

Job Name: 25-3438 - John H. Stigall Drive
 Job Location: Danville, KY
 Contractor: Todd Johnson Contracting, Inc.

Plant: 100

Tech: J. Horsley - F

11/6/2025 4:41:51 PM

PC: C. Goff

Structure ID: B-1

P1 MH048BAVF

MH BASE Custom Ht T/n

- P3) 24" x 36" - CASTING HEIGHT - 12"
- P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 39"
- 1) **STORM INVERT CHANNEL - 1/2 HEIGHT**
- 1) CASTING - HOE 525 LV SET (F/G/H)
- 1) 48" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 22
- 3) MH Step ML-10-TDS-NCR - 10"

- 0 lb
- 1300 lb
- 3725 lb
- 1440 lb
- 442 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
- 0 lb
-
- Structure Total: 6907 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 525 LV SET (F/G/H)).

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.

**SECONDARY POUR
 REQUIRED
 SEE SHEET P1A**

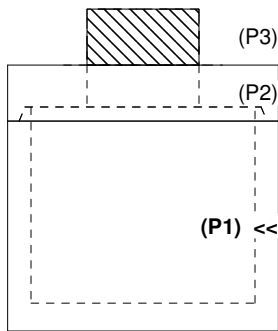
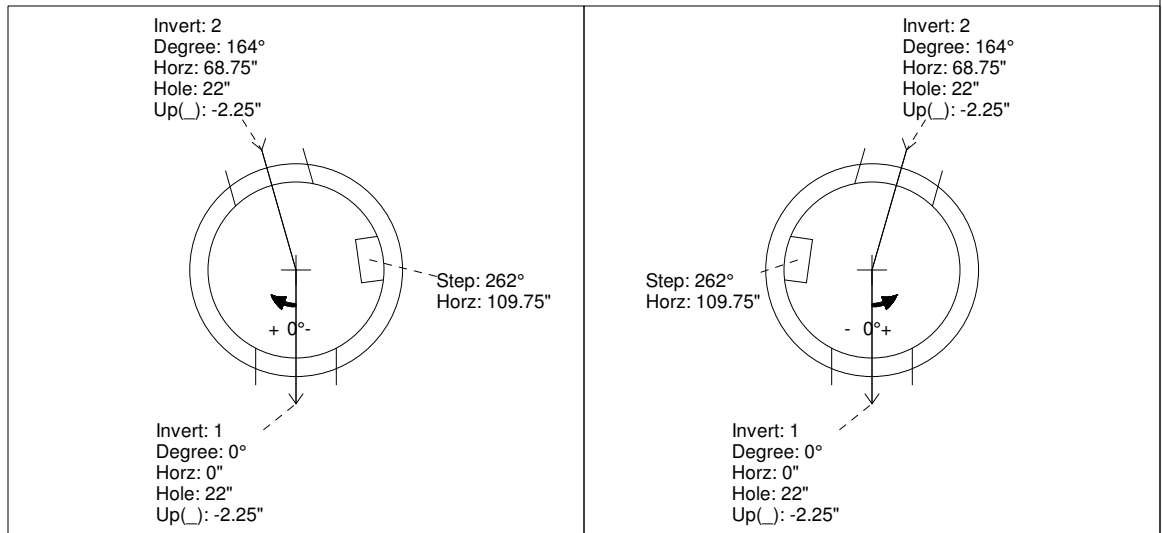
Structure Total: 6907 lb

Rim: 974.18' Rim to Invert: 5.31' Slack: 0.72" Sump: 0" Step Position: 262°

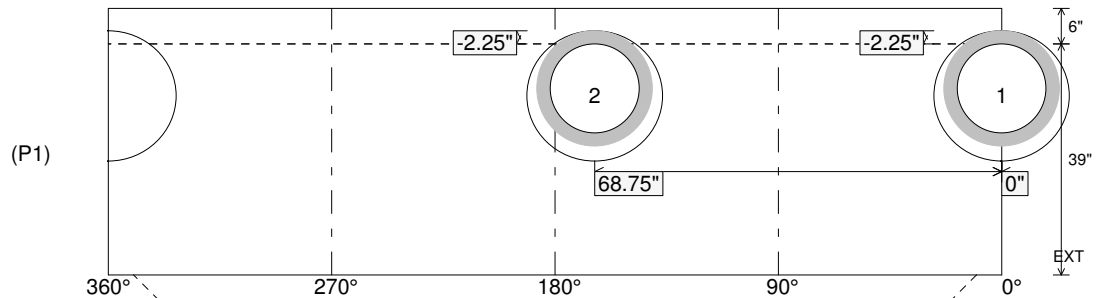
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	968.87'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"
Invert 2	968.87'	164°	83"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 39"
 Height (Ext): 45"

Weight (Net): 3725 lb
 Volume (Net): 0.95cu.yd

Job Name: 25-3438 - John H. Stigall Drive
 Job Location: Danville, KY
 Contractor: Todd Johnson Contracting, Inc.

Plant: 100
 11/6/2025 4:37:33 PM

Tech: J. Horsley - F
 PC: C. Goff



Structure ID: B-1

P1A STORMINVERT12

STORM INVERT CHANNEL 1/2 HEIGHT

- P3) 24" x 36" - CASTING HEIGHT - 12"
- P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12"
- P1) 48" - MH BASE Custom Ht T/n - 39"
- 1) **STORM INVERT CHANNEL - 1/2 HEIGHT**
- 1) CASTING - HOE 525 LV SET (F/G/H)
- 1) 48" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 22
- 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 1300 lb
 3725 lb
 1440 lb
 442 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 6907 lb

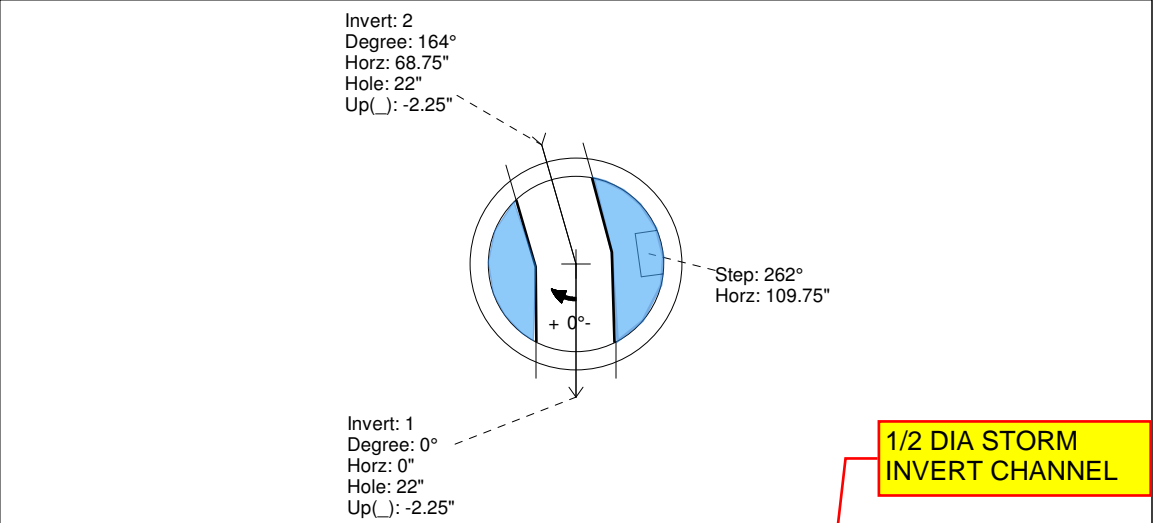
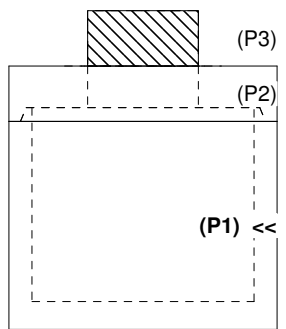
Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPS AND NO INVERT CHANNEL.
 4. CASTING BY ICAST (HOE 525 LV SET (F/G/H)).

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.

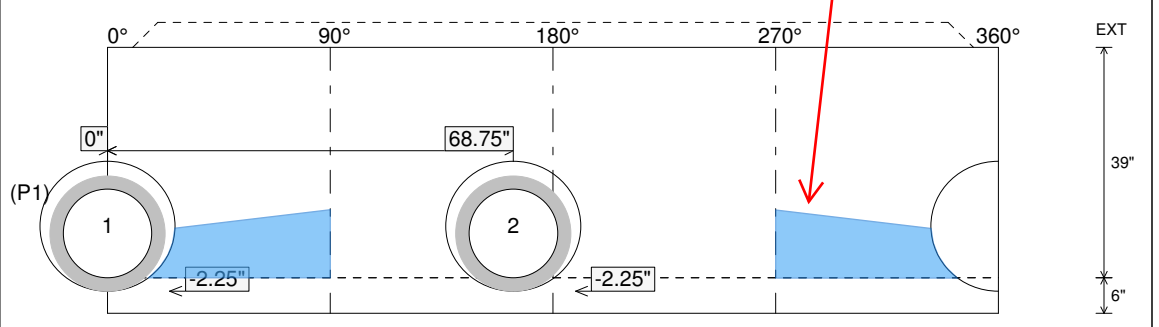
Rim: 974.18' Rim to Invert: 5.31' Slack: 0.72" Sump: 0" Step Position: 262°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	968.87'	0°	0"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"
Invert 2	968.87'	164°	83"	15" RCP B WALL	19.5"	Hole 22	22"	22.854"	-2.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions) - - SECONDARY POUR



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 39" Height (Ext): 45"	Weight (Net): 3725 lb Volume (Net): 0.95cu.yd
----------------------------------	---------------------------------	--	--	--