

**Contractor: ADS Advanced Drainage Systems, Inc.**

Plant: Beaver Dam



Spec: Storm-Pipe Centered  
Type: STM.MH  
Size: 48"

|                      |                      |
|----------------------|----------------------|
| Rim: 456.02'         | Sump: 81"            |
| Invert: 448.99'      | Floor (Top): 442.24' |
| Rim to Invert: 7.03' | Floor Height: 6"     |

Floor (Bot): 441.74'  
Overall Height: 14.083'  
Slack: 2.36"

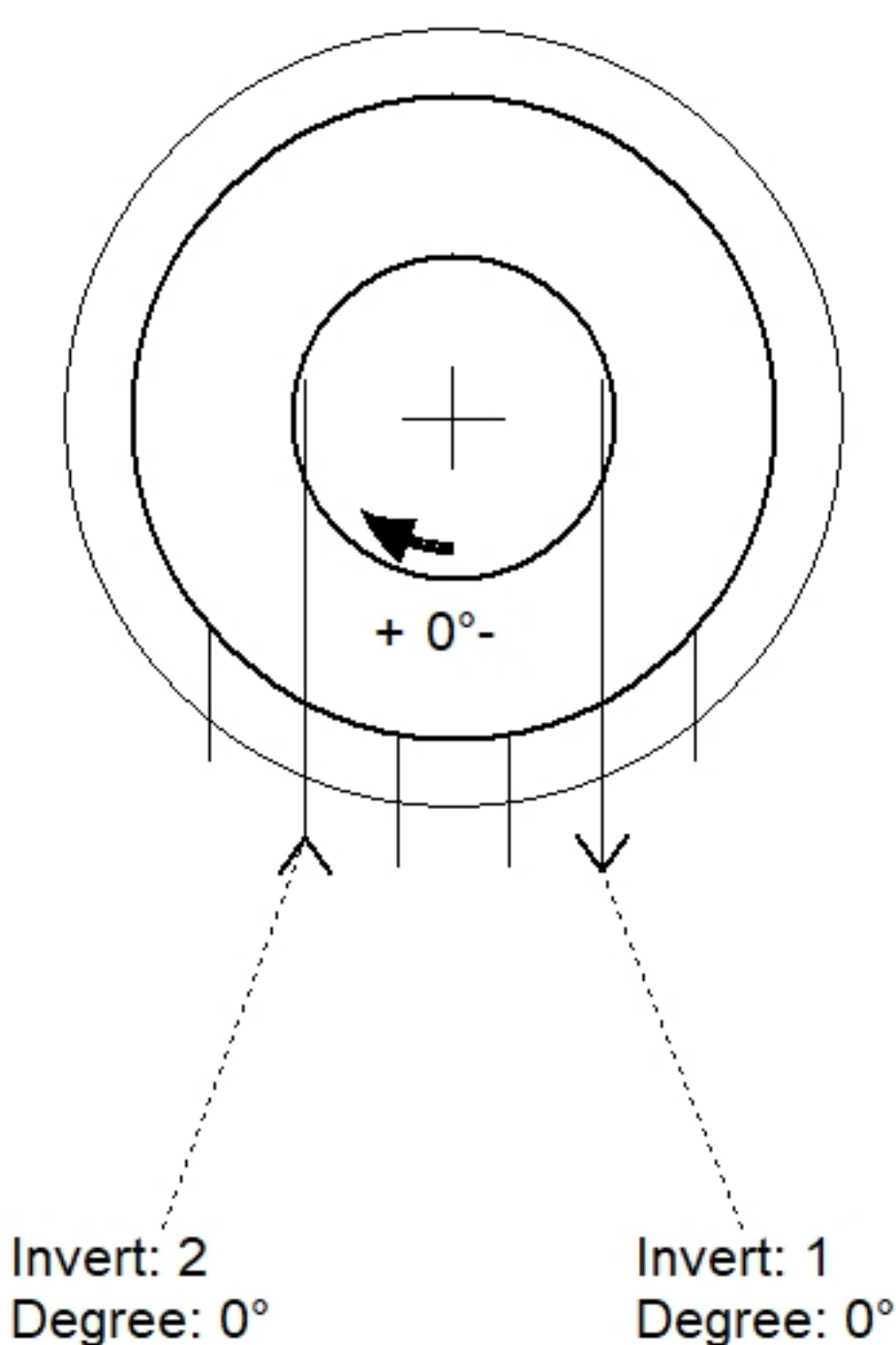
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE
4. CASTING BY ICAST (HOE MC-375 F/C "STORM").

REINFORCING PER ASTM A615 (GRADE 60).

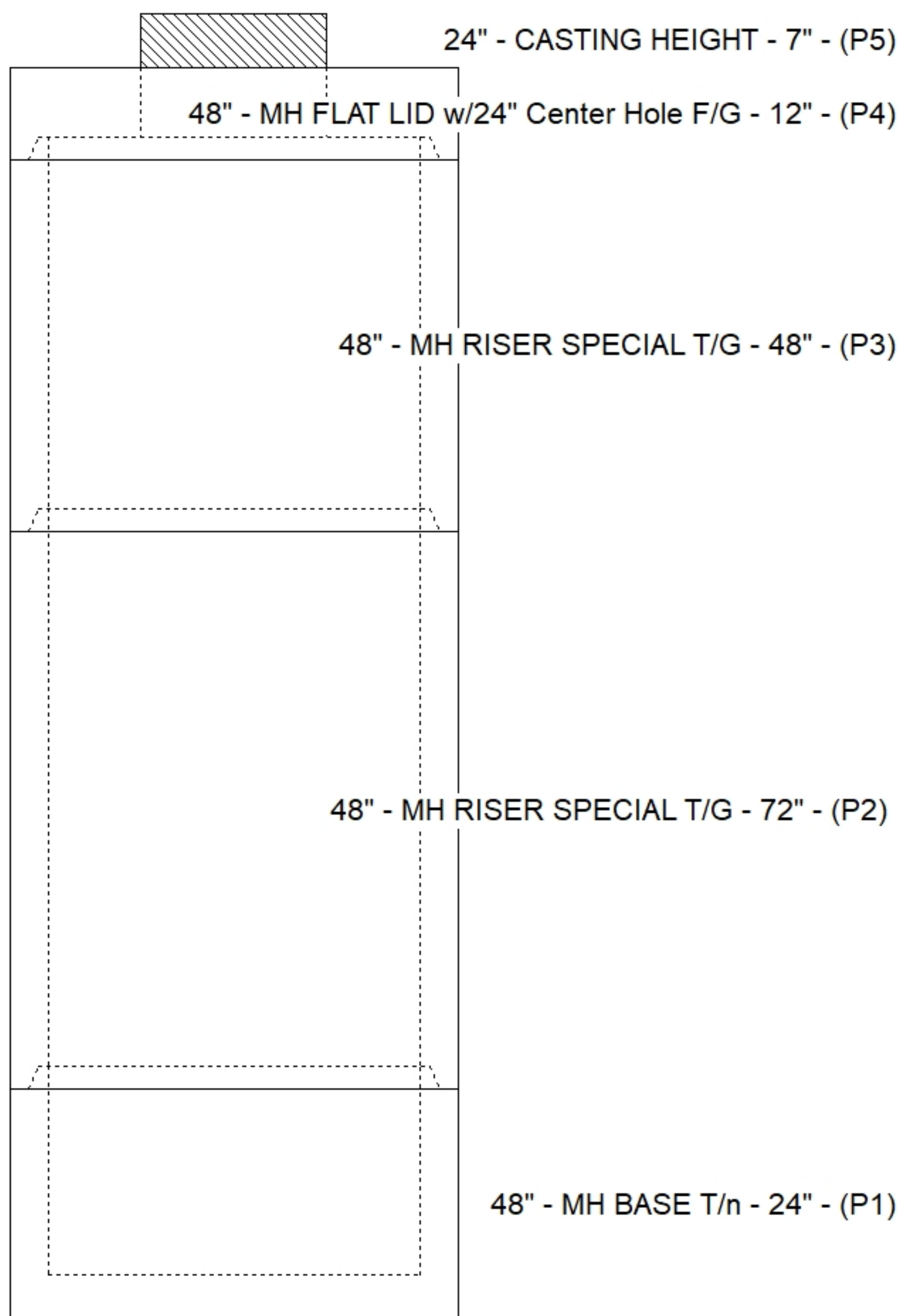
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

|                                                   |         |
|---------------------------------------------------|---------|
| P5) 24" - CASTING HEIGHT - 7"                     | 0 lb    |
| P4) 48" - MH FLAT LID w/24" Center Hole F/G - 12" | 1580 lb |
| P3) 48" - MH RISER SPECIAL T/G - 48"              | 3353 lb |
| P2) 48" - MH RISER SPECIAL T/G - 72"              | 4883 lb |
| P1) 48" - MH BASE T/n - 24"                       | 3007 lb |
| 1) ASSEMBLY REQUIRED                              | 0 lb    |
| 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212       | 0 lb    |
| 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)     | 0 lb    |
| 1) CASTING - HOE MC-375 F/C Storm                 | 271 lb  |
| 3) 48" - Conseal CS-102 1.00" (Double)            | 0 lb    |
| 1) 24" - Conseal CS-102 1.00" (Double)            | 0 lb    |
| 2) Hole - 14                                      | 0 lb    |

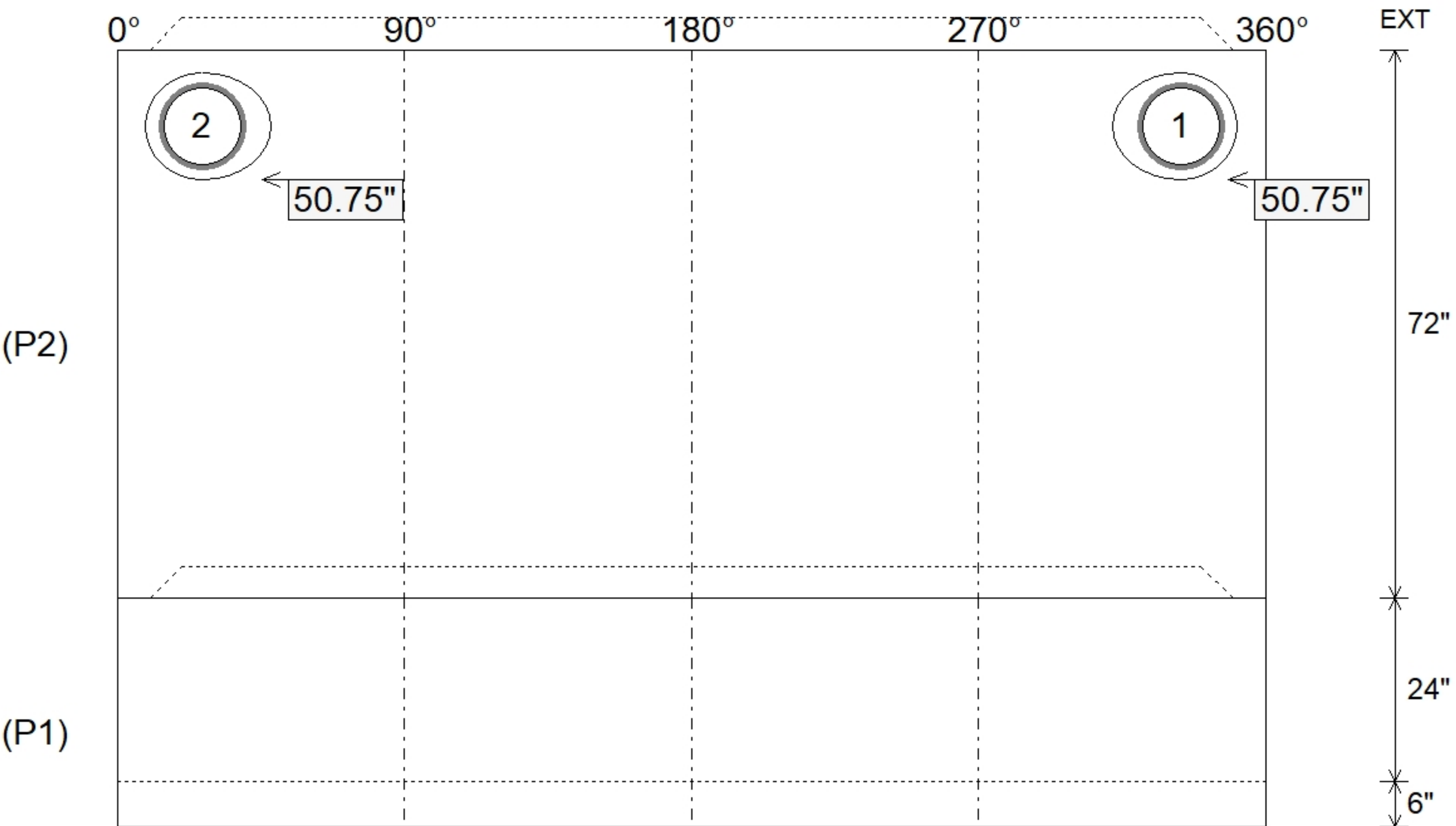
Structure Total: 13094 lb



| Position | Elev    | Angle | Pipe     | Pipe OD | Hole | Connector | Up (') | Ref |
|----------|---------|-------|----------|---------|------|-----------|--------|-----|
| Rim      | 456.02' |       |          |         |      |           |        |     |
| Reducer  |         |       |          |         |      |           |        |     |
| Invert 1 | 448.99' | 0°    | 10" HDPE | 11.4"   | 14"  | Hole 14   | 50.75" | P2  |
| Invert 2 | 448.99' | 0°    | 10" HDPE | 11.4"   | 14"  | Hole 14   | 50.75" | P2  |
| Invert 3 |         |       |          |         |      |           |        |     |
| Invert 4 |         |       |          |         |      |           |        |     |
| Invert 5 |         |       |          |         |      |           |        |     |
| Invert 6 |         |       |          |         |      |           |        |     |
| Invert 7 |         |       |          |         |      |           |        |     |
| Invert 8 |         |       |          |         |      |           |        |     |



### Default - Interior Dimensions



Submittal Drawing  
9/4/2026 2:53:16 PM

SUBMITTAL  
APPROVED BY: