

Job Name: 25-3310 - Mammoth Cave NP-MACA 12
 Job Location: Mammoth Cave , KY
 Contractor: Phillips Brothers

Plant: 100
 5/5/2026 5:08:06 PM

Tech: J. Horsley - F
 PC: C. Goff



Structure ID: IN8B

P1 BX3648-08BAVF

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

- P2) 36" x 48" - P.I.P. - BY OTHERS - 8"
- P1) 36" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 58"
- 1) 36" x 48" - Conseal CS-102 1.00"
- 1) Hole - 30
- 2) Hole - 32
- 1) Hole - 26

0 lb
 8110 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 8110 lb

Structure Notes:
 1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING SUPPLIED BY OTHERS - KY-410
 5. #5 DOWELS @ 12" O.C. STUBBED 20" OUT THE TOP OF THE WALLS FOR APRON & GUTTER ATTACHMENT BY OTHERS.

REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 6" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 6" C.C.E.W

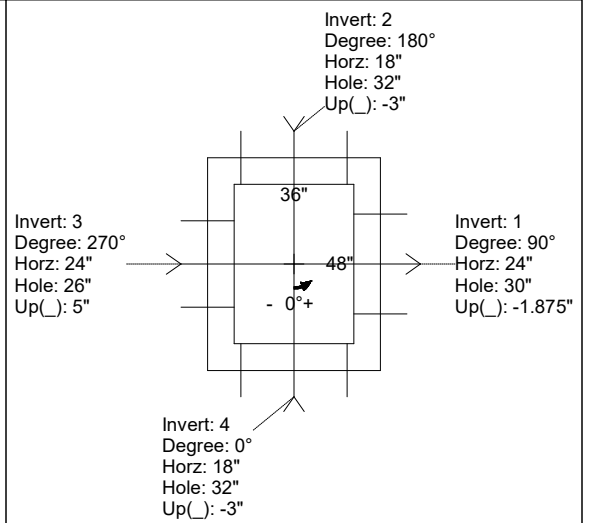
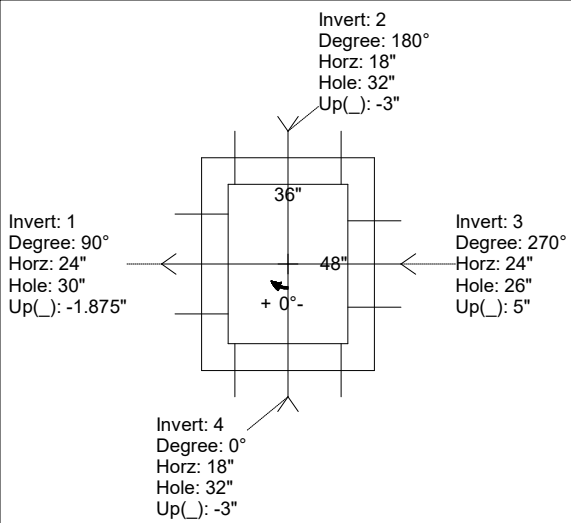
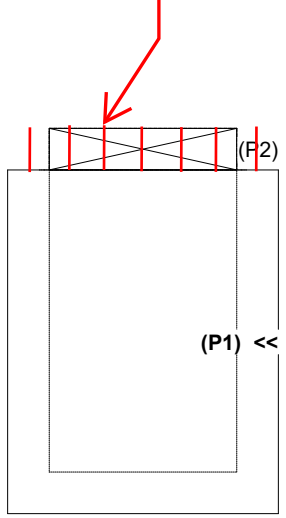
Rim: 739.62' Rim to Invert: 5.5' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	734.12'	90°	32"	24" HDPE	27.8"	Hole 30	30"	30"	-1.875"	0"
Invert 2	734.12'	180°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 3	734.75'	270°	32"	18" RCP B WALL	23"	Hole 26	26"	26"	5"	0"
Invert 4	734.12'	0°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

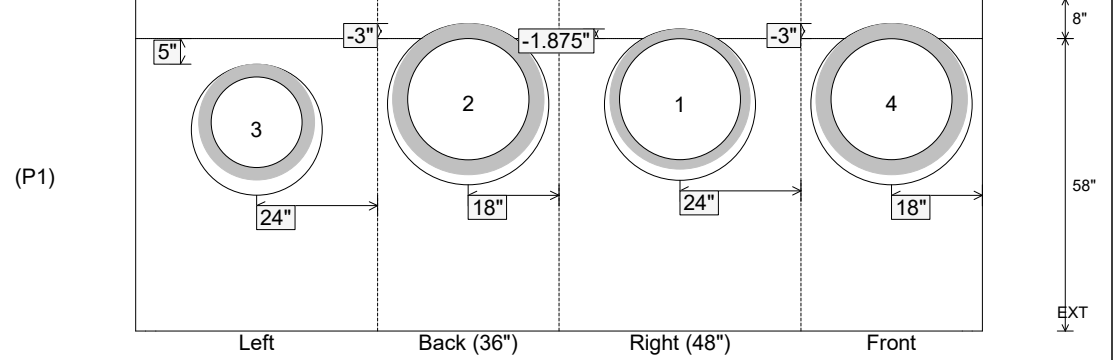
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

#5 DOWELS @ 12" O.C. STUBBED 20" OUT THE TOP OF THE WALLS



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 58" Height (Ext): 66"	Weight (Net): 8110 lb Volume (Net): 2.07cu.yd
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