

Job Name: 25-2860 Grace Park
Job Location: Nashville, TN
Contractor: Elite Building Group Inc.

PC: A.Chambers
 TECH: C.Russ
 Plant: Beaver Dam



Structure ID: **1B**
 Spec: Sanitary-Xypex
 Type: Manhole
 Size: 48"

Rim: 605.64'
 Invert: 602.45'
 Rim to Invert: 3.19'

Sump: 2"
 Floor (Top): 602.283'
 Floor Height: 6"

Floor (Bot): 601.783'
 Overall Height: 3.833'
 Slack: 0.28"

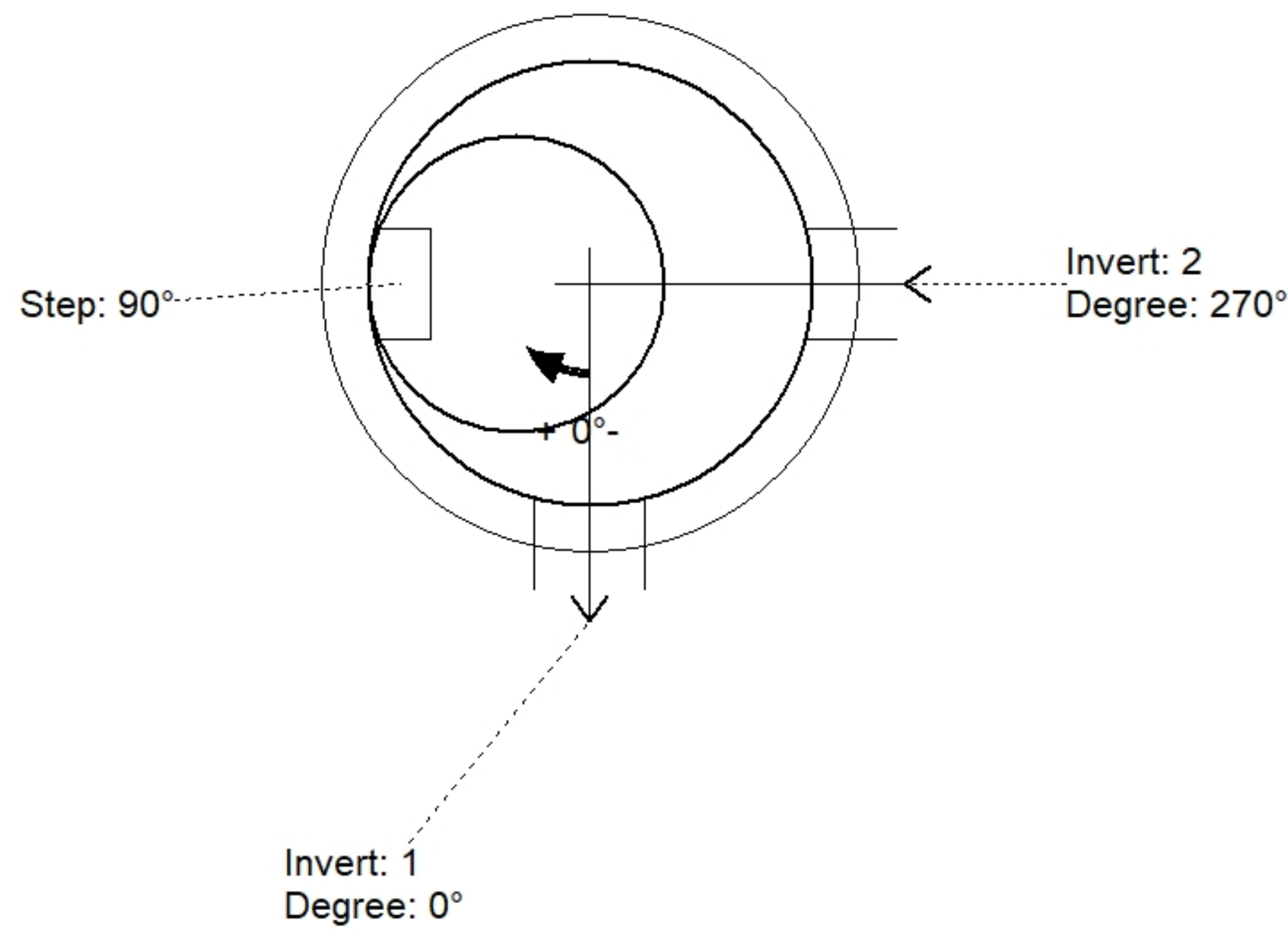
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY OTHERS

REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

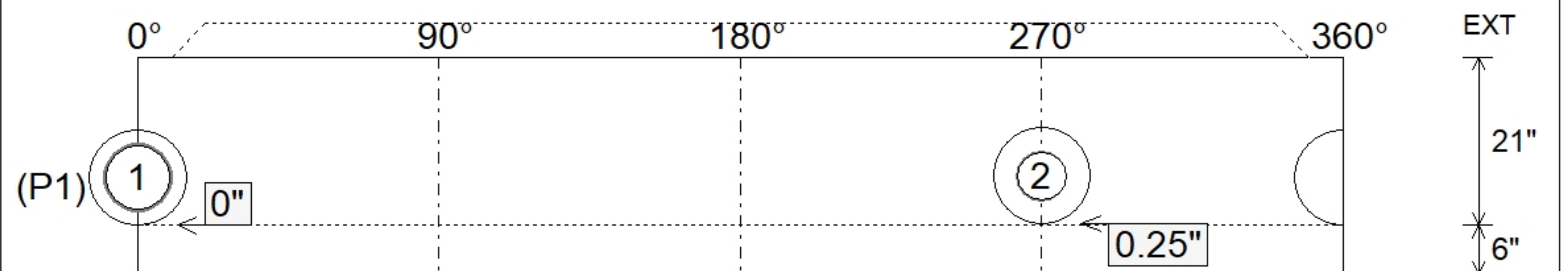
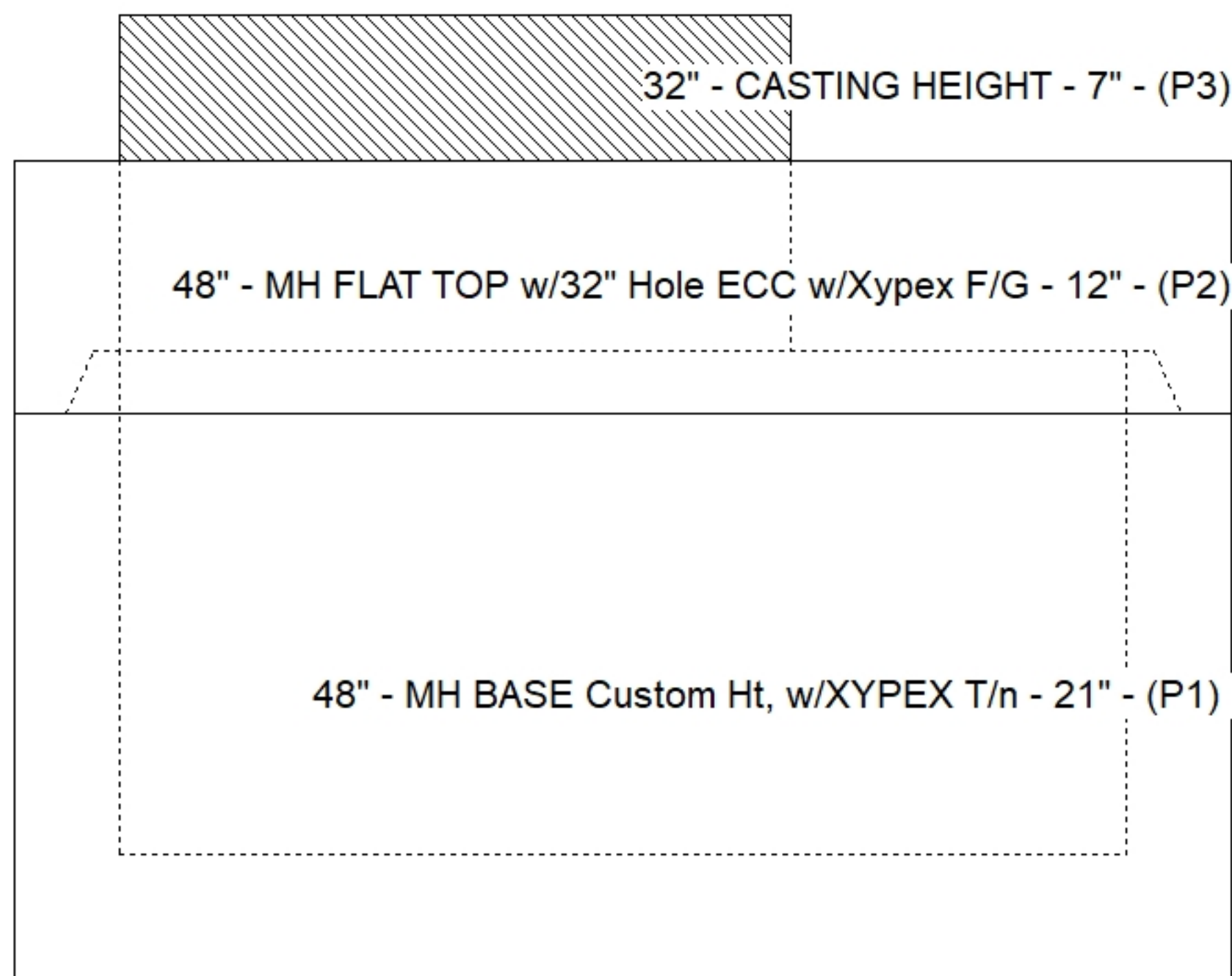
STRUCTURE SUMMARY:

| | |
|--|----------------|
| P3) 32" - CASTING HEIGHT - 7" | 0 lb |
| P2) 48" - MH FLAT TOP w/32" Hole ECC w/Xypex F/G - 12" | 1851 lb |
| P1) 48" - MH BASE Custom Ht, w/XYPEX T/n - 21" | 2701 lb |
| 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT | 1440 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) 48" - DBL 1"x14.5' Butyl (2x) | 0 lb |
| 1) PSX - 12-08 NYLO | 8 lb |
| 1) PSX - 12-06 NYLO | 8 lb |
| Structure Total: | 6008 lb |



| Position | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up () | Ref |
|----------|---------|-------|--------------|---------|------|----------------|--------|-----|
| Rim | 605.64' | | | | | | | |
| Reducer | | | | | | | | |
| Invert 1 | 602.45' | 0° | 8" PVC SDR35 | 8.5" | 12" | PSX 12-08 NYLO | 0" | P1 |
| Invert 2 | 602.55' | 270° | 6" PVC SDR35 | 6.25" | 12" | PSX 12-06 NYLO | 0.25" | P1 |
| Invert 3 | | | | | | | | |
| Invert 4 | | | | | | | | |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/14/2025 3:20:36 PM

SUBMITTAL
 APPROVED BY: