

**Contractor: Byard Construction, LLC**

Plant: Beaver Dam



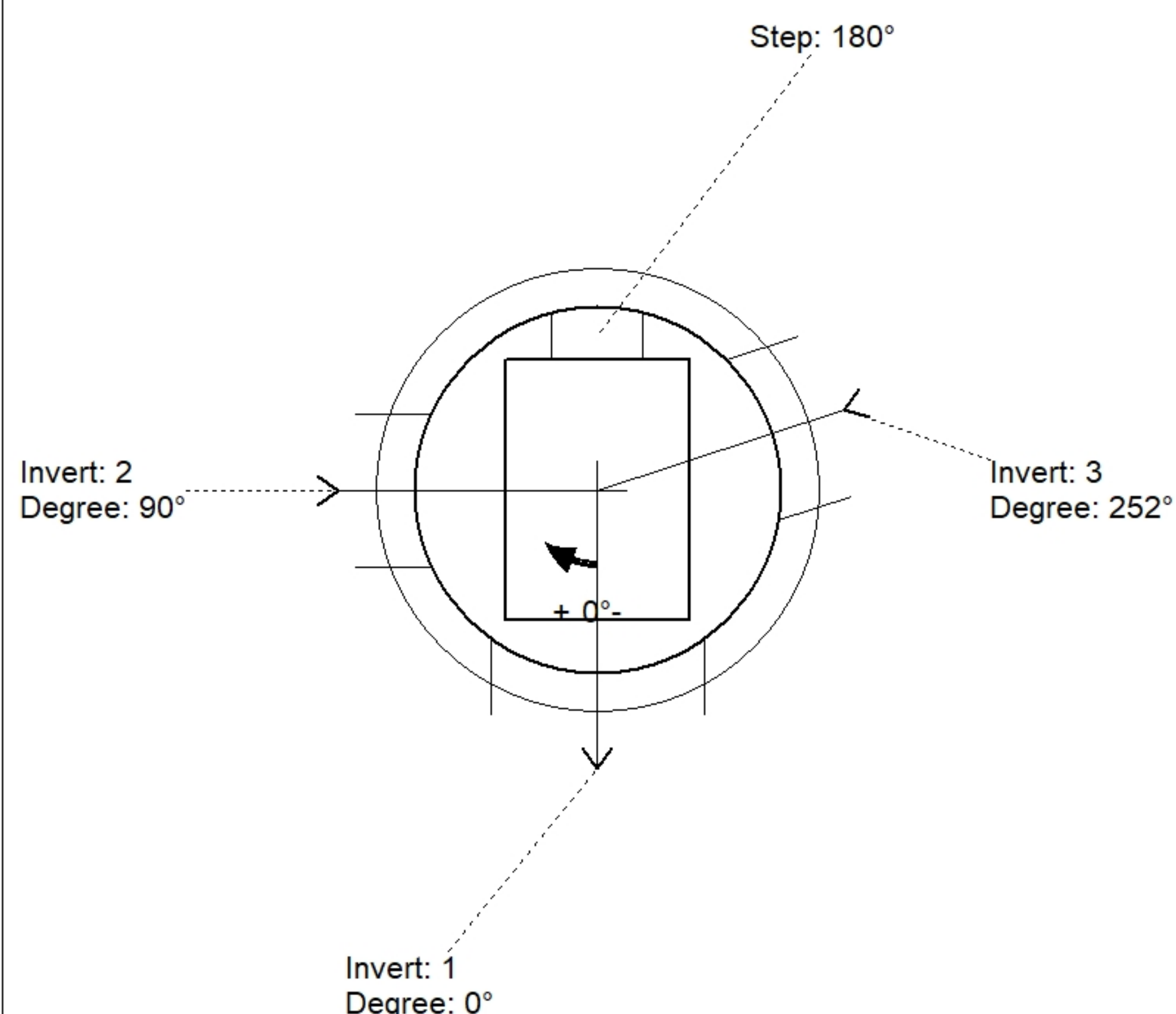
Slack: 0.42"

1. JBS 3080 VANE SET BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
  - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
  - RISER/WALLS (As .12)
  - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

P3) 24" x 34" - CASTING HEIGHT - 6"  
P2) 48" - MH FLAT TOP w/24"x34" Hole - 12"  
P1) 48" - MH BASE Custom Ht - 32"  
1) CASTING - JBS 3080-V SET (F/G/H)  
1) 48" - Conseal CS-102 1.00"  
1) 24" x 34" - Conseal CS-102 1.00"  
1) Hole - 28  
1) Hole - 20  
1) Hole - 22  
3) MH Step ML-10-TDS-NCR - 10"

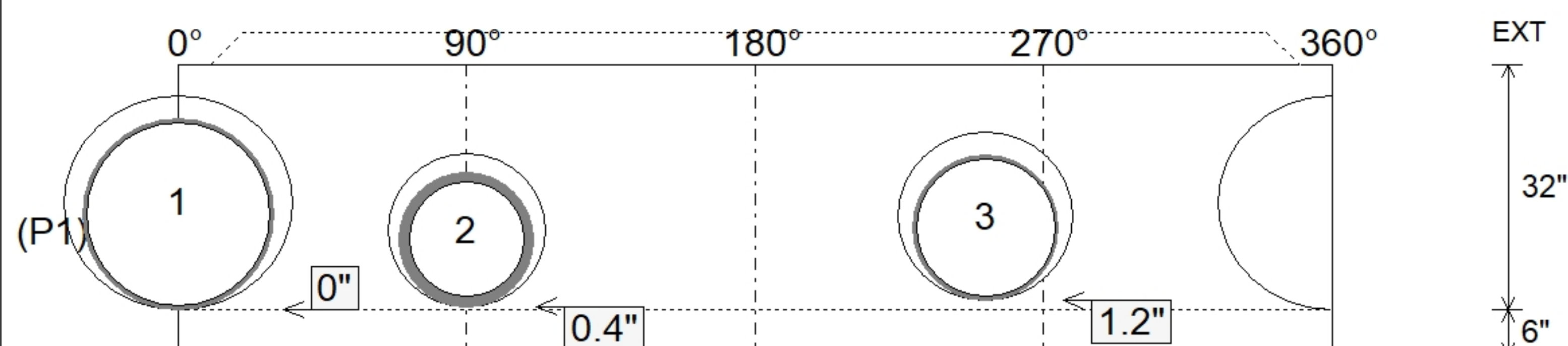
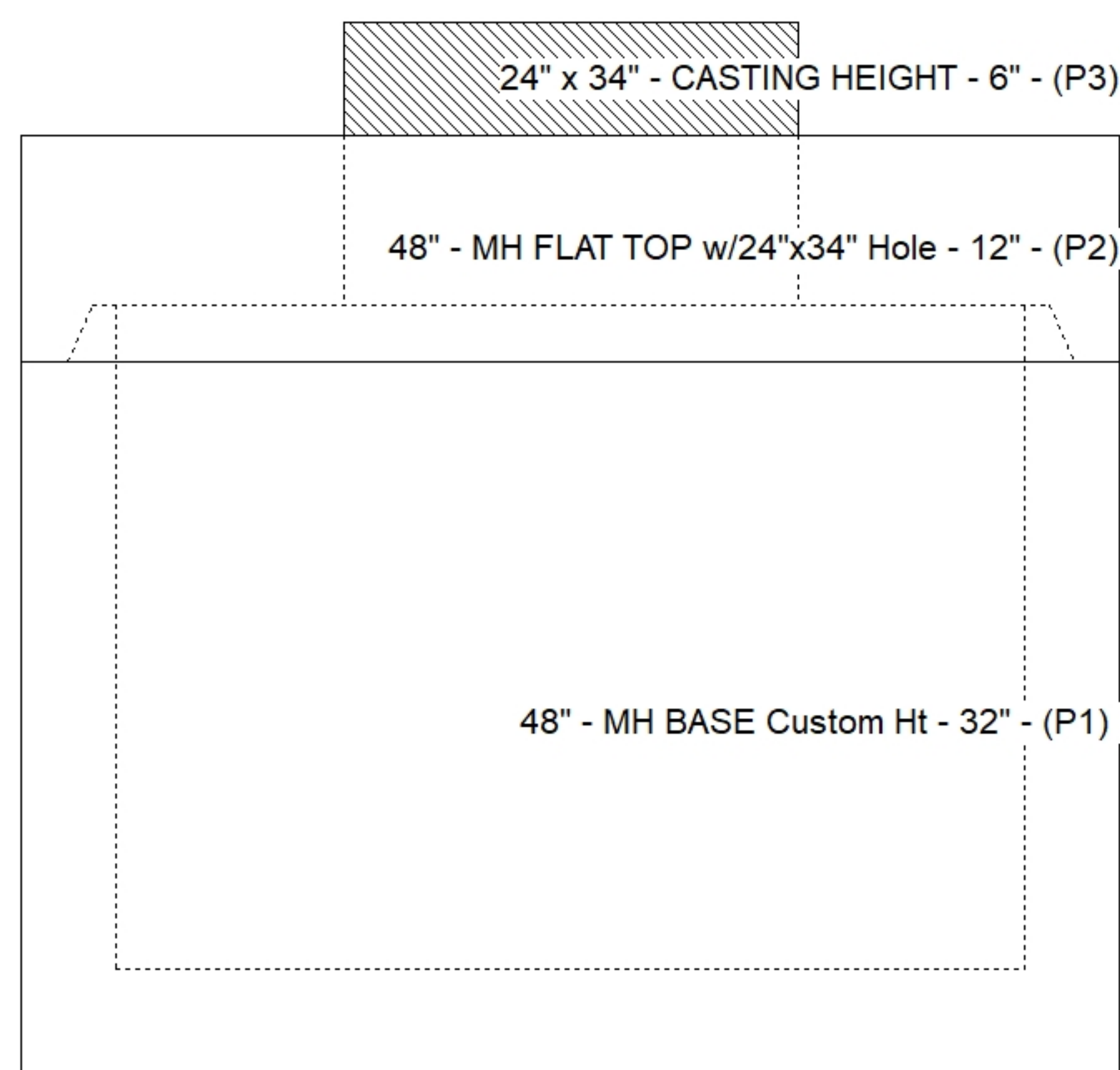
0 lb  
1839 lb  
2993 lb  
500 lb  
0 lb  
0 lb  
0 lb  
0 lb  
0 lb

Structure Total: 5332 lb



| Position | Elev    | Angle | Pipe     | Pipe OD | Hole | Connector | Up ( ) | Ref |
|----------|---------|-------|----------|---------|------|-----------|--------|-----|
| Rim      | 522.78' |       |          |         |      |           |        |     |
| Reducer  |         |       |          |         |      |           |        |     |
| Invert 1 | 518.62' | 0°    | 24" CMP  | 25"     | 28"  | Hole 28   | 0"     | P1  |
| Invert 2 | 518.72' | 90°   | 15" HDPE | 17.6"   | 20"  | Hole 20   | 0.4"   | P1  |
| Invert 3 | 518.72' | 252°  | 18" CMP  | 19"     | 22"  | Hole 22   | 1.2"   | P1  |
| Invert 4 |         |       |          |         |      |           |        |     |
| Invert 5 |         |       |          |         |      |           |        |     |
| Invert 6 |         |       |          |         |      |           |        |     |
| Invert 7 |         |       |          |         |      |           |        |     |
| Invert 8 |         |       |          |         |      |           |        |     |

### Default - Interior Dimensions



SUBMITTAL  
APPROVED BY: