

Job Name: 25-3294 Southern Tire Mart Vaults
Job Location: Franklin, KY
Contractor: Warren County Water District

PC: J. Jarvis
 TECH: J. Coppage
 Plant: Beaver Dam



Structure ID: ICAST LI3

Spec: Storm
 Type: BX 6inW, (Open Btm)
 Size: 48" x 90"

Rim: 5.5'
 Invert: 0.33'
 Rim to Invert: 5.17'

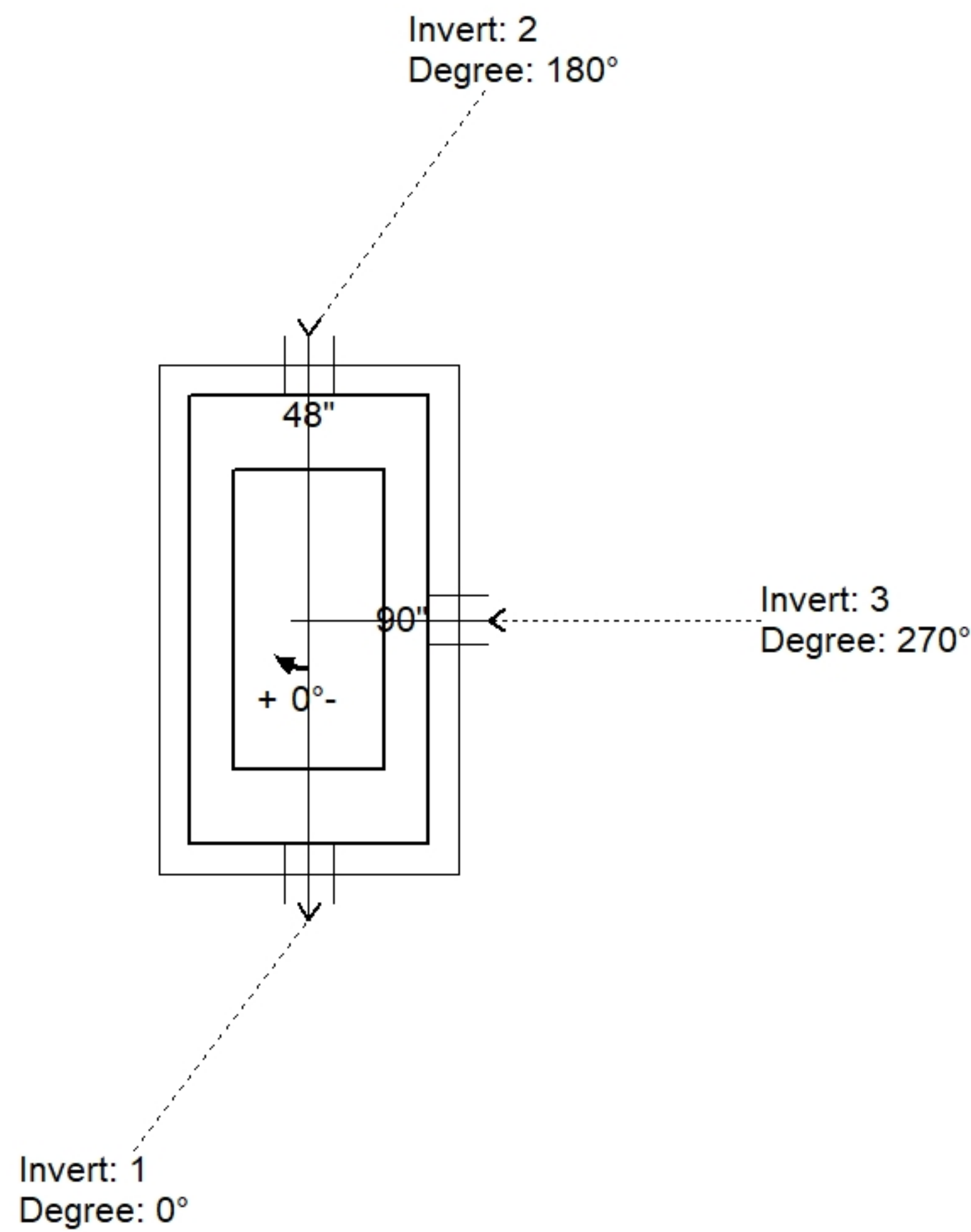
Sump: 4"
 Floor (Top): -0.003'
 Floor Height: 0"

Floor (Bot): -0.003'
 Overall Height: 5.5'
 Slack: 0.04"

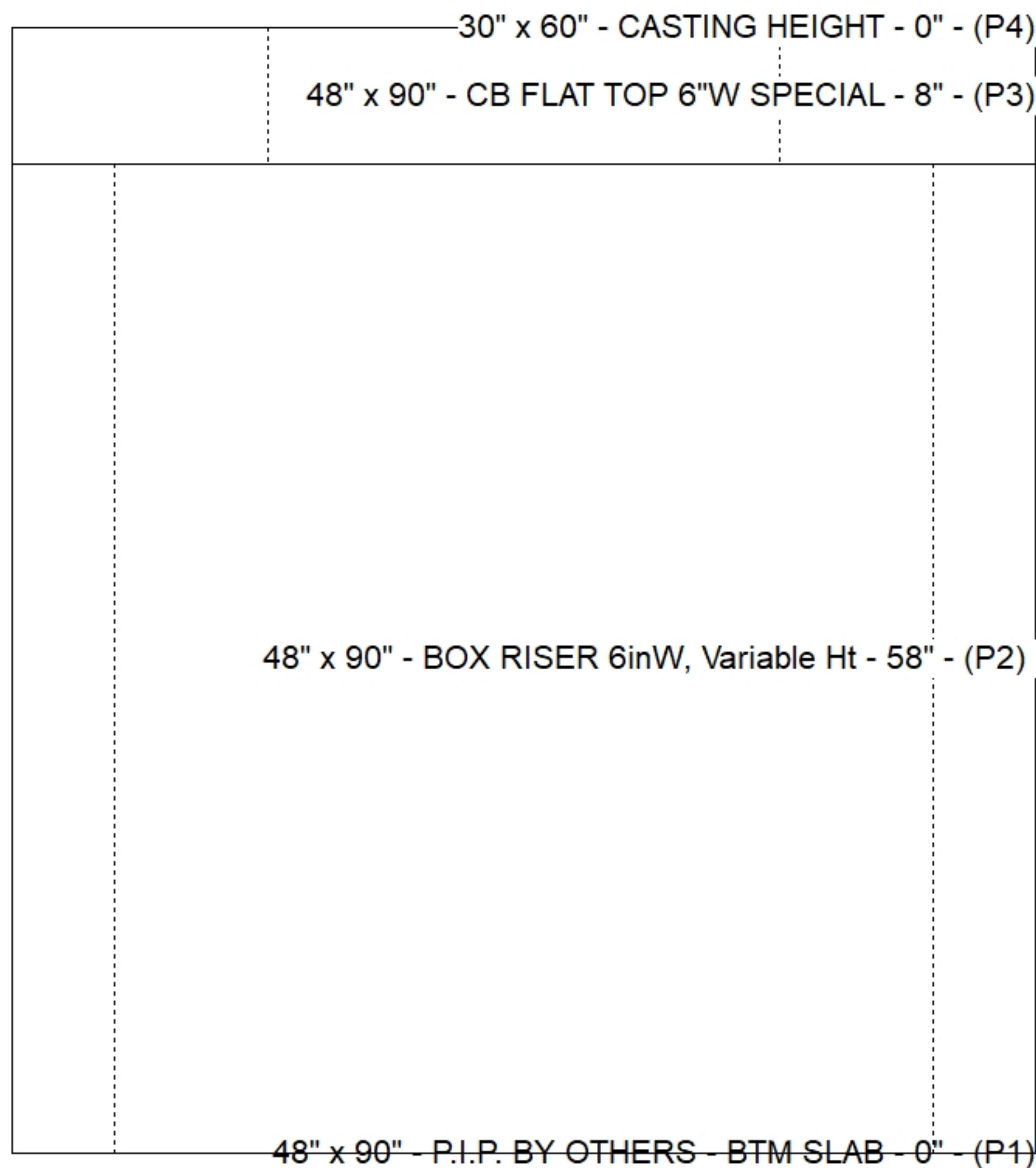
Structure Notes:

STRUCTURE SUMMARY:

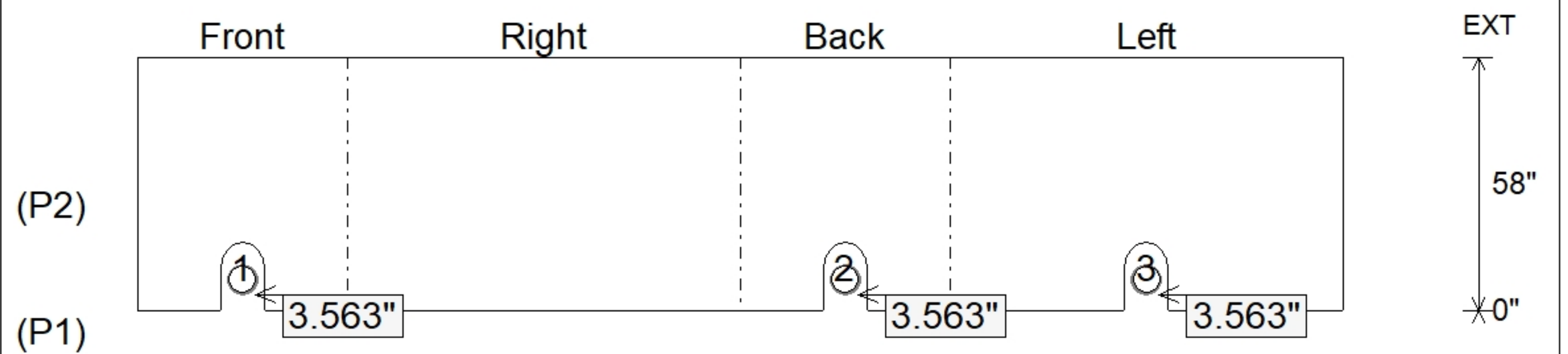
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|---------------------------------------------------|----------|
| P4) 30" x 60" - CASTING HEIGHT - 0" | 0 lb |
| P3) 48" x 90" - CB FLAT TOP 6"W SPECIAL - 8" | 2900 lb |
| P2) 48" x 90" - BOX RISER 6inW, Variable Ht - 58" | 8545 lb |
| P1) 48" x 90" - P.I.P. BY OTHERS - BTM SLAB - 0" | 0 lb |
| 1) HATCH (Alum.) - HALLIDAY W1S 36"x36" | 78 lb |
| 3) DOGHOUSE - 10"x12" | 0 lb |
| | ----- |
| Structure Total: | 11523 lb |



| Position | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up () | Ref |
|----------|-------|-------|-------|---------|-----------|------------------|--------|-----|
| Rim | 5.5' | | | | | | | |
| Reducer | | | | | | | | |
| Invert 1 | 0.33' | 0° | 6" DI | 6.875" | 10" x 12" | DOGHOUSE 10"x12" | 3.563" | P2 |
| Invert 2 | 0.33' | 180° | 6" DI | 6.875" | 10" x 12" | DOGHOUSE 10"x12" | 3.563" | P2 |
| Invert 3 | 0.33' | 270° | 6" DI | 6.875" | 10" x 12" | DOGHOUSE 10"x12" | 3.563" | P2 |
| Invert 4 | | | | | | | | |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |



Default - Interior Dimensions



Submittal Drawing
 10/7/2025 3:20:44 PM

SUBMITTAL
 APPROVED BY: