

Job Name: 25-4680 Sample Manhole
 Job Location: Newburgh, IN
 Contractor: Joe Beard And Sons

Plant: Beaver Dam
 1/8/2026 12:53:47 PM

Tech: S. Felletter
 PC: T. Lewis



Structure ID: 54680 (2)

P1 MH048BAVFCDARED

MH BASE Custom Ht, w/ConBlock-CDA Red T/n

P3) 24" - CASTING HEIGHT - 4"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36"	2251 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red T/n - 35"	3727 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) CASTING - HOE MC-285 F/C Sanitary	284 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-06 NYLO	8 lb
Structure Total:	7711 lb

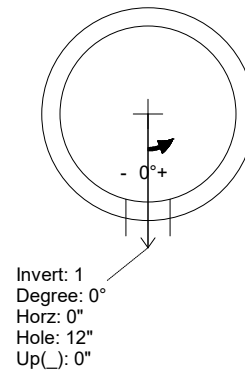
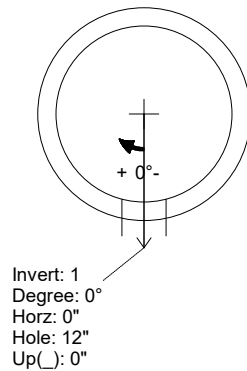
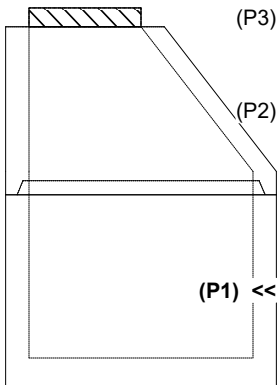
- Structure Notes:**
1. JR HOE MC-285 PROVIDED BY ICAST.
 2. PER ASTM C478 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. ADMIXTURE = CONBLOCK CDA RED.
 5. REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
 6. **NO STEPS**

Rim: 6' Rim to Invert: 6' Slack: 0" Sump: 3" Step Position:

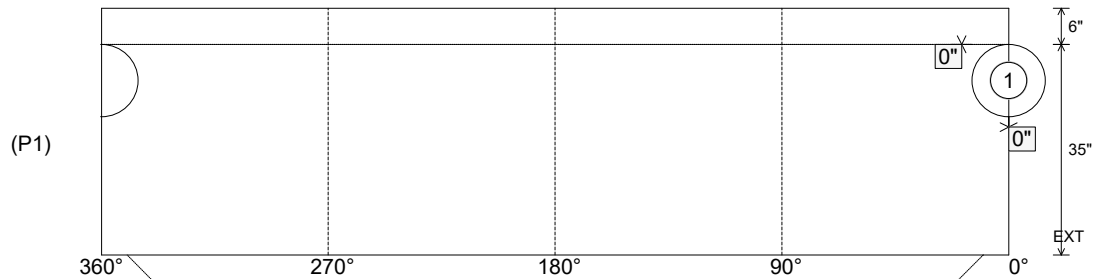
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	0'	0°	0"	6" PVC SDR35	6.25"	PSX 12-06 NYLO	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 35"
 Height (Ext): 41"

Weight (Net): 3727 lb
 Volume (Net): 0.95cu.yd

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0 lb
 2251 lb
 3727 lb
 0 lb
 0 lb
 1440 lb
 284 lb
 0 lb
 8 lb

 Structure Total: 7711 lb

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INVERT CHANNEL DRAWING
 FULL HEIGHT INVERT

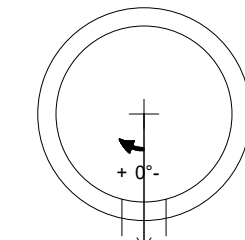
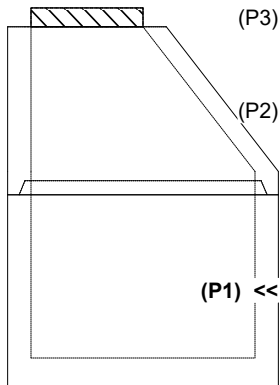
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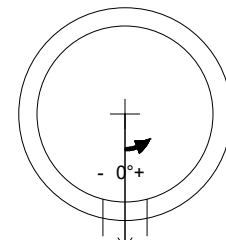
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UPSIDE-DOWN VIEW (int. dimenions)

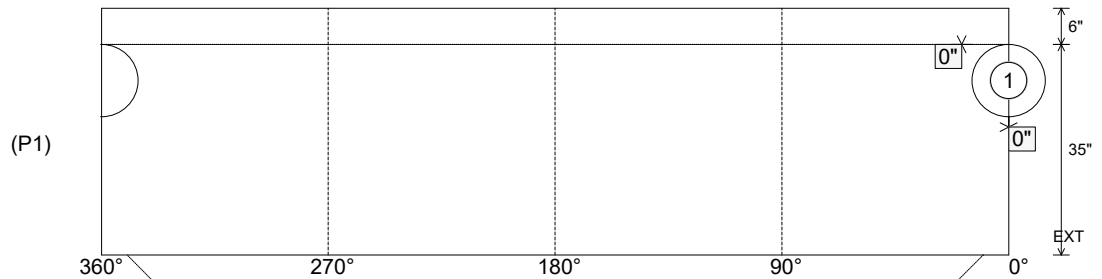


Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 12"
 Up(↓): 0"



Invert: 1
 Degree: 0°
 Horz: 0"
 Hole: 12"
 Up(↓): 0"

INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 5"
 Floor Height: 6"

Height (Int): 35"
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P2 MH048CN36CDARED

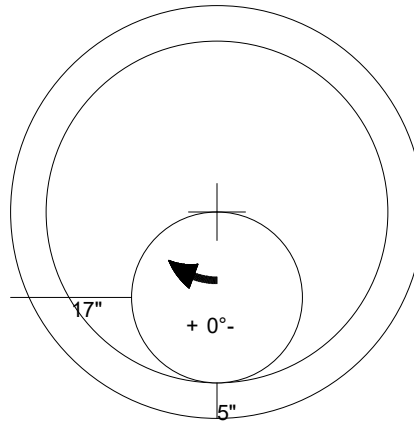
ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G

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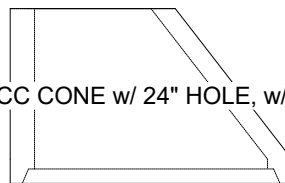
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48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 36" - (P2)



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: Groove

Wall Thickness: 5"

Height (Ext): 36"

Weight (Net): 2251 lb
 Volume (Net): 0.57cu.yd