

Job Name: 25-4623 Bergdolt & Oak Hill Rd Sanitary Sewer Replacement
Job Location: Evansville, IN
Contractor: Deig Bros Lumber & Construction Co, Inc.

PC: A. Chambers
 TECH: J. Horsley
 Plant: 100



Structure ID: **Str. 306 (6)**
 Spec: Sanitary
 Type: SAN.MH w/Ext. Drop/ConBlock-CDA Red
 Size: 48"

Rim: 402.89'
 Invert: 393.93'
 Rim to Invert: 8.96'

Sump: 2"
 Floor (Top): 393.763'
 Floor Height: 6"

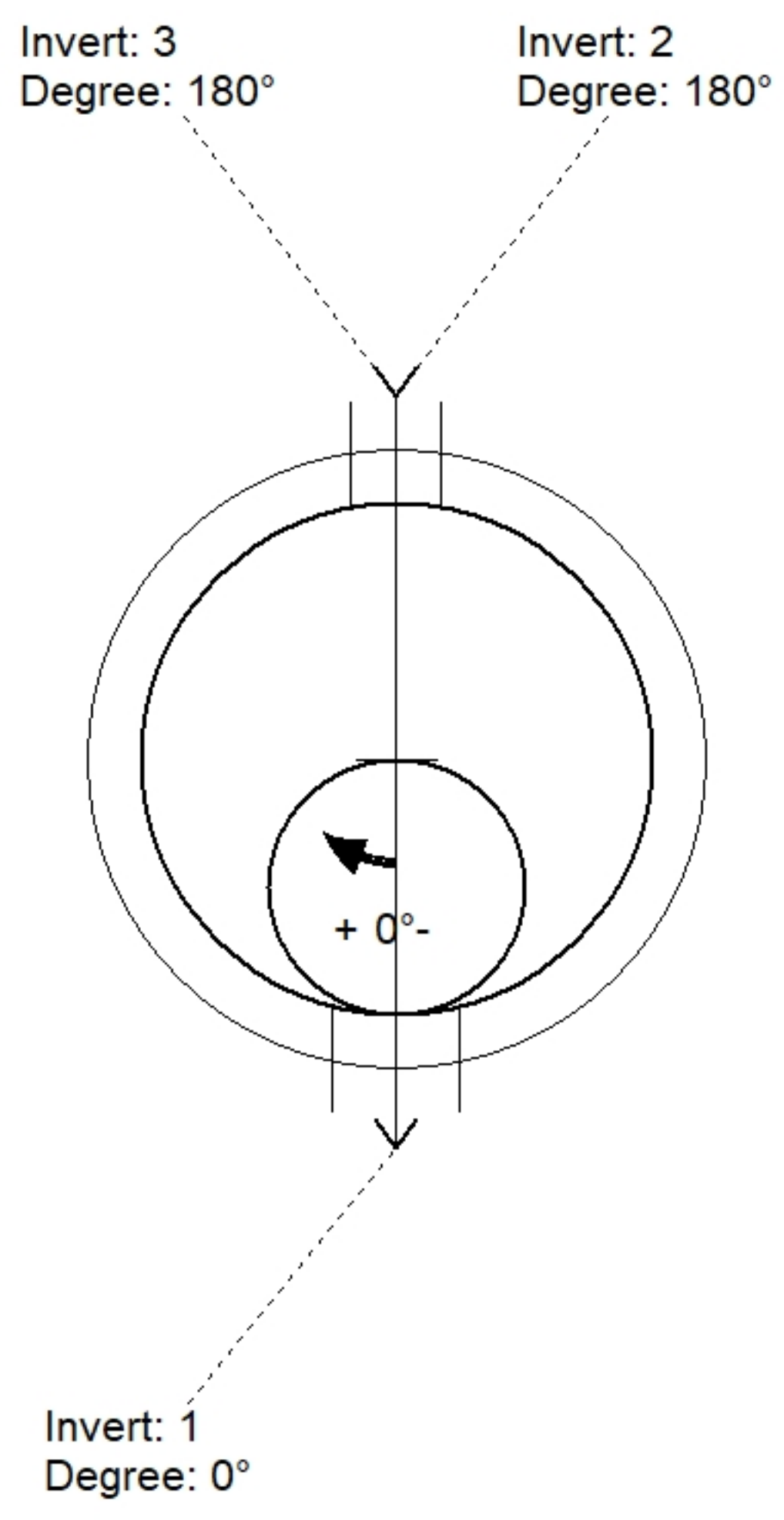
Floor (Bot): 393.263'
 Overall Height: 9.583'
 Slack: 0.52"

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. CASTING BY ICAST (HOE MC-315 F/C).
 5. 8" EXTERIOR DROP ASSEMBLY AT 180°.
 6. NO STEPS.

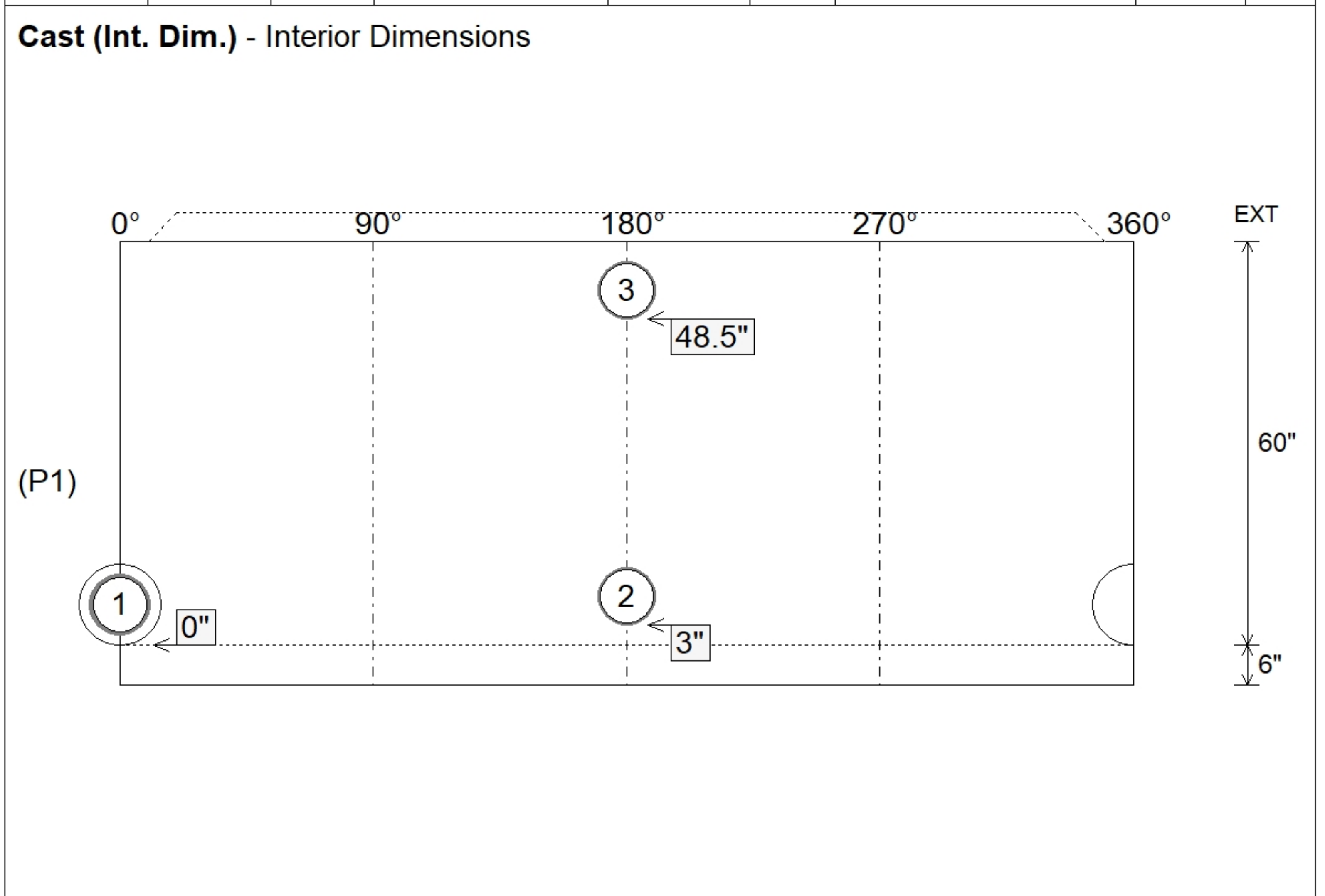
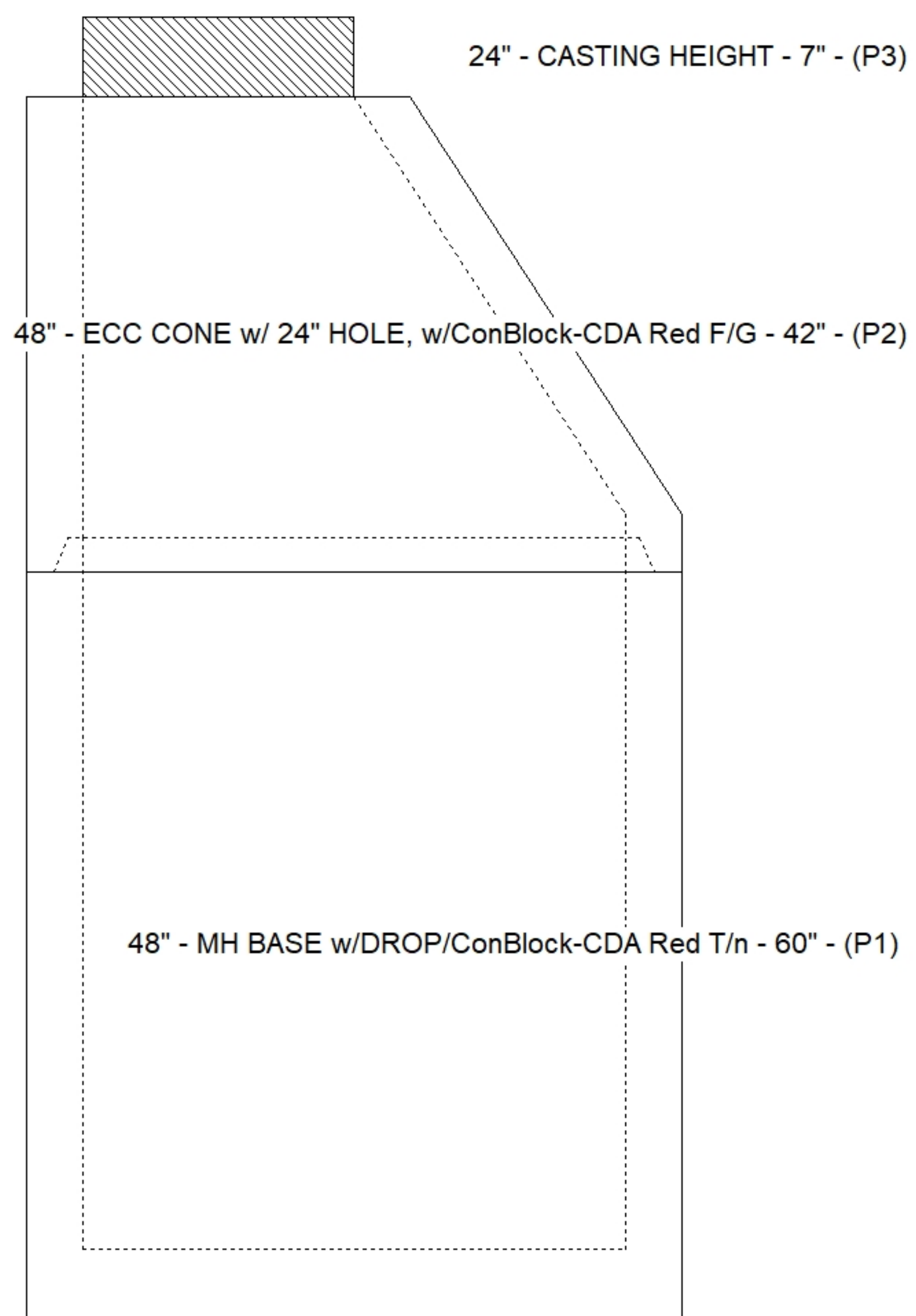
REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red F/G - 42"	3116 lb
P1) 48" - MH BASE w/DROP/ConBlock-CDA Red T/n - 60"	5426 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) ADMIXTURE CONBLOCK CDA RED	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-315 F/C Sanitary	258 lb
1) 48" - Conseal CS-231 1.00" (Double)	0 lb
1) PSX - 12M NYLO	8 lb
1) Drop Elbow - 8" PVC	0 lb
1) Drop Tee - 8" PVC	0 lb
Structure Total:	10248 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	402.89'							
Reducer								
Invert 1	393.93'	0°	8" PVC C900	9.05"	12"	PSX 12M NYLO	0"	P1
Invert 2	394.03'	180°	8" PVC SDR35	8.5"	8.5"	Drop Elbow 8" PVC	3"	P1
Invert 3	397.83'	180°	8" PVC SDR35	8.5"	8.5"	Drop Tee 8" PVC	48.5"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing
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SUBMITTAL
 APPROVED BY: