

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

PC: C. Goff
 TECH: J. Coppage - F
 Plant: 100



Structure ID: INL 01
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 36" x 36"

Rim: 739.23'
 Invert: 736.73'
 Rim to Invert: 2.5'

Sump: 7.56"
 Floor (Top): 736.1'
 Floor Height: 8"

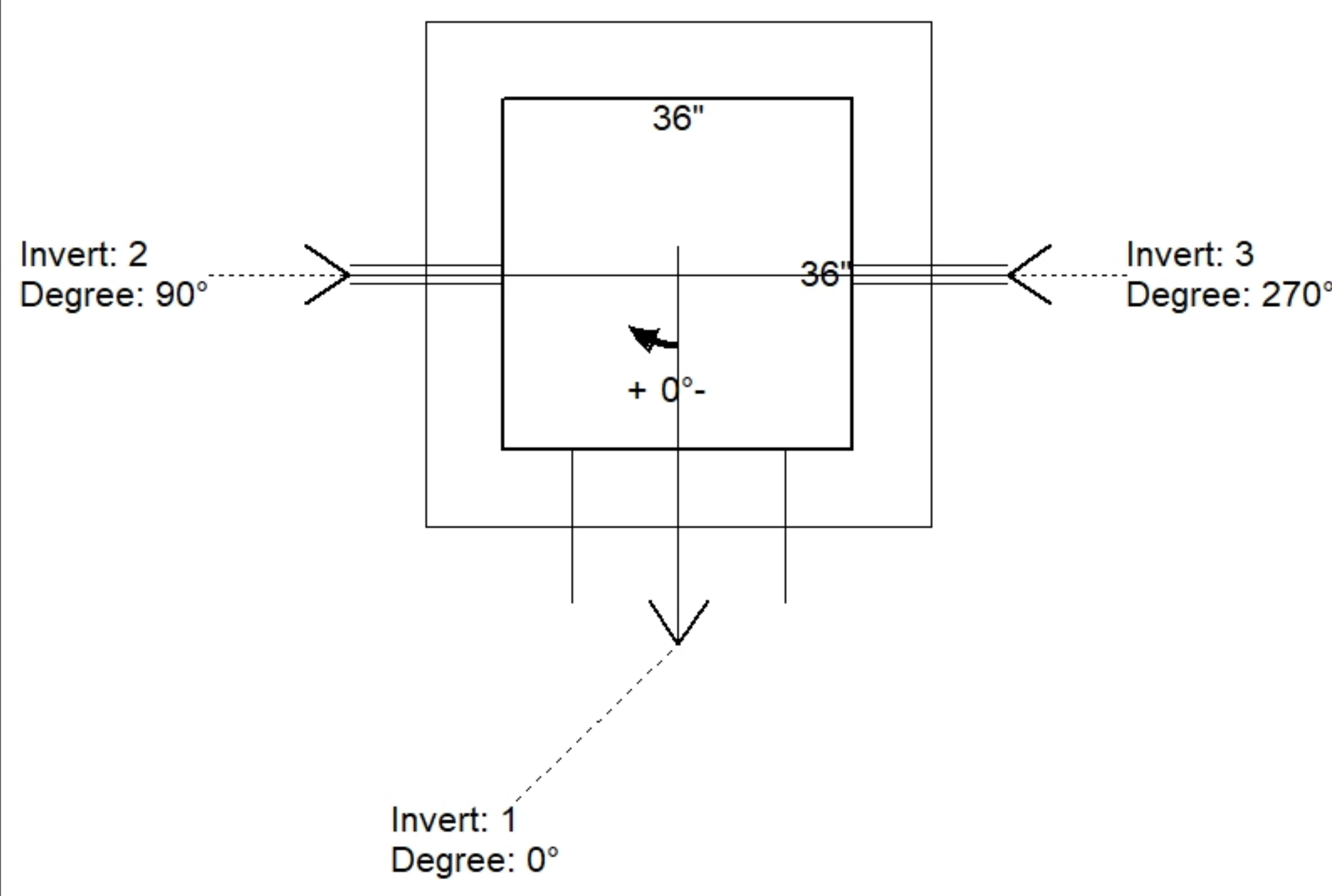
Floor (Bot): 735.433'
 Overall Height: 3.75'
 Slack: 0.56"

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.

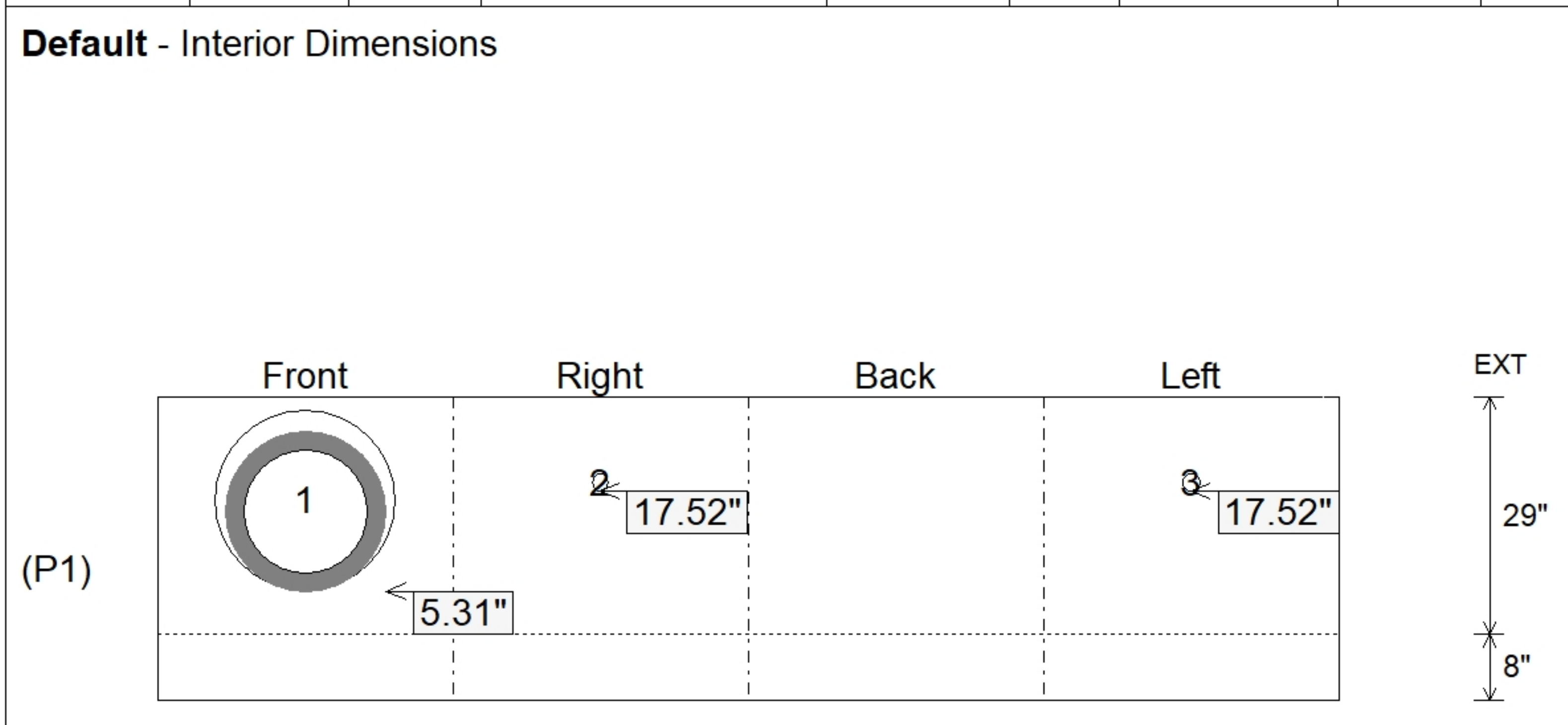
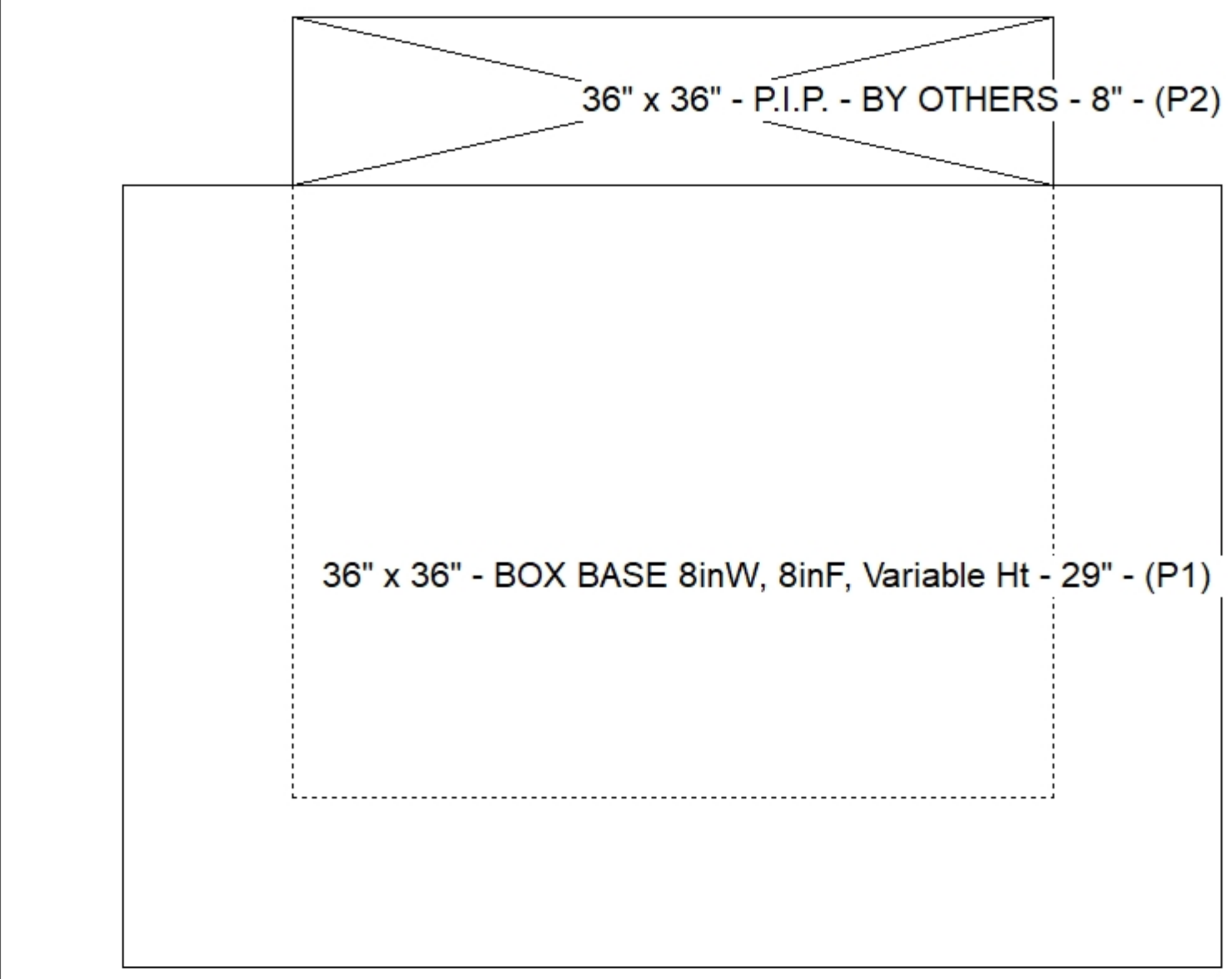
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 6" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 6" C.C.E.W.

STRUCTURE SUMMARY:

P2) 36" x 36" - P.I.P. - BY OTHERS - 8"	0 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 29"	4982 lb
1) 36" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 22	0 lb
2) Hole - 2	0 lb
Structure Total:	4982 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	739.23'							
Reducer								
Invert 1	736.73'	0°	15" RCP B WALL	19.5"	22"	Hole 22	5.31"	P1
Invert 2	737.56'	90°	2" WEEP HOLE	2"	2"	Hole 2	17.52"	P1
Invert 3	737.56'	270°	2" WEEP HOLE	2"	2"	Hole 2	17.52"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing
 4/10/2026 8:45:59 AM

SUBMITTAL
 APPROVED BY: