSX - 8QRS-S NYLO

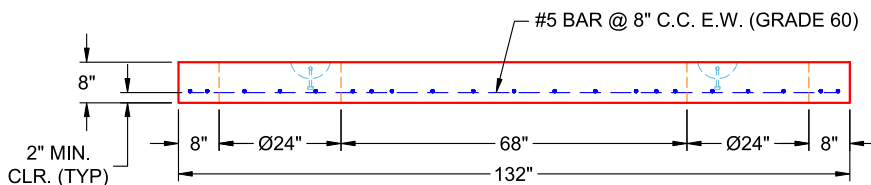
0 lb
5775 lb
16155 lb
975 lb
0 lb
0 lb
13 lb
Structure Total: 22918 lb

Structure Notes:

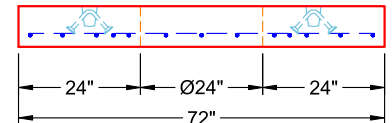
1. PER ASTM C-890-13 & ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. 2 EA. 7" CASTINGS SUPPLIED BY OTHERS
5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN
6. TOP SURFACE TO RECEIVE FLOATED FINISH



**PLAN VIEW
(RIGHT SIDE UP)**



**VIEW A
(RIGHT SIDE UP)**



**VIEW B
(RIGHT SIDE UP)**

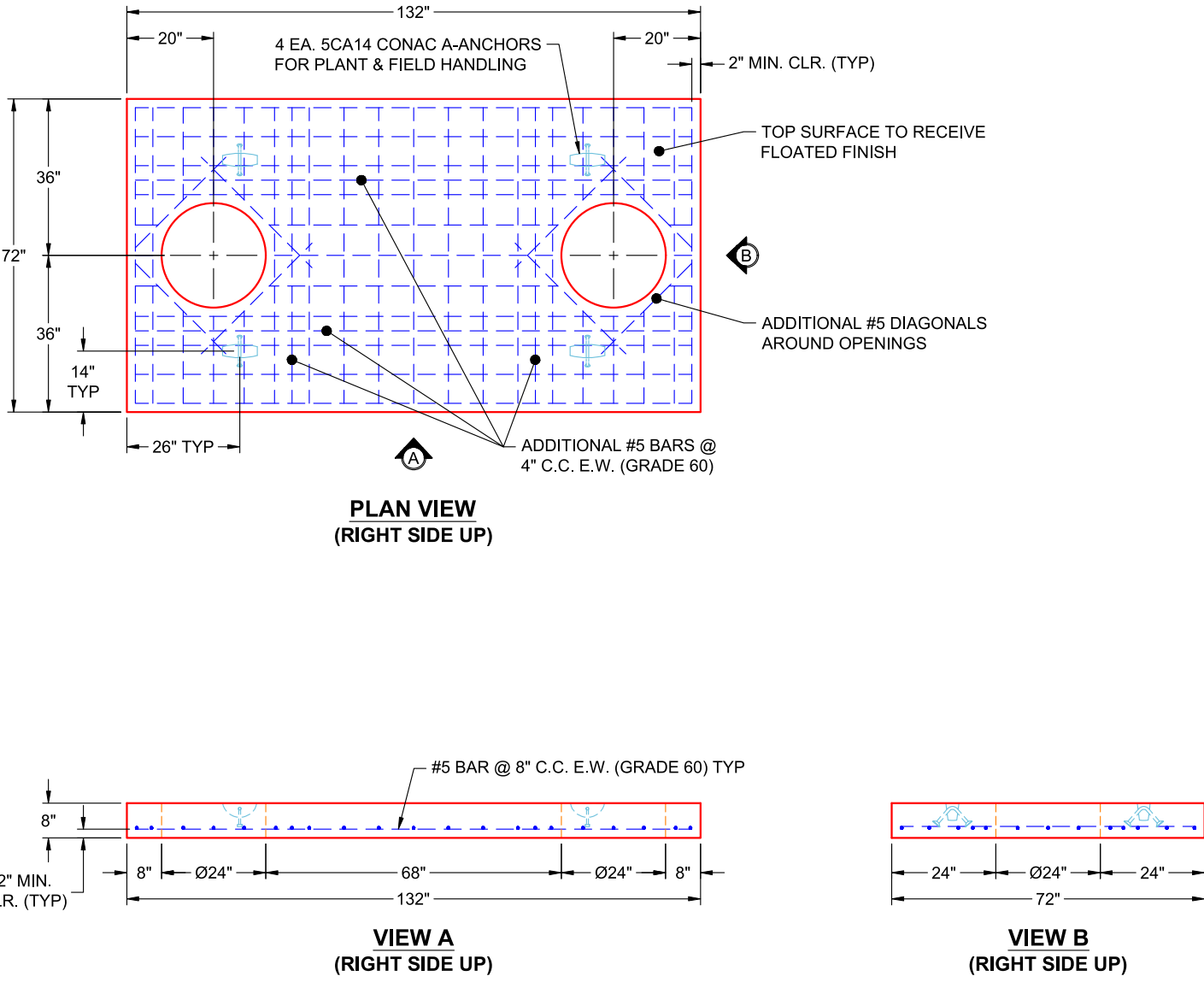
Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Flat

Wall Thickness: 6"

Height (Ext): 8"

Weight (Net): 5775 lb
Volume (Net): 1.48cu.yd

Job Name: 26-2480 - Jimmy Risinger Construction		Plant: Beaver Dam, KY	Tech: K. Cardwell	
Job Location: Louisville, KY 40219		6/8/2026 11:35:11 AM	PC: J. Jarvis	
Contractor: Bill Risinger Construction				
Structure ID: 1000 Gal OWS				
P2 BX60120-06LD08		CB FLAT TOP 6"W w/(2) 24" HOLES (OWS) F/F		
P3) 24" - CASTING HEIGHT - 4" P2) 60" x 120" - CB FLAT TOP 6"W w/(2) 24" HOLES (OWS) F/F - 8" P1) 60" x 120" - BOX BASE 6inW, 6inF F/n - 54" 1) SECONDARY POUR - Baffle Wall 2) CASTING - HOE MC-285 F/C Plain 1) 60" x 120" - Con Seal CS-440 1.00" 1) 24" - Con Seal CS-440 1.00" 2) Kor-N-Seal1 - S406-10.5W		0 lb 5775 lb 16120 lb 975 lb 568 lb 0 lb 0 lb 0 lb 13 lb ----- Structure Total: 23451 lb	Structure Notes: 1. PER ASTM C-890-13 & ASTM C-913 SPECIFICATIONS 2. CONCRETE: 4,500 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. 2 EA. HOE MC-285 FRAMES & COVERS SUPPLIED BY ICAST 5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN 6. TOP SURFACE TO RECEIVE FLOATED FINISH	
				
Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Flat	Wall Thickness: 6"	Height (Ext): 8"	Weight (Net): 5775 lb Volume (Net): 1.48cu.yd

Job Name: 26-2480 - Jimmy Risinger Construction

Job Location: Louisville, KY 40219

Contractor: Bill Risinger Construction

Plant: Beaver Dam, KY

6/8/2026 11:34:50 AM

Tech: K. Cardwell

PC: J. Jarvis



Structure ID: Sump Pit

P1 BX3072-06BAVF

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

P1) 30" x 72" - BOX BASE 6inW, 6inF, Variable Ht F/n - 36"

1) SECONDARY POUR

1) 30" x 72" - Conseal CS-102 1.00"

1) No Openings

5909 lb

0 lb

0 lb

0 lb

Structure Total: 5909 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

2. CONCRETE: 4,500 PSI AT 28 DAYS

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

4. NO STEPS

5. NO PIPE OPENINGS

6. NO CASTING

7. WET STICK 12" X 18" #5 L-BARS @ 12" C.C. (GRADE 60) OUT OF FLOOR FOR WALL POUR TIE-IN (SEE L-BAR DETAIL)

FIRST POUR (FLOOR): 1,776 LBS

SECOND POUR (WALLS): 4,133 LBS

Rim: 3'

Rim to Invert: 3'

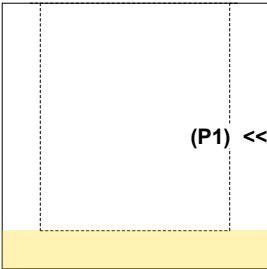
Slack: 0"

Sump: 0"

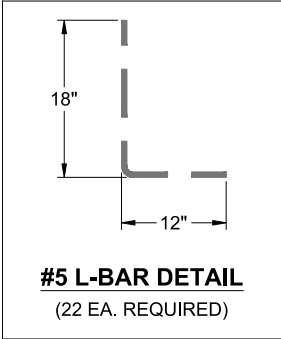
Step Position:

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

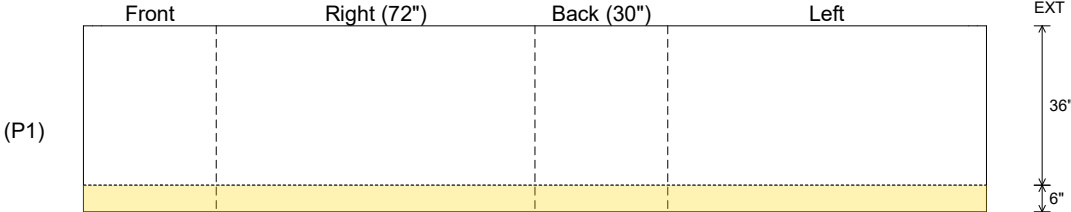
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

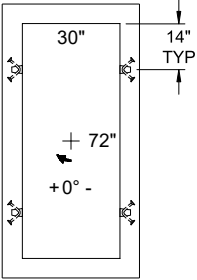
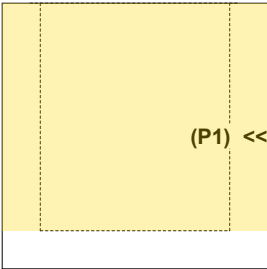
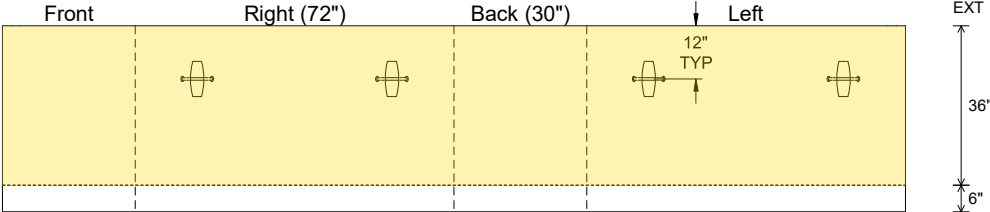
Floor Height: 6"

Height (Int): 36"

Height (Ext): 42"

Weight (Net): 5909 lb

Volume (Net): 1.51cu.yd

Job Name: 26-2480 - Jimmy Risinger Construction Job Location: Louisville, KY 40219 Contractor: Bill Risinger Construction				Plant: Beaver Dam, KY 6/8/2026 11:34:50 AM		Tech: K. Cardwell PC: J. Jarvis					
Structure ID: Sump Pit											
P1 BX3072-06BAVF				BOX BASE 6inW, 6inF, Variable Ht F/n							
P1) 30" x 72" - BOX BASE 6inW, 6inF, Variable Ht F/n - 36" 1) SECONDARY POUR 1) 30" x 72" - Conseal CS-102 1.00" 1) No Openings				5909 lb 0 lb 0 lb 0 lb ----- Structure Total: 5909 lb		<u>Structure Notes:</u> 1. PER ASTM C-913 SPECIFICATIONS 2. CONCRETE: 4,500 PSI AT 28 DAYS 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP) 4. NO STEPS 5. NO PIPE OPENINGS 6. NO CASTING 7. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN					
FIRST POUR (FLOOR): 1,776 LBS SECOND POUR (WALLS): 4,133 LBS											
Rim: 3'		Rim to Invert: 3'		Slack: 0"		Sump: 0"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector		Hole	Horz Size	Up (L)	Offset
Invert 1				No Openings							
Invert 2											
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											
RIGHT-SIDE UP VIEW (int. dimensions) UPSIDE-DOWN VIEW (int. dimenions)											
											
											
INSIDE WALL DIMENSIONS											
											
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: n/a		Wall Thickness: 6" Floor Height: 6"		Height (Int): 36" Height (Ext): 42"		Weight (Net): 5909 lb Volume (Net): 1.51cu.yd	

Job Name: 26-2480 - Jimmy Risinger Construction
Job Location: Louisville, KY 40219
Contractor: Bill Risinger Construction

Plant: Beaver Dam, KY

Tech: K. Cardwell

6/8/2026 11:34:49 AM

PC: J. Jarvis



Structure ID: 1000 Gal OWS

P1 BX60120-06W06F-BA54

BOX BASE 6inW, 6inF F/n

- P3) 24" - CASTING HEIGHT - 4"
P2) 60" x 120" - CB FLAT TOP 6"W w/(2) 24" HOLES (OWS) F/F - 8"
P1) 60" x 120" - BOX BASE 6inW, 6inF F/n - 54"
1) SECONDARY POUR - Baffle Wall
2) CASTING - HOE MC-285 F/C Plain
1) 60" x 120" - Conseal CS-440 1.00"
1) 24" - Conseal CS-440 1.00"
2) Kor-N-Seal1 - S406-10.5W

0 lb
5775 lb
16120 lb
975 lb
568 lb
0 lb
0 lb
13 lb

23451 lb

Structure Total: 23451 lb

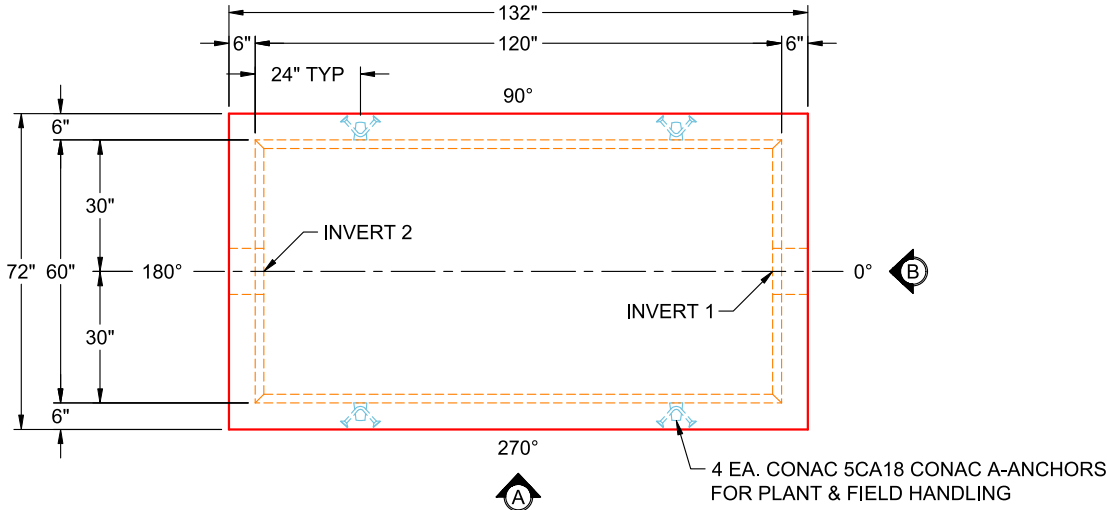
Structure Notes:

1. PER ASTM C-890-13 & ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. NO FLOW CHANNEL
5. 2 EA. HOE MC-285 FRAMES & COVERS SUPPLIED BY ICAST
6. LIFTERS: 4 EA. 5CA18 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN

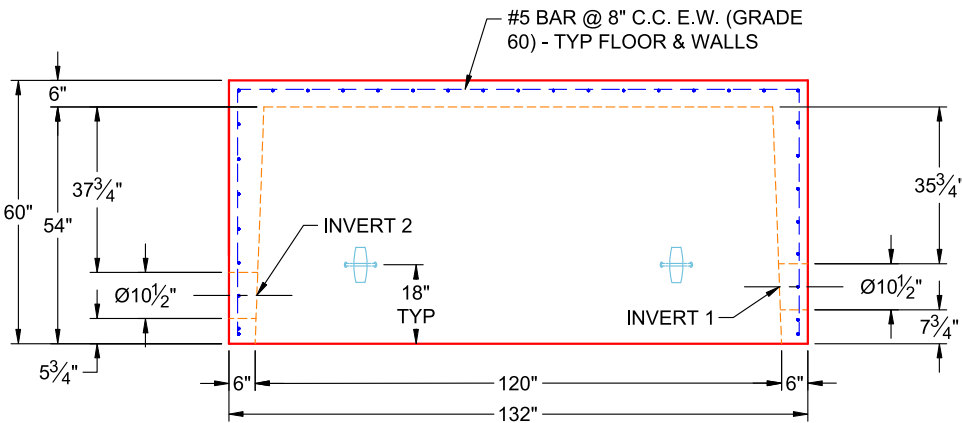
FIRST POUR (BASE): 16,120 LBS
SECOND POUR (BAFFLE WALL): 975 LBS

Rim: 5.5' Rim to Invert: 2.417' Slack: 0" Sump: 37" Step Position:

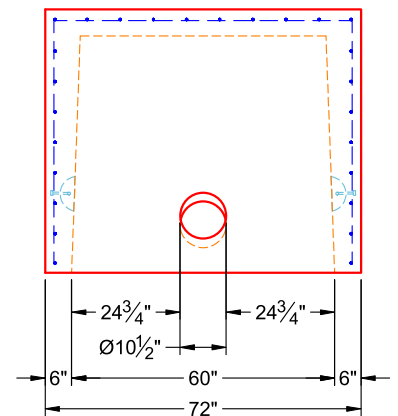
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	3.083'	0°	36"	8" PVC SDR35	8.5"	Kor-N-Seal1 S406-10.5W	10.5"	10.5"	35.75"	0"
Invert 2	3.25'	180°	36"	8" PVC SDR35	8.5"	Kor-N-Seal1 S406-10.5W	10.5"	10.5"	37.75"	0"
Invert 3										



**PLAN VIEW
(UPSIDE DOWN)**



**VIEW A
(UPSIDE DOWN)**



**VIEW B
(UPSIDE DOWN)**

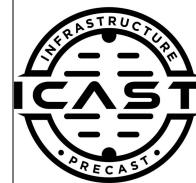
Job Name: 26-2480 - Jimmy Risinger Construction
Job Location: Louisville, KY 40219
Contractor: Bill Risinger Construction

Plant: Beaver Dam, KY

Tech: K. Cardwell

6/8/2026 11:34:49 AM

PC: J. Jarvis



Structure ID: 1000 Gal OWS

P1 BX60120-06W06F-BA54

BOX BASE 6inW, 6inF F/n

P3) 24" - CASTING HEIGHT - 4"
P2) 60" x 120" - CB FLAT TOP 6"W w/(2) 24" HOLES (OWS) F/F - 8"
P1) 60" x 120" - BOX BASE 6inW, 6inF F/n - 54"
1) SECONDARY POUR - Baffle Wall
2) CASTING - HOE MC-285 F/C Plain
1) 60" x 120" - Con Seal CS-440 1.00"
1) 24" - Con Seal CS-440 1.00"
2) Kor-N-Seal1 - S406-10.5W

0 lb
5775 lb
16120 lb
975 lb
568 lb
0 lb
0 lb
13 lb

Structure Total: 23451 lb

Structure Notes:

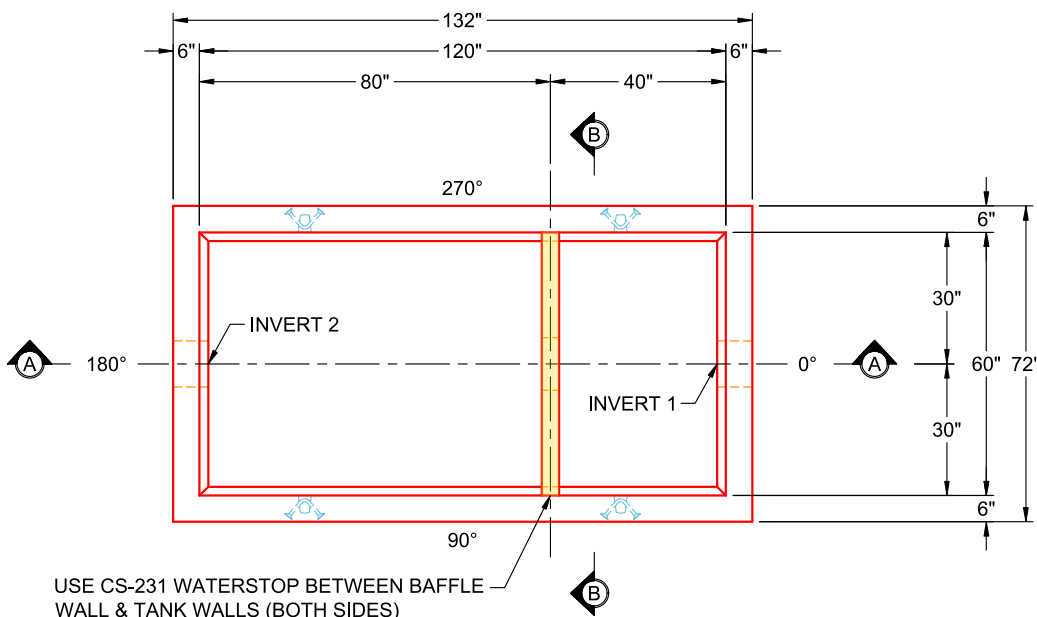
1. PER ASTM C-890-13 & ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
4. DRILL & DOWEL #4 BAR @ 12" C.C. E.W. (GRADE 60) INTO BASE FLOOR FOR BAFFLE WALL TIE-IN - MIN. 4" PENETRATION INTO BASE FLOOR
5. PRIOR TO BAFFLE WALL POUR, ADD STRIP OF CS-231 BETWEEN BAFFLE WALL & TANK WALLS (BOTH SIDES)

FIRST POUR (BASE): 16,120 LBS

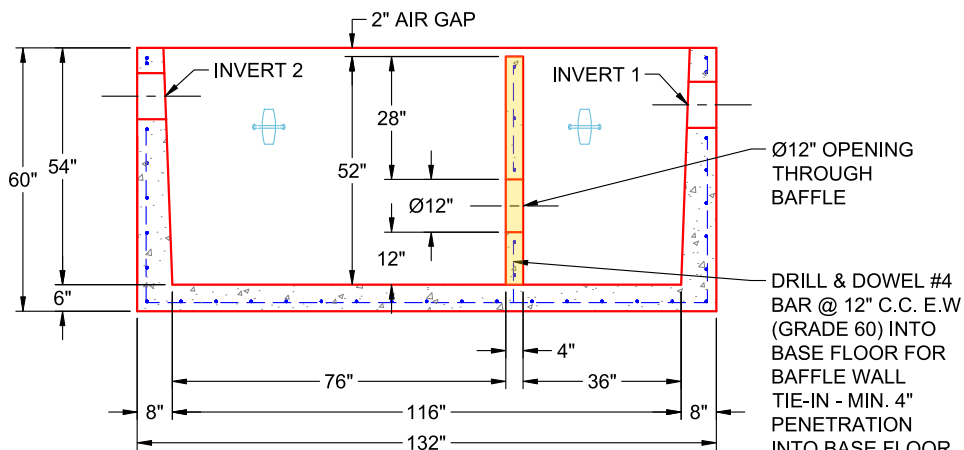
SECOND POUR (BAFFLE WALL): 975 LBS

Rim: 5.5' Rim to Invert: 2.417' Slack: 0" Sump: 37" Step Position:

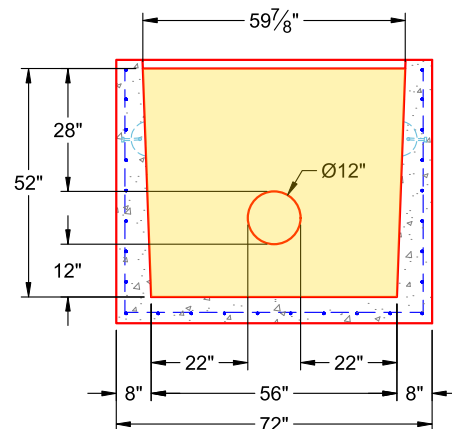
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	3.083'	0°	36"	8" PVC SDR35	8.5"	Kor-N-Seal1 S406-10.5W	10.5"	10.5"	35.75"	0"
Invert 2	3.25'	180°	36"	8" PVC SDR35	8.5"	Kor-N-Seal1 S406-10.5W	10.5"	10.5"	37.75"	0"
Invert 3										



**PLAN VIEW
(RIGHT SIDE UP)**



**SECTION A-A
(RIGHT SIDE UP)**

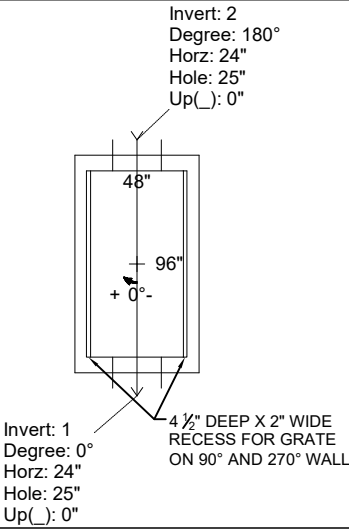


**SECTION B-B
(RIGHT SIDE UP)**

1) 48" x 96" - CASTING HEIGHT - 0" 1) 48" x 96" - BOX BASE 8inW, 8inF, Variable Ht - 40" 1) SECONDARY POUR - WALLS 1) CASTING - JBS TYPE 40 TDOT GRATES (48" X 96") 1) 48" x 96" - SGL 1"x14.5' Butyl (2x) 1) Hole - 25					0 lb 12745 lb 0 lb 459 lb 0 lb 0 lb ----- Structure Total: 13204 lb					Structure Notes: 1. PER ASTM C913 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. JBS TDOT TYPE 40 BY ICAST 4. REINFORCING PER TDOT DRAWING D-CB-40S ASTM A615 (GRADE 60). 5. PRODUCTION TO PLACE A 4.5" DEEP X 2" WIDE RECESS IN THE TOP INSIDE OF THE 90 DEGREE AND THE 270 DEGREE WALL OF THE BASE.
Rim: 762.54' Rim to Invert: 3.16' Slack: 0.42" Sump: 2.5" Step Position:					FIRST POUR DRAWING					

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	759.38'	0°	32"	18" RCP B WALL	23"	Hole 25	25"	25"	0"	0"
Invert 2	759.38'	180°	32"	18" RCP B WALL	23"	Hole 25	25"	25"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)

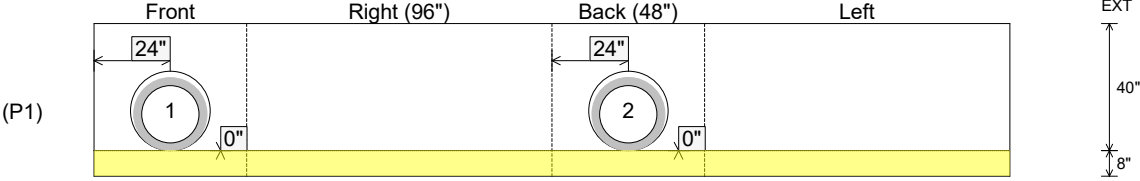
WEIGHT

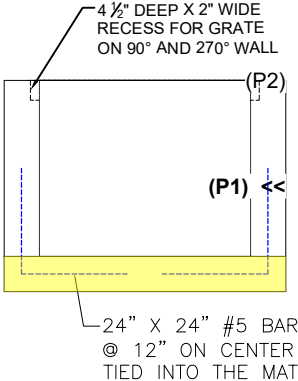
FIRST POUR: 4,812 LBS

SECOND POUR: 7,933 LBS

TOTAL: 12,745 LBS

INSIDE WALL DIMENSIONS



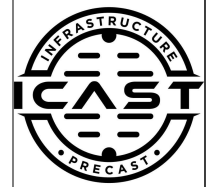


Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 40" Height (Ext): 48"	Weight (Net): 12745 lb Volume (Net): 3.26cu.yd
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Job Name: 25-3062 Portland Bypass
Job Location: Portland, TN
Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam
6/1/2026 8:23:25 AM

Tech: J. Coppage
PC: C. Goff



Structure ID: MD-15

P1 BX4896-08BAVF

BOX BASE 8inW, 8inF, Variable Ht

- P2) 48" x 96" - CASTING HEIGHT - 0"
P1) 48" x 96" - BOX BASE 8inW, 8inF, Variable Ht - 40"
1) SECONDARY POUR - WALLS
1) CASTING - JBS TYPE 40 TDOT GRATES (48" X 96")
1) 48" x 96" - SGL 1"x14.5' Butyl (2x)
2) Hole - 25

Structure Total:

- 0 lb
12745 lb
0 lb
459 lb
0 lb
0 lb

13204 lb
- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. JBS TDOT TYPE 40 BY ICAST
4. REINFORCING PER TDOT DRAWING D-CB-40S
ASTM A615 (GRADE 60).
5. PRODUCTION TO PLACE A 4.5" DEEP X 2" WIDE
RECESS IN THE TOP INSIDE OF THE 90 DEGREE
AND THE 270 DEGREE WALL OF THE BASE.

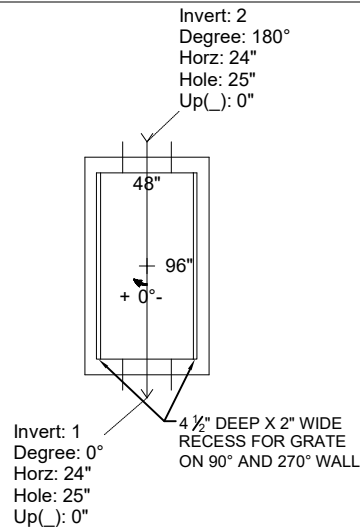
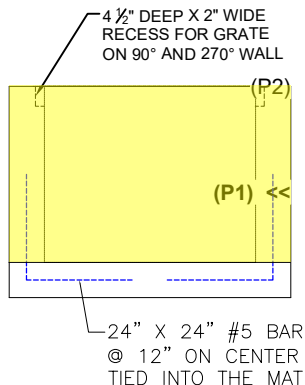
SECOND POUR DRAWING

Rim: 762.54' Rim to Invert: 3.16' Slack: 0.42" Sump: 2.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	759.38'	0°	32"	18" RCP B WALL	23"	Hole 25	25"	25"	0"	0"
Invert 2	759.38'	180°	32"	18" RCP B WALL	23"	Hole 25	25"	25"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

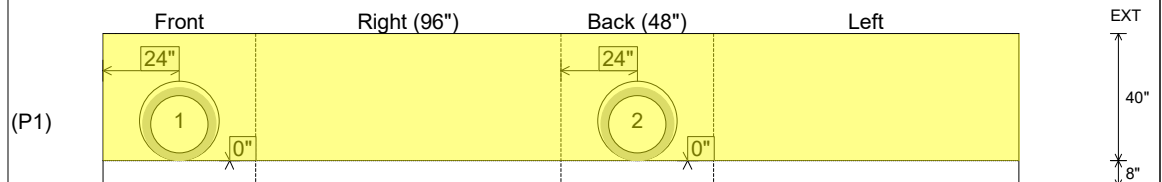
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



WEIGHT
FIRST POUR: 4,812 LBS
SECOND POUR: 7,933 LBS
TOTAL: 12,745 LBS

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 40"
Height (Ext): 48"

Weight (Net): 12745 lb
Volume (Net): 3.26cu.yd