

Job Name: 26-2221 Nix HQ Expansion
 Job Location: Poseyville, IN
 Contractor: Chastain Excavating

Plant: Beaver Dam

6/15/2026 10:38:38 AM

Tech: S. Felletter

PC: T. Lewis



Structure ID: Curb Inlet 1 ST-CB

P1 BX2436-08BVF

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

P2) 24" x 36" - CASTING HEIGHT - 6"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 33"

1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)

1) 24" x 36" - Conseal CS-102 1.00"

2) DOGHOUSE INVRTD - 32"x32"

0 lb Structure Notes:

3438 lb

442 lb

0 lb

0 lb

Structure Total: 3880 lb

1. PER ASTM C913 SPECIFICATIONS.

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

3. NO INVERT CHANNEL.

4. CASTING BY ICAST (HOE 525 FLAT SET).

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: 424.18'

Rim to Invert: 3.06'

Slack: 0.72"

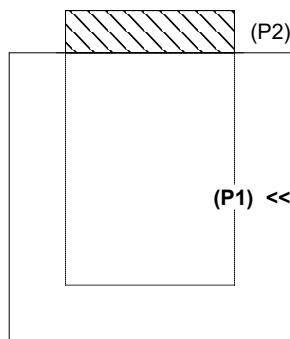
Sump: 3"

Step Position:

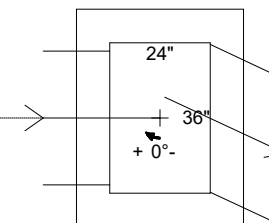
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (")	Offset
Invert 1	421.12'	295°	29.809"	24" RCP B WALL	30"	DOGHOUSE INVRTD 32"x32"	32" x 32"	35.308"	0"	-5"
Invert 2	421.16'	90°	26"	24" RCP B WALL	30"	DOGHOUSE INVRTD 32"x32"	32" x 32"	32"	0.48"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

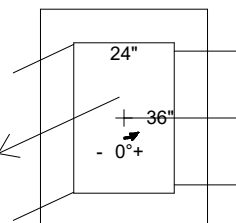


Invert: 2
Degree: 90°
Horz: 18"
Hole: 32" x 32"
Up(_): 0.48"



Invert: 1
Degree: 295°
Horz: 18.079"
Hole: 32" x 32"
Up(_): 0"

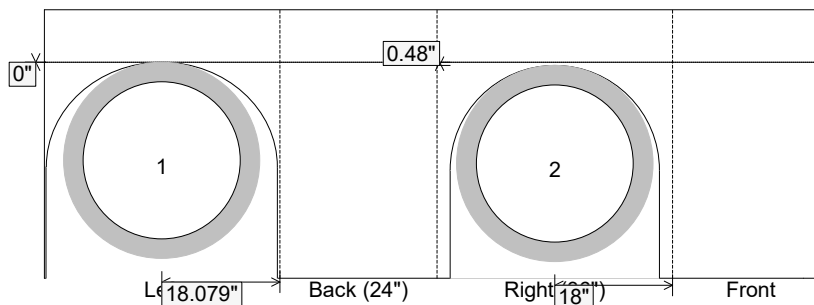
Invert: 1
Degree: 295°
Horz: 18.079"
Hole: 32" x 32"
Up(_): 0"



Invert: 2
Degree: 90°
Horz: 18"
Hole: 32" x 32"
Up(_): 0.48"

INSIDE WALL DIMENSIONS

(P1)



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 33"
Height (Ext): 41"

Weight (Net): 3438 lb
Volume (Net): 0.88cu.yd