

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:10 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 110-2 ST-MH

P1 BX3636-08BAVF

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

- P3) 24" - CASTING HEIGHT - 4"
- P2) 36" x 36" - CB FLAT TOP 8"W w/24"Hole F/F - 6"
- P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 28"
- 1) CASTING - JBS 1154 F/C STORM
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) DOGHOUSE INVRTD - 32"x29"

0 lb
 1134 lb
 3925 lb
 250 lb
 0 lb
 0 lb

 Structure Total: 5309 lb

- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 1154 F/C STORM).

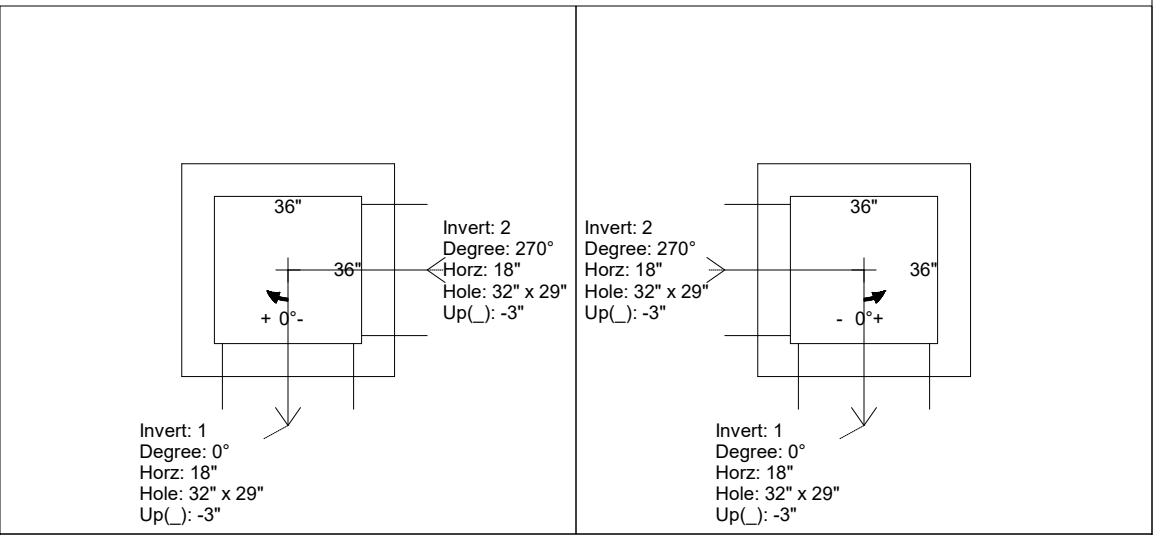
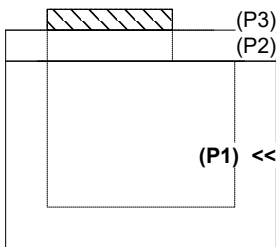
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 547.16' Rim to Invert: 3.18' Slack: 0.16" Sump: 0" Step Position:

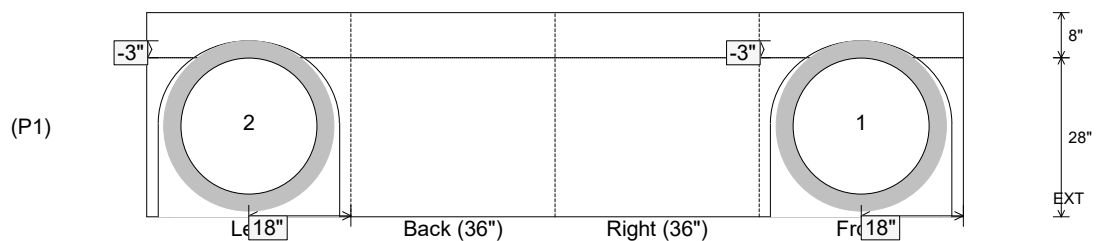
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	543.98'	0°	26"	24" RCP B WALL	30"	DOGHOUSE INVRTD 32"x29"	32" x 29"	32"	-3"	0"
Invert 2	543.98'	270°	26"	24" RCP B WALL	30"	DOGHOUSE INVRTD 32"x29"	32" x 29"	32"	-3"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

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

Weight (Net): 3925 lb
 Volume (Net): 1cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
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Plant: 100
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Tech: Jared - F
 PC: T. Lewis

Structure ID: 110-2 ST-MH

P2 BX036048-06LD08-24ECC

CB FLAT TOP 8"W w/24"Hole F/F

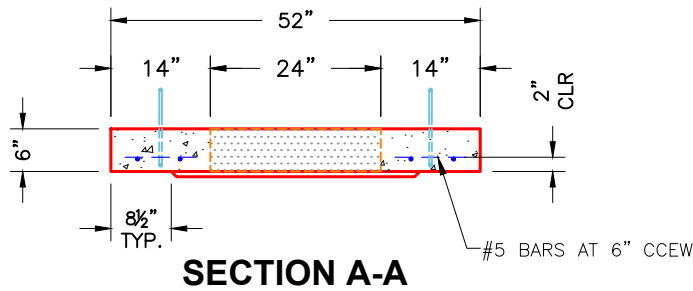
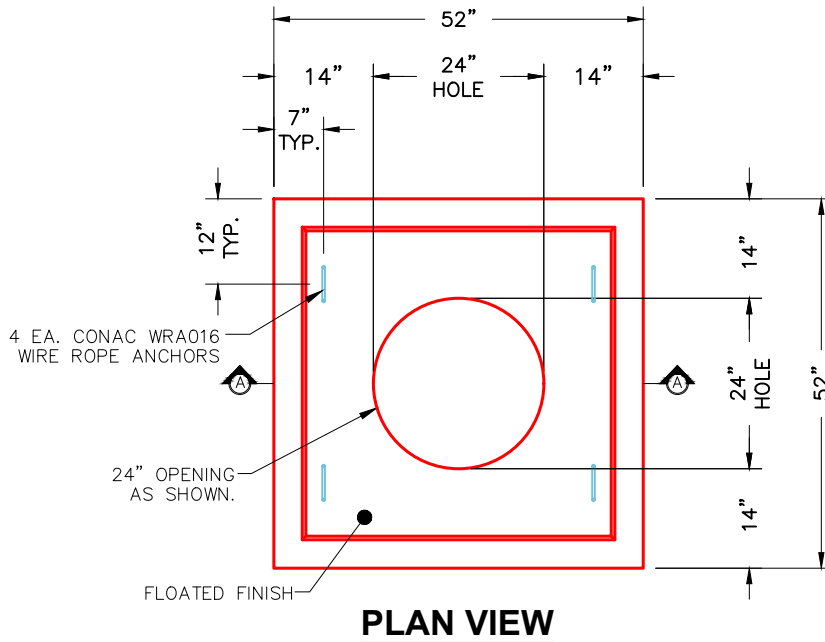
- P3) 24" - CASTING HEIGHT - 4"
- P2) 36" x 36" - CB FLAT TOP 8"W w/24"Hole F/F - 6"
- P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 28"
- 1) CASTING - JBS 1154 F/C STORM
- 1) 36" x 36" - Conseal CS-102 1.00"
- 2) DOGHOUSE INVRTD - 32"x29"

0 lb
 1134 lb
 3925 lb
 250 lb
 0 lb
 0 lb

 Structure Total: 5309 lb

- Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 1154 F/C STORM).

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



NOTES:

1. MANUFACTURED TO ASTM C-913 (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: Flat

Wall Thickness: 8"

Height (Ext): 6"

Weight (Net): 1134 lb
 Volume (Net): 0.29cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
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Tech: Jared - F
 PC: T. Lewis



Structure ID: 111-3 ST-CI

P1 MH060BA60

MH BASE F/n

- P3) 30" x 30" - CASTING HEIGHT - 7.50"
- P2) 60" - MH FLAT TOP w/30"x30" Hole F/F - 8"
- P1) 60" - MH BASE F/n - 60"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 1) 60" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 3) Hole - 32
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 2239 lb
 7727 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 10216 lb

- Structure Notes:**
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET).

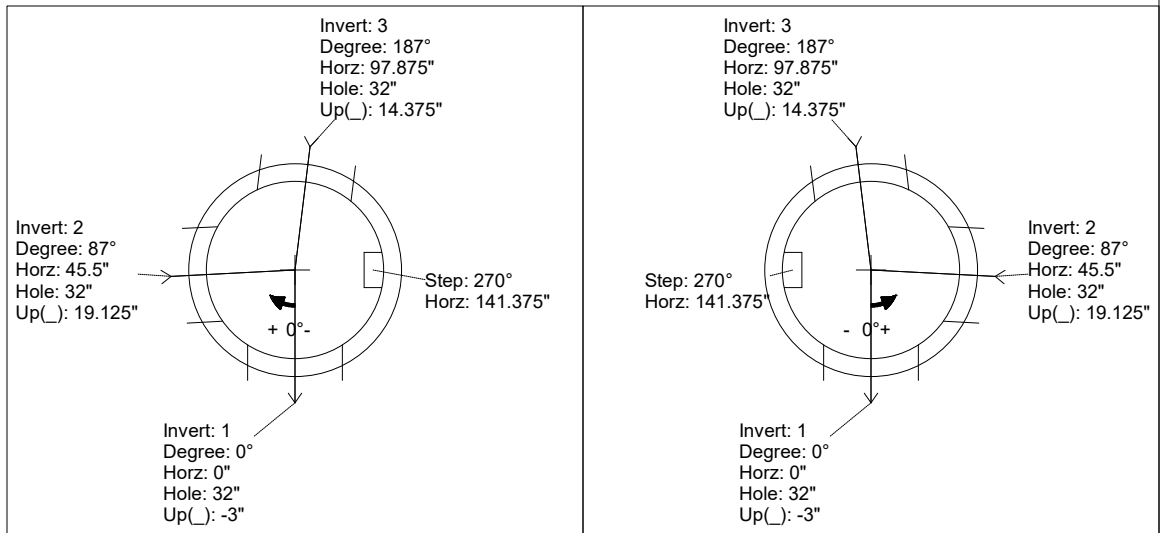
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 552.17' Rim to Invert: 6.45' Slack: 1.9" Sump: 0" Step Position: 270°

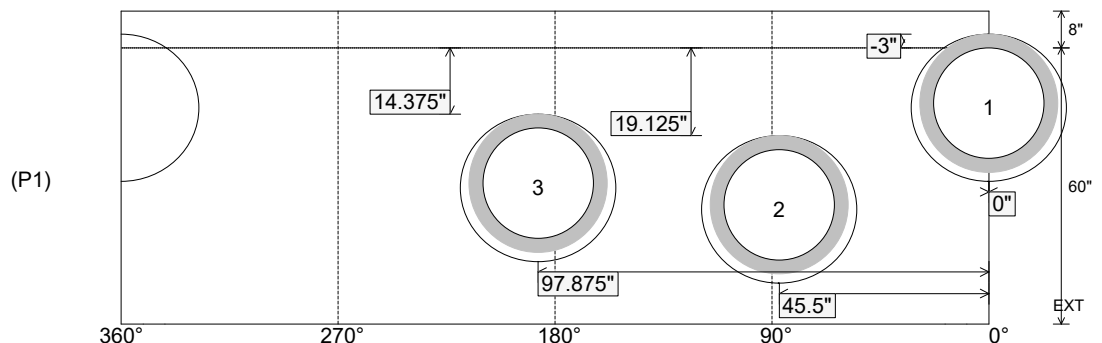
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	545.72'	0°	0"	24" RCP B WALL	30"	Hole 32	32"	33.752"	-3"	0"
Invert 2	547.56'	87°	54.625"	24" RCP B WALL	30"	Hole 32	32"	33.752"	19.125"	0"
Invert 3	547.17'	187°	117.5"	24" RCP B WALL	30"	Hole 32	32"	33.752"	14.375"	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: 6"
 Floor Height: 8"

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

Weight (Net): 7727 lb
 Volume (Net): 1.97cu.yd

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Plant: 100
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Tech: Jared - F
 PC: T. Lewis

Structure ID: 111-3 ST-CI

P2 MH060LD08-30SQ

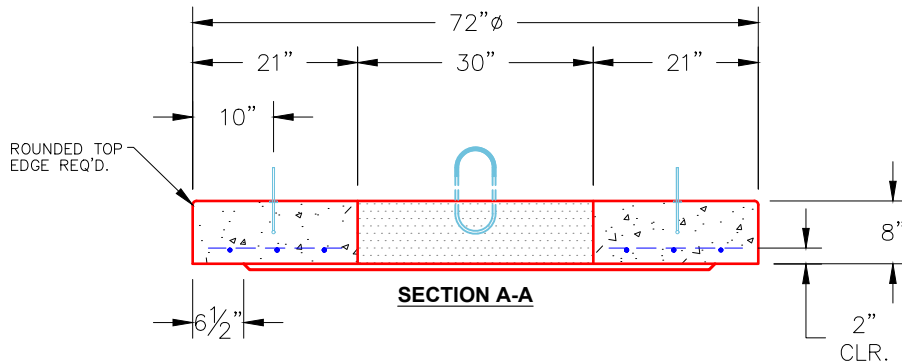
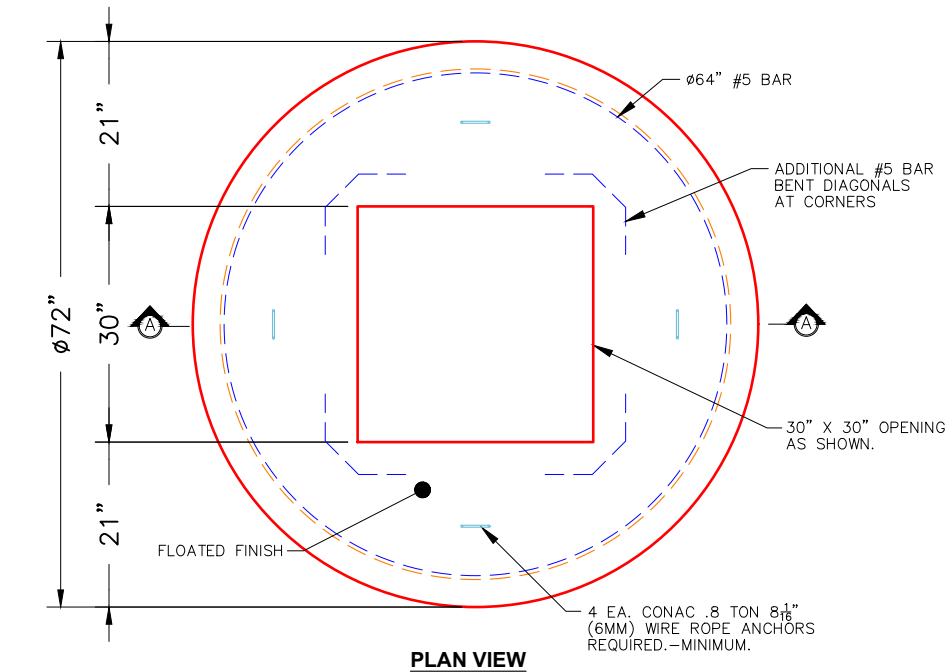
MH FLAT TOP w/30"x30" Hole F/F

- P3) 30" x 30" - CASTING HEIGHT - 7.50"
- P2) 60" - MH FLAT TOP w/30"x30" Hole F/F - 8"
- P1) 60" - MH BASE F/n - 60"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 1) 60" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 3) Hole - 32
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 2239 lb
 7727 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 10216 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET).
 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: Flat

Wall Thickness: 6"

Height (Ext): 8"

Weight (Net): 2239 lb
 Volume (Net): 0.57cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
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Plant: 100
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Tech: Jared - F
 PC: T. Lewis



Structure ID: 112-4 ST-CI

P1 MH048BAVF

MH BASE Custom Ht T/n

- P3) 30" x 30" - CASTING HEIGHT - 7.50"
- P2) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 67"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 1) 48" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 32
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 1350 lb
 5284 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 6884 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET).

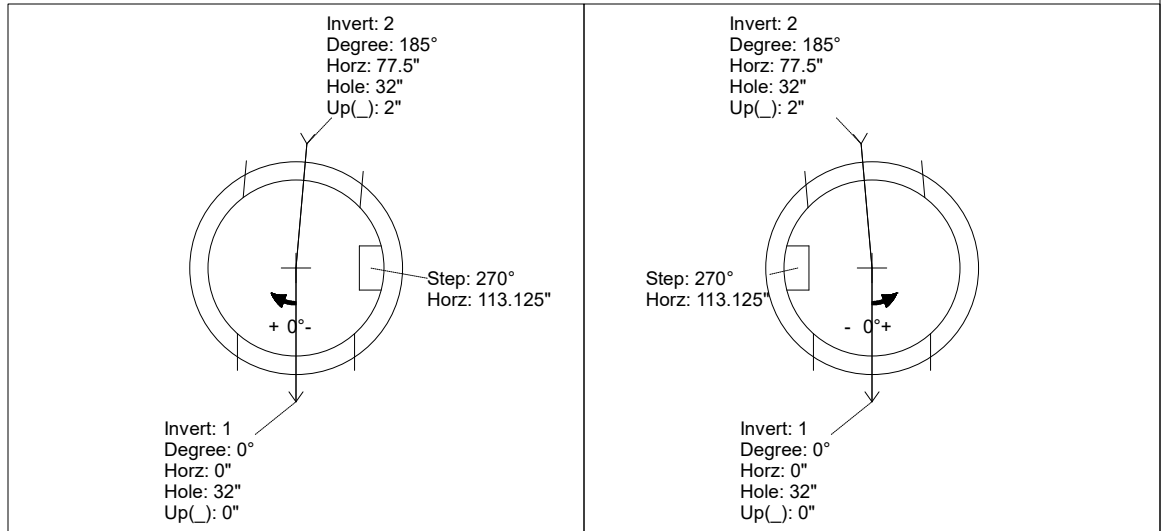
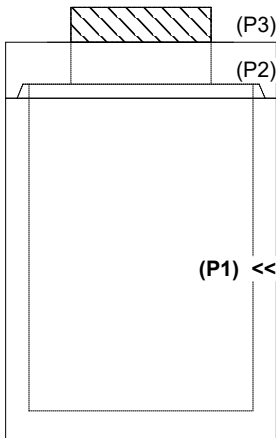
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 555.55' Rim to Invert: 7' Slack: 0.5" Sump: 3" Step Position: 270°

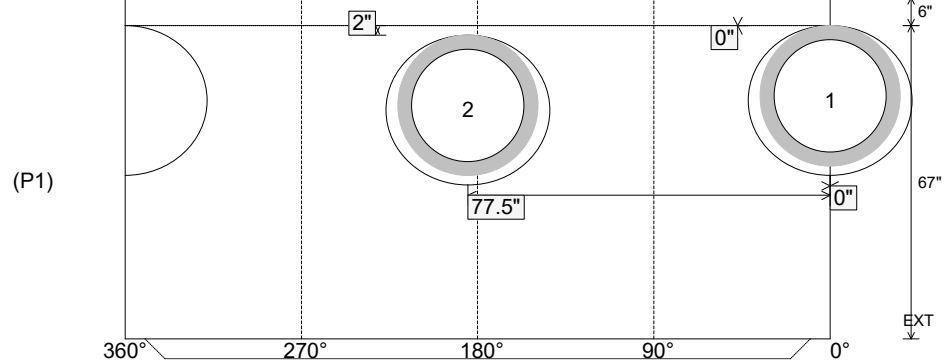
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	548.55'	0°	0"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 2	548.72'	185°	93.625"	24" RCP B WALL	30"	Hole 32	32"	35.027"	2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 67"
 Height (Ext): 73"

Weight (Net): 5284 lb
 Volume (Net): 1.35cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
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Plant: 100

Tech: Jared - F

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PC: T. Lewis

Structure ID: 112-4 ST-CI

P2 MH048LD12S

MH FLAT TOP w/30"x30" Hole F/G

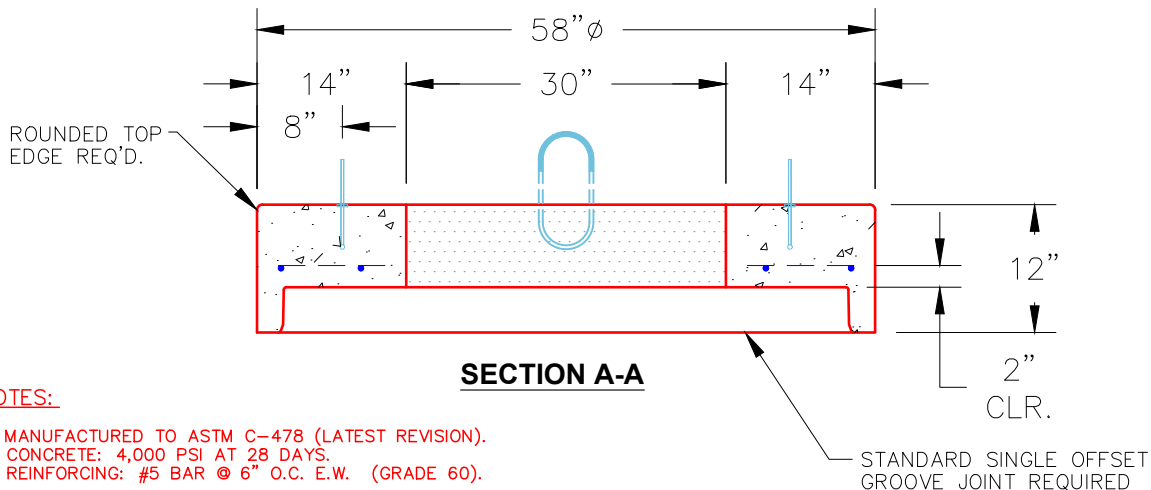
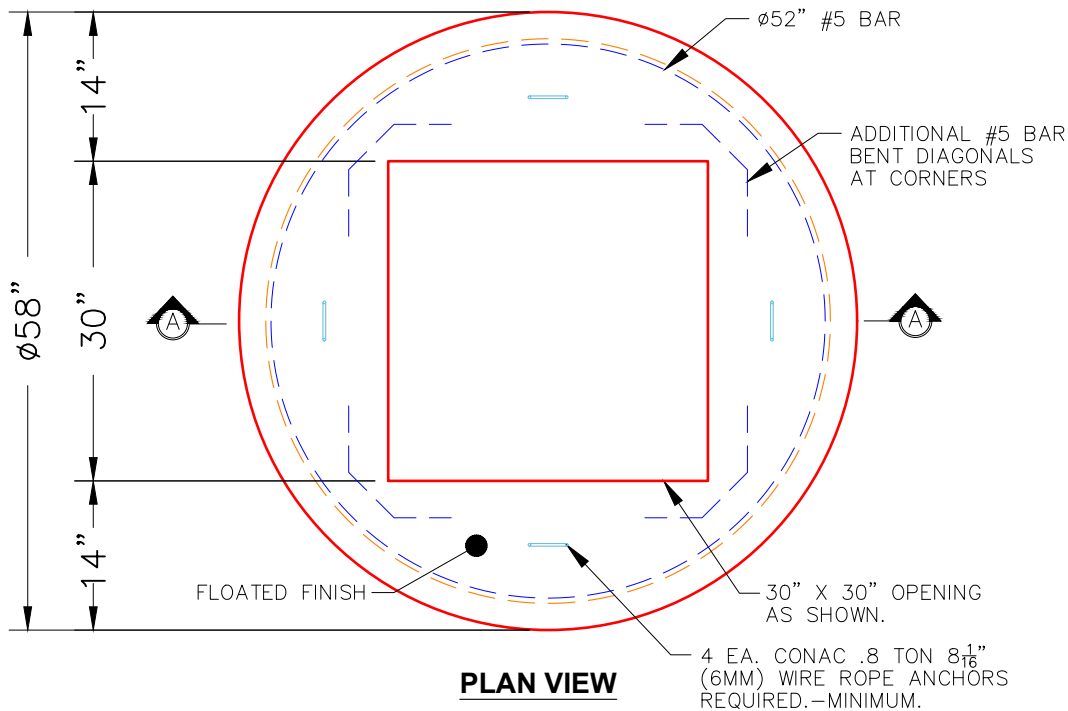
- P3) 30" x 30" - CASTING HEIGHT - 7.50"
- P2) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 67"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 1) 48" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 32
- 5) MH Step ML-10-TDS-NCR - 10"

0 lb
 1350 lb
 5284 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 6884 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET).

 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.



- 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: 5"

Height (Ext): 12"

Weight (Net): 1350 lb
 Volume (Net): 0.33cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
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Tech: Jared - F
 PC: T. Lewis



Structure ID: 113-5 ST-MH

P1 MH048BA72

MH BASE T/n

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 42"
- P1) 48" - MH BASE T/n - 72"
- 1) CASTING - JBS 1150 F/C STORM
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 32
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb
 3200 lb
 5633 lb
 250 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 9083 lb

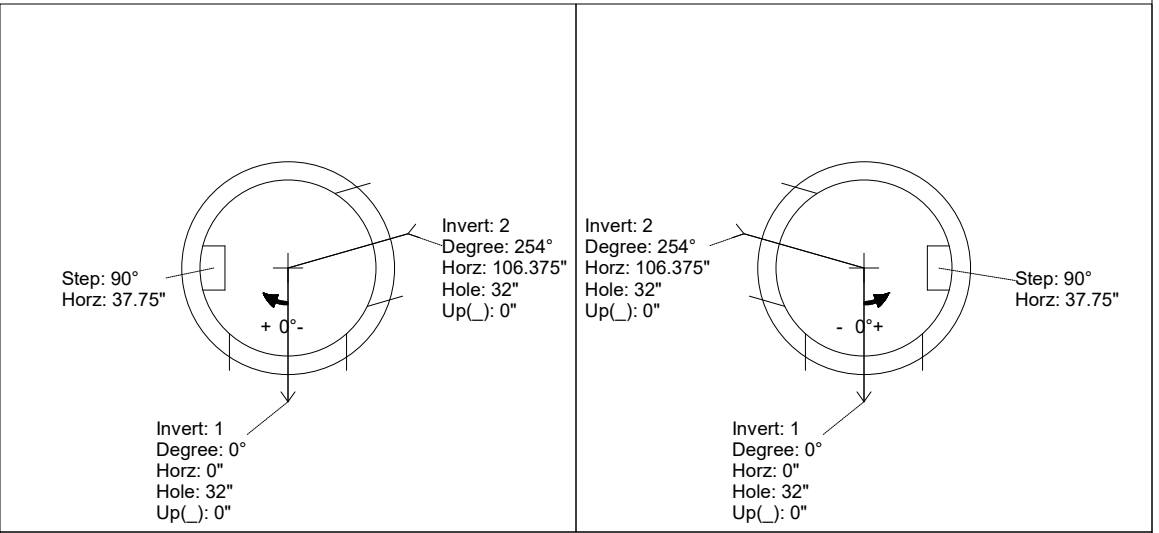
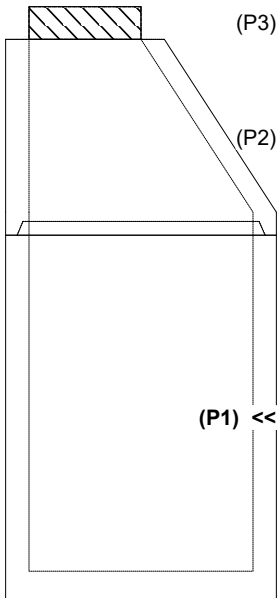
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 1150 F/C STORM).
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 560.1' Rim to Invert: 9.94' Slack: 1.28" Sump: 3" Step Position: 90

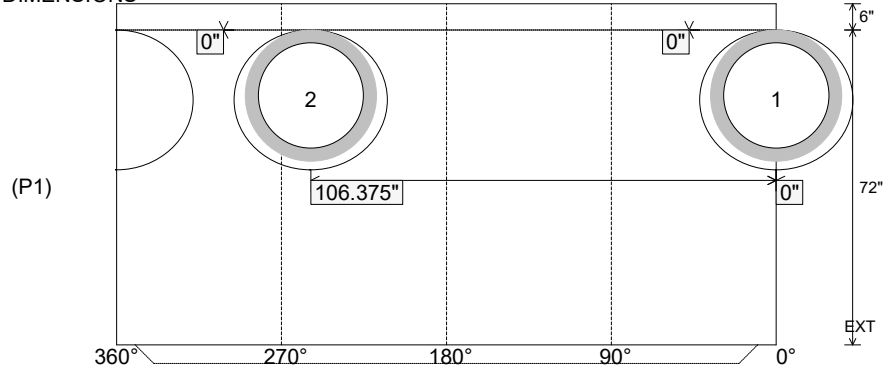
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	550.16'	0°	0"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 2	550.16'	254°	128.5"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 72"
 Height (Ext): 78"

Weight (Net): 5633 lb
 Volume (Net): 1.44cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
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Plant: 100
 4/13/2026 7:06:20 PM

Tech: Jared - F
 PC: T. Lewis

Structure ID: 113-5 ST-MH

P2 MH048CN42

ECC CONE w/ 24" HOLE F/G

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - ECC CONE w/ 24" HOLE F/G - 42"
- P1) 48" - MH BASE T/n - 72"
- 1) CASTING - JBS 1150 F/C STORM
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 32
- 6) MH Step ML-10-TDS-NCR - 10"

0 lb
 3200 lb
 5633 lb
 250 lb
 0 lb
 0 lb
 0 lb

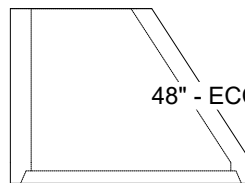
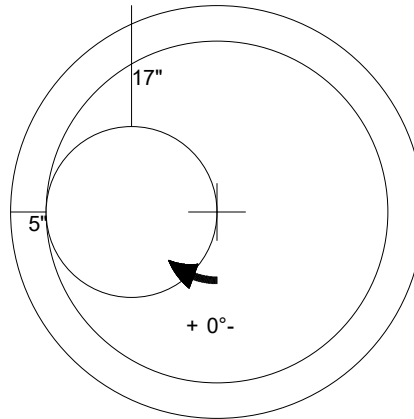
 9083 lb

Structure Total:

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 1150 F/C STORM).

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



48" - ECC CONE w/ 24" HOLE F/G - 42" - (P2)

Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 42"

Weight (Net): 3200 lb
 Volume (Net): 0.5cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:12 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 114-6 ST-CI

P1 MH048BA48

MH BASE T/n

- P4) 30" x 30" - CASTING HEIGHT - 7.50"
- P3) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"
- P2) 48" - MH RISER T/G - 36"
- P1) 48" - MH BASE T/n - 48"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 2) 48" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 32
- 7) MH Step ML-10-TDS-NCR - 10"

0 lb
 1350 lb
 2515 lb
 3957 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 8072 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET).

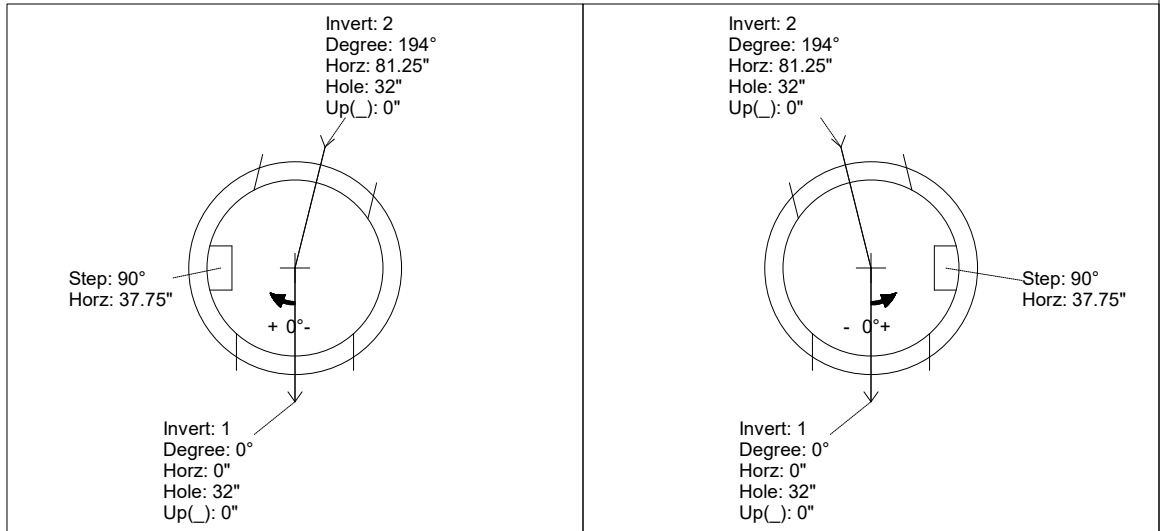
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 559.18' Rim to Invert: 8.56' Slack: 2.22' Sump: 3" Step Position: 90

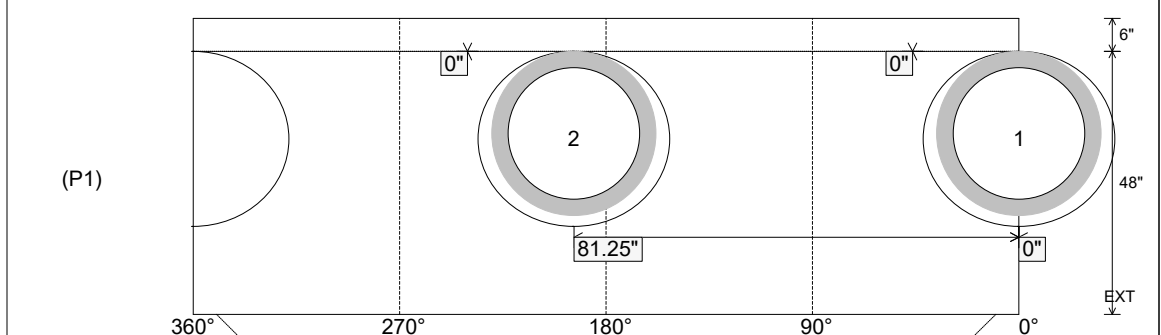
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	550.62'	0°	0"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 2	550.62'	194°	98.25"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



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): 3957 lb
 Volume (Net): 1.01cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
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 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:42 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 114-6 ST-CI

P2 MH048RS36

MH RISER T/G

- P4) 30" x 30" - CASTING HEIGHT - 7.50"
- P3) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"
- P2) 48" - MH RISER T/G - 36"
- P1) 48" - MH BASE T/n - 48"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 2) 48" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 32
- 7) MH Step ML-10-TDS-NCR - 10"

0 lb
 1350 lb
 2515 lb
 3957 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 8072 lb

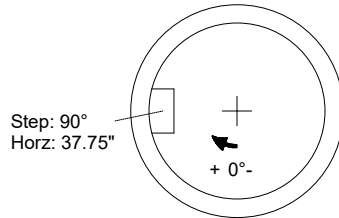
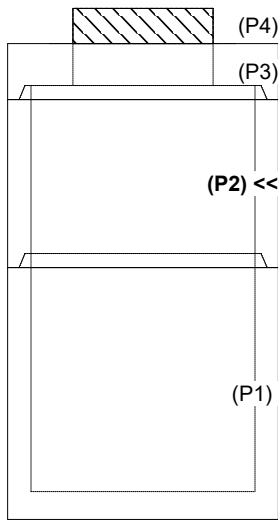
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET).

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

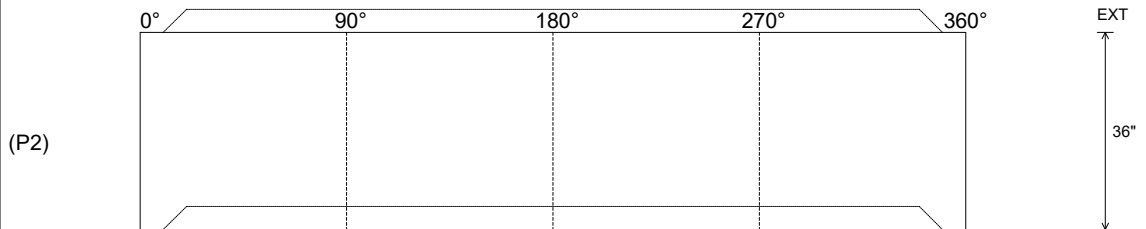
Rim: 559.18' Rim to Invert: 8.56' Slack: 2.22" Sump: 3" Step Position: 90

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

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 36" Height (Ext): 36"	Weight (Net): 2515 lb Volume (Net): 0.64cu.yd
----------------------------------	------------------------------------	--	--	--

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:06:20 PM

Tech: Jared - F
 PC: T. Lewis

Structure ID: 114-6 ST-CI

P3 MH048LD12S

MH FLAT TOP w/30"x30" Hole F/G

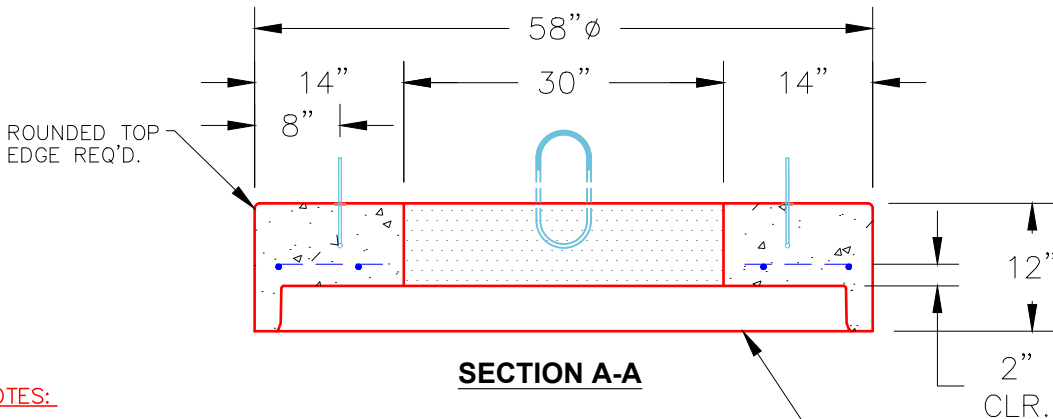
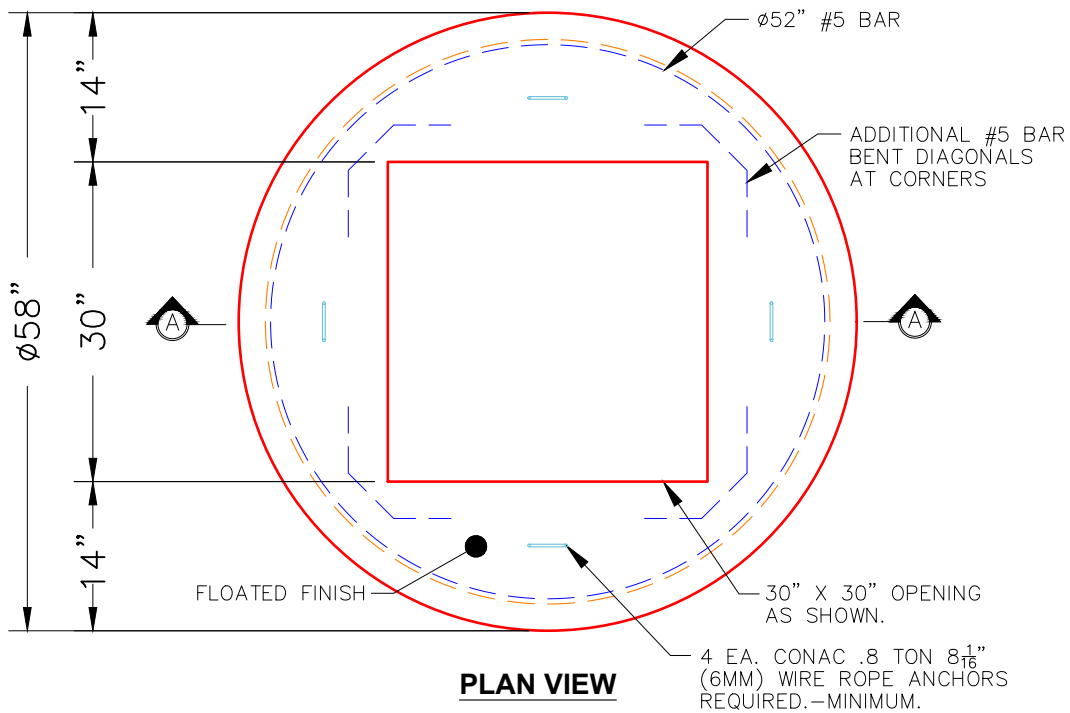
- P4) 30" x 30" - CASTING HEIGHT - 7.50"
- P3) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"
- P2) 48" - MH RISER T/G - 36"
- P1) 48" - MH BASE T/n - 48"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 2) 48" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 32
- 7) MH Step ML-10-TDS-NCR - 10"

0 lb
 1350 lb
 2515 lb
 3957 lb
 250 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 8072 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET).

 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.



- 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: 5"

Height (Ext): 12"

Weight (Net): 1350 lb
 Volume (Net): 0.33cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:13 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 115-7 ST-AD

P1 BX3648-08BAVF

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

- P3) 30" x 30" - CASTING HEIGHT - 4"
- P2) 36" x 48" - CB FLAT TOP 8"W w/30"x30" HOLE F/F - 8"
- P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 46"
- 1) CASTING - JBS 4315 F/G
- 1) 36" x 48" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 3) Hole - 32

0 lb
 1630 lb
 6707 lb
 500 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 8837 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 4315 F/G).

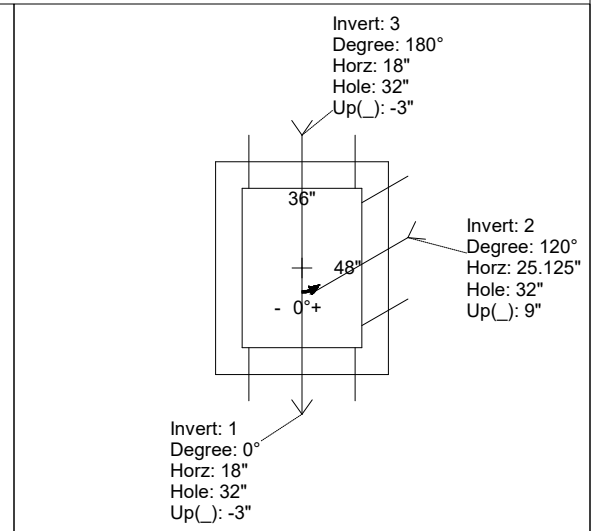
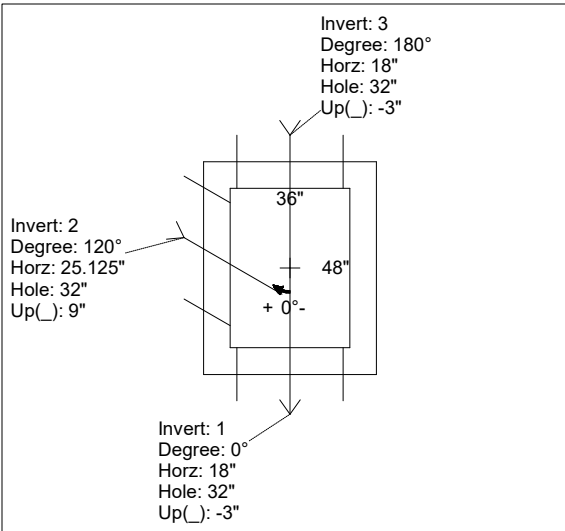
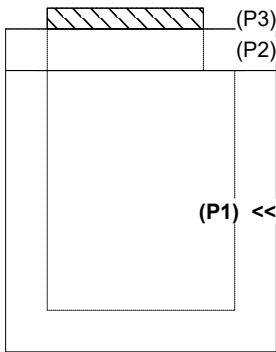
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 556.44' Rim to Invert: 4.89' Slack: 0.68' Sump: 0' Step Position:

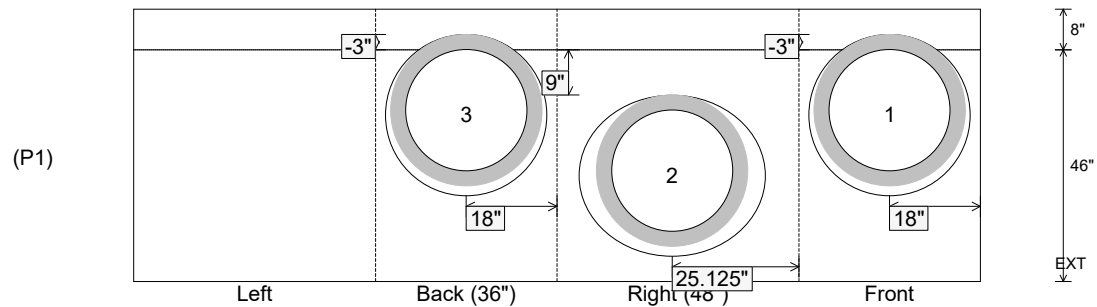
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	551.55'	0°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 2	552.55'	120°	37.75"	24" RCP B WALL	30"	Hole 32	32"	36.95"	9"	-8"
Invert 3	551.55'	180°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

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

Weight (Net): 6707 lb
 Volume (Net): 1.71cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:06:21 PM

Tech: Jared - F
 PC: T. Lewis

Structure ID: 115-7 ST-AD

P2 BX036048-08LD08-30X30

CB FLAT TOP 8"W w/30"x30" HOLE F/F

- P3) 30" x 30" - CASTING HEIGHT - 4"
- P2) 36" x 48" - CB FLAT TOP 8"W w/30"x30" HOLE F/F - 8"
- P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 46"
- 1) CASTING - JBS 4315 F/G
- 1) 36" x 48" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 3) Hole - 32

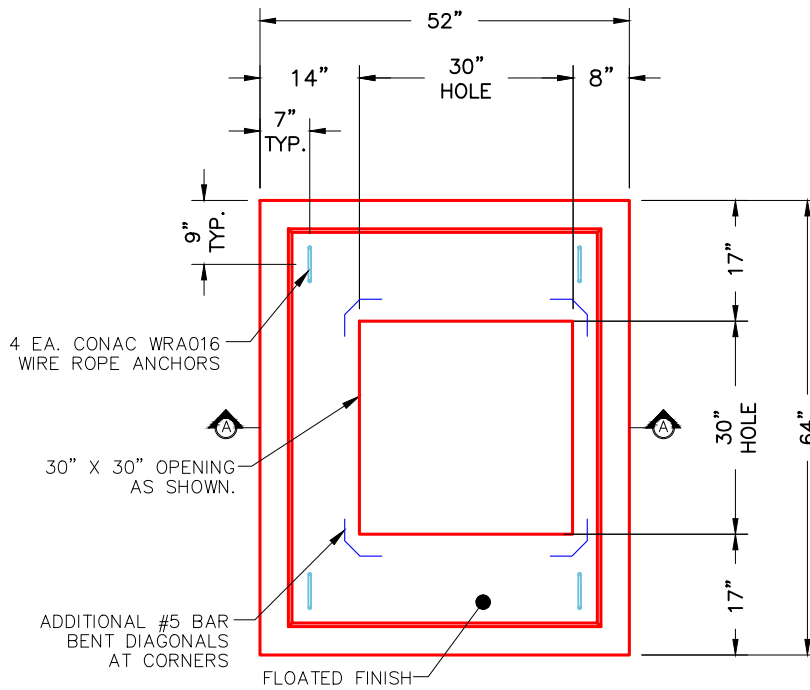
0 lb
 1630 lb
 6707 lb
 500 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 8837 lb

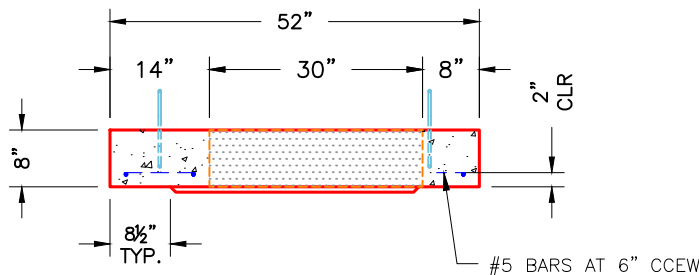
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 4315 F/G).

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



PLAN VIEW



SECTION A-A

NOTES:

1. MANUFACTURED TO ASTM C-913 (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: Flat

Wall Thickness: 8"

Height (Ext): 8"

Weight (Net): 1630 lb
 Volume (Net): 0.42cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:15 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 117-9 ST-CI

P1 BX3030-06VH

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

- P2) 30" x 30" - CASTING HEIGHT - 7.50"
- P1) 30" x 30" - BOX BASE 6inW, 6inF, Variable Ht F/n - 44"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 1) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 32"

0 lb
 3471 lb
 250 lb
 0 lb
 0 lb

 Structure Total: 3721 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET)

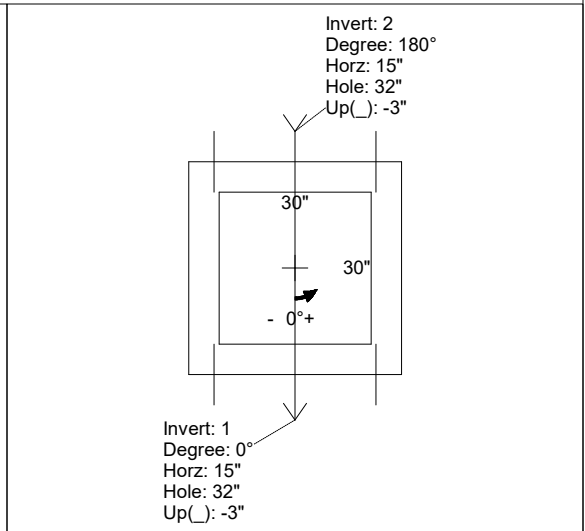
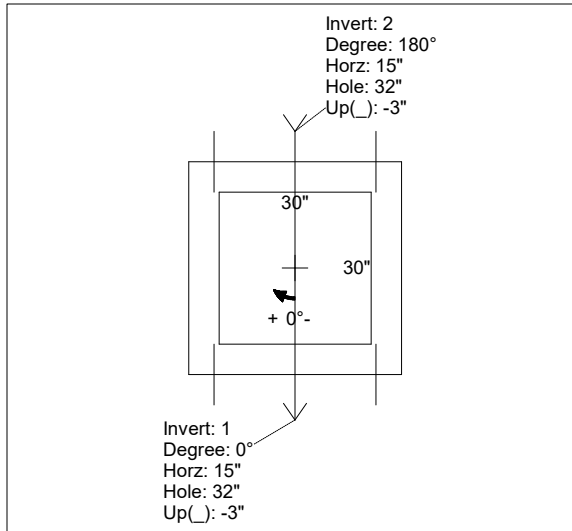
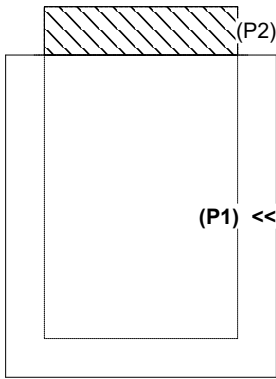
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 557.15' Rim to Invert: 4.37' Slack: 0.94" Sump: 0" Step Position:

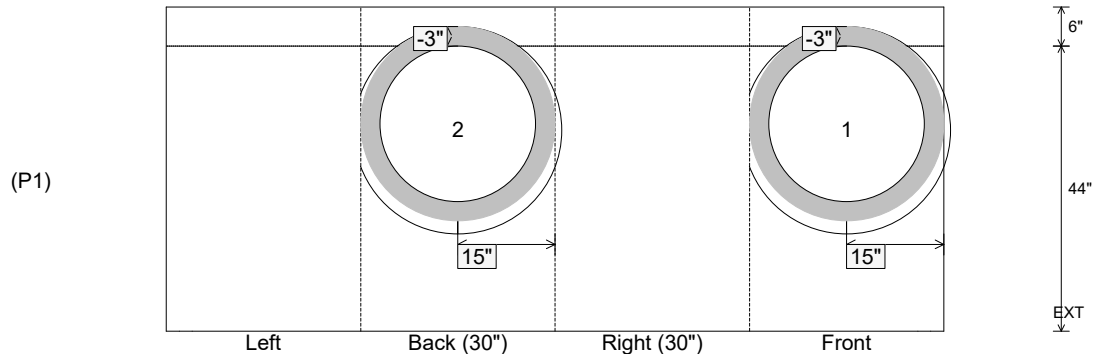
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	552.78'	0°	21"	24" RCP B WALL	30"	Hole 32	32"	31"	-3"	0"
Invert 2	552.78'	180°	21"	24" RCP B WALL	30"	Hole 32	32"	31"	-3"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 44"
 Height (Ext): 50"

Weight (Net): 3471 lb
 Volume (Net): 0.89cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:16 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 118-10 ST-CI

P1 BX3030-06VH

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

- P2) 30" x 30" - CASTING HEIGHT - 7.50"
- P1) 30" x 30" - BOX BASE 6inW, 6inF, Variable Ht F/n - 40"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 1) 30" x 30" - Conseal CS-102 1.00"
- 2) Hole - 32"

0 lb
 3181 lb
 250 lb
 0 lb
 0 lb

 Structure Total: 3431 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET)

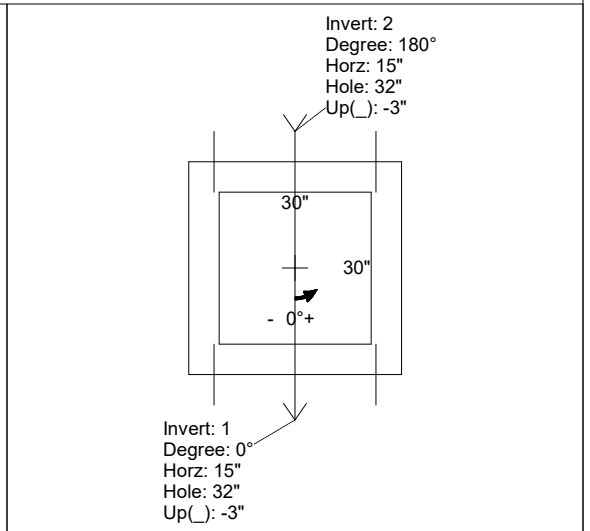
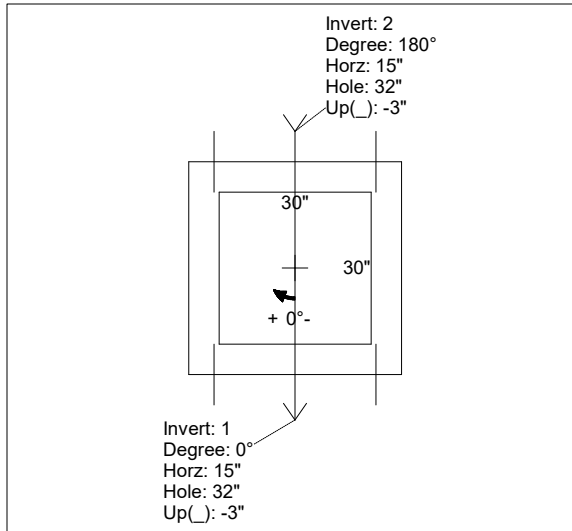
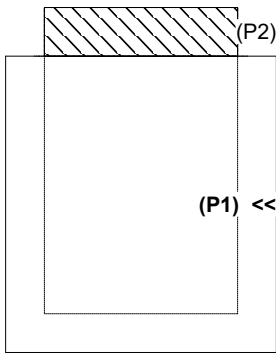
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 557.34' Rim to Invert: 4.03' Slack: 0.86" Sump: 0" Step Position:

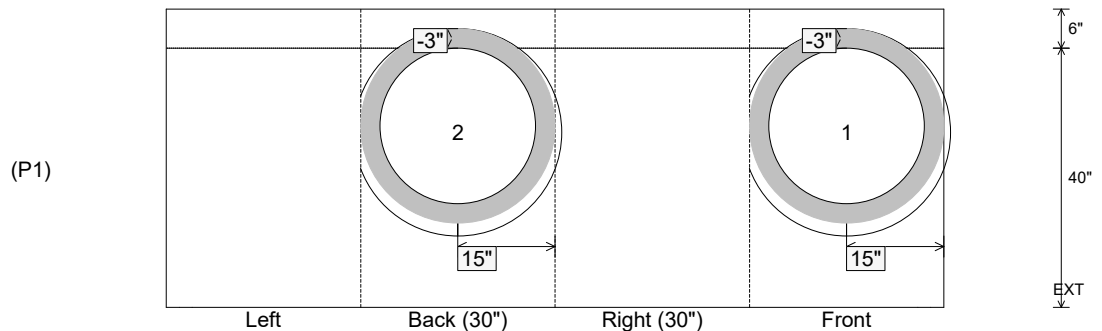
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	553.31'	0°	21"	24" RCP B WALL	30"	Hole 32	32"	31"	-3"	0"
Invert 2	553.31'	180°	21"	24" RCP B WALL	30"	Hole 32	32"	31"	-3"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 40"
 Height (Ext): 46"

Weight (Net): 3181 lb
 Volume (Net): 0.81cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:17 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 119-11 ST-DCI

P1 BX28640606-VH

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

- P2) 28" x 64" - CASTING HEIGHT - 7.50"
- P1) 28" x 64" - BOX BASE 6inW, 6inF, Variable Ht F/n - 40"
- 1) CASTING - JBS 3300 F/G/H - Double Curb Inlet
- 1) 28" x 64" - Conseal CS-102 1.00"
- 2) Hole - 32
- 2) LINTEL BAR SLOT n/n - 7"x1"

0 lb
 5105 lb
 500 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5605 lb

- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - DOUBLE CURB INLET).

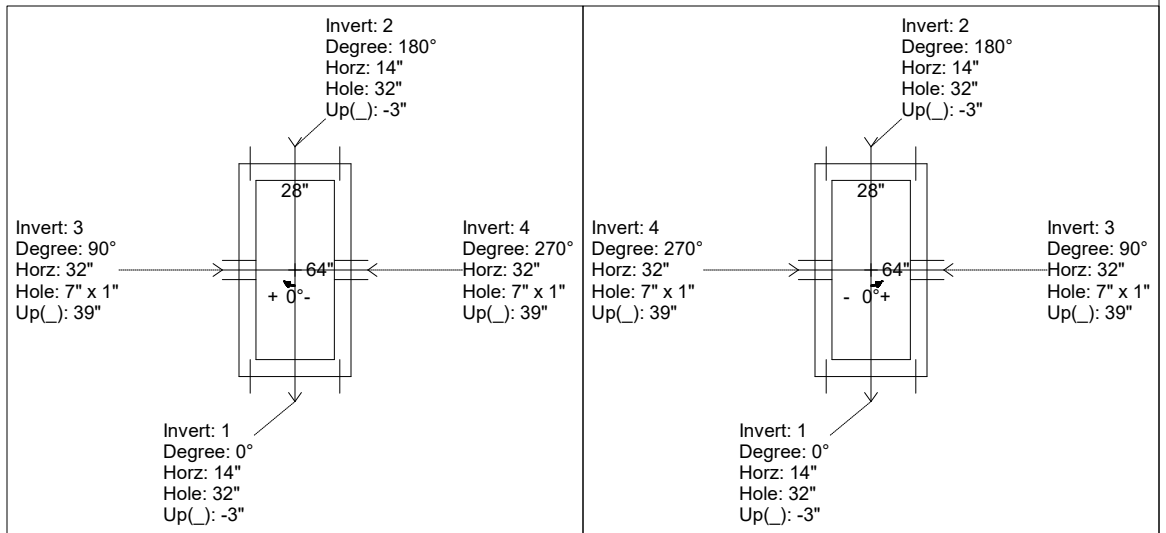
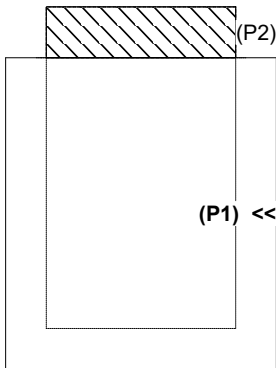
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 557.85' Rim to Invert: 3.97' Slack: 0.14" Sump: 0" Step Position:

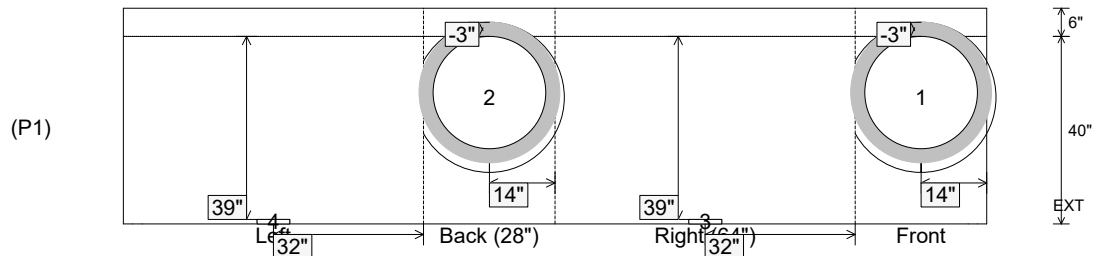
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	553.88'	0°	20"	24" RCP B WALL	30"	Hole 32	32"	30"	-3"	0"
Invert 2	553.88'	180°	20"	24" RCP B WALL	30"	Hole 32	32"	30"	-3"	0"
Invert 3	557.13'	90°	38"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	39"	0"
Invert 4	557.13'	270°	38"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	39"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 40"
 Height (Ext): 46"

Weight (Net): 5105 lb
 Volume (Net): 1.3cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:20 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 120-12 ST-TCI

P1 BX2896-06BVF

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

- P2) 28" x 96" - CASTING HEIGHT - 7.5"
- P1) 28" x 96" - BOX BASE 6inW, 6inF, Variable Ht F/n - 43"
- 1) Conseal CS-102 1.00" (Single)
- 1) CASTING - JBS 3300 F/G/H - Triple Curb Inlet
- 2) Hole - 32
- 4) LINTEL BAR SLOT n/n - 7"x1"

0 lb
 7442 lb
 0 lb
 750 lb
 0 lb
 0 lb

 Structure Total: 8192 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - TRIPLE CURB INLET).

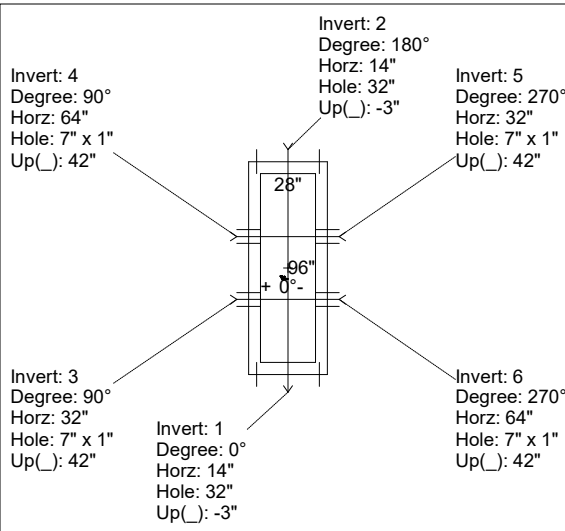
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 558.74' Rim to Invert: 4.25' Slack: 0.5' Sump: 0' Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	554.49'	0°	20"	24" RCP B WALL	30"	Hole 32	32"	30"	-3"	0"
Invert 2	554.49'	180°	20"	24" RCP B WALL	30"	Hole 32	32"	30"	-3"	0"
Invert 3	557.985'	90°	38"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	42"	-16"
Invert 4	557.985'	90°	70"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	42"	16"
Invert 5	557.985'	270°	38"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	42"	-16"
Invert 6	557.985'	270°	70"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	42"	16"
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

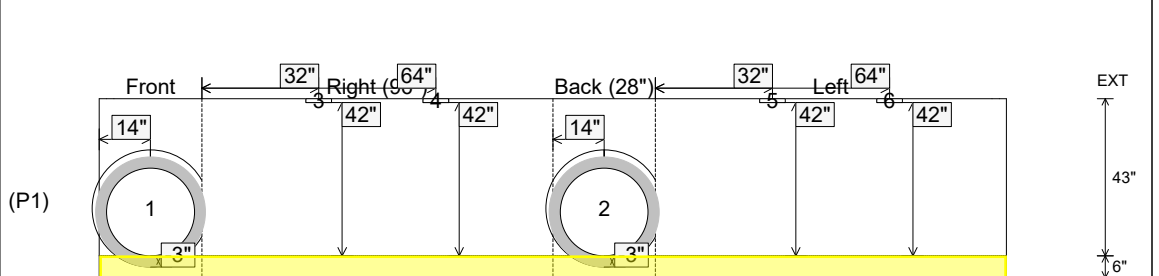


**1ST POUR (FLOOR) = 2,175 LBS
 2ND POUR (WALLS) = 5,267 LBS**



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

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 43"
 Height (Ext): 49"

Weight (Net): 7442 lb
 Volume (Net): 1.9cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:20 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 120-12 ST-TCI

P1 BX2896-06BVF

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

- P2) 28" x 96" - CASTING HEIGHT - 7.5"
- P1) 28" x 96" - BOX BASE 6inW, 6inF, Variable Ht F/n - 43"
- 1) Conseal CS-102 1.00" (Single)
- 1) CASTING - JBS 3300 F/G/H - Triple Curb Inlet
- 2) Hole - 32
- 4) LINTEL BAR SLOT n/n - 7"x1"

0 lb
 7442 lb
 0 lb
 750 lb
 0 lb
 0 lb

 Structure Total: 8192 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - TRIPLE CURB INLET).

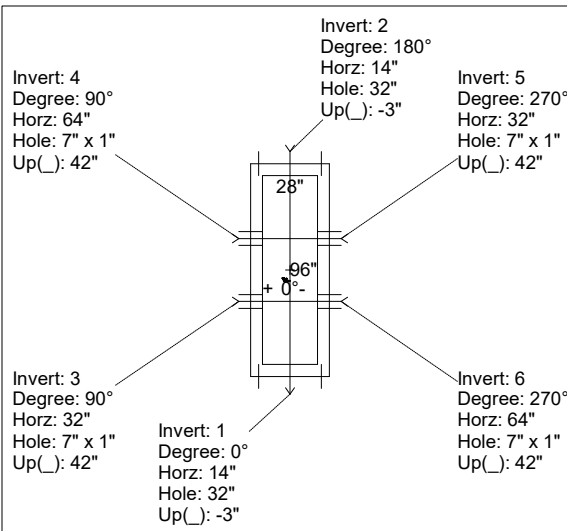
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 558.74' Rim to Invert: 4.25' Slack: 0.5' Sump: 0' Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	554.49'	0°	20"	24" RCP B WALL	30"	Hole 32	32"	30"	-3"	0"
Invert 2	554.49'	180°	20"	24" RCP B WALL	30"	Hole 32	32"	30"	-3"	0"
Invert 3	557.985'	90°	38"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	42"	-16"
Invert 4	557.985'	90°	70"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	42"	16"
Invert 5	557.985'	270°	38"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	42"	-16"
Invert 6	557.985'	270°	70"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	42"	16"
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

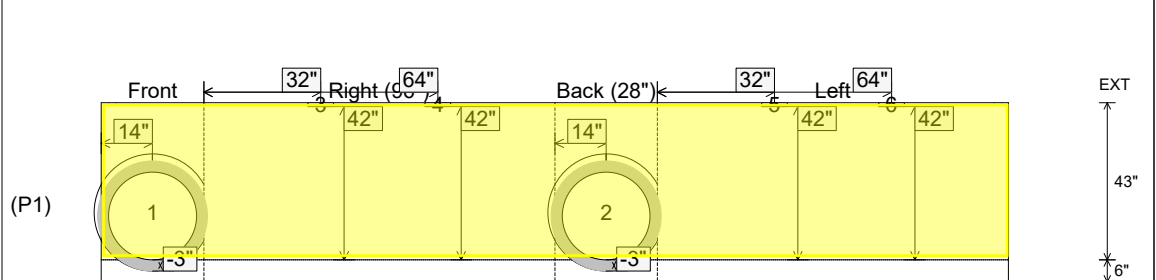


**1ST POUR (FLOOR) = 2,175 LBS
 2ND POUR (WALLS) = 5,267 LBS**



2ND POUR (WALLS)

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 43"
 Height (Ext): 49"

Weight (Net): 7442 lb
 Volume (Net): 1.9cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:20 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 125-13 ST-AD

P1 MH048BAVF

MH BASE Custom Ht T/n

- P3) 24" - CASTING HEIGHT - 4"
- P2) 48" - MH FLAT TOP w/ 24" Center Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 44"
- 1) CASTING - JBS 2272 F/G
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 32
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 1580 lb
 4041 lb
 250 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 5871 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 2272 F/G).

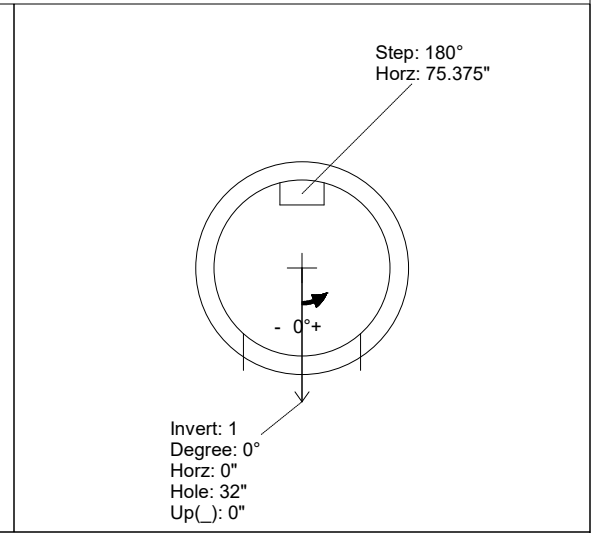
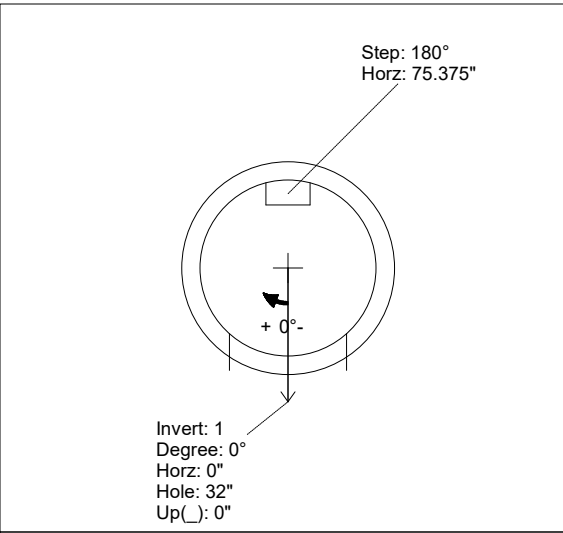
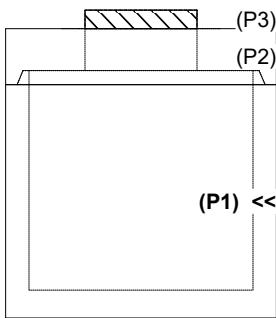
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 561' Rim to Invert: 4.79' Slack: 0.48" Sump: 3" Step Position: 180°

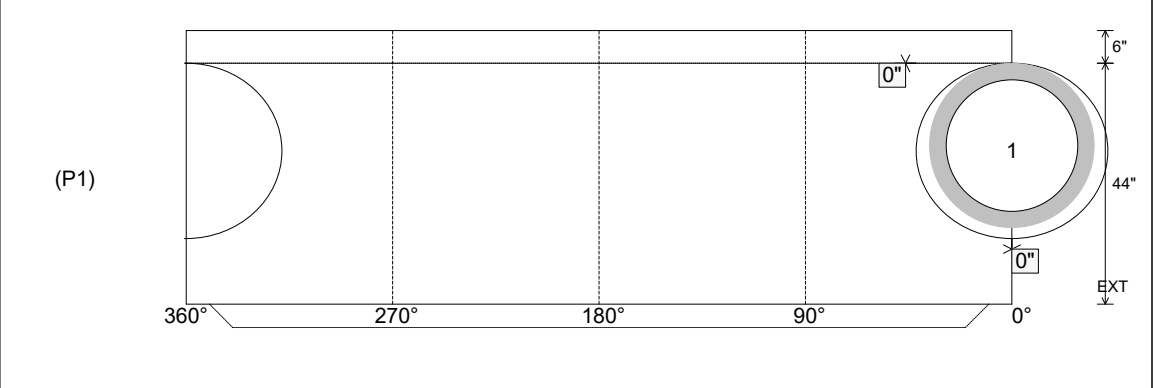
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	556.21'	0°	0"	24" RCP B WALL	30"	Hole 32	32"	35.027"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 44"
 Height (Ext): 50"

Weight (Net): 4041 lb
 Volume (Net): 1.03cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:06:21 PM

Tech: Jared - F
 PC: T. Lewis

Structure ID: 125-13 ST-AD

P2 MH048LD12CC

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

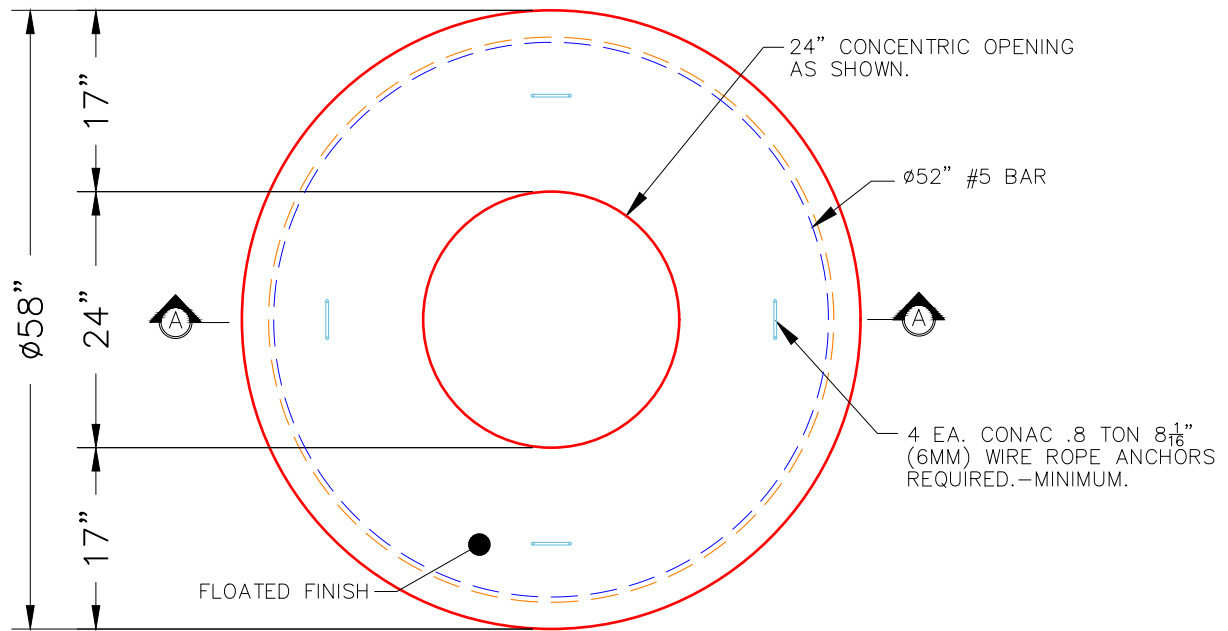
- P3) 24" - CASTING HEIGHT - 4"
- P2) 48" - MH FLAT TOP w/ 24" Center Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 44"
- 1) CASTING - JBS 2272 F/G
- 1) 48" - Conseal CS-102 1.00"
- 1) Hole - 32
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 1580 lb
 4041 lb
 250 lb
 0 lb
 0 lb
 0 lb

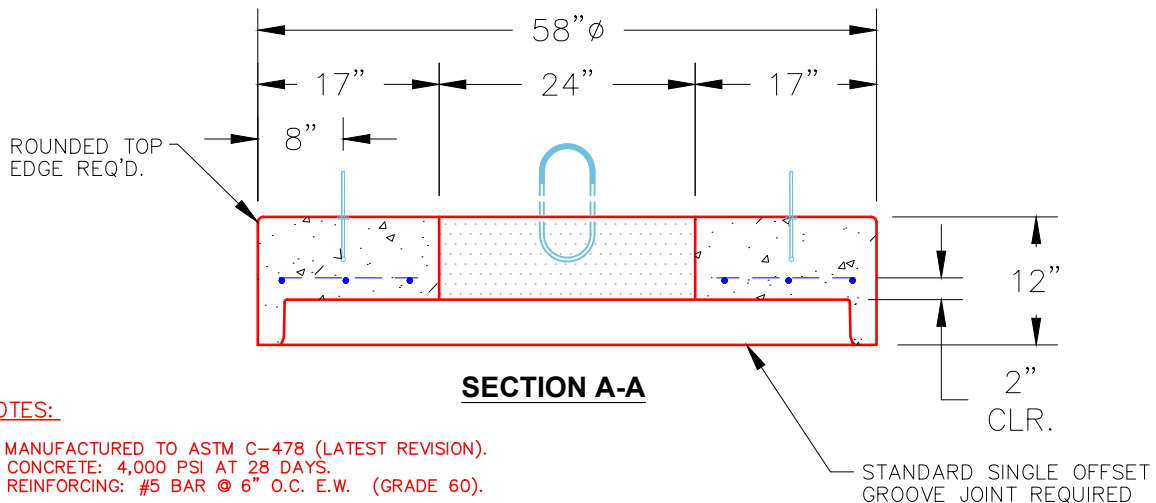
 Structure Total: 5871 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 2272 F/G).

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.



PLAN VIEW



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: 5"

Height (Ext): 12"

Weight (Net): 1580 lb
 Volume (Net): 0.39cu.yd

Job Name: 26-1303 - Hale Ave & Woods Ferry Rd. Stormwater
 Job Location: Gallatin, TN 37066
 Contractor: Stewart Richey

Plant: 100
 4/13/2026 7:05:22 PM

Tech: Jared - F
 PC: T. Lewis



Structure ID: 122-15 ST-CI

P1 BX3030-06BA60

BOX BASE 6inW, 6inF F/n

- P2) 30" x 30" - CASTING HEIGHT - 7.50"
- P1) 30" x 30" - BOX BASE 6inW, 6inF F/n - 60"
- 1) CASTING - JBS 3300 F/G/H - Single Curb Inlet
- 1) 30" x 30" - Conseal CS-102 1.00"
- 1) Hole - 26

0 lb
 4971 lb
 250 lb
 0 lb
 0 lb

 Structure Total: 5221 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3300 F/G/H - SINGLE CURB INLET)

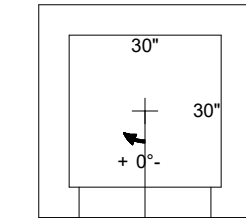
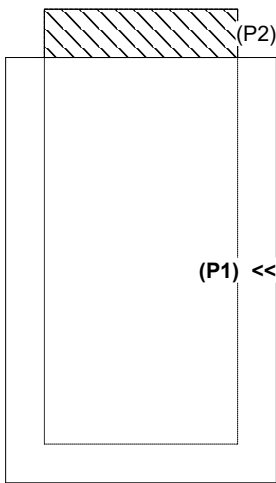
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 555.55' Rim to Invert: 5.69' Slack: 0.78" Sump: 0" Step Position:

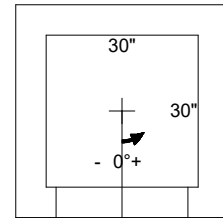
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	549.86'	0°	21"	18" RCP B WALL	23"	Hole 26	26"	26"	-2.5"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

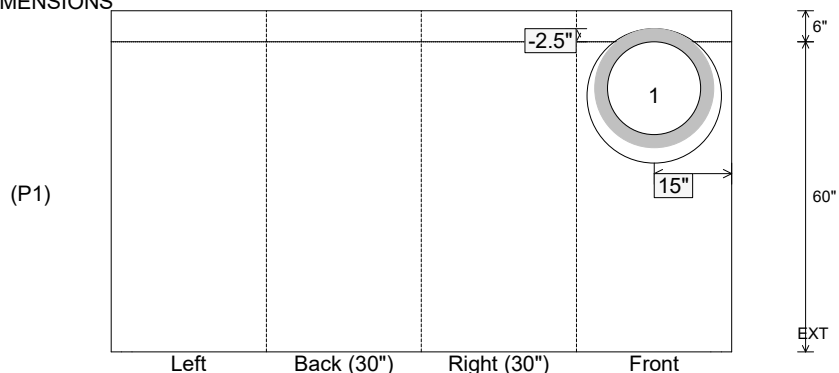


Invert: 1
 Degree: 0°
 Horz: 15"
 Hole: 26"
 Up(): -2.5"



Invert: 1
 Degree: 0°
 Horz: 15"
 Hole: 26"
 Up(): -2.5"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

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

Weight (Net): 4971 lb
 Volume (Net): 1.27cu.yd



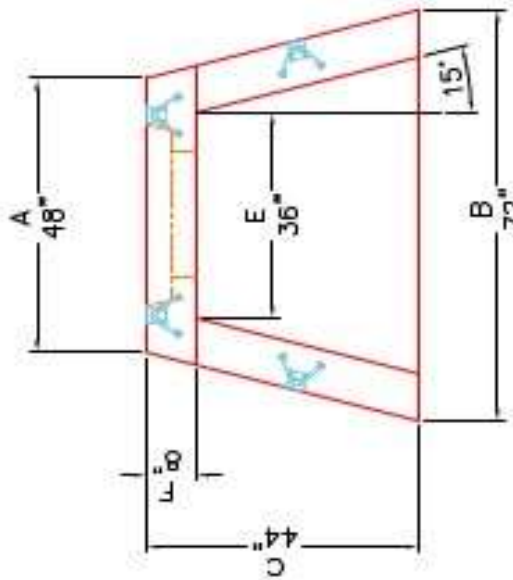
Structure ID: 123-16 HW

P1 HWBW24F

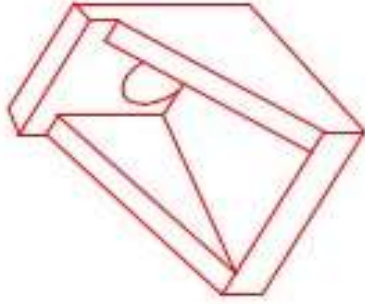
24" - HW BW w/FLAT BOTTOM F/F

DIMENSIONS & QUANTITIES

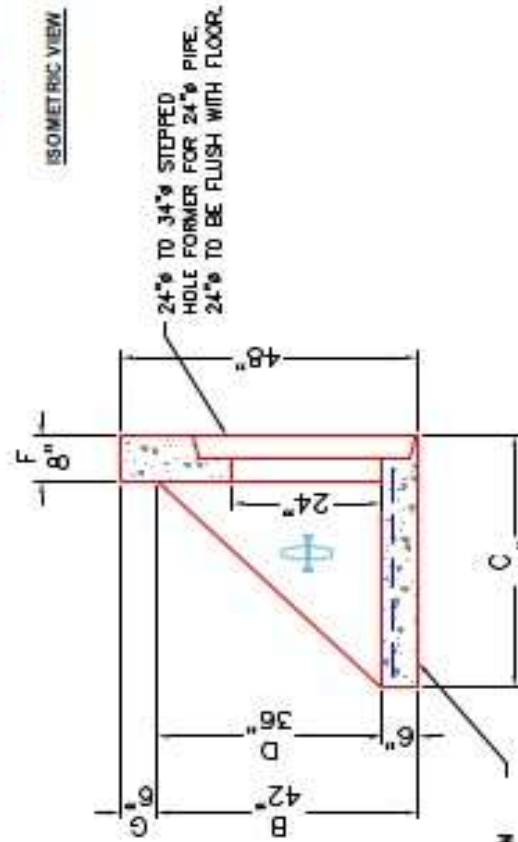
TYPE	PIPE Ø	A	B	C	D	E	F	G	WEIGHT
BW	24"	4'-0"	6'-0"	3'-5"	3'-0"	3'-0"	6"	6"	3,100 LBS.



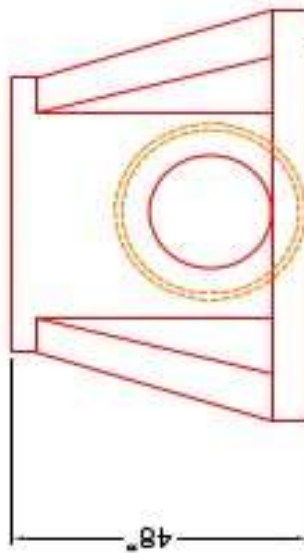
PLANVIEW



ISOMETRIC VIEW



SECTION A-A



FRONT ELEVATION

FLAT BOTTOM NOT TOE

24" TO 34" STOPPED HOLE FORMER FOR 24" PIPE. 24" TO BE FLUSH WITH FLOOR.

NOTES:

1. CONCRETE: 4500 PSI AT 28 DAYS MIN. STRENGTH.
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.

PRODUCTION WORK ORDER

QUALITY CONTROL CHECKLIST

- ALL DIMENSIONS CORRECT.
- UTTERS INSTALLED.
- STOPPED HF CORRECT SIZE.
- REINFORCING CORRECT.
- CLEARANCE ON REINFORCING CORRECT.
- EDGES CHAMFERED.
- ALL PATCHWORK ACCEPTABLE.



PRODUCT I.D.: HWBW24F	DESCRIPTION: 24in BW HEADWALL FLAT BOTTOM
PRODUCT VIEW: RIGHT SIDE UP	CUSTOMER: STOCK
PLANT: BEAVER DAM, KY.	PROJECT: T.B.D.
WEIGHT: 3,475 LBS.	STRUCTURE ID: T.B.D.
TOP SECTION JOINT: N/A	SALES ORDER NO: STOCK
BASE SECTION JOINT: N/A	CHECK: B. SMITH
QC CHECK INITIALS:	DRAWING: J. HORSLEY
	DATE: 06/04/24
	SCALE: NTS
	PG. 1 of 1

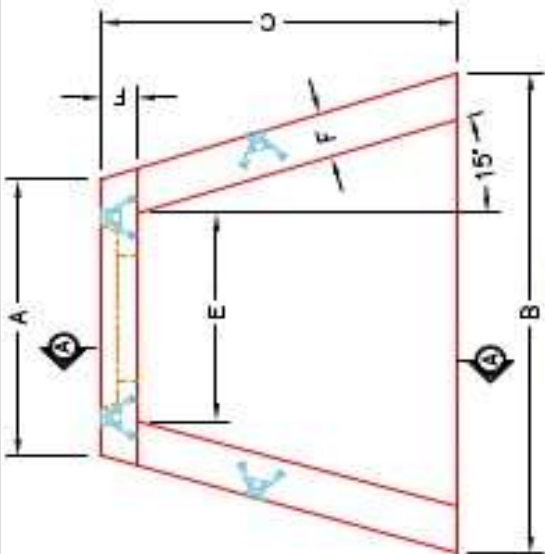


Structure ID: 124-17 HW

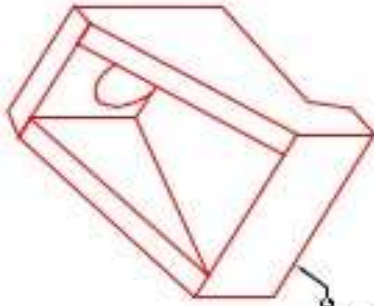
P1 HAWA15F

15" - HW AW w/FLAT BOTTOM F/F

DIMENSIONS & QUANTITIES									
TYPE	PIPE Ø	A	B	C	D	E	F	G	WEIGHT
AW	15"	2'-8"	4'-0"	2'-6"	2'-2"	2'-0"	6"	0"	1,380 LBS.

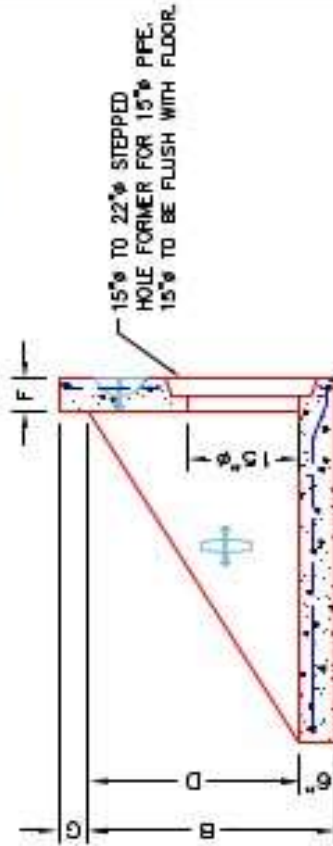


PLANVIEW

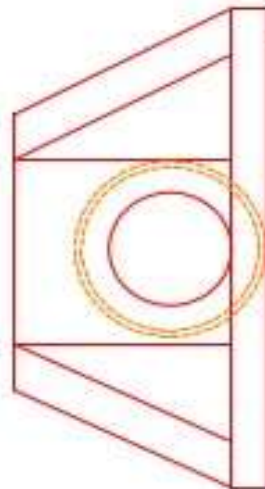


ISOMETRIC VIEW

WITH FOOTING
(SEE DETAIL)



SECTION A-A



FRONT ELEVATION

NOTES:

1. CONCRETE: 4500 PSI AT 28 DAYS MIN. STRENGTH.
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.

PRODUCTION WORK ORDER

- QUALITY CONTROL CHECKLIST**
- ALL DIMENSIONS CORRECT.
 - LIFTERS INSTALLED.
 - STEPPED HF CORRECT SIZE.
 - REINFORCING CORRECT.
 - CLEARANCE ON REINFORCING CORRECT.
 - EDGES CHAMFERED.
 - ALL PATCHWORK ACCEPTABLE.



DESCRIPTION: AW WINGED HEADWALL FOR 15" PIPE
CUSTOMER: STOCK
PROJECT: STOCK
STRUCTURE ID: STOCK
SALES ORDER NO: T.B.D.
CHECK: A. WELLS
DRAWING: J. HORSLEY
DATE: 09/25/24
SCALE: NTS
PG. 1 of 1

PRODUCT I.D.: HWA15F
PRODUCT VIEW: RIGHT SIDE UP
PLANT: BEAVER DAM, KY.
WEIGHT: 1,630 LBS.
TOP SECTION JOINT: N/A
BASE SECTION JOINT: N/A
QC CHECK INITIALS: