

Contractor: Hubert Excavating & Contracting

PC:	C. Goff
TECH:	J. Horsley
Plant:	100



Spec: Sanitary
Type: SAN.MH Transition w/Coating
Size: 60"

Rim: 906.05'	Sump: 2.004"
Invert: 894.715'	Floor (Top): 894.548'
Rim to Invert: 11.335'	Floor Height: 8"

Floor (Bot): 893.881'
Overall Height: 12.167'
Slack: 0.024"

Structure Notes:

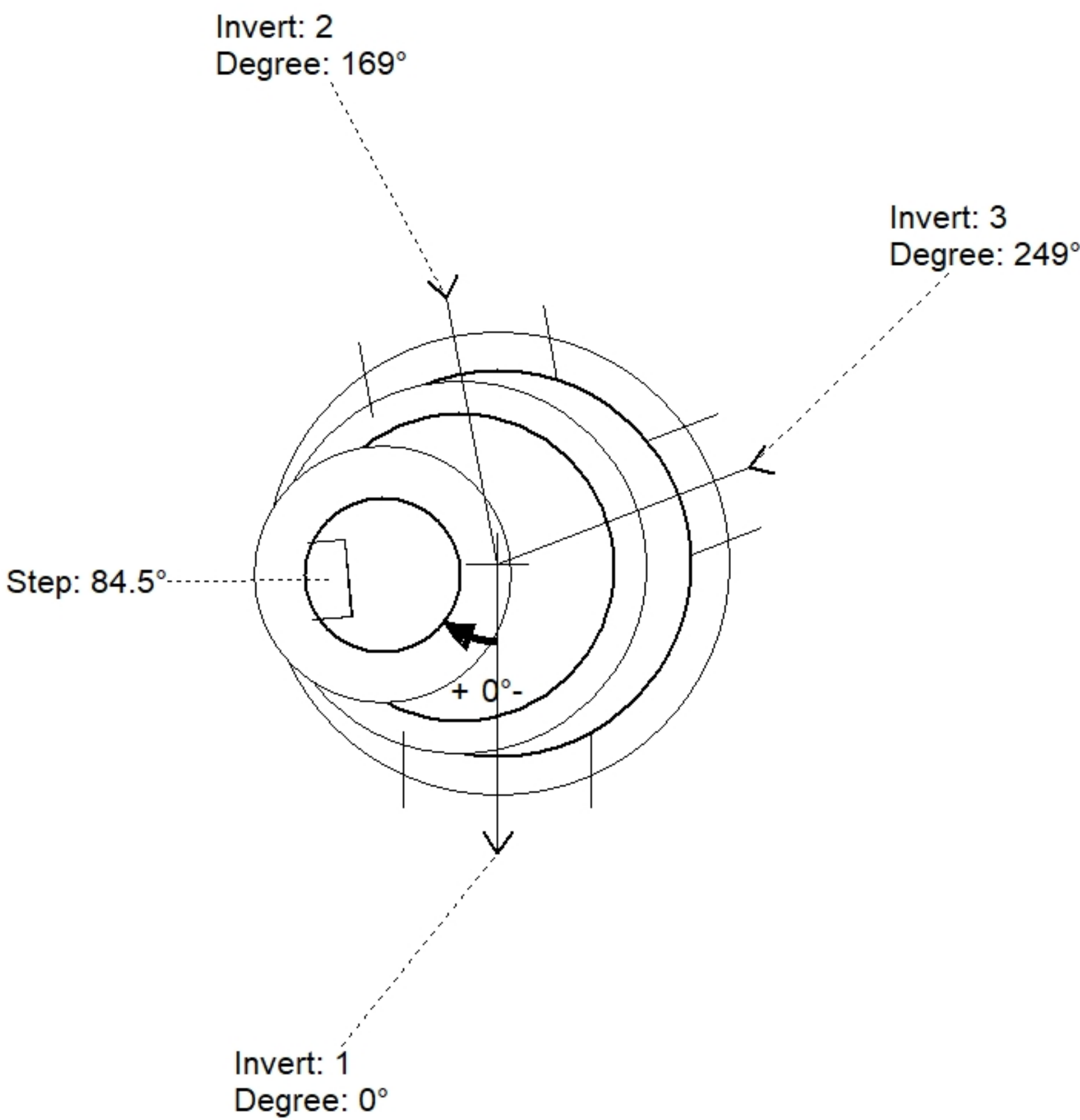
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY OTHERS (HOE WT-375 SAN. F/C)
4. ALL PIECES TO HAVE EXTERIOR COATING (CARBOLINE BITUMASTIC 300M).

REINFORCING PER ASTM A615 (GRADE 60).

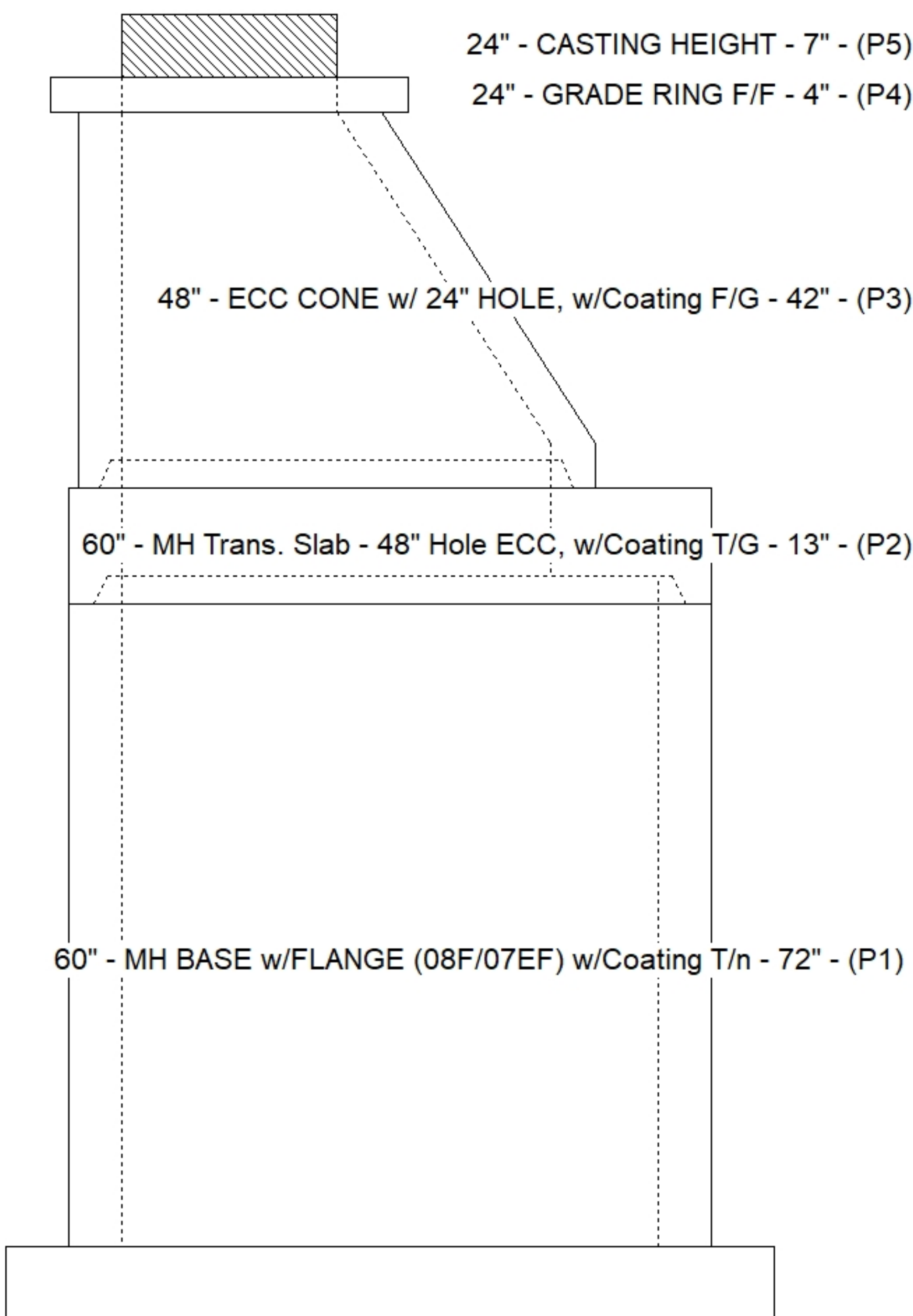
- TRANS. SLAB = HS20 LOADING (PER ATTACHED STAMPED DESIGNS).
- RISER/WALLS (As .18)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

STRUCTURE SUMMARY:

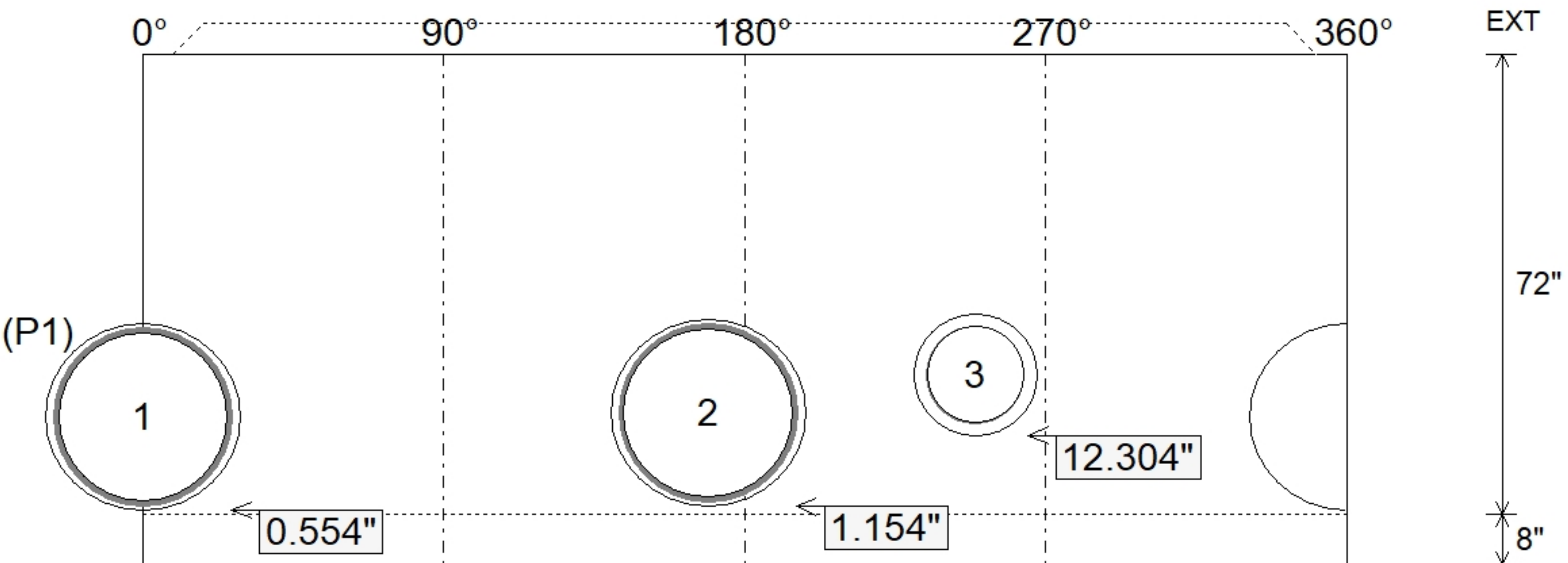
P5)	24" - CASTING HEIGHT - 7"	0 lb
P4)	24" - GRADE RING F/F - 4"	270 lb
P3)	48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 42"	3116 lb
P2)	60" - MH Trans. Slab - 48" Hole ECC, w/Coating T/G - 13"	1928 lb
P1)	60" - MH BASE w/FLANGE (08F/07EF) w/Coating T/n - 72"	10569 lb
1)	JOINT WRAP - 12" WD x 060" MAC WRAP	0 lb
1)	60" - MH INVERT CHANNEL - FULL HEIGHT	2692 lb
1)	SPECIAL EXTERNAL COATING	0 lb
1)	60" - Conseal CS-102 1.00" (Double)	0 lb
1)	48" - Conseal CS-102 1.00" (Double)	0 lb
2)	24" - Conseal CS-102 1.00" (Double)	0 lb
2)	A-Lok - 0890	2 lb
1)	Z-Lok - C107-15	1 lb
10)	MH Step ML-10-TDS-NCR - 10"	0 lb
220.64	SqFt) Carboline Bitumastic 300M [EXT]	0 lb
Structure Total:		18578 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	906.05'							
Reducer	900.548'							
Invert 1	894.715'	0°	27" PVC F679 (PS46)	27.953"	29.25"	A-Lok 0890	0.554"	P1
Invert 2	894.765'	169°	27" PVC F679 (PS46)	27.953"	29.25"	A-Lok 0890	1.154"	P1
Invert 3	895.74'	249°	15" PVC SDR35	15.3"	19"	Z-Lok C107-15	12.304"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: