

Job Name: 24-2287 Freedom Senior Apartments  
 Job Location: Lexington, KY  
 Contractor: Lagco Inc.

Plant: Beaver Dam, KY  
 10/14/2025 11:57:45 AM

Tech: Evan Niles  
 PC: Celina Goff



**Structure ID: OCS-111**

**P1 BX2424-08BAVF**

**BOX BASE 8inW, 8inF, Variable Ht**

- P3) 24" x 24" - CASTING HEIGHT - 0"
- P2) 24" x 24" - BOX RISER 8inW, Variable Ht - 34"
- P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht - 32"
- 1) CASTING - TRASHRACKS LVT-2424-G Inlet Grate
- 2) 24" x 24" - SGL 1"x14.5' Butyl
- 1) Hole - 16
- 1) Hole - 10
- 1) Hole - 8
- 1) SQ. Hole - 12"x12"

0 lb  
 2791 lb  
 3636 lb  
 61 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 Structure Total: 6488 lb

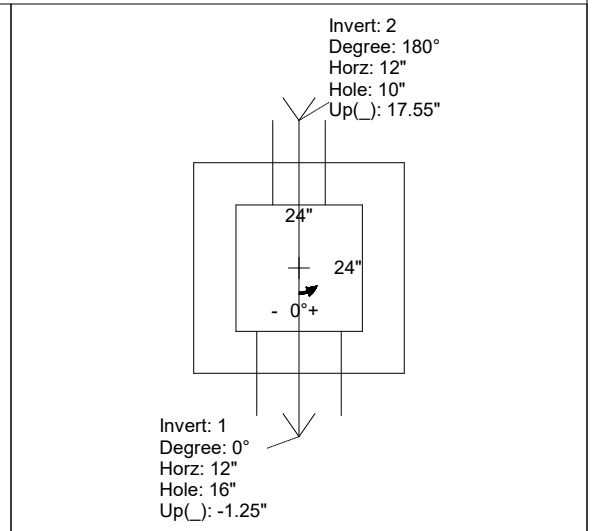
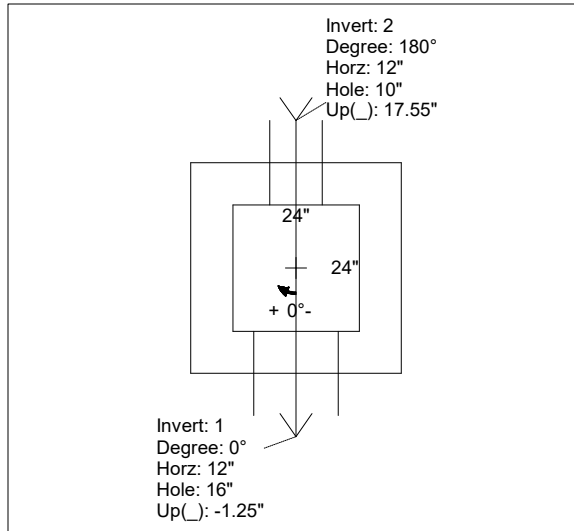
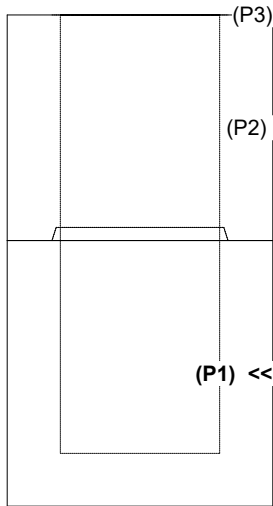
**Structure Notes:**  
 1. PER ASTM C913 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. NO INVERT CHANNEL.  
 REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.  
 4. CASTING: LVT-2424 TRASH RACK BY OTHERS

Rim: 994' Rim to Invert: 5.5' Slack: 0" Sump: 0" Step Position:

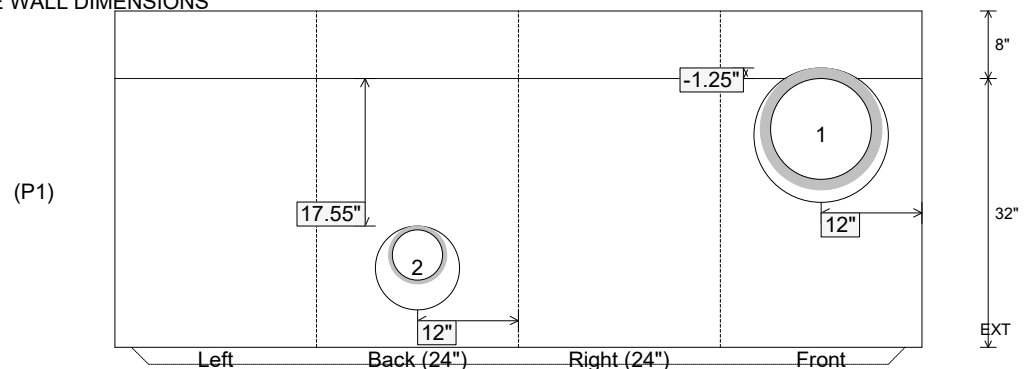
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	988.5'	0°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 2	990'	180°	20"	6" HDPE	6.9"	Hole 10	10"	10"	17.55"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Tongue  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

Height (Int): 32"  
 Height (Ext): 40"

Weight (Net): 3636 lb  
 Volume (Net): 0.93cu.yd

Job Name: 24-2287 Freedom Senior Apartments  
 Job Location: Lexington, KY  
 Contractor: Lagco Inc.

Plant: Beaver Dam, KY  
 10/14/2025 11:58:02 AM

Tech: Evan Niles  
 PC: Celina Goff



**Structure ID: OCS-111**

**P2 BX242408-VF**

**BOX RISER 8inW, Variable Ht**

- P3) 24" x 24" - CASTING HEIGHT - 0"
- P2) 24" x 24" - BOX RISER 8inW, Variable Ht - 34"
- P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht - 32"
- 1) CASTING - TRASHRACKS LVT-2424-G Inlet Grate
- 2) 24" x 24" - SGL 1"x14.5' Butyl
- 1) Hole - 16
- 1) Hole - 10
- 1) Hole - 8
- 1) SQ. Hole - 12"x12"

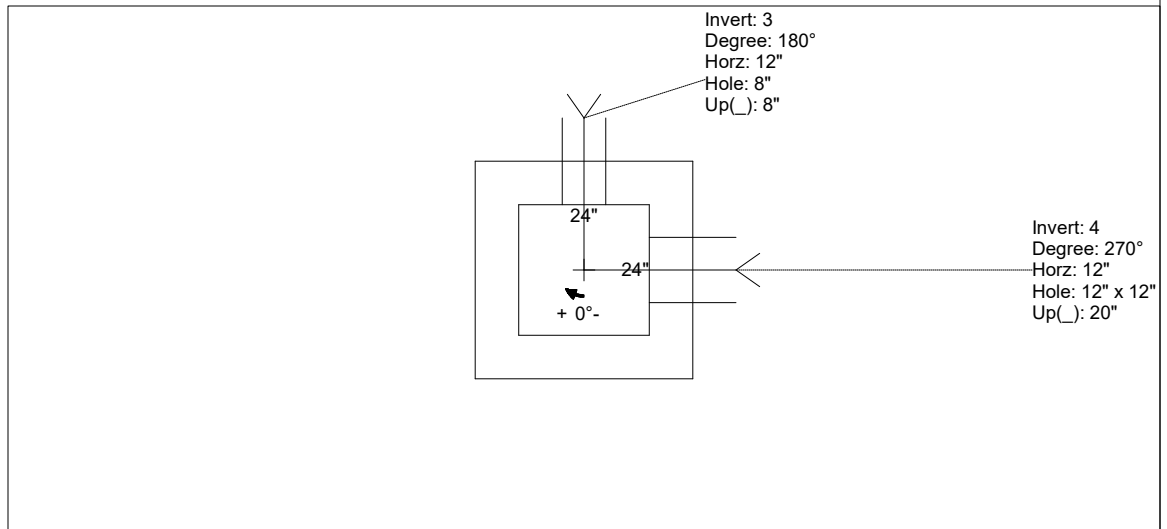
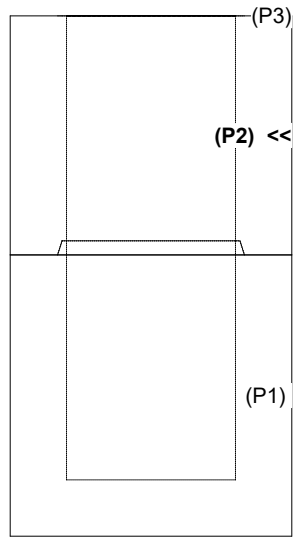
0 lb Structure Notes:  
 2791 lb 1. PER ASTM C913 SPECIFICATIONS.  
 3636 lb 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 61 lb 3. NO INVERT CHANNEL.  
 0 lb  
 0 lb REINFORCING PER ASTM A615 (GRADE 60).  
 0 lb - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 0 lb - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.  
 0 lb 4. CASTING: LVT-2424 TRASH RACK BY OTHERS

Structure Total: 6488 lb

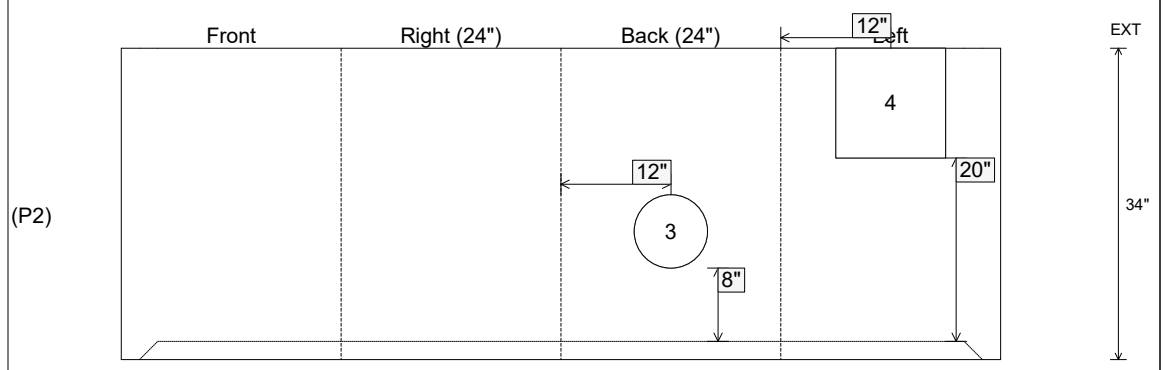
Rim: 994' Rim to Invert: 5.5' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1										
Invert 2										
Invert 3	992'	180°	20"	8" Orifice	8"	Hole 8	8"	8"	8"	0"
Invert 4	993'	270°	20"	12" x 12" Weir	12" x 12"	SQ. Hole 12"x12"	12" x 12"	12"	20"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

**RIGHT-SIDE UP VIEW (int. dimensions)**



**INSIDE WALL DIMENSIONS**



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: Groove	Wall Thickness: 8" Floor Height: 0"	Height (Int): 34" Height (Ext): 34"	Weight (Net): 2791 lb Volume (Net): 0.71cu.yd
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Job Name: 24-2287 Freedom Senior Apartments  
 Job Location: Lexington, KY  
 Contractor: Lagco Inc.

Plant: Beaver Dam, KY

Tech: Evan Niles

10/14/2025 11:57:37 AM

PC: Celina Goff



**Structure ID: SCI-101**

**P1 BX2436-08BVF**

**BOX BASE 8inW, 8inF, Variable Ht**

- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 26"
- 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)
- 1) 24" x 36" - SGL 1"x14.5' Butyl
- 1) Hole - 16

0 lb  
 3914 lb  
 442 lb  
 0 lb  
 0 lb  
 -----  
 0 lb  
 Structure Total: 4356 lb

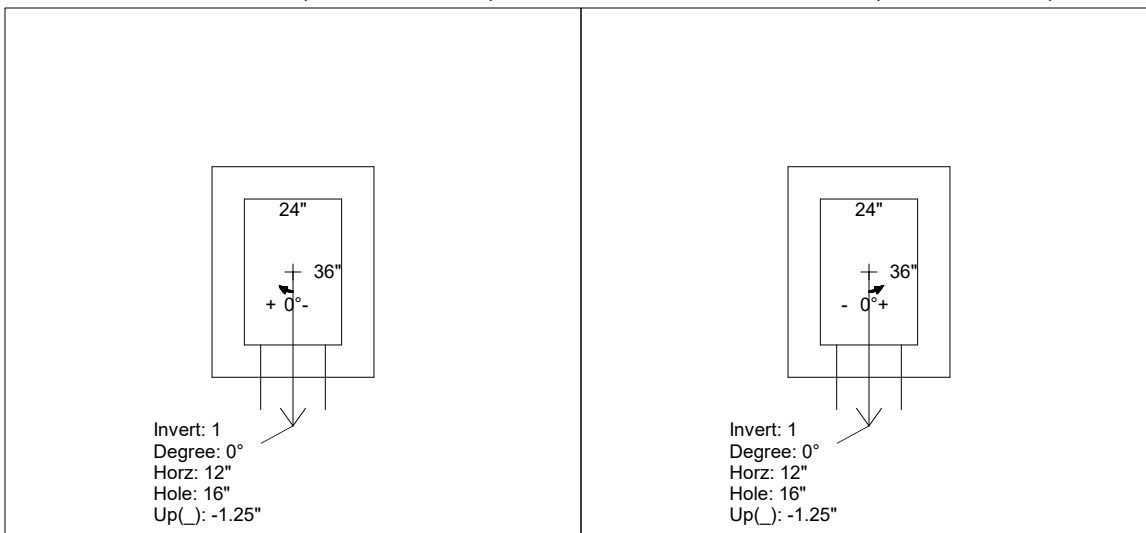
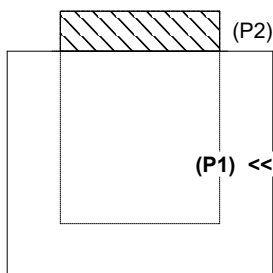
- Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO INVERT CHANNEL.
  4. REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.
  5. CASTING: JRH 525 F/G/H BY ICAST

Rim: 1005.77'    Rim to Invert: 2.67'    Slack: 0.04"    Sump: 0"    Step Position:

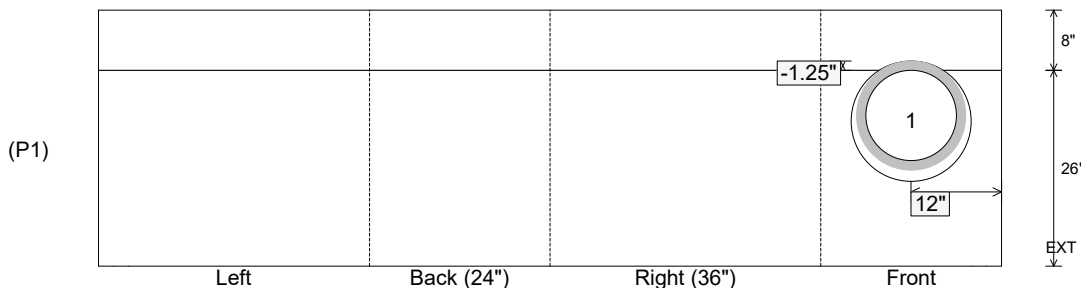
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	1003.1'	0°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

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

Weight (Net): 3914 lb  
 Volume (Net): 1cu.yd

Job Name: 24-2287 Freedom Senior Apartments  
 Job Location: Lexington, KY  
 Contractor: Lagco Inc.

Plant: Beaver Dam, KY

Tech: Evan Niles

10/14/2025 11:57:38 AM

PC: Celina Goff



**Structure ID: SCI-102**

**P1 BX2436-08BVF**

**BOX BASE 8inW, 8inF, Variable Ht**

- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 45"
- 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)
- 1) 24" x 36" - SGL 1"x14.5' Butyl
- 2) Hole - 16

0 lb  
 5718 lb  
 442 lb  
 0 lb  
 0 lb  
 -----  
 0 lb  
 Structure Total: 6160 lb

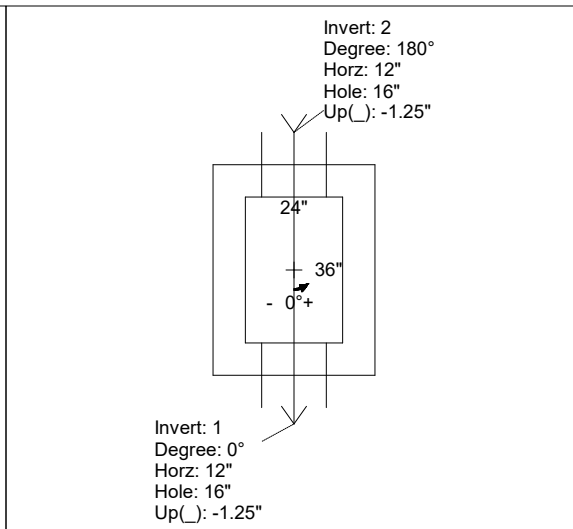
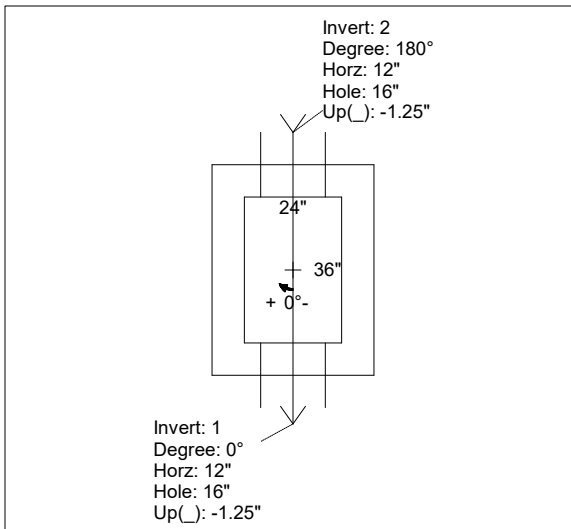
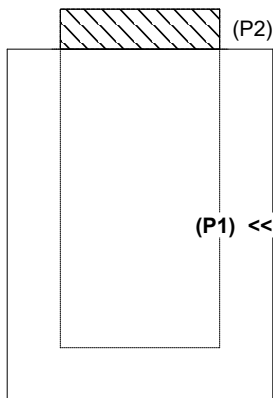
- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO INVERT CHANNEL.
  4. REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.
  5. CASTING: JRH 525 F/G/H BY ICAST

Rim: 1005.35' Rim to Invert: 4.25' Slack: 0" Sump: 0" Step Position:

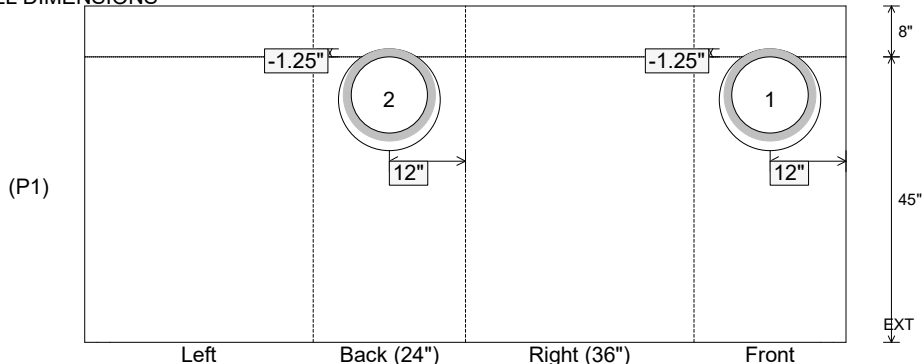
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	1001.1'	0°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 2	1001.1'	180°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

Height (Int): 45"  
 Height (Ext): 53"

Weight (Net): 5718 lb  
 Volume (Net): 1.46cu.yd

Job Name: 24-2287 Freedom Senior Apartments  
 Job Location: Lexington, KY  
 Contractor: Lagco Inc.

Plant: Beaver Dam, KY  
 10/14/2025 11:57:40 AM

Tech: Evan Niles  
 PC: Celina Goff



**Structure ID: SCI-103**

**P1 BX2436-08BVF**

**BOX BASE 8inW, 8inF, Variable Ht**

- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 41"
- 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)
- 1) 24" x 36" - SGL 1"x14.5' Butyl
- 2) Hole - 16

0 lb  
 5310 lb  
 442 lb  
 0 lb  
 0 lb  
 -----  
 Structure Total: 5752 lb

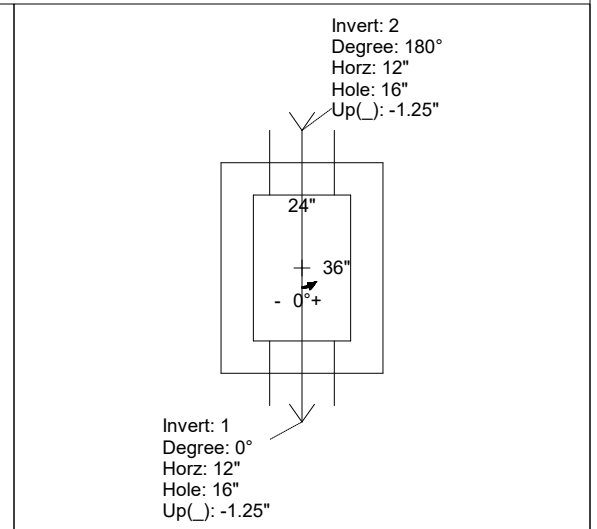
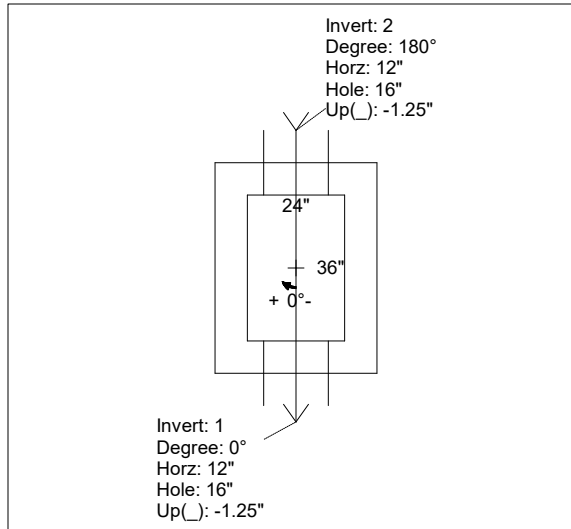
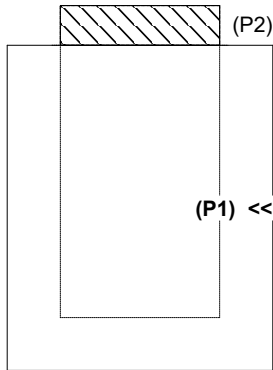
- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO INVERT CHANNEL.
  4. REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.
  5. CASTING: JRH 525 F/G/H BY ICAST

Rim: 1002.55' Rim to Invert: 3.93' Slack: 0.16" Sump: 0" Step Position:

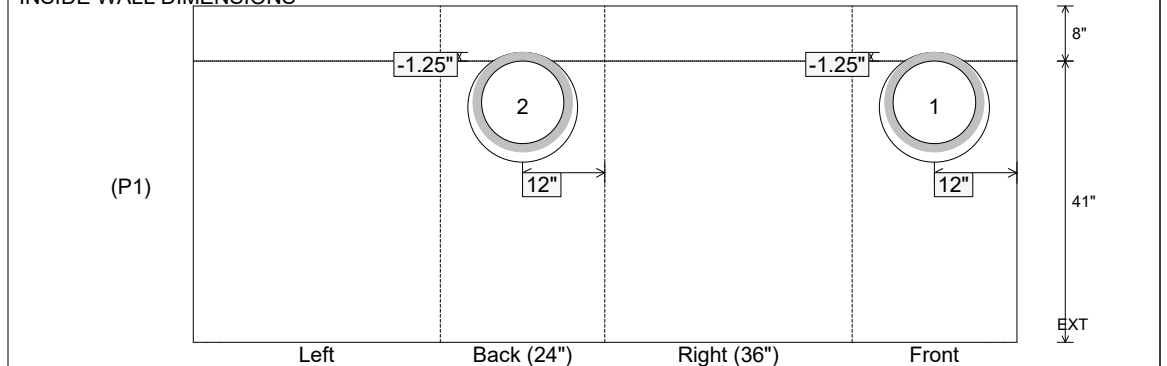
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	998.62'	0°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 2	998.62'	180°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

Height (Int): 41"  
 Height (Ext): 49"

Weight (Net): 5310 lb  
 Volume (Net): 1.36cu.yd

Job Name: 24-2287 Freedom Senior Apartments  
 Job Location: Lexington, KY  
 Contractor: Lagco Inc.

Plant: Beaver Dam, KY  
 10/14/2025 11:57:41 AM

Tech: Evan Niles  
 PC: Celina Goff



**Structure ID: SCI-105**

**P1 MH048BA48**

**MH BASE**

P4) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P3) 24" x 36" - GRADE RING - 3"	306 lb
P2) 48" - MH FLAT TOP w/24"x36" Hole - 12"	1300 lb
P1) 48" - MH BASE - 48"	4377 lb
1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)	442 lb
1) 48" - SGL 1"x14.5' Butyl (2x)	0 lb
1) Hole - 20	0 lb
2) Hole - 16	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>6425 lb</b>

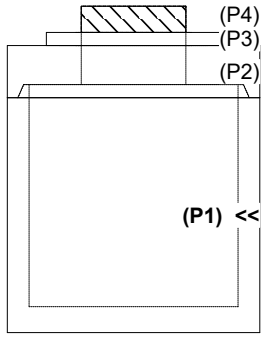
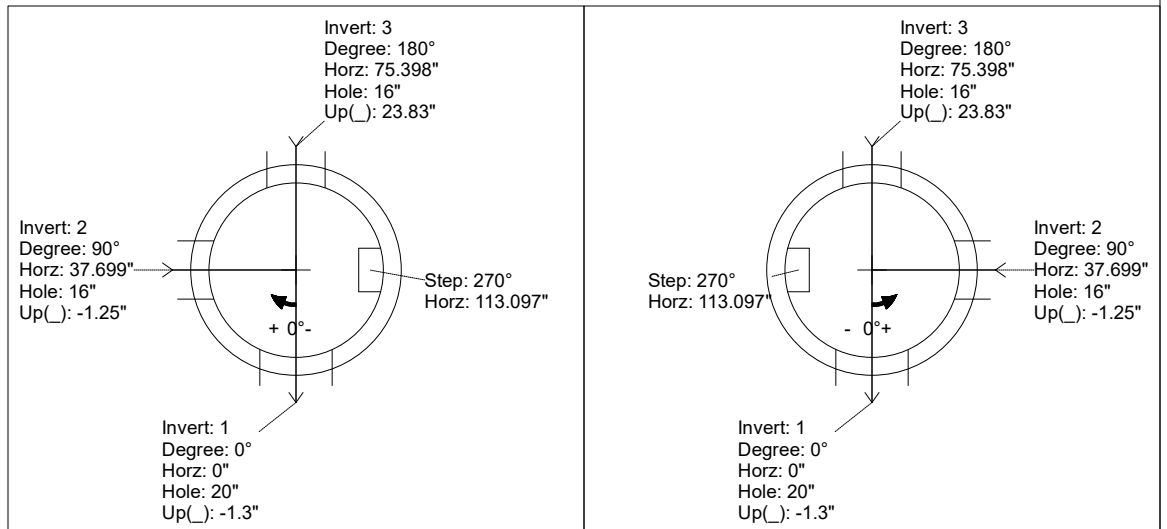
**Structure Notes:**  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.  
 4. CASTING: JRH 525 F/G/H BY ICAST

Rim: 1001.38' Rim to Invert: 5.76' Slack: 0.12" Sump: 0" Step Position: 270

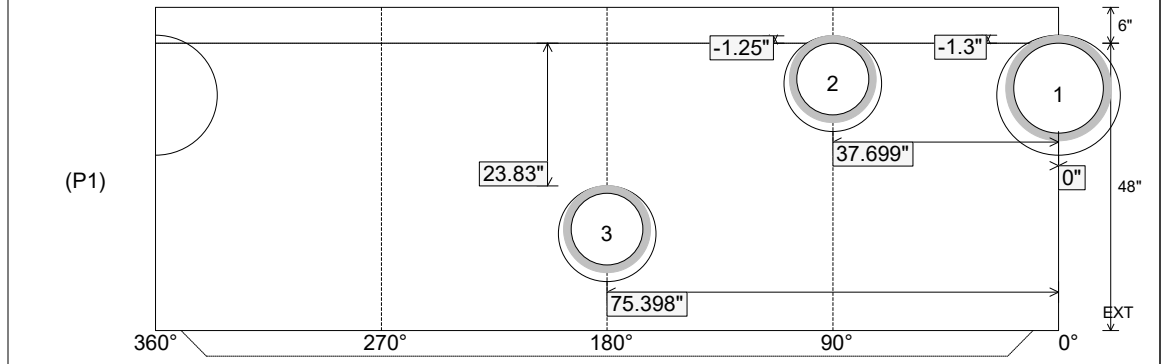
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	995.62'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	-1.3"	0"
Invert 2	995.62'	90°	45.553"	12" HDPE	14.5"	Hole 16	16"	16.312"	-1.25"	0"
Invert 3	997.71'	180°	91.106"	12" HDPE	14.5"	Hole 16	16"	16.312"	23.83"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

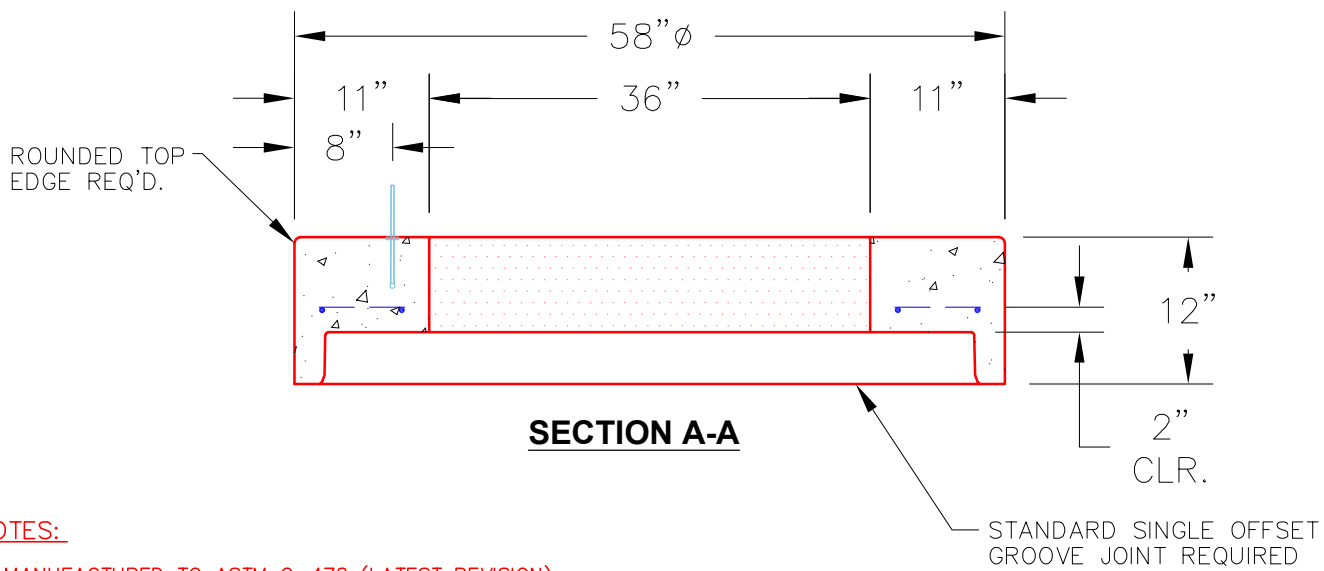
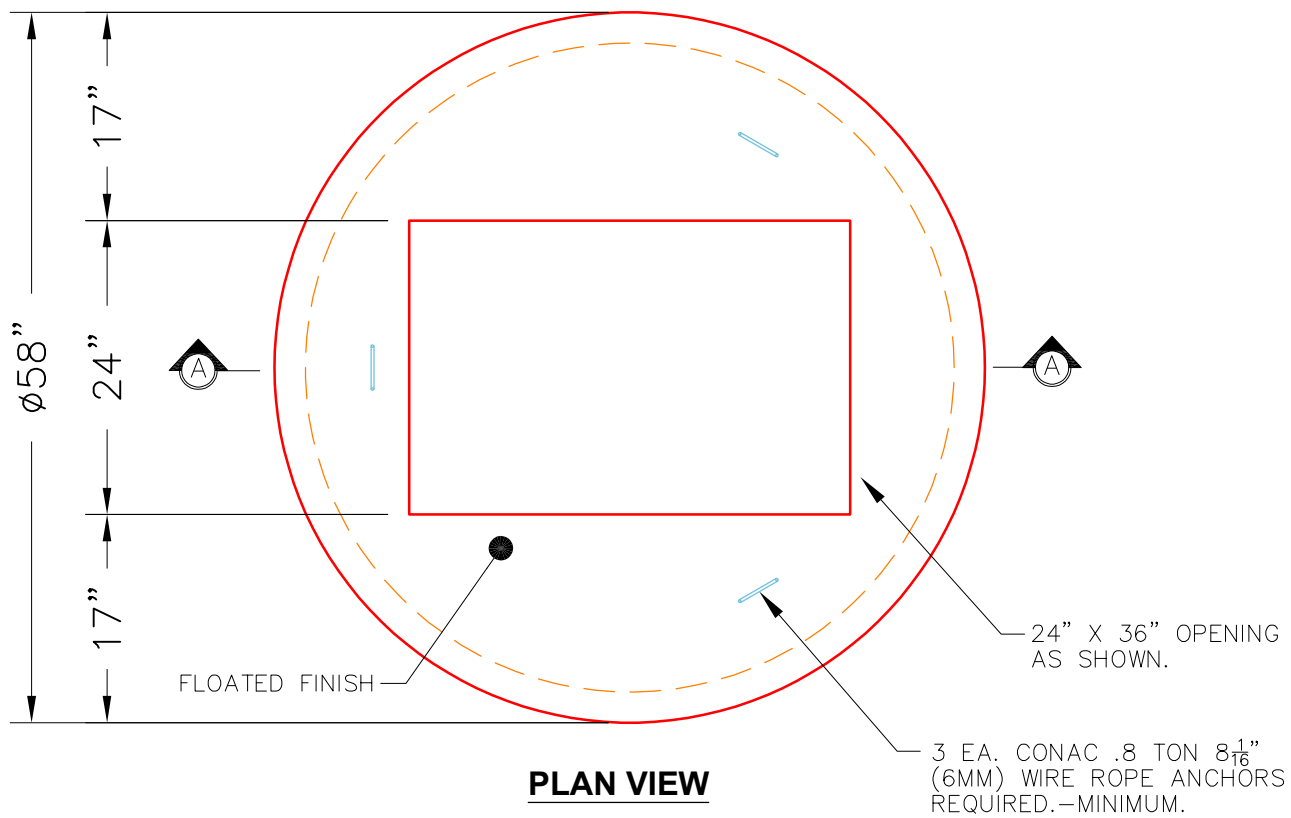
Seam Up: Tongue  
 Seam Dn: n/a

Wall Thickness: 5"  
 Floor Height: 6"

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

Weight (Net): 4377 lb  
 Volume (Net): 1.12cu.yd

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.



**NOTES:**

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. REINFORCING: #4 BAR @ 10" O.C. E.W. (GRADE 60).

<b>PRODUCTION WORK ORDER</b>		PRODUCT I.D.: MH048LD12-24X36RECT	DESCRIPTION: 48" $\phi$ X 12" MH TOP SLAB 24" X 36" RECT. OPENING	
	QUALITY CONTROL CHECKLIST		PRODUCT VIEW: RIGHT SIDE UP	
	<input type="checkbox"/> ALL DIMENSIONS CORRECT.		CUSTOMER: LAGCO, INC.	
	<input type="checkbox"/> LIFTERS INSTALLED.		PLANT: BEAVER DAM, KY.	
	<input type="checkbox"/> HOLE LOCATION CORRECT.		PROJECT: FREEDOM SENIOR APARTMENTS	
	<input type="checkbox"/> REINFORCING CORRECT.		STRUCTURE: SCI-105	
	<input type="checkbox"/> FINISH ON SLAB SURFACE UNIFORM.		QUOTE/SALES ORDER NO: 24-2287	
<input type="checkbox"/> OUTSIDE TOP EDGE TROWELLED.		PC: C. GOFF		
<input type="checkbox"/> GROOVE JOINT INSTALLED.		DRAWING: J. COPPAGE		
QC CHECK INITIALS:		DATE: 10/14/25		
		SCALE: NTS		
		PG. 1 of 1		

Job Name: 24-2287 Freedom Senior Apartments  
 Job Location: Lexington, KY  
 Contractor: Lagco Inc.

Plant: Beaver Dam, KY  
 10/14/2025 11:57:42 AM

Tech: Evan Niles  
 PC: Celina Goff



**Structure ID: SCI-106**

**P1 MH048BA42**

**MH BASE**

P4) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P3) 24" x 36" - GRADE RING - 3"	306 lb
P2) 48" - MH FLAT TOP w/24"x36" Hole - 12"	1300 lb
P1) 48" - MH BASE - 42"	3994 lb
1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)	442 lb
1) 48" - SGL 1"x14.5' Butyl (2x)	0 lb
2) Hole - 20	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>6042 lb</b>

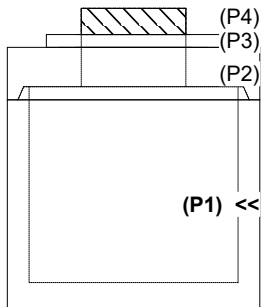
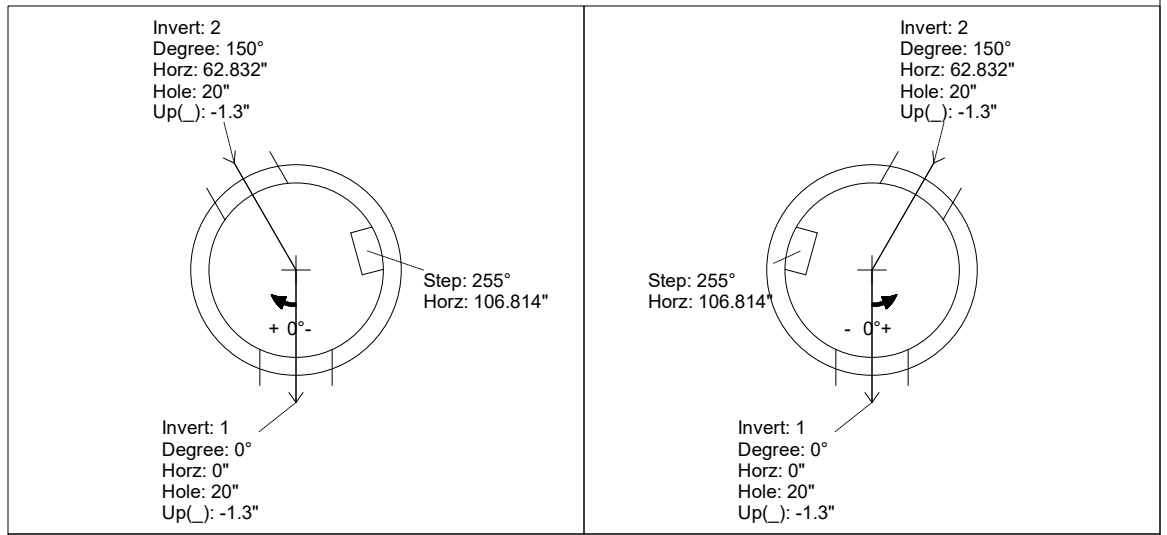
**Structure Notes:**  
 1. PER ASTM C478 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.  
 4. CASTING: JRH 525 F/G/H BY ICAST

Rim: 1000.27' Rim to Invert: 5.29' Slack: 0.48" Sump: 0" Step Position: 255

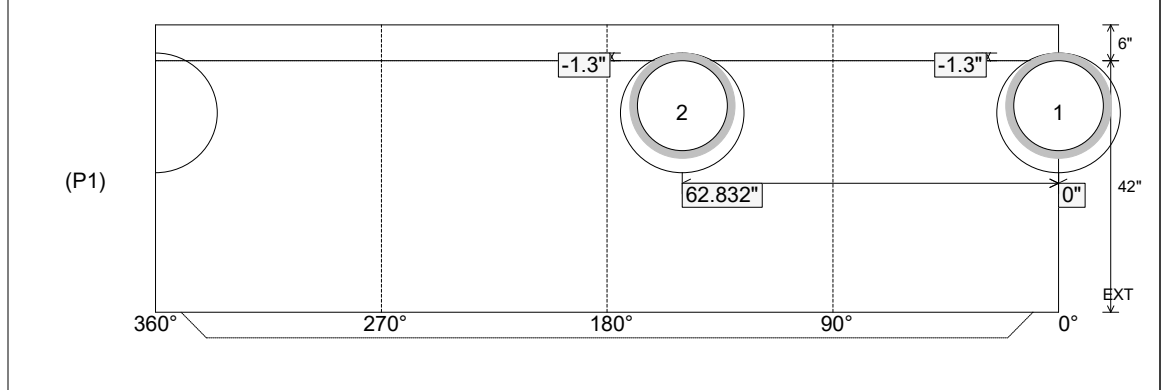
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	994.98'	0°	0"	15" HDPE	17.6"	Hole 20	20"	20.629"	-1.3"	0"
Invert 2	994.98'	150°	75.922"	15" HDPE	17.6"	Hole 20	20"	20.629"	-1.3"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

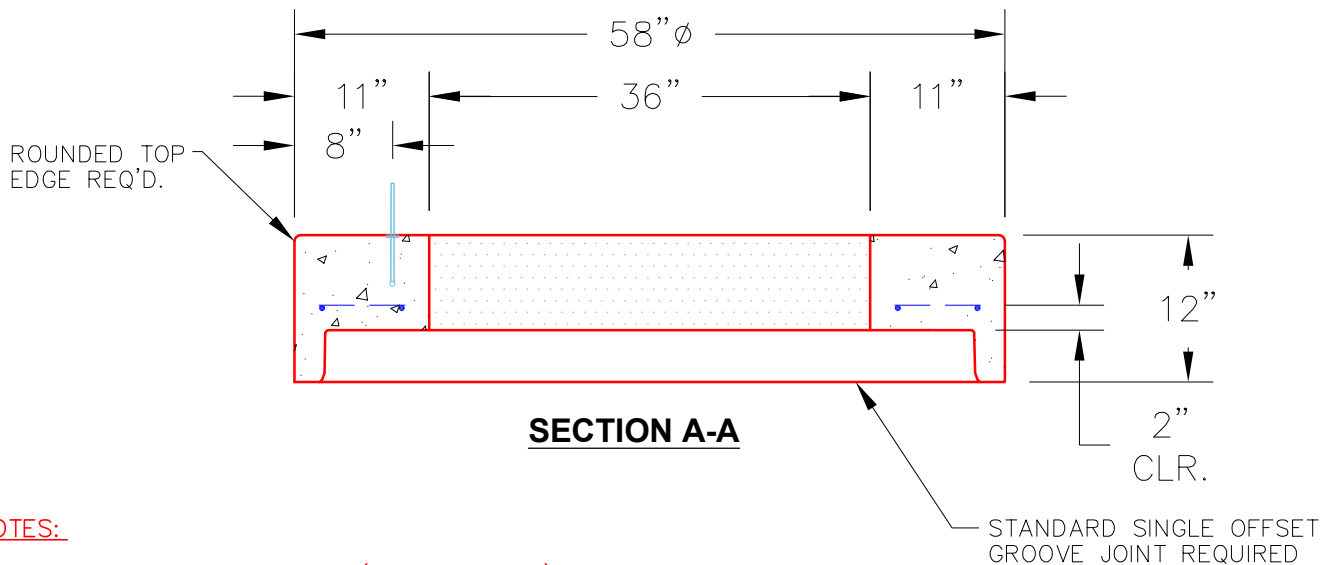
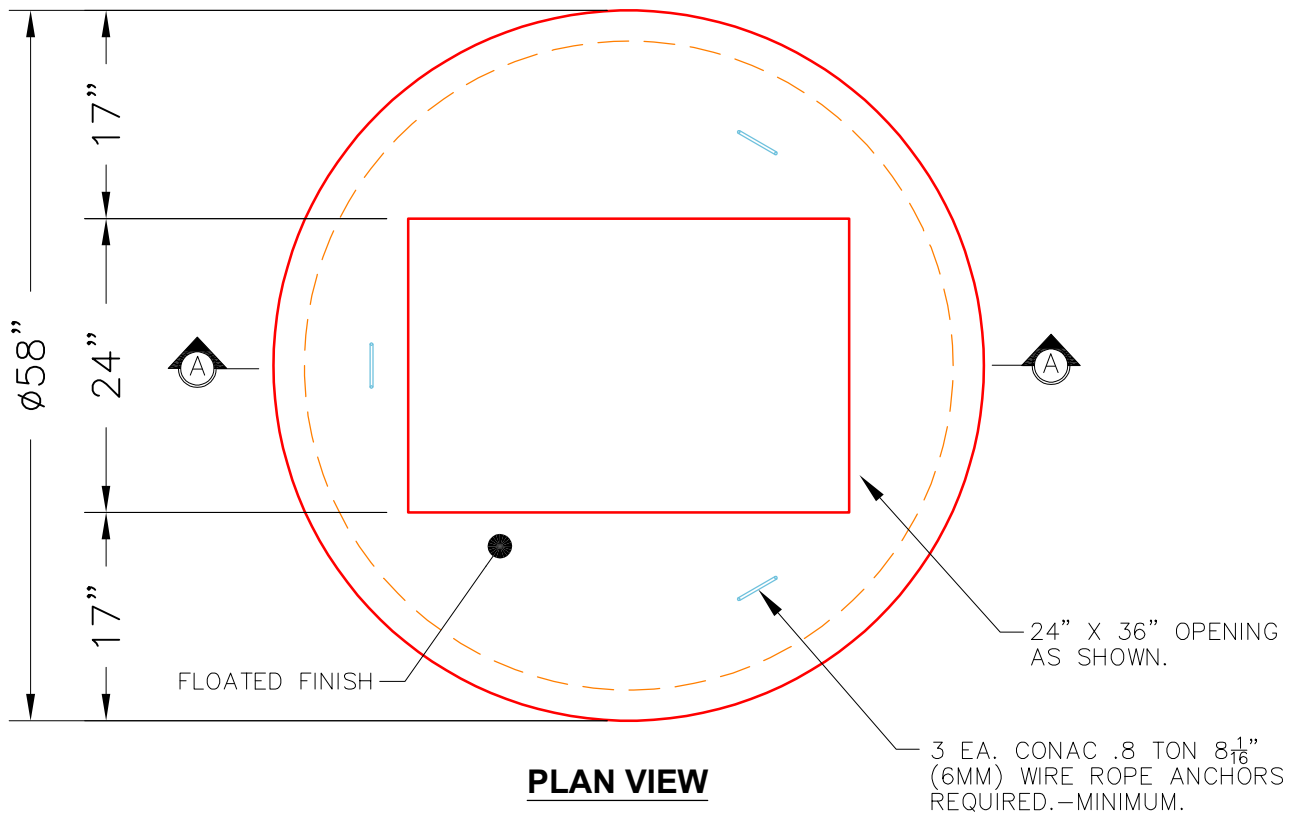


INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 42" Height (Ext): 48"	Weight (Net): 3994 lb Volume (Net): 1.02cu.yd
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THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.



**NOTES:**

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. REINFORCING: #4 BAR @ 10" O.C. E.W. (GRADE 60).

<b>PRODUCTION WORK ORDER</b>		PRODUCT I.D.: MH048LD12-24X36RECT	DESCRIPTION: 48" $\phi$ X 12" MH TOP SLAB 24" X 36" RECT. OPENING	
	QUALITY CONTROL CHECKLIST		PRODUCT VIEW: RIGHT SIDE UP	
	<input type="checkbox"/> ALL DIMENSIONS CORRECT.		CUSTOMER: LAGCO, INC.	
	<input type="checkbox"/> LIFTERS INSTALLED.		PLANT: BEAVER DAM, KY.	
	<input type="checkbox"/> HOLE LOCATION CORRECT.		PROJECT: FREEDOM SENIOR APARTMENTS	
	<input type="checkbox"/> REINFORCING CORRECT.		STRUCTURE: SCI-106	
	<input type="checkbox"/> FINISH ON SLAB SURFACE UNIFORM.		QUOTE/SALES ORDER NO: 24-2287	
<input type="checkbox"/> OUTSIDE TOP EDGE TROWELLED.		PC: C. GOFF		
<input type="checkbox"/> GROOVE JOINT INSTALLED.		DRAWING: J. COPPAGE		
QC CHECK INITIALS:		DATE: 10/14/25		
		SCALE: NTS		
		PG. 1 of 1		

Job Name: 24-2287 Freedom Senior Apartments  
 Job Location: Lexington, KY  
 Contractor: Lagco Inc.

Plant: Beaver Dam, KY

Tech: Evan Niles

10/14/2025 11:57:43 AM

PC: Celina Goff



**Structure ID: STMH-112**

**P1 MH048BAVF**

**MH BASE Custom Ht**

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - MH FLAT TOP w/ 24" ECC Hole - 12"
- P1) 48" - MH BASE Custom Ht - 70"
- 1) CASTING - HOE MC-315 F/C Storm
- 1) 48" - SGL 1"x14.5' Butyl (2x)
- 2) Hole - 16
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb  
 1561 lb  
 6049 lb  
 258 lb  
 0 lb  
 0 lb  
 0 lb  
 -----  
 Structure Total: 7868 lb

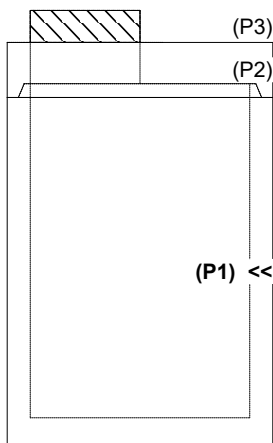
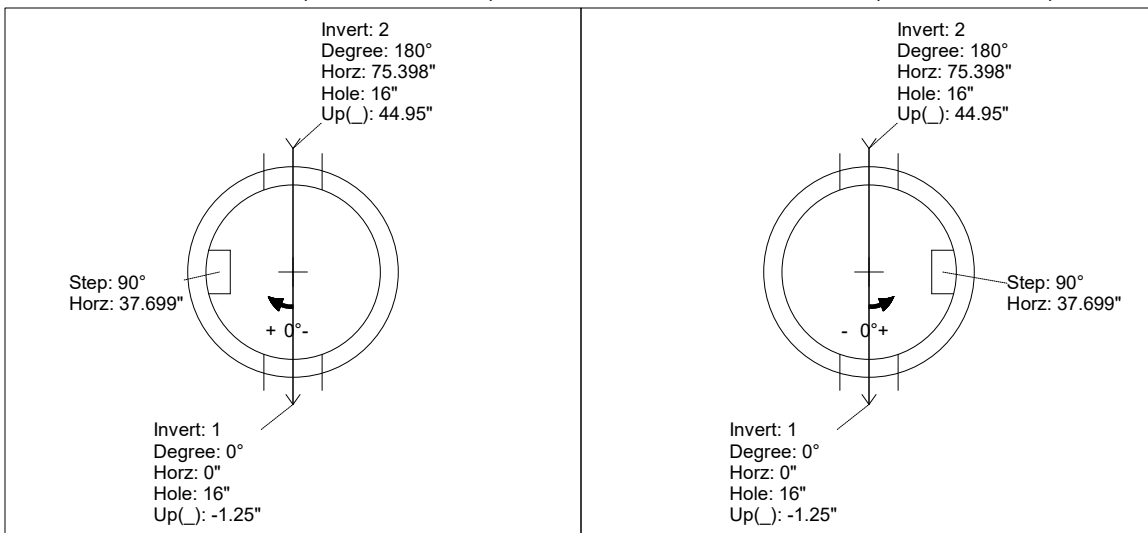
- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
  4. CASTING: JRH MC-315 STORM BY ICAST

Rim: 988.65' Rim to Invert: 7.43' Slack: 0.16" Sump: 0" Step Position: 90°

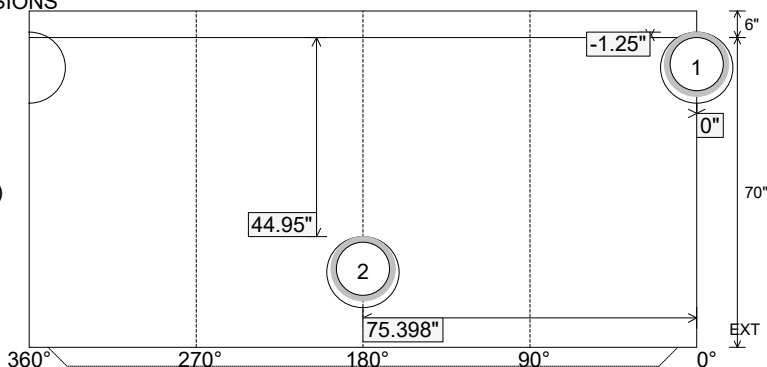
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	981.22'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.312"	-1.25"	0"
Invert 2	985.07'	180°	91.106"	12" HDPE	14.5"	Hole 16	16"	16.312"	44.95"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

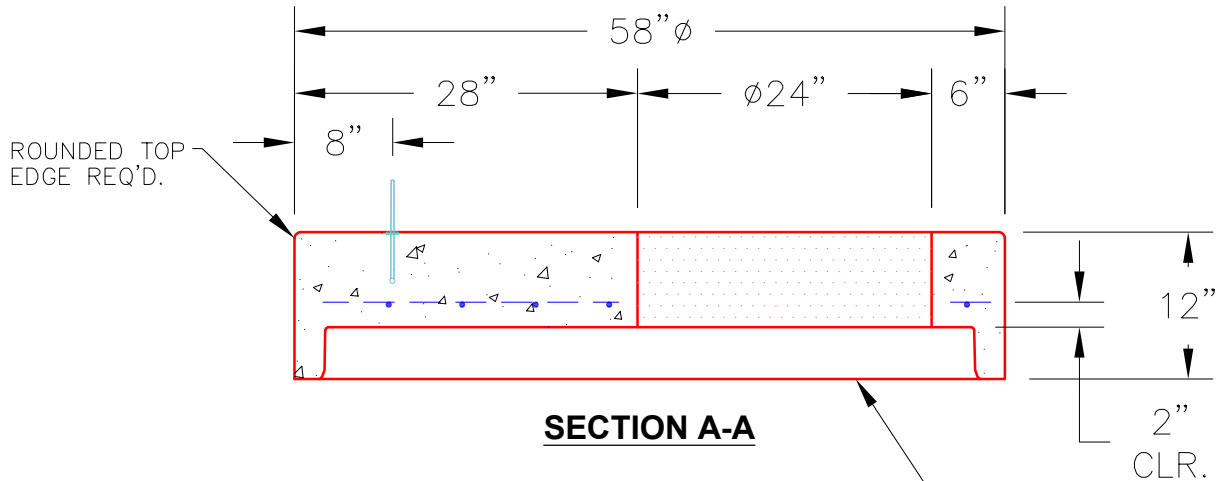
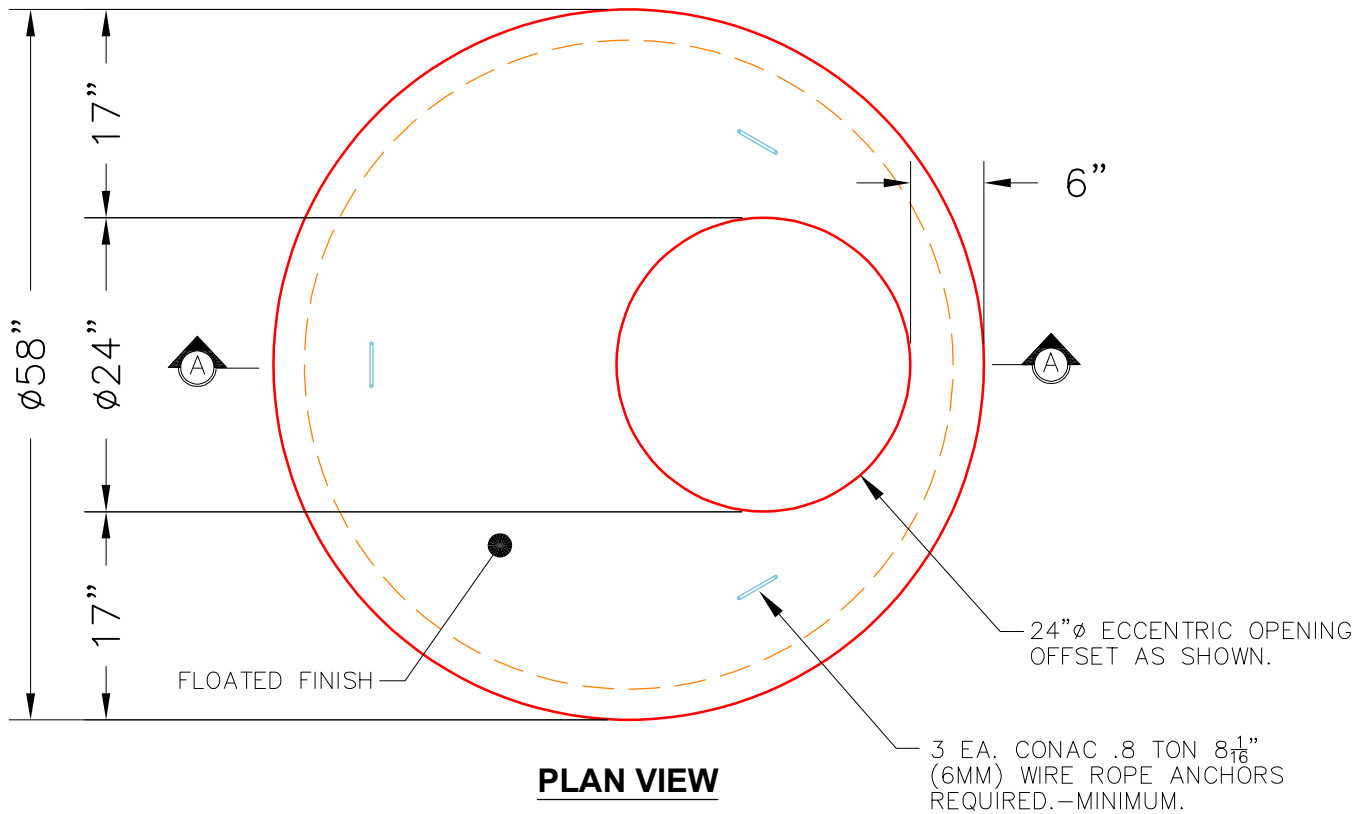
Seam Up: Tongue  
 Seam Dn: n/a

Wall Thickness: 5"  
 Floor Height: 6"

Height (Int): 70"  
 Height (Ext): 76"


Weight (Net): 6049 lb  
 Volume (Net): 1.54cu.yd

THIS DRAWING IS INTENDED TO BE PRINTED IN COLOR.



**NOTES:**

1. MANUFACTURED TO ASTM C-478 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. REINFORCING: #4 BAR @ 10" O.C. E.W. (GRADE 60).

PRODUCTION WORK ORDER		PRODUCT I.D.: MH048LD12ECC	DESCRIPTION: 48" $\phi$ X 12" MH TOP SLAB 24" $\phi$ ECCENTRIC	
	QUALITY CONTROL CHECKLIST	PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: LAGCO INC.	
	<input type="checkbox"/> ALL DIMENSIONS CORRECT.	PLANT: BEAVER DAM, KY.	PROJECT: FREEDOM SENIOR APARTMENTS	
	<input type="checkbox"/> LIFTERS INSTALLED.	WEIGHT: 1,561 LBS.	STRUCTURE: STMH-112	
	<input type="checkbox"/> HOLE LOCATION CORRECT.	TOP SECTION JOINT: N/A	QUOTE/SALES ORDER NO: 24-2287	
	<input type="checkbox"/> REINFORCING CORRECT.	BASE SECTION JOINT: GROOVE	PC: C. GOFF	DRAWING: J. COPPAGE
<input type="checkbox"/> FINISH ON SLAB SURFACE UNIFORM.	QC CHECK INITIALS:	DATE: 10/14/25	SCALE: NTS	PG. 1 of 1
<input type="checkbox"/> OUTSIDE TOP EDGE TROWELLED.				
<input type="checkbox"/> GROOVE JOINT INSTALLED.				



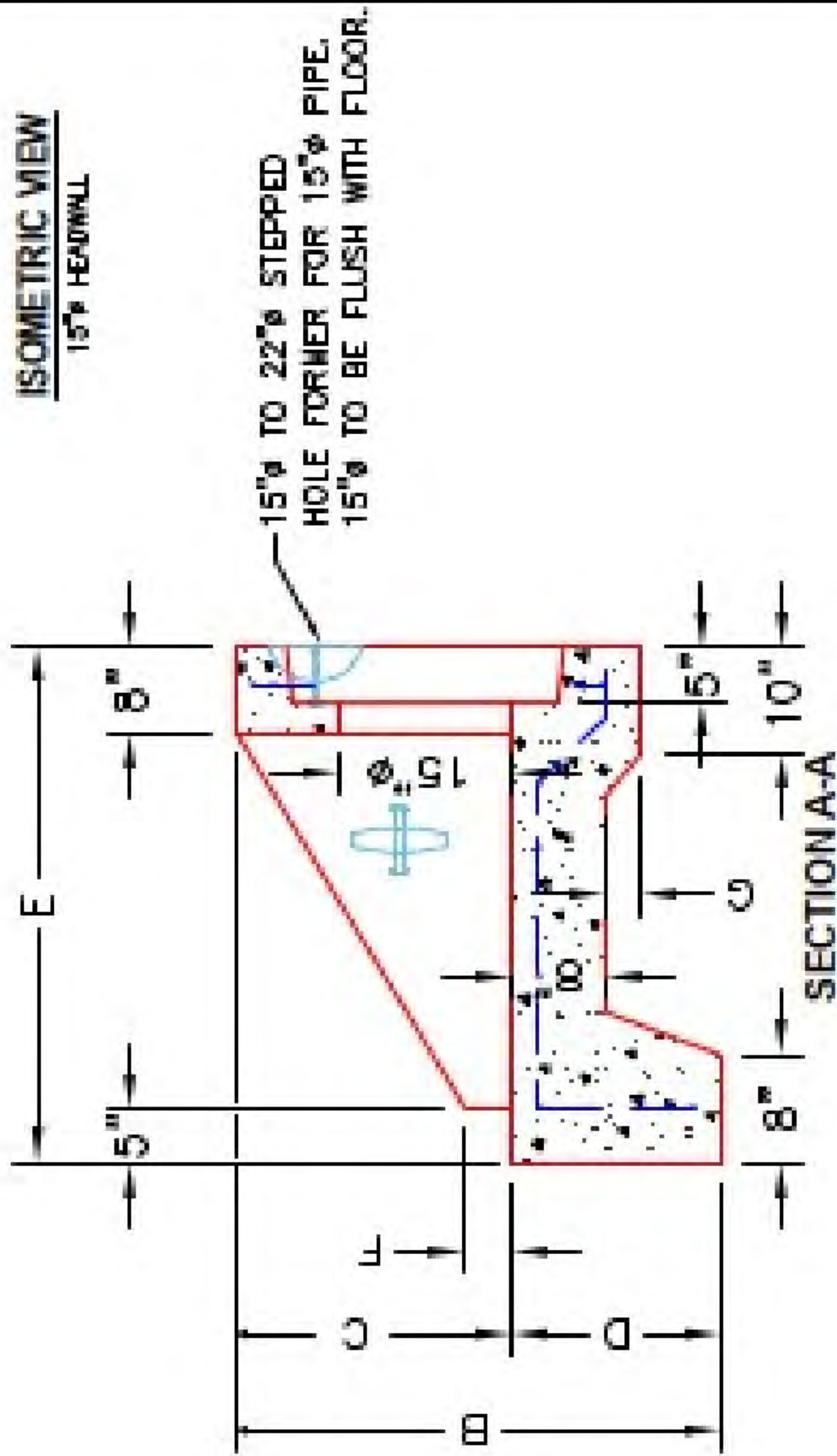
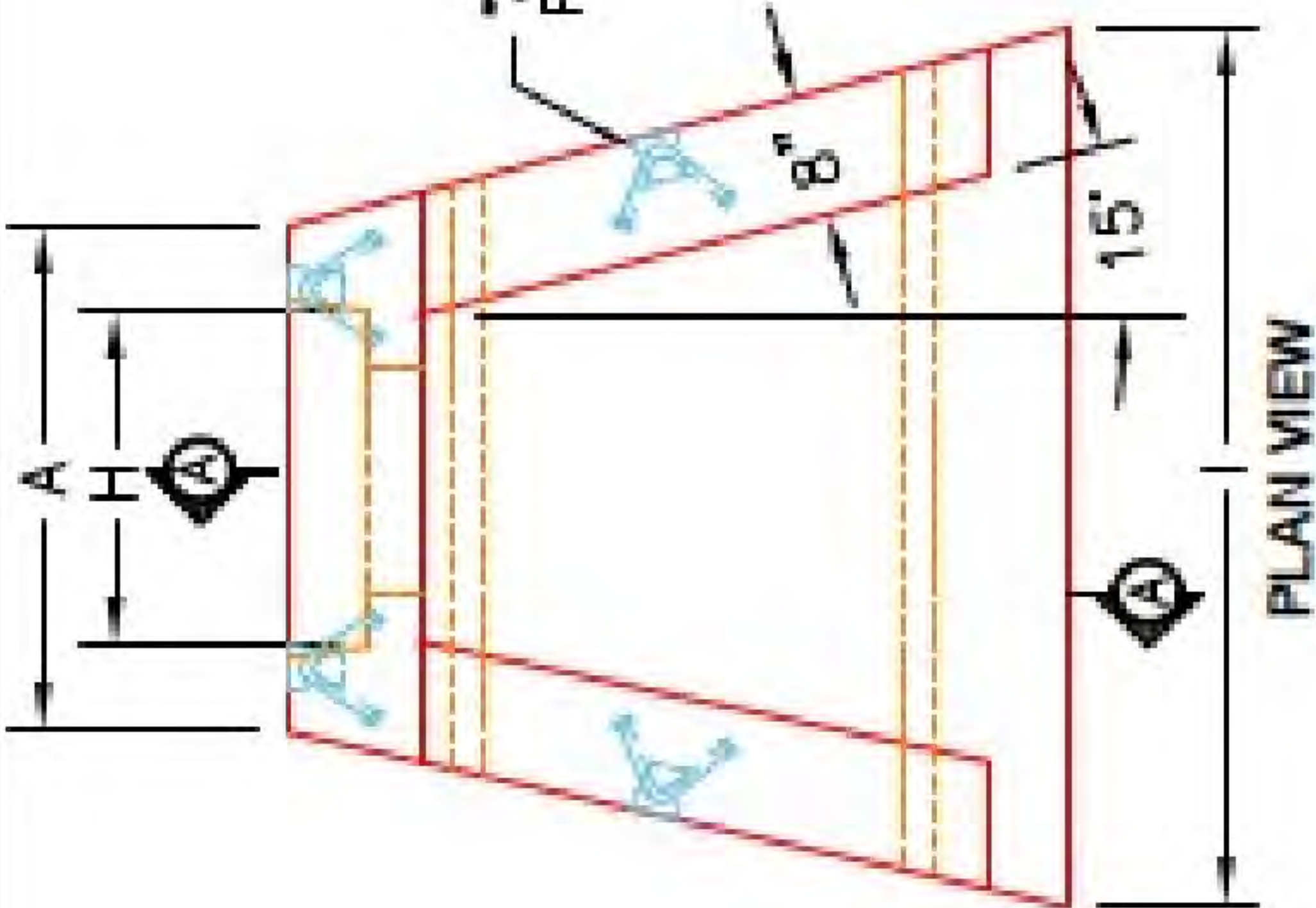
**Structure ID: HW-S110**

**P1 HWSF15**

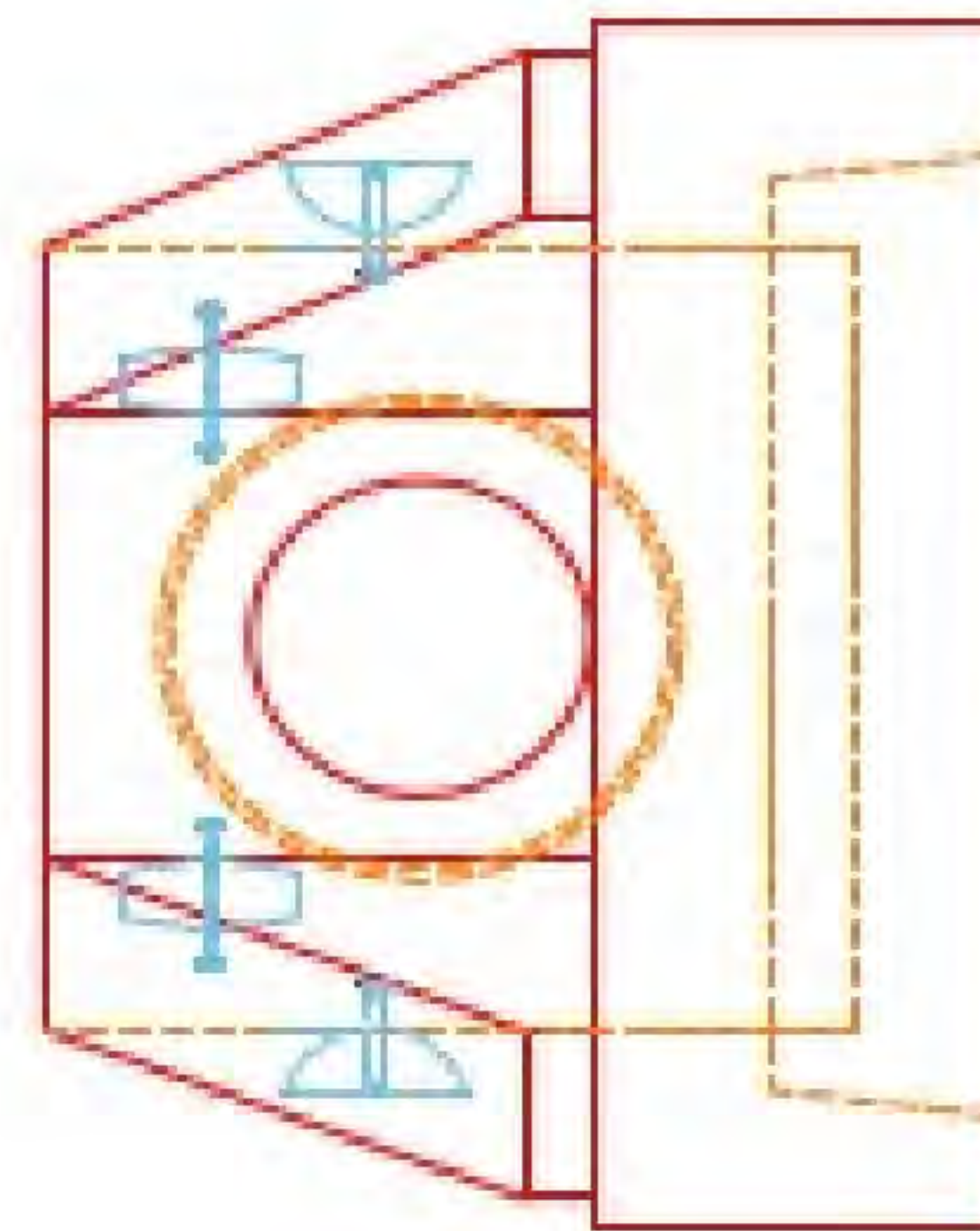
**15" - SLOPED & FLARED HEADWALL**

DIMENSIONS										
PPE Ø	A	B	C	D	E	F	G	H	I	WEIGHT
15"	2'-0"	3'-6"	2'-0"	1'-6"	4'-0"	3"	2"	2'-0"	4'-0"	3,181 LBS.

"A"-ANCHOR LIFTING SYSTEM FOR PLANT & FIELD HANDLING.



ISOMETRIC VIEW  
15" HEADWALL



**FRONT ELEVATION**

- NOTES:**
1. CONCRETE: 4500 PSI @ 28 DAYS.
  2. REINFORCING: #4 BAR @ 12" C/C E.W.-GRADE @0, (WITH 2" CONCRETE COVER MINIMUM)
  3. REINFORCING BARS TO BE TACK WELDED OR TIED.
  4. DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWING RDH-020-03 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
  5. 1/8" CHAMFER ON ALL EXPOSED EDGES.

**PRODUCTION WORK ORDER**

- QUALITY CONTROL CHECKLIST
- ALL DIMENSIONS CORRECT.
  - LIFTERS INSTALLED.
  - STEPPED IF CORRECT SIZE.
  - REINFORCING CORRECT.
  - DISSIPATOR BLOCK INSTALLED.
  - EDGES CHAMFERED.
  - ALL PATCHWORK ACCEPTABLE.



DESCRIPTION: KYTC 15" SLOPED & FLARED HEADWALL
CUSTOMER: STOCK
PROJECT: STOCK INVENTORY
STRUCTURE ID: N/A
QUOTE/SALES ORDER NO: N/A
CHECK: J.H. ROSS, PE DRAWING: N. RICHARDS
DATE: 09/15/22 SCALE: NTS PG. 1 of 1

PRODUCT I.D.: HWSF15
PRODUCT VIEW: RIGHT SIDE UP
PLANT: BEAVER DAM, KY.
WEIGHT: 3,181 LBS.
TOP SECTION JOINT: N/A
BASE SECTION JOINT: N/A
QC CHECK INITIALS:



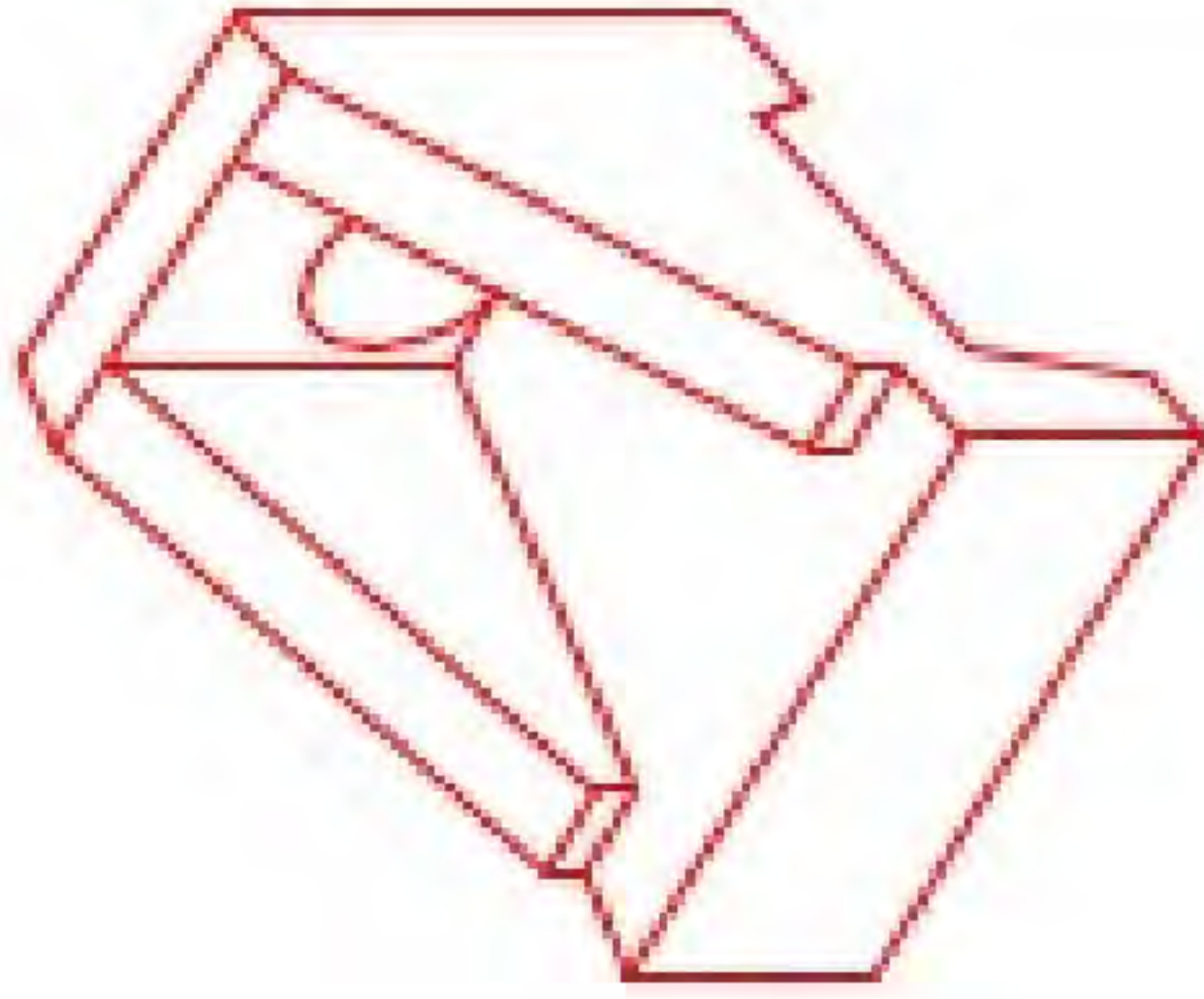
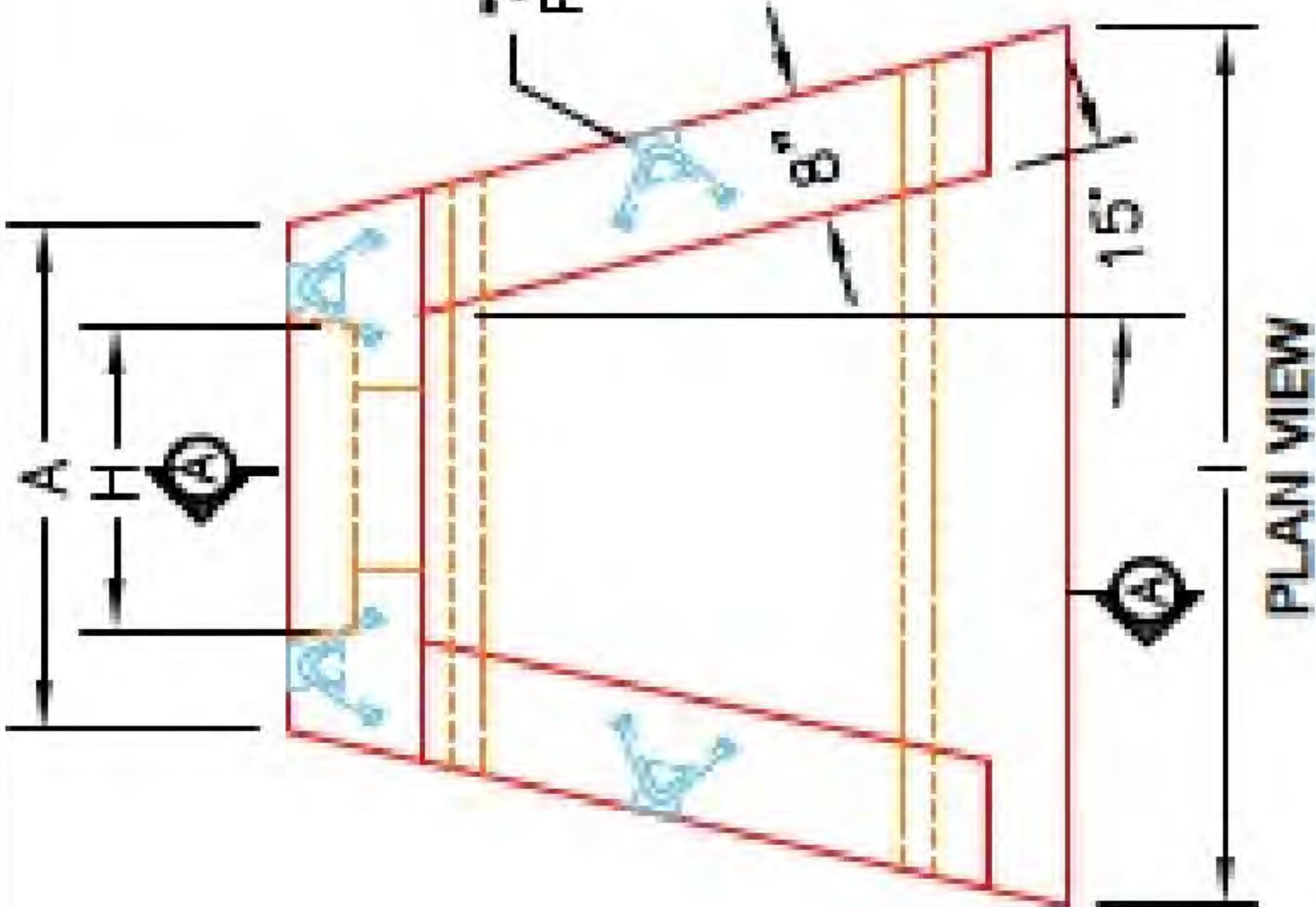
**Structure ID: HW-S113**

**P1 HWSF12**

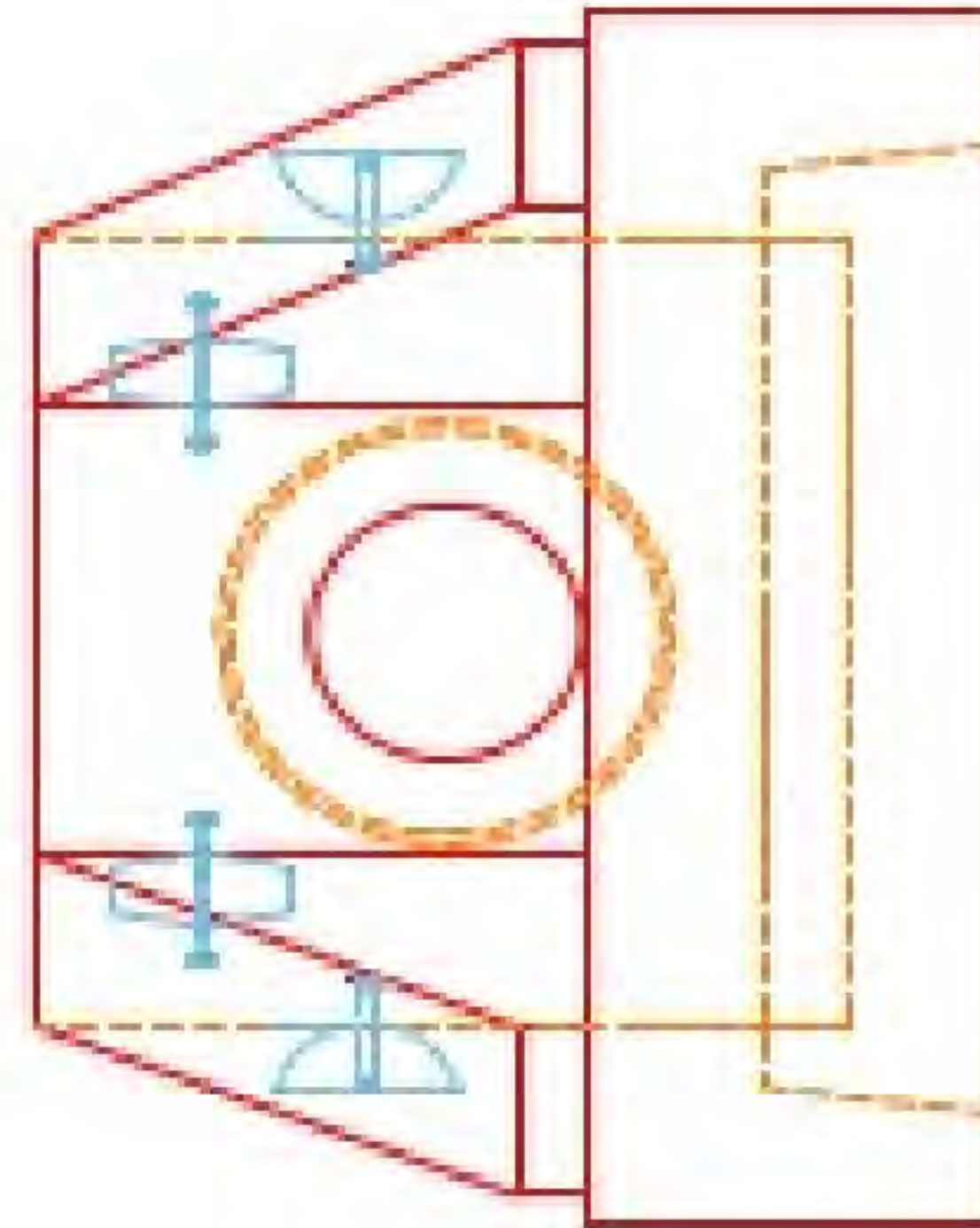
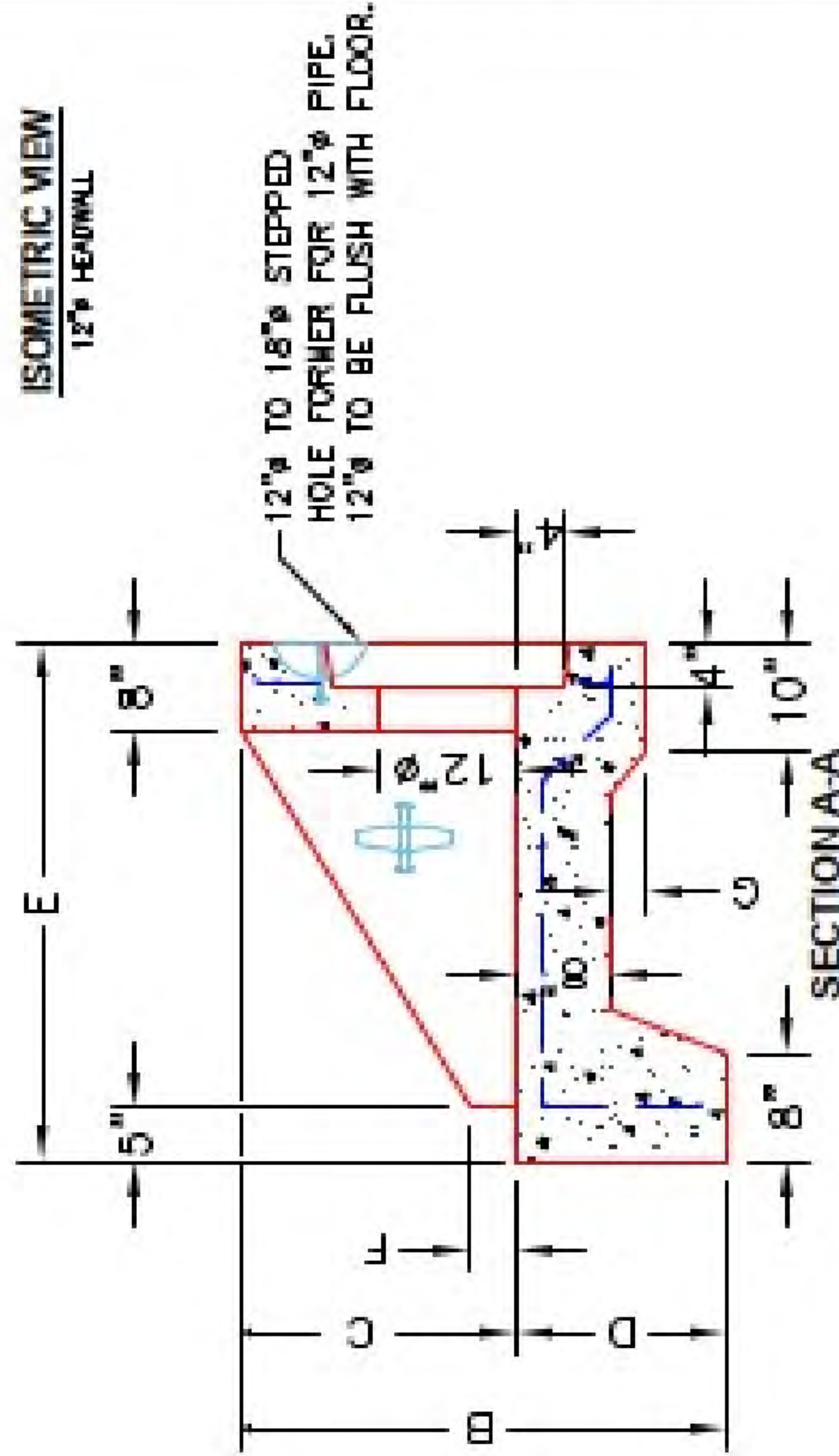
**12" - SLOPED & FLARED HEADWALL**

DIMENSIONS										
PPE Ø	A	B	C	D	E	F	G	H	I	WEIGHT
12"	2'-8"	3'-6"	2'-0"	1'-8"	4'-0"	3"	2'	1'-8"	4'-9"	3,161 LBS.

"A"-ANCHOR LIFTING SYSTEM FOR PLANT & FIELD HANDLING.



ISOMETRIC VIEW  
12" HEADWALL



FRONT ELEVATION

- NOTES:**
1. CONCRETE: 4500 PSI @ 28 DAYS.
  2. REINFORCING: #4 BAR @ 12" C/C E/W -GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
  3. REINFORCING BARS TO BE TACK WELDED OR TIED.
  4. DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWING RDH-020-03 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
  5. CHAMFER ON ALL EXPOSED EDGES.

PRODUCTION WORK ORDER		PRODUCT I.D.: HWSF12	DESCRIPTION: KYTC 12" SLOPED & FLARED HEADWALL
QUALITY CONTROL CHECKLIST		PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: STOCK
<input type="checkbox"/>	ALL DIMENSIONS CORRECT.	PLANT: BEAVER DAM, KY.	PROJECT: STOCK INVENTORY
<input type="checkbox"/>	LIFTERS INSTALLED.	WEIGHT: 3,161 LBS.	STRUCTURE I.D.: N/A
<input type="checkbox"/>	STEPPED HF CORRECT SIZE.	TOP SECTION JOINT: N/A	QUOTE/SALES ORDER NO: N/A
<input type="checkbox"/>	REINFORCING CORRECT.	BASE SECTION JOINT: N/A	CHECK: JH. ROSS, PE
<input type="checkbox"/>	DISSIPATOR BLOCK INSTALLED.	QC CHECK INITIALS:	DRAWING: M. RICHARDS
<input type="checkbox"/>	EDGES CHAMFERED.		DATE: 08/15/22
<input type="checkbox"/>	ALL PATCHWORK ACCEPTABLE.		SCALE: NTS
			FIG. 1 of 1



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