

Job Name: 26-1337 Legacy Pools
 Job Location: Owensboro, KY
 Contractor: John Maurice

Plant: 100

Tech: Jared - A

3/11/2026 12:28:35 PM

PC: Trevor Lewis



Structure ID: 2 ST-OCS

P1 BX2424-08BAVF

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

- P2) 24" x 24" - CASTING HEIGHT - 4"
- P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 21"
- 1) SECONDARY POUR - Weir Wall - *
- 1) CASTING - HOE 280T F/G
- 1) 24" x 24" - Conseal CS-102 1.00"
- 1) Hole - 12
- 1) Hole - 16

0 lb
 2701 lb
 139 lb
 182 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 3022 lb

Structure Notes:

- PLAN LABEL : BASIN OUTLET CONTROL STRUCTURE
1. HOE 280T F/G PROVIDED BY ICAST.
 2. PER ASTM C913 SPECIFICATIONS.
 3. CONCRETE = 4,500 PSI AT 28 DAYS.
 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.

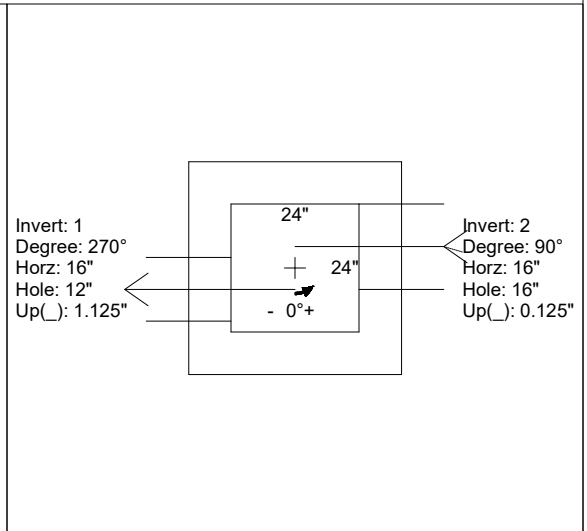
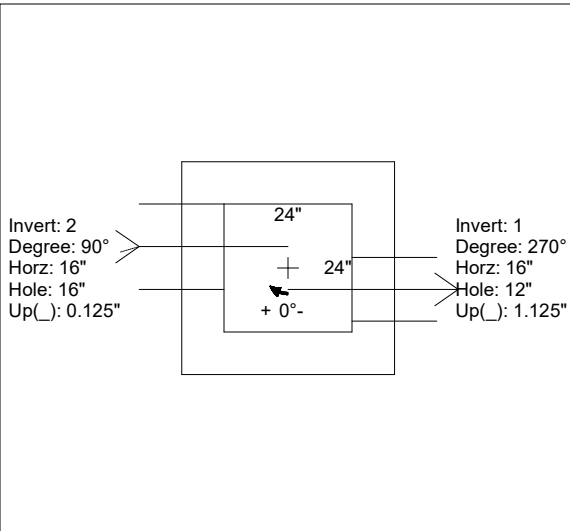
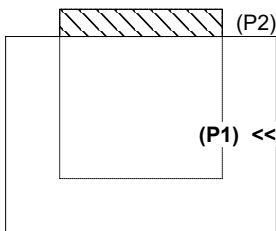
See drawing for Weir Wall details

Rim: 410.8' Rim to Invert: 1.97' Slack: 0.015" Sump: 1.375" Step Position:

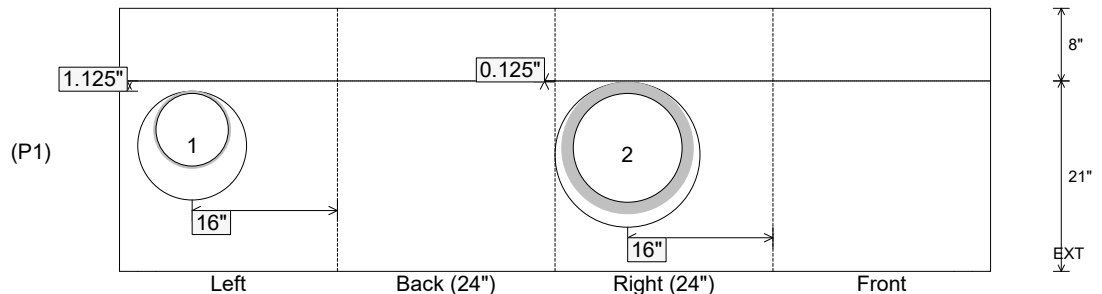
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	408.83'	270°	24"	8" PVC SDR35	8.5"	Hole 12	12"	12"	1.125"	4"
Invert 2	408.83'	90°	24"	12" HDPE	14.5"	Hole 16	16"	16"	0.125"	4"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
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

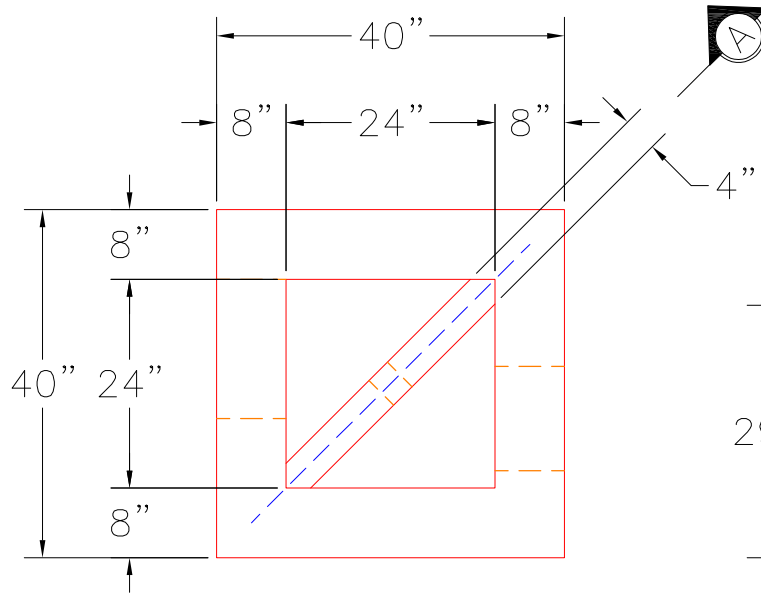
Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 21"
 Height (Ext): 29"

Weight (Net): 2701 lb
 Volume (Net): 0.69cu.yd

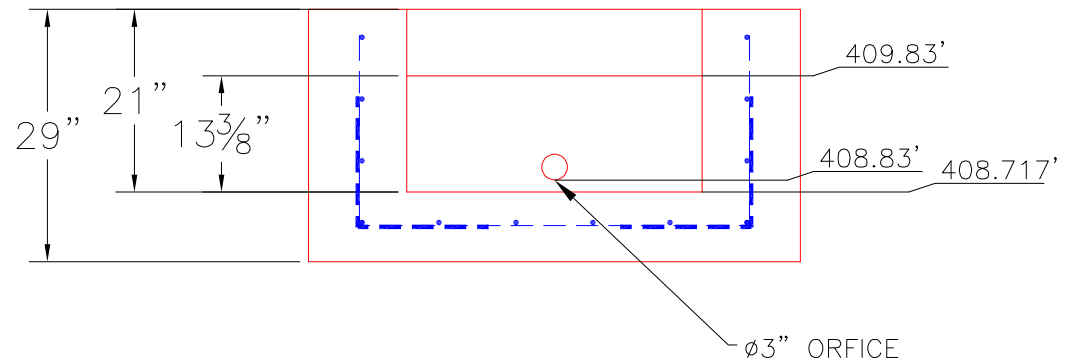
NOTES:

- WEIR TO BE DOWELED IN AND REINFORCED WITH #5 BAR @ 12" C.C. E.W.



PLAN VIEW

SOME DETAILS OMITTED FOR CLARITY



SECTION A-A



QUALITY CONTROL CHECKLIST

- ALL DIMENSIONS CORRECT.
- LIFTERS INSTALLED.
- HATCH CORRECT LOCATION.
- REINFORCING CORRECT.
- SURFACE QUALITY ACCEPTABLE.
- EDGES CHAMFERED.
- ALL PATCHWORK ACCEPTABLE.

PRODUCT I.D.: BX2525-08BAVF

PRODUCT VIEW: RIGHT SIDE UP

PLANT: BEAVER DAM, KY.

WEIGHT: 139 LBS. (2840 LBS. BASE & WEIR WALL TOTAL)

TOP SECTION JOINT: N/A

BASE SECTION JOINT: N/A

QC CHECK INITIALS:

DESCRIPTION: OUTLET CONTROL STRUCTURE WEIR DETAIL

CUSTOMER: JOHN MAURICE

PROJECT: LEGACY POOLS

STRUCTURE: 2 ST-OCS

ORDER NO: 26-1337

PC: T. LEWIS

DRAWING: S. FELLETER

DATE: 03/11/26

SCALE: NTS

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