

**Job Name: 25-2861 Spencer Co Bus Garage**  
**Job Location: Taylorsville, Ky**  
**Contractor: Louisville Paving and Construction**

PC: J.Jarvis  
 TECH: C.Russ  
 Plant: Beaver Dam



Structure ID: **CI-2B**  
 Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 36"

Rim: 715.8'  
 Invert: 711.8'  
 Rim to Invert: 4'

Sump: 0"  
 Floor (Top): 711.8'  
 Floor Height: 8"

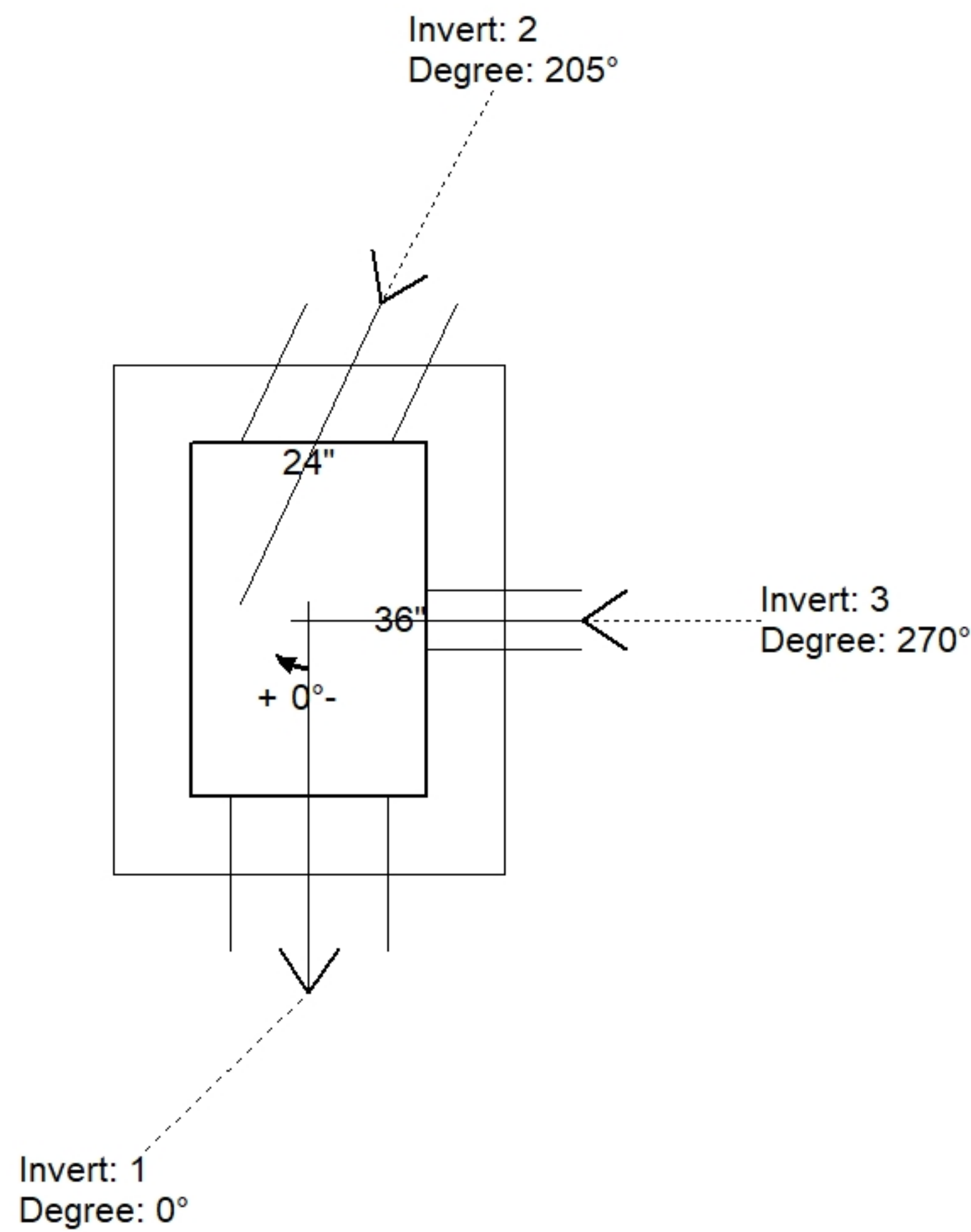
Floor (Bot): 711.133'  
 Overall Height: 4.667'  
 Slack: 0"

**Structure Notes:**

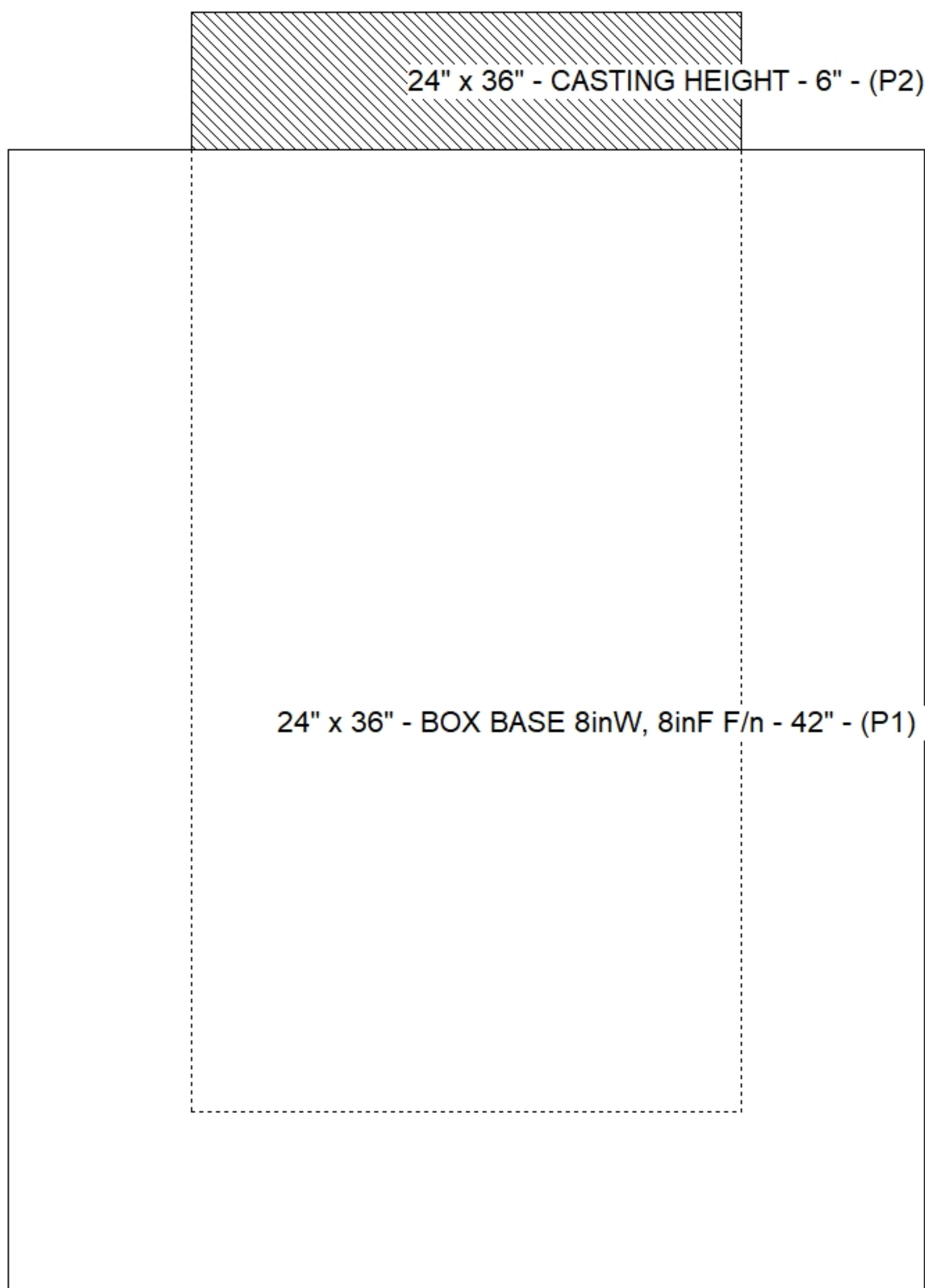
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. HOE 525 PROVIDED BY ICAST.
5. REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

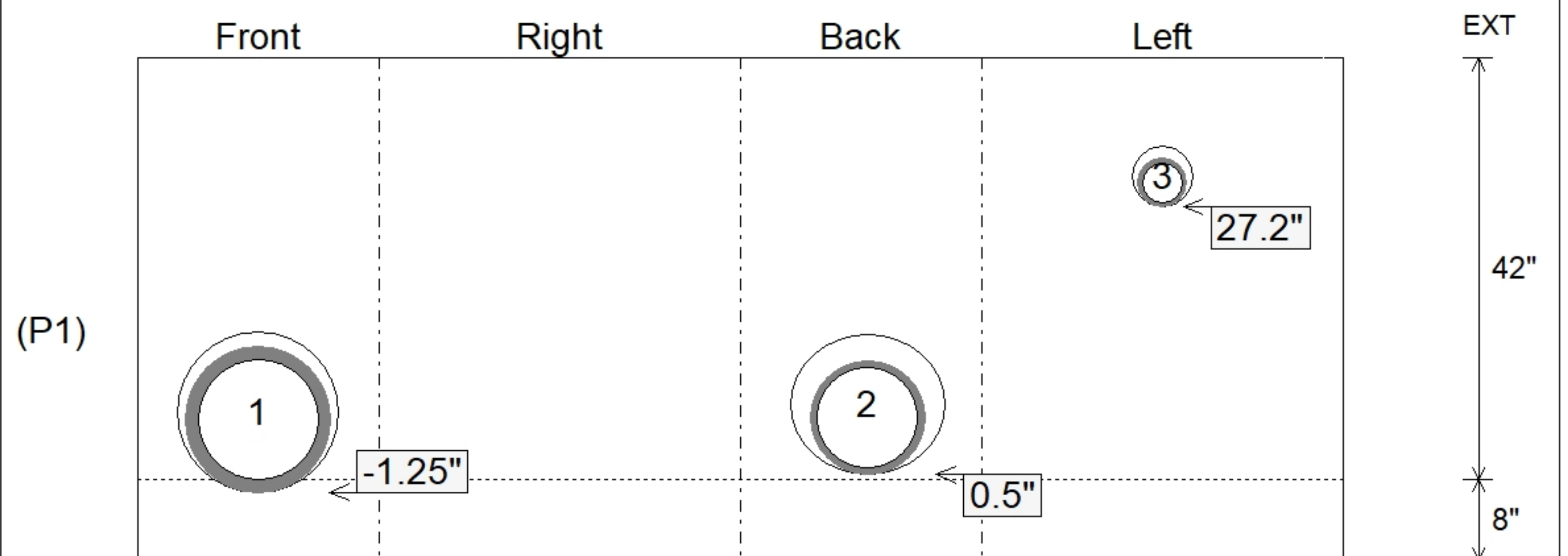
|   |                |
|---|----------------|
| P2) 24" x 36" - CASTING HEIGHT - 6"           | 0 lb           |
| P1) 24" x 36" - BOX BASE 8inW, 8inF F/n - 42" | 5414 lb        |
| 1) CASTING - HOE 525 LV SET (F/G/H)           | 442 lb         |
| 1) 24" x 36" - SGL 1"x14.5' Butyl             | 0 lb           |
| 1) Hole - 16                                  | 0 lb           |
| 1) Hole - 14                                  | 0 lb           |
| 1) Hole - 6                                   | 0 lb           |
| <b>Structure Total:</b>                       | <b>5856 lb</b> |



| Position | Elev   | Angle | Pipe                | Pipe OD | Hole | Connector | Up (") | Ref |
|----------|--------|-------|---------------------|---------|------|-----------|--------|-----|
| Rim      | 715.8' |       |                     |         |      |           |        |     |
| Reducer  |        |       |                     |         |      |           |        |     |
| Invert 1 | 711.8' | 0°    | 12" HDPE            | 14.5"   | 16"  | Hole 16   | -1.25" | P1  |
| Invert 2 | 711.9' | 205°  | 10" HDPE            | 11.4"   | 14"  | Hole 14   | 0.5"   | P1  |
| Invert 3 | 714.1' | 270°  | 4" HDPE (perf pipe) | 4.8"    | 6"   | Hole 6    | 27.2"  | P1  |
| Invert 4 |        |       |                     |         |      |           |        |     |
| Invert 5 |        |       |                     |         |      |           |        |     |
| Invert 6 |        |       |                     |         |      |           |        |     |
| Invert 7 |        |       |                     |         |      |           |        |     |
| Invert 8 |        |       |                     |         |      |           |        |     |



**Default - Interior Dimensions**



Submittal Drawing  
 10/22/2025 10:48:50 AM

SUBMITTAL  
 APPROVED BY: