

Job Name: 26-3785 863858 Bardstown High School

Job Location: Bardstown, KY

Contractor: Contech Engineering Solutions

Plant: Beaver Dam

9/29/2026 1:17:51 PM

Tech: S. Felletter

PC: C. Goff

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 10-CS-4

P2 MH048RSVF

MH RISER Custom Ht T/G

P4) 30" - CASTING HEIGHT - 4"

P3) 48" - MH FLAT LID w/30in ECC Hole F/G - 12"

P2) 48" - MH RISER Custom Ht T/G - 63"

P1) 48" - MH BASE T/n - 18"

1) ASSEMBLY REQUIRED

1) CVSTENCILING

2) 48" - Conseal CS-102 1.00"

2) Hole - 20

1) Hole - 12

0 lb

1413 lb

4083 lb

2588 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 8084 lb

Structure Notes:

4" CASTING BY OTHERS

LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE

ICAST TO INSTALL THE INTERNALS

CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE

Rim: 639.63'

Rim to Invert: 3.87'

Slack: 0.44"

Sump: 51"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	635.76'	270°	136.659"	15" HDPE	17.6"	Hole 20	20"	20.629"	26.25"	0"
Invert 2	635.86'	123°	62.256"	15" HDPE	17.6"	Hole 20	20"	20.629"	27.45"	0"
Invert 3	635.86'	18°	9.111"	6" HDPE	6.9"	Hole 12	12"	12.129"	26.95"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 123°

Horz: 51.522"

Hole: 20"

Up(): 27.45"

Invert: 1

Degree: 270°

Horz: 113.097"

Hole: 20"

Up(): 26.25"

Invert: 3

Degree: 18°

Horz: 7.54"

Hole: 12"

Up(): 26.95"

(P4)

(P3)

(P2) <<

(P1)

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

51.522"

113.097"

7.54"

26.95"

27.45"

26.25"

3

2

1

(P2)

63"

Coating (Int):

Coating (Ext):

Seam Up: Tongue
Seam Dn: Groove

Wall Thickness: 5"
Floor Height: 0"

Height (Int): 63"
Height (Ext): 63"

Weight (Net): 4083 lb
Volume (Net): 1.04cu.yd