

Job Name: 25-3431 Plano Bridleton Farms Storm
Job Location: Bowling Green, KY
Contractor: J & J Concrete & Excavating, LLC

PC: E.Bradley
 TECH: C.Russ
 Plant: Beaver Dam



Structure ID: **ST-B2**

Spec: Storm
 Type: BX 8inW, 8inF
 Size: 30" x 120"

Rim: 603.5'
 Invert: 596.55'
 Rim to Invert: 6.95'

Sump: 0"
 Floor (Top): 596.55'
 Floor Height: 8"

Floor (Bot): 595.883'
 Overall Height: 7.354'
 Slack: 3.15"

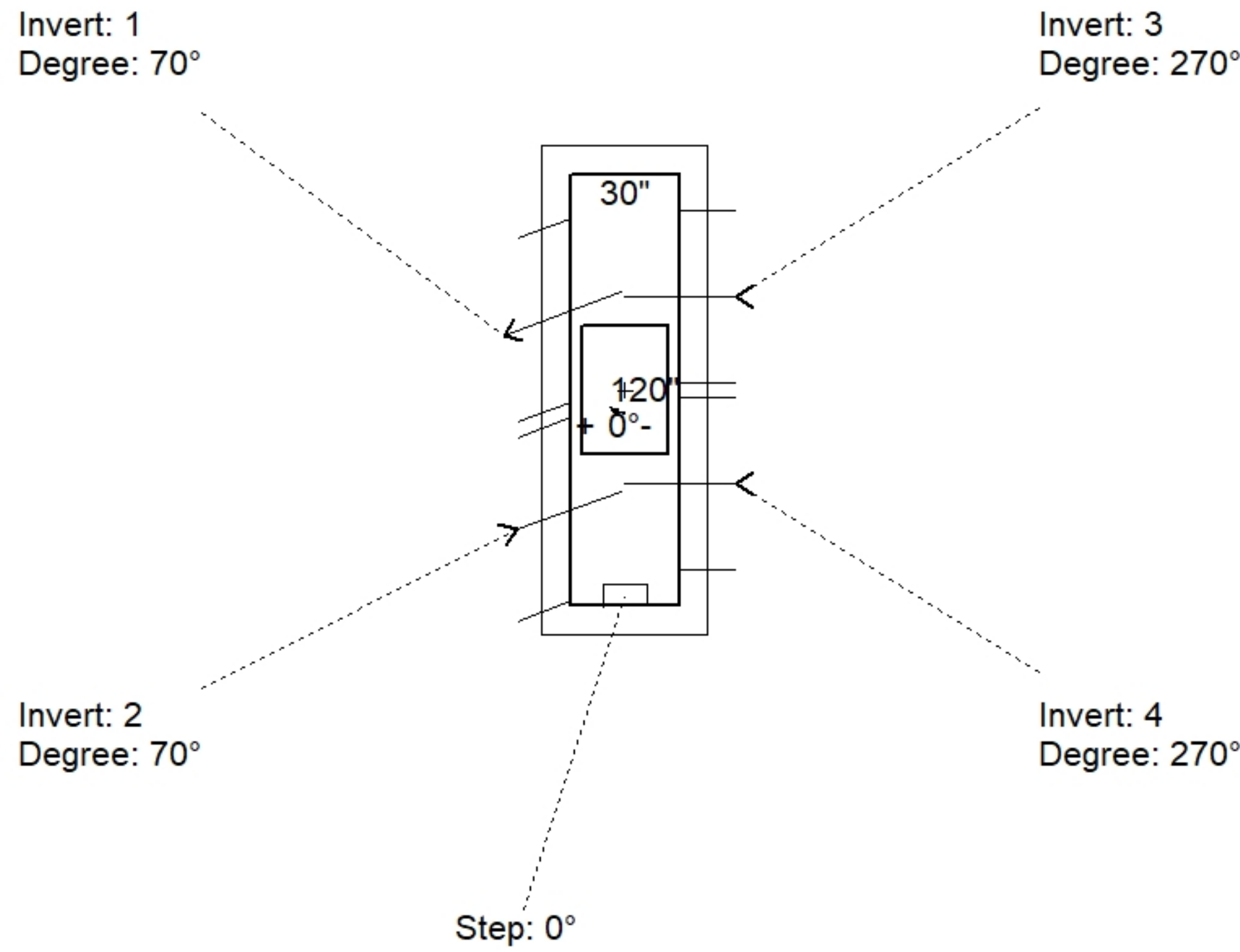
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. EJ 4510 F/G BY ICAST

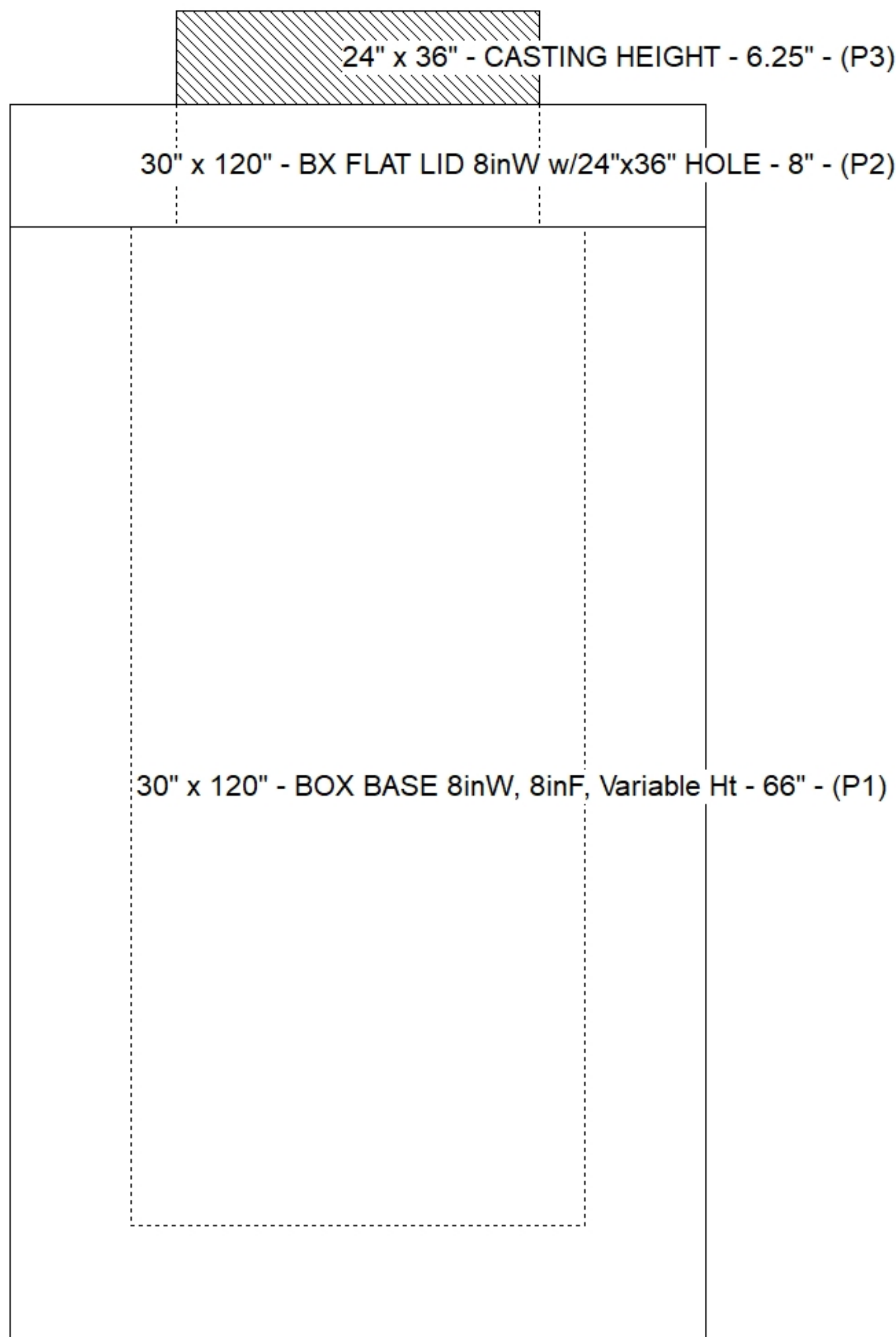
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .36) #5 BARS AT 8" C.C.E.W..
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

STRUCTURE SUMMARY:

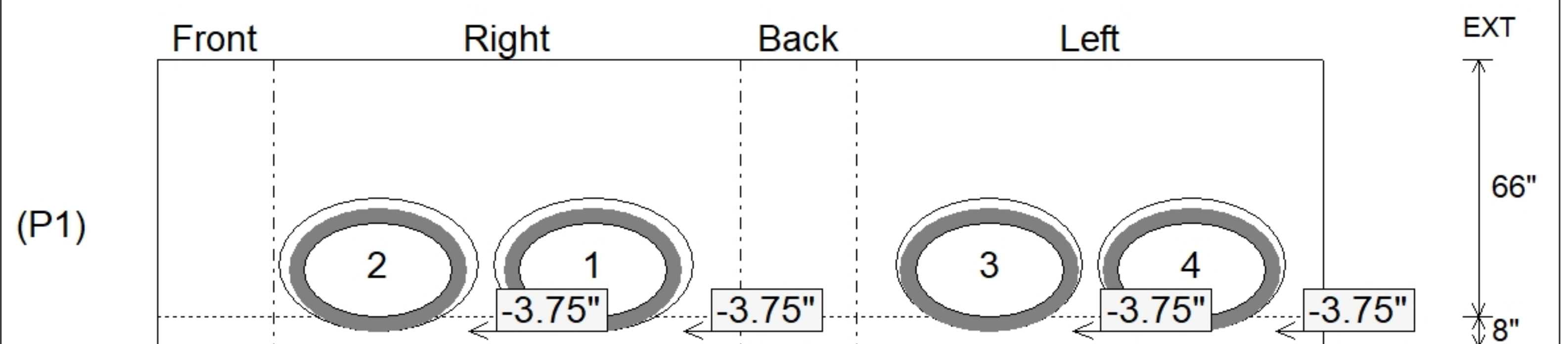
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|---|-----------------|
| P3) 24" x 36" - CASTING HEIGHT - 6.25" | 0 lb |
| P2) 30" x 120" - BX FLAT LID 8inW w/24"x36" HOLE - 8" | 3620 lb |
| P1) 30" x 120" - BOX BASE 8inW, 8inF, Variable Ht - 66" | 15357 lb |
| 1) 24" x 36" - SGL 1"x14.5' Butyl | 0 lb |
| 4) Hole - 48 x 34 | 0 lb |
| 7) MH Step ML-10-TDS-NCR - 10" | 0 lb |
| Structure Total: | 18976 lb |



| Position | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up () | Ref |
|----------|---------|-------|-------------------|---------------|-----------|--------------|--------|-----|
| Rim | 603.5' | | | | | | | |
| Reducer | | | | | | | | |
| Invert 1 | 596.55' | 70° | 38" x 24" ELL RCP | 45.5" x 31.5" | 48" x 34" | Hole 48 x 34 | -3.75" | P1 |
| Invert 2 | 596.55' | 70° | 38" x 24" ELL RCP | 45.5" x 31.5" | 48" x 34" | Hole 48 x 34 | -3.75" | P1 |
| Invert 3 | 596.55' | 270° | 38" x 24" ELL RCP | 45.5" x 31.5" | 48" x 34" | Hole 48 x 34 | -3.75" | P1 |
| Invert 4 | 596.55' | 270° | 38" x 24" ELL RCP | 45.5" x 31.5" | 48" x 34" | Hole 48 x 34 | -3.75" | P1 |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |



Default - Interior Dimensions



Submittal Drawing
 11/3/2025 7:42:55 AM

SUBMITTAL
 APPROVED BY: