

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: **CB13B**

Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 36"

Rim: 740.92'
 Invert: 736.05'
 Rim to Invert: 4.87'

Sump: 0"
 Floor (Top): 736.05'
 Floor Height: 8"

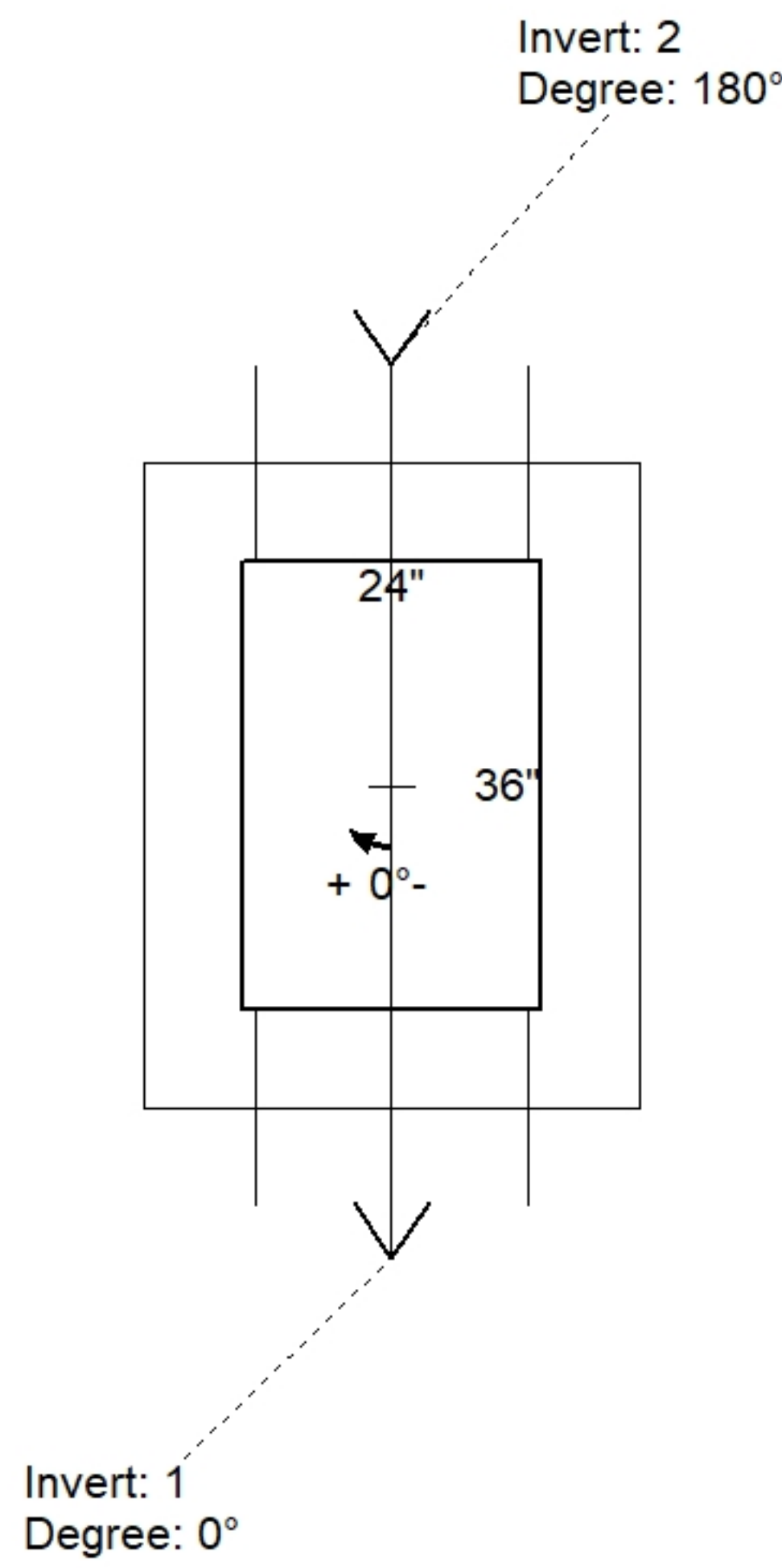
Floor (Bot): 735.383'
 Overall Height: 5.5'
 Slack: 0.44"

Structure Notes:

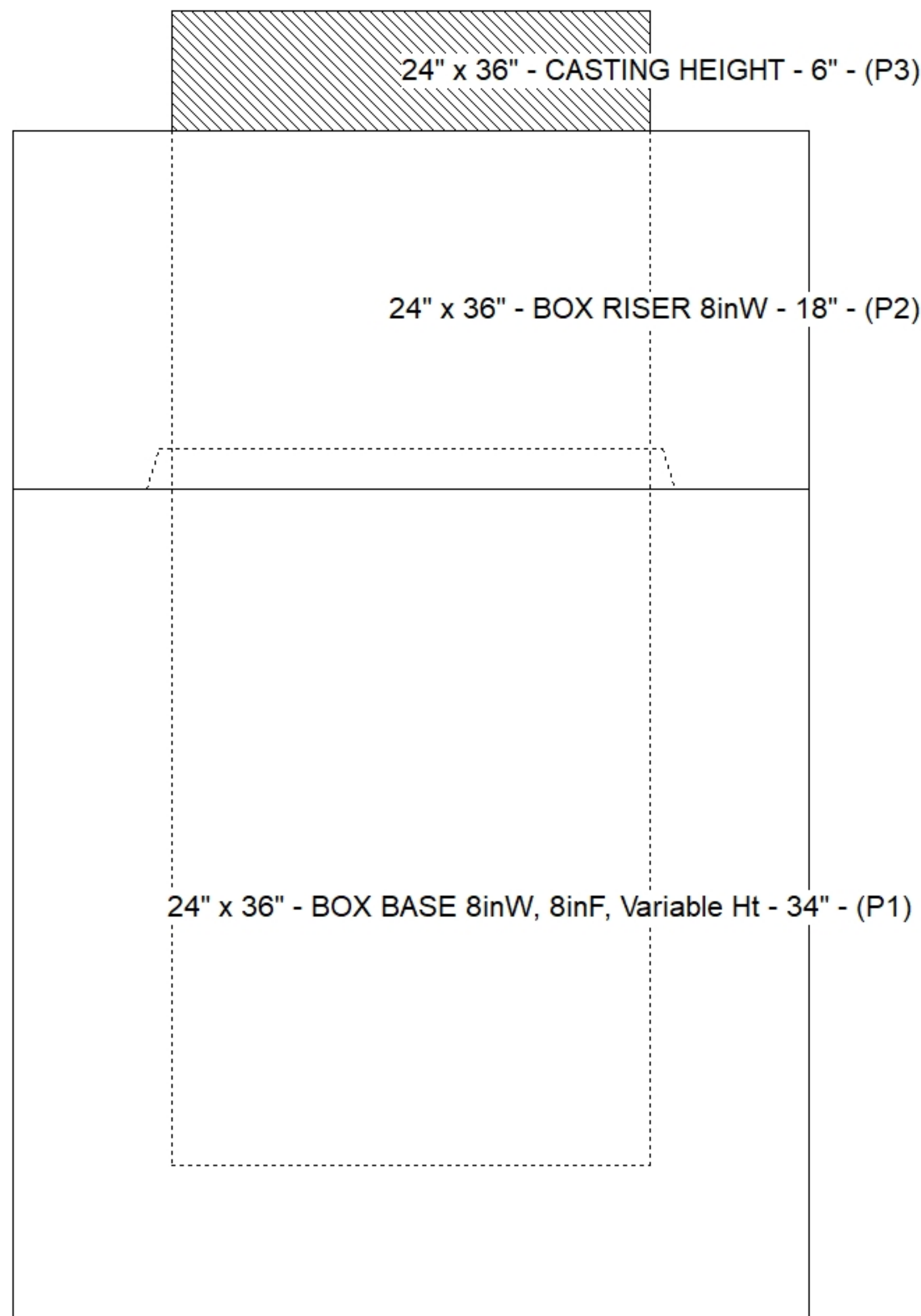
- PER ASTM C913 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - NO INVERT CHANNEL.
 - CASTING SUPPLIED BY OTHERS (HOE-525).
- REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

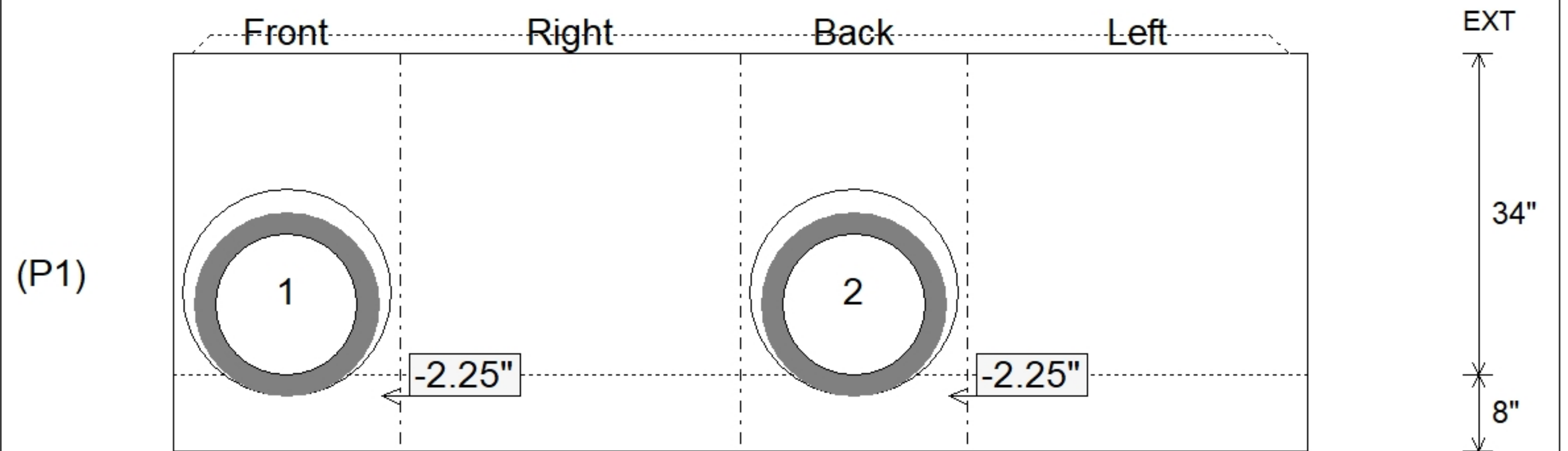
P3) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P2) 24" x 36" - BOX RISER 8inW - 18"	1837 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 34"	4355 lb
2) 24" x 36" - Conseal CS-102 1.00"	0 lb
2) Hole - 22"	0 lb
Structure Total:	6192 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	740.92'							
Reducer								
Invert 1	736.05'	0°	15" RCP B WALL	19.5"	22"	Hole 22	-2.25"	P1
Invert 2	736.05'	180°	15" RCP B WALL	19.5"	22"	Hole 22	-2.25"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 4/10/2026 8:46:00 AM

SUBMITTAL
 APPROVED BY: