

Contractor: CITCO Water

Plant: 100



Type: Valve Vault w/ConBlock-CDA Red
Size: 60"

Rim: 565'
Invert: 559.083'
Rim to Invert: 5.917'

Sump: 1"
Floor (Top): 559"
Floor Height: 8"

Floor (Bot): 558.333'
Overall Height: 6.25'
Slack: 5.004"

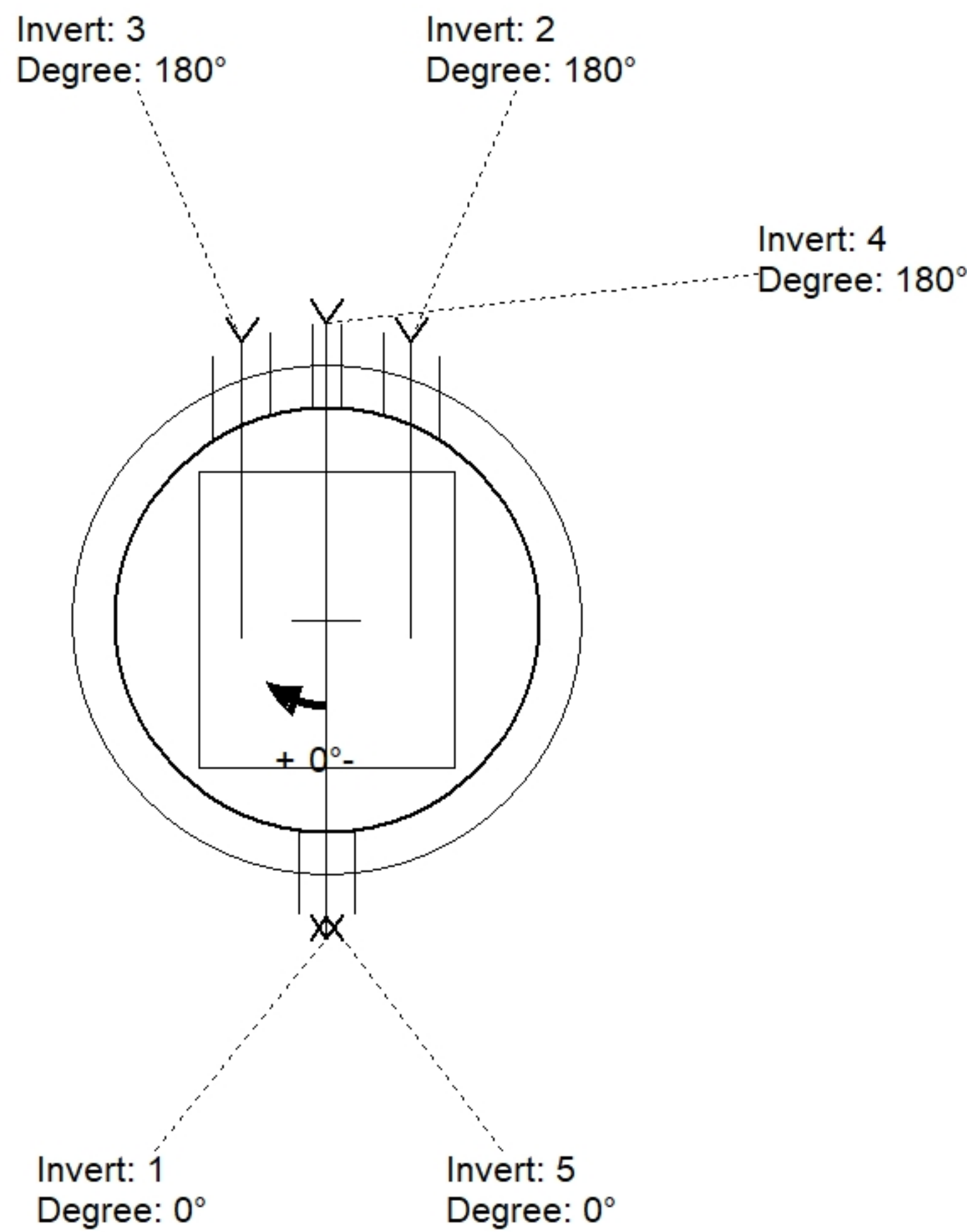
Structure Notes:

1. PER ASCTM C478 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. NO STEPS.
4. ADMIXTURE = CONBLOCK CDA RED.
5. ALUMINUM HATCH SUPPLIED BY OTHERS & CAST IN TOP SLAB BY ICAST. CENTERED LOCATION TO BE VERIFIED.

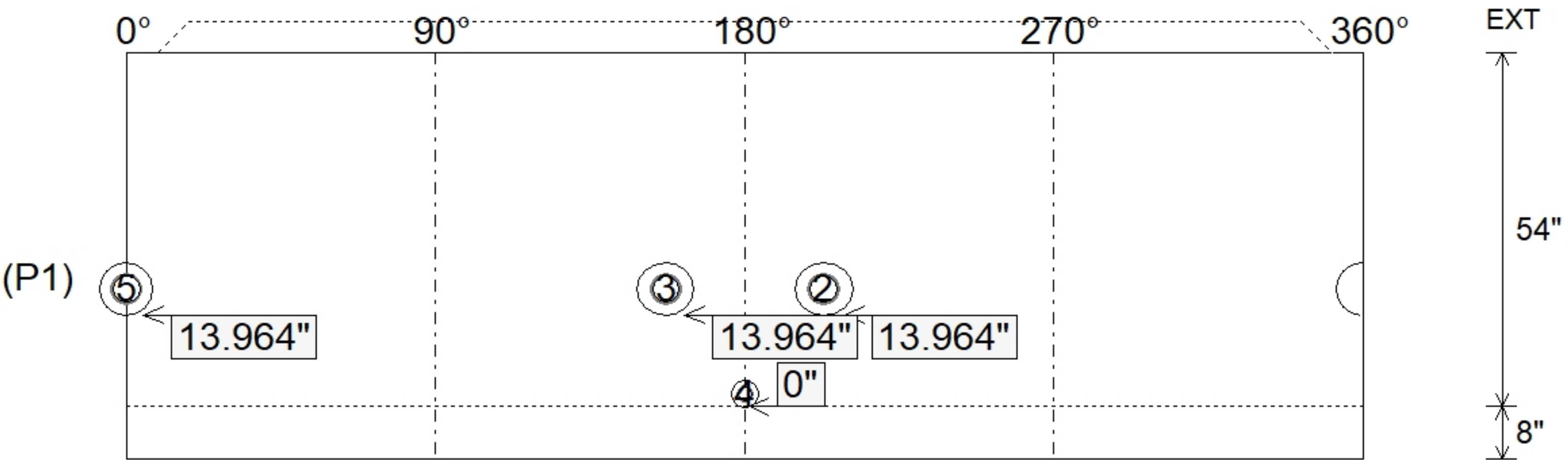
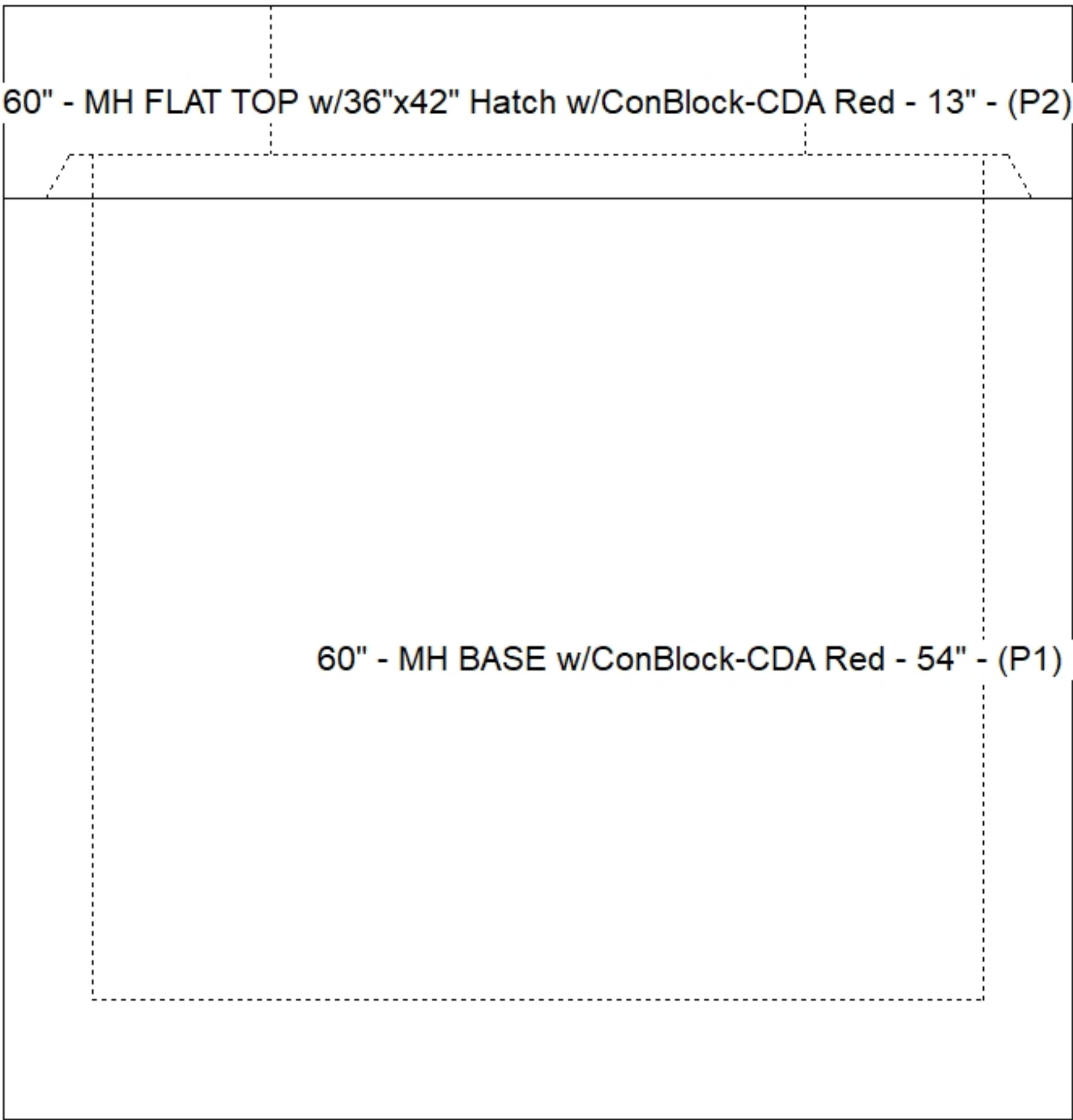
REINFORCING PER ASTM A615 (GRADE 60)
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - RISER/WALLS (As .18)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

- | | |
|--|----------|
| P2) 60" - MH FLAT TOP w/36"x42" Hatch w/ConBlock-CDA Red - 13" | 1993 lb |
| P1) 60" - MH BASE w/ConBlock-CDA Red - 54" | 8259 lb |
| 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 | 0 lb |
| 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) | 0 lb |
| 1) ADMIXTURE CONBLOCK CDA RED | 0 lb |
| 1) 60" - Conseal CS-102 1.00" (Double) | 0 lb |
| 4) Hole - 8 | 0 lb |
| 1) Hole - 4 | 0 lb |
| | <hr/> |
| Structure Total: | 10251 lb |



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	565'							
Reducer								
Invert 1	560.33'	0°	4" DI	4.75"	8"	Hole 8	13.964"	P1
Invert 2	560.33'	180°	4" DI	4.75"	8"	Hole 8	13.964"	P1
Invert 3	560.33'	180°	4" DI	4.75"	8"	Hole 8	13.964"	P1
Invert 4	559.083'	180°	2" DI	2.5"	4"	Hole 4	0"	P1
Invert 5	560.33'	0°	4" DI	4.75"	8"	Hole 8	13.964"	P1
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing
5/13/2026 9:36:13 AM

SUBMITTAL
APPROVED BY: