

Job Name: 26-3149 Northcrest Drive Stormwater System Imp.

Job Location: Nashville, TN

Contractor: Walker Building Group

Plant: Beaver Dam

9/11/2026 4:03:48 PM

Tech: S. Felletter

PC: T. Lewis

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: CB-02 CB12

P1 BX3648-08BAVF

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

P3) 28" x 34" - CASTING HEIGHT - 7"

P2) 36" x 48" - BX FLAT LID 8"W - TDOT 12P (28"x34" Hole) F/F - 10"

P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 38"

1) CASTING - JBS 3123 MODIFIED SET

1) 36" x 48" - SGL 1"x14.5' Butyl (2x)

3) Hole - 26

0 lb

2044 lb

6119 lb

250 lb

0 lb

0 lb

Structure Total: 8413 lb

Structure Notes:

1. PER TDOT D-CB-12S / ASTM C913 SPEC'S.

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

3. NO INVERT CHANNEL.

4. CASTING BY ICAST (JBS 3123 F/G/H MOD).

REINFORCING PER ASTM A615 (GRADE 60).

** SEE TDOT STD DRAWING D-CB-12S **

- TOP SLAB - DBL MAT #5 BARS.

- WALLS (As .47) #5 BARS AT 8" C.C.E.W.

- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 565.24'

Rim to Invert: 4.44'

Slack: 0.78"

Sump: 2.5"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	560.8'	0°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2	561'	180°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	2.4"	0"
Invert 3	561'	225°	24.031"	18" RCP B WALL	23"	Hole 26	26"	36.77"	2.4"	12.75"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

(P3)

(P2)

(P1) <<

Invert: 2
Degree: 180°
Horz: 18"
Hole: 26"
Up(): 2.4"

Invert: 3
Degree: 225°
Horz: 24.031"
Hole: 26"
Up(): 2.4"

Invert: 1
Degree: 0°
Horz: 18"
Hole: 26"
Up(): 0"

36"

48"

+ 0°

Invert: 2
Degree: 180°
Horz: 18"
Hole: 26"
Up(): 2.4"

Invert: 3
Degree: 225°
Horz: 24.031"
Hole: 26"
Up(): 2.4"

Invert: 1
Degree: 0°
Horz: 18"
Hole: 26"
Up(): 0"

36"

48"

- 0°

INSIDE WALL DIMENSIONS

2.4"

2.4"

0"

3

2

1

24.031"

18"

18"

Left

Back (36")

Right (48")

Front

8"

38"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 38"
Height (Ext): 46"

Weight (Net): 6119 lb
Volume (Net): 1.56cu.yd