

Job Name: 26-3091 907597 Ives Field Rec Enhance

Job Location: Shelby Twp, MI

Contractor: Contech Engineering Solutions

Plant: Beaver Dam

7/20/2026 9:18:19 AM

Tech: S. Felletter

PC: C. Goff

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 10-CS-3

P2 MH036RS72

MH RISER T/G

P4) 30" - CASTING HEIGHT - 4"

P3) 36" - MH FLAT LID w/30in ECC Hole F/G - 10"

P2) 36" - MH RISER T/G - 72"

P1) 36" - MH BASE T/n - 12"

1) ASSEMBLY REQUIRED

1) CVSTENCILING

2) 36" - Conseal CS-102 1.00"

2) Hole - 16

0 lb

683 lb

2898 lb

1272 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 4852 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: 639.8'

Rim to Invert: 5.98'

Slack: 11.8"

Sump: 38.04"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	633.82'	270°	103.673"	12" HDPE	14.5"	Hole 16	16"	16.58"	20.54"	0"
Invert 2	633.82'	90°	34.558"	12" HDPE	14.5"	Hole 16	16"	16.58"	20.54"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P4)

(P3)

(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 90°

Horz: 28.274"

Hole: 16"

Up(): 20.54"

+ 0°-

Invert: 1

Degree: 270°

Horz: 84.823"

Hole: 16"

Up(): 20.54"

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

28.274"

84.823"

20.54"

20.54"

72"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 4"

Floor Height: 0"

Height (Int): 72"

Height (Ext): 72"

Weight (Net): 2898 lb

Volume (Net): 0.74cu.yd