

**Contractor: Garney Companies, Inc.**

Plant: 100



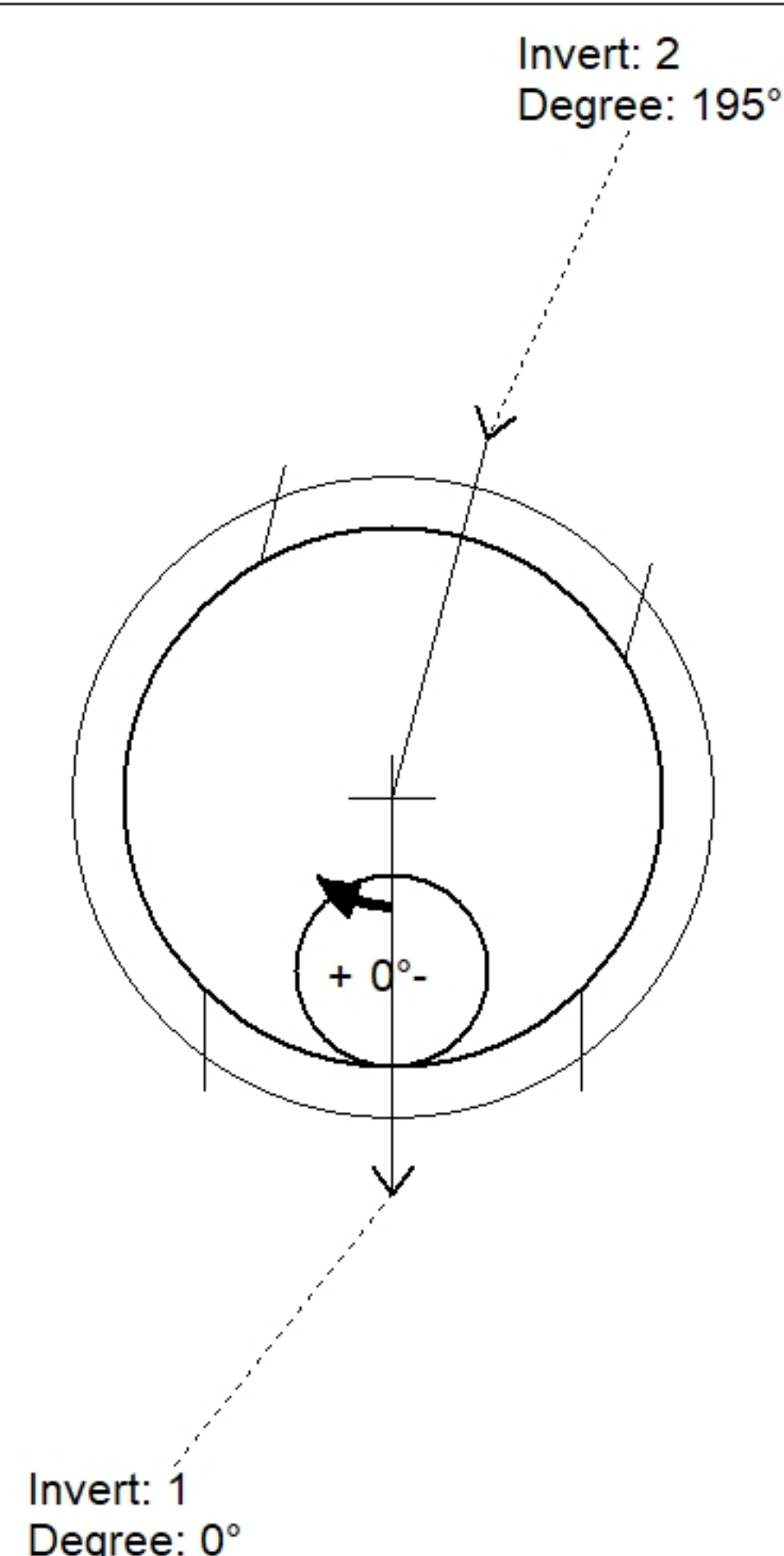
Spec: Sanitary  
Type: SAN.MH w/Xypex  
Size: 84"

|                       |                       |
|-----------------------|-----------------------|
| Rim: 416.81'          | Sump: 2.5"            |
| Invert: 384.85'       | Floor (Top): 384.642' |
| Rim to Invert: 31.96' | Floor Height: 12"     |

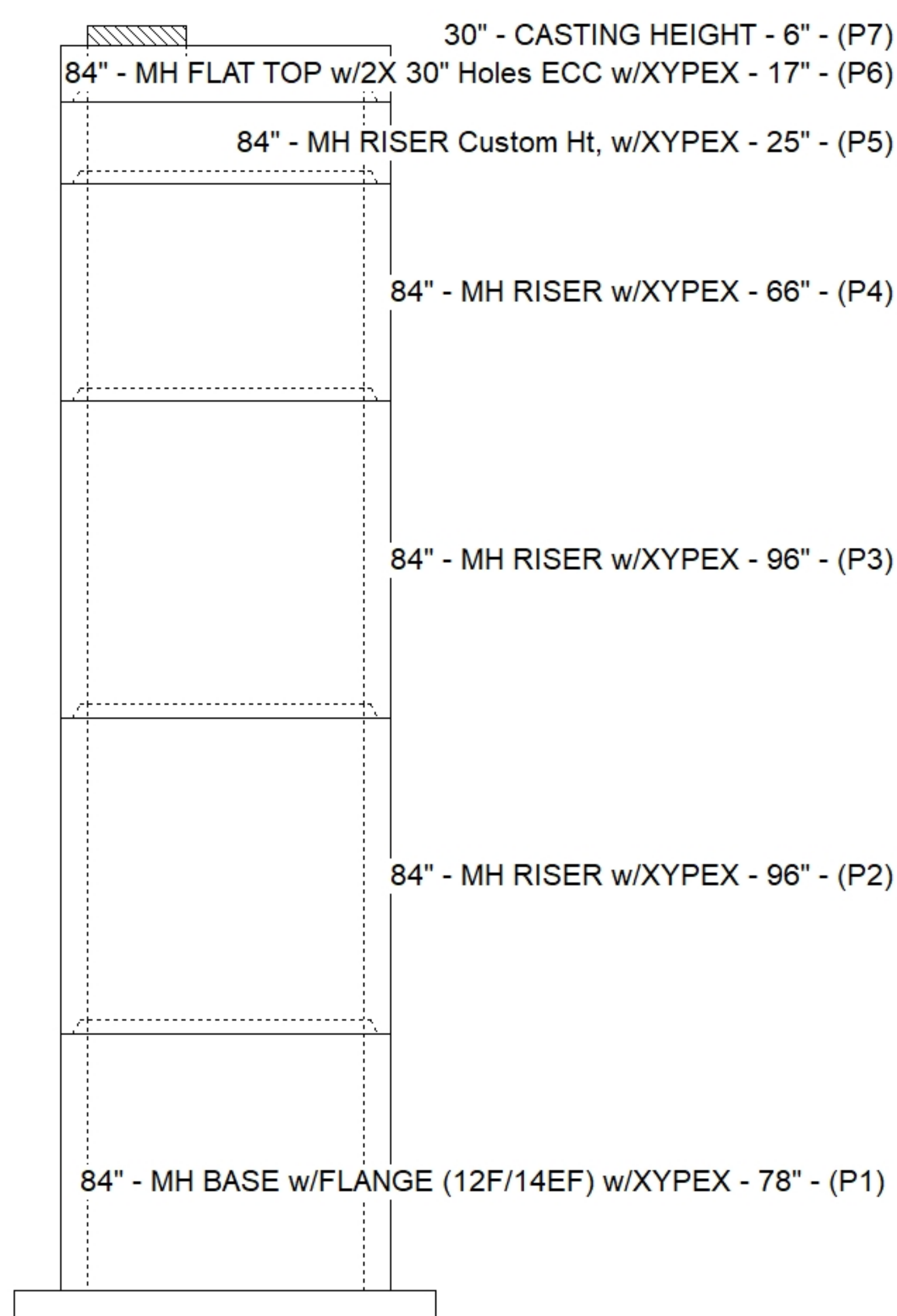
Floor (Bot): 383.642'  
Overall Height: 33'  
Slack: 2.02"

1. JBS 1312 F/C SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. ADMIXTURE = XYPEX C-1000 RED.
5. REINFORCING PER ASTM A615 (GRADE 60).
  - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
  - RISER/WALLS (As .24)
  - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.
6. ANY REQUIRED INTERIOR COATINGS TO BE SUPPLIED & APPLIED BY OTHERS.
7. \*\*NO STEPS\*\*
8. FUTURE RIM ELEVATION - 416.87'

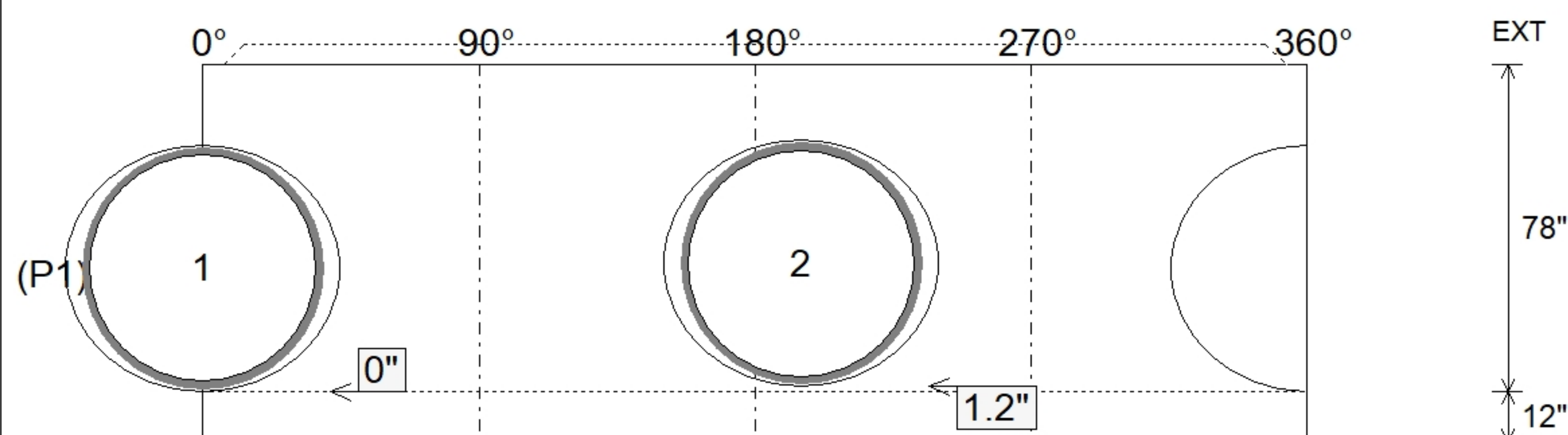
|                                                        |          |
|--------------------------------------------------------|----------|
| P7) 30" - CASTING HEIGHT - 6"                          | 0 lb     |
| P6) 84" - MH FLAT TOP w/2X 30" Holes ECC w/XYPEX - 17" | 6992 lb  |
| P5) 84" - MH RISER Custom Ht, w/XYPEX - 25"            | 4851 lb  |
| P4) 84" - MH RISER w/XYPEX - 66"                       | 12805 lb |
| P3) 84" - MH RISER w/XYPEX - 96"                       | 18626 lb |
| P2) 84" - MH RISER w/XYPEX - 96"                       | 18626 lb |
| P1) 84" - MH BASE w/FLANGE (12F/14EF) w/XYPEX - 78"    | 24093 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 XYPEX C-1000 RED                          | 0 lb     |
| 1) SECONDARY POUR - EXT. FLANGE                        | 0 lb     |
| 2) CASTING - JBS 1312 F/C SANITARY                     | 600 lb   |
| 5) 84" - Conseal CS-102 1.00" (Double)                 | 0 lb     |
| 2) A-Lok - 1840                                        | 2 lb     |
|                                                        | -----    |
| Structure Total:                                       | 86596 lb |



| Position | Elev    | Angle | Pipe   | Pipe OD | Hole | Connector  | Up (↓) | Ref |
|----------|---------|-------|--------|---------|------|------------|--------|-----|
| Rim      | 416.81' |       |        |         |      |            |        |     |
| Reducer  |         |       |        |         |      |            |        |     |
| Invert 1 | 384.85' | 0°    | 54" DI | 57.5"   | 59"  | A-Lok 1840 | 0"     | P1  |
| Invert 2 | 384.95' | 195°  | 54" DI | 57.5"   | 59"  | A-Lok 1840 | 1.2"   | P1  |
| Invert 3 |         |       |        |         |      |            |        |     |
| Invert 4 |         |       |        |         |      |            |        |     |
| Invert 5 |         |       |        |         |      |            |        |     |
| Invert 6 |         |       |        |         |      |            |        |     |
| Invert 7 |         |       |        |         |      |            |        |     |
| Invert 8 |         |       |        |         |      |            |        |     |



### Default - Interior Dimensions



SUBMITTAL  
APPROVED BY: