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

Plant: 100
4/2/2026 7:50:07 PM

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

Structure ID: INL 04

P1 BX3636-08BAVF BOX BASE 8inW, 8inF, Variable Ht F/n

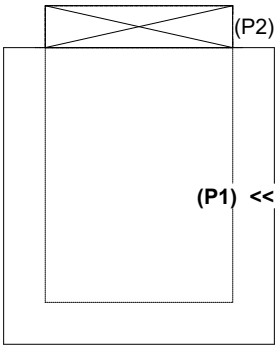
P2) 36" x 36" - P.I.P. - BY OTHERS - 8"	0 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 49"	7060 lb
1) 36" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 32	0 lb
2) Hole - 2	0 lb
Structure Total:	7060 lb

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-316).
5. #5 DOWELS @ 12" O.C. STUBBED 12" OUT THE TOP OF THE WALLS FOR APRON & GUTTER ATTACHMENT BY OTHERS.

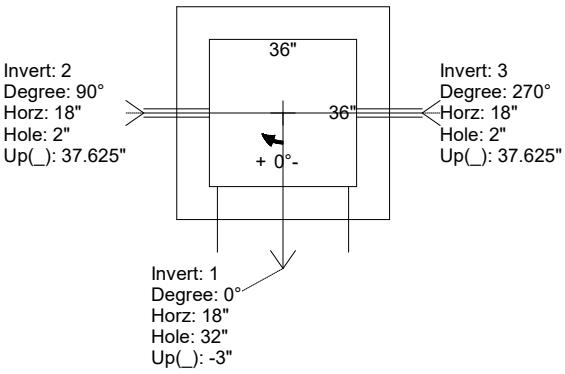
REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .12) #5 BARS AT 6" C.C.E.W.
- FLOOR (As .12) #5 BARS AT 6" C.C.E.W.

Rim: 744.66' Rim to Invert: 4.8' Slack: 0.6" Sump: 0" Step Position:

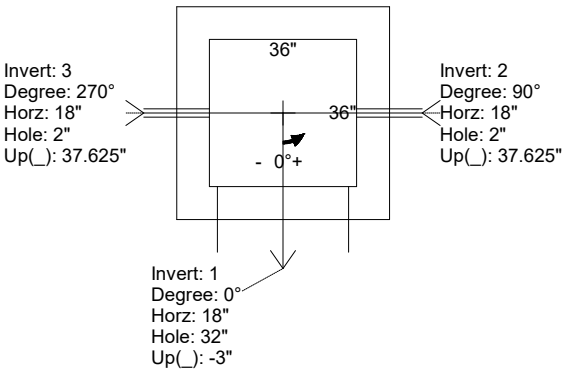
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	739.86'	0°	26"	24" RCP B WALL	30"	Hole 32	32"	32"	-3"	0"
Invert 2	743'	90°	26"	2" WEEP HOLE	2"	Hole 2	2"	2"	37.625"	0"
Invert 3	743'	270°	26"	2" WEEP HOLE	2"	Hole 2	2"	2"	37.625"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



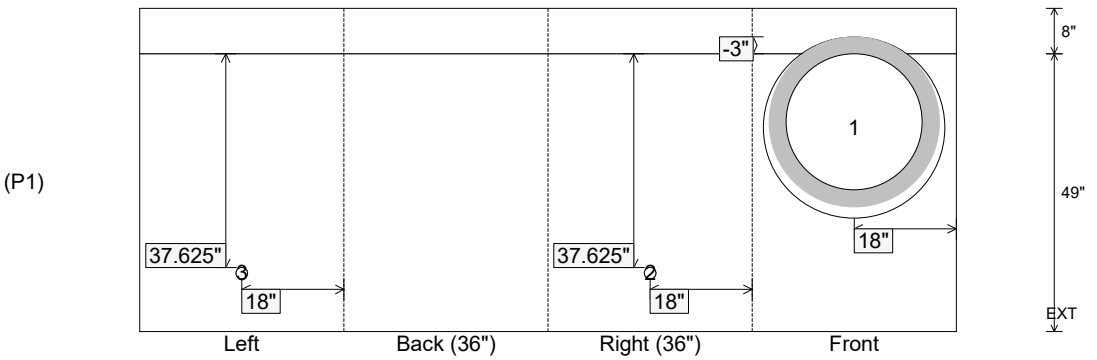
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Flat	Wall Thickness: 8"	Height (Int): 49"	Weight (Net): 7060 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 8"	Height (Ext): 57"	Volume (Net): 1.8cu.yd