

Job Name: 26-2478 - Marcelina Site Improvements (Storm)
Job Location: Clarksville, TN 37043
Contractor: Core & Main LP

Plant: Beaver Dam, KY
10/8/2026 8:24:48 AM

Tech: J. Coppage
PC: T. Lewis



Structure ID: S19 ST-CI

P1 BX036096-08W08F-BAVF

BOX BASE 8inW, 8inF, Variable Ht

- P4) 24" x 36" - CASTING HEIGHT - 6.5"
P3) 24" x 36" - BOX RISER 8inW, Variable Ht - 14"
P2) 36" x 96" - BX TRANS. SLAB 8inW w/24"x36" HOLE ECC - 10"
P1) 36" x 96" - BOX BASE 8inW, 8inF, Variable Ht - 96"
1) SECONDARY POUR
1) 36" x 96" - Conseal CS-102 1.00"
2) 24" x 36" - Conseal CS-102 1.00"
2) Hole - 90
9) MH Step ML-10-TDS-NCR - 10"

- 0 lb
1429 lb
4162 lb
14444 lb
0 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 20035 lb
- Structure Notes:**
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
- TRANS SLAB - DOUBLE MAT
-- TOP MAT - W/ #4 BARS AT 12" C.C.E.W.
-- BOT MAT - W/ #5 BARS AT 6" C.C.E.W.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- BASE: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. NO INVERT CHANNEL
5. STEPS AT 0 DEGREES
6. 6.5" CASTING SUPPLIED BY OTHERS

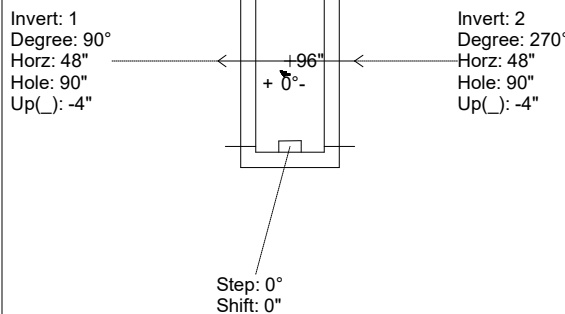
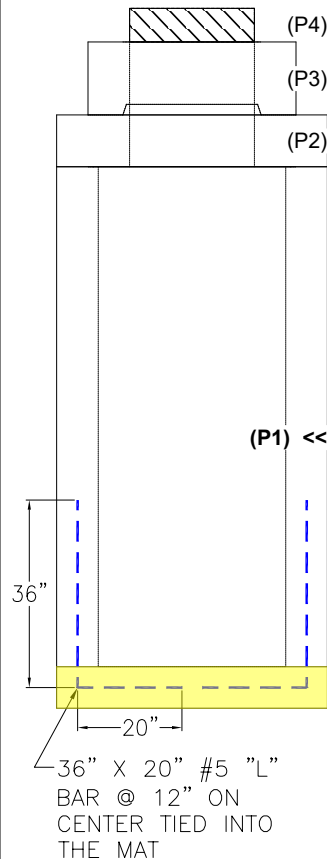
FIRST POUR DRAWING

Rim: 478' Rim to Invert: 10.32' Slack: 0.34" Sump: 3" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	467.68'	90°	56"	72" RCP B WALL	86"	Hole 90	90"	90"	-4"	0"
Invert 2	467.68'	270°	56"	72" RCP B WALL	86"	Hole 90	90"	90"	-4"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

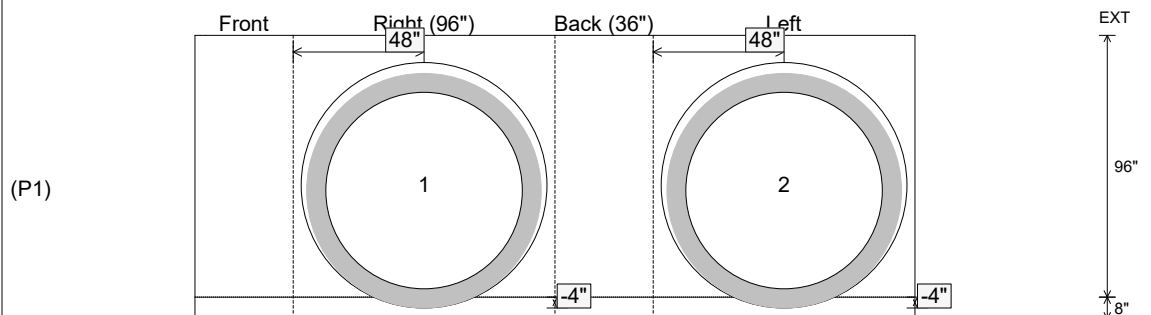


WEIGHTS:

FIRST POUR: 3,910 LBS
SECOND POUR: 10,534 LBS
TOTAL: 14,444 LBS

4 EA. CONAC 6CA18 LIFTERS CAST INTO THE FLOOR FOR HANDLING

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 96"
Height (Ext): 104"

Weight (Net): 14444 lb
Volume (Net): 3.69cu.yd

Job Name: 26-2478 - Marcelina Site Improvements (Storm)
Job Location: Clarksville, TN 37043
Contractor: Core & Main LP

Plant: Beaver Dam, KY
10/8/2026 8:24:48 AM

Tech: J. Coppage
PC: T. Lewis



Structure ID: S19 ST-CI

P1 BX036096-08W08F-BAVF

BOX BASE 8inW, 8inF, Variable Ht

- P4) 24" x 36" - CASTING HEIGHT - 6.5"
P3) 24" x 36" - BOX RISER 8inW, Variable Ht - 14"
P2) 36" x 96" - BX TRANS. SLAB 8inW w/24"x36" HOLE ECC - 10"
P1) 36" x 96" - BOX BASE 8inW, 8inF, Variable Ht - 96"
1) SECONDARY POUR
1) 36" x 96" - Conseal CS-102 1.00"
2) 24" x 36" - Conseal CS-102 1.00"
2) Hole - 90
9) MH Step ML-10-TDS-NCR - 10"

- 0 lb
1429 lb
4162 lb
14444 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
Structure Total: 20035 lb
- Structure Notes:**
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
- TRANS SLAB - DOUBLE MAT
-- TOP MAT - W/ #4 BARS AT 12" C.C.E.W.
-- BOT MAT - W/ #5 BARS AT 6" C.C.E.W.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- BASE: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. NO INVERT CHANNEL
5. STEPS AT 0 DEGREES
6. 6.5" CASTING SUPPLIED BY OTHERS

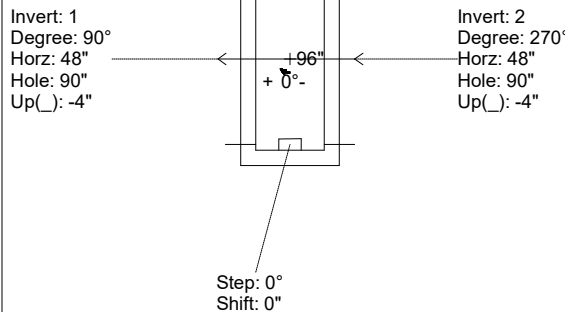
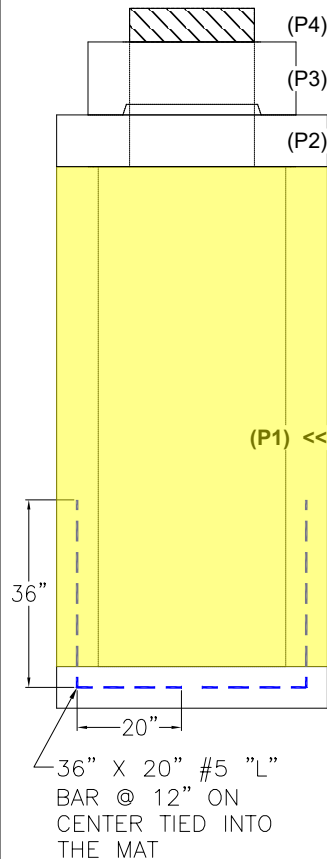
SECOND POUR DRAWING

Rim: 478' Rim to Invert: 10.32' Slack: 0.34" Sump: 3" Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	467.68'	90°	56"	72" RCP B WALL	86"	Hole 90	90"	90"	-4"	0"
Invert 2	467.68'	270°	56"	72" RCP B WALL	86"	Hole 90	90"	90"	-4"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



WEIGHTS:

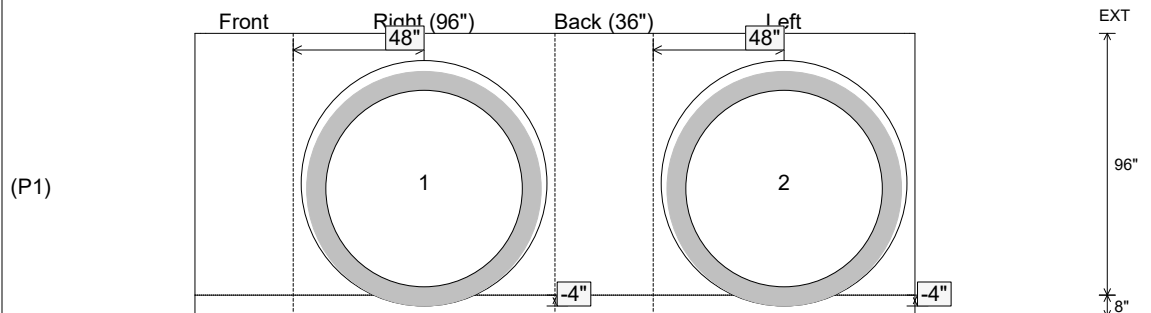
FIRST POUR: 3,910 LBS

SECOND POUR: 10,534 LBS

TOTAL: 14,444 LBS

4 EA. CONAC 6CA18 LIFTERS CAST INTO THE FLOOR FOR HANDLING

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 96"
Height (Ext): 104"

Weight (Net): 14444 lb
Volume (Net): 3.69cu.yd