

Contractor: The Allen Company, Inc.

Plant: Beaver Dam



Type: SAN.MH w/Ext. Drop/ConBlock-CDA Red
Size: 48"

Rim: 944'
Invert: 930.32'
Rim to Invert: 13.68'

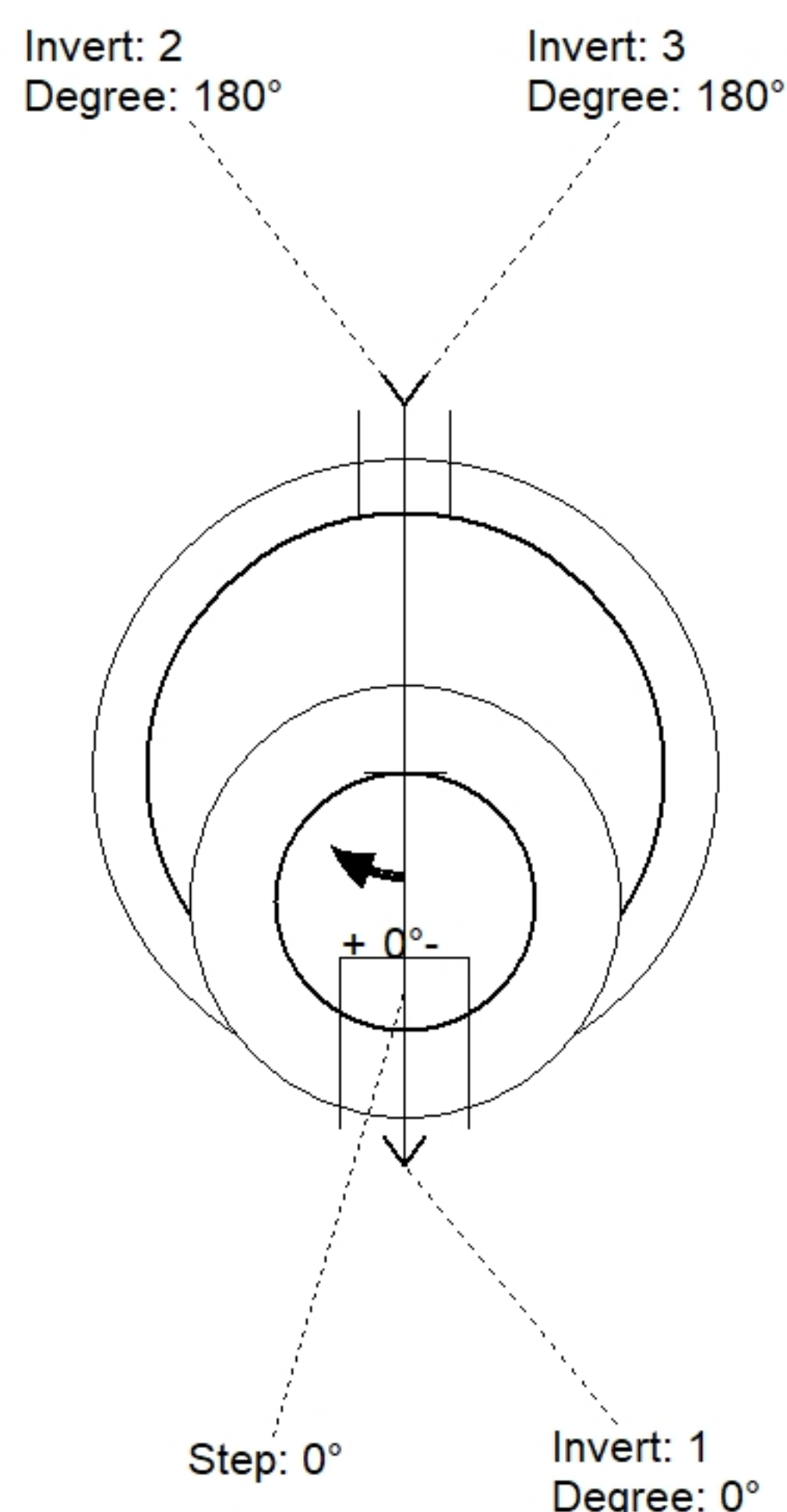
Sump: 2.004"
Floor (Top): 930.153'
Floor Height: 6"

Floor (Bot): 929.653'
Overall Height: 14.333'
Slack: 0.164"

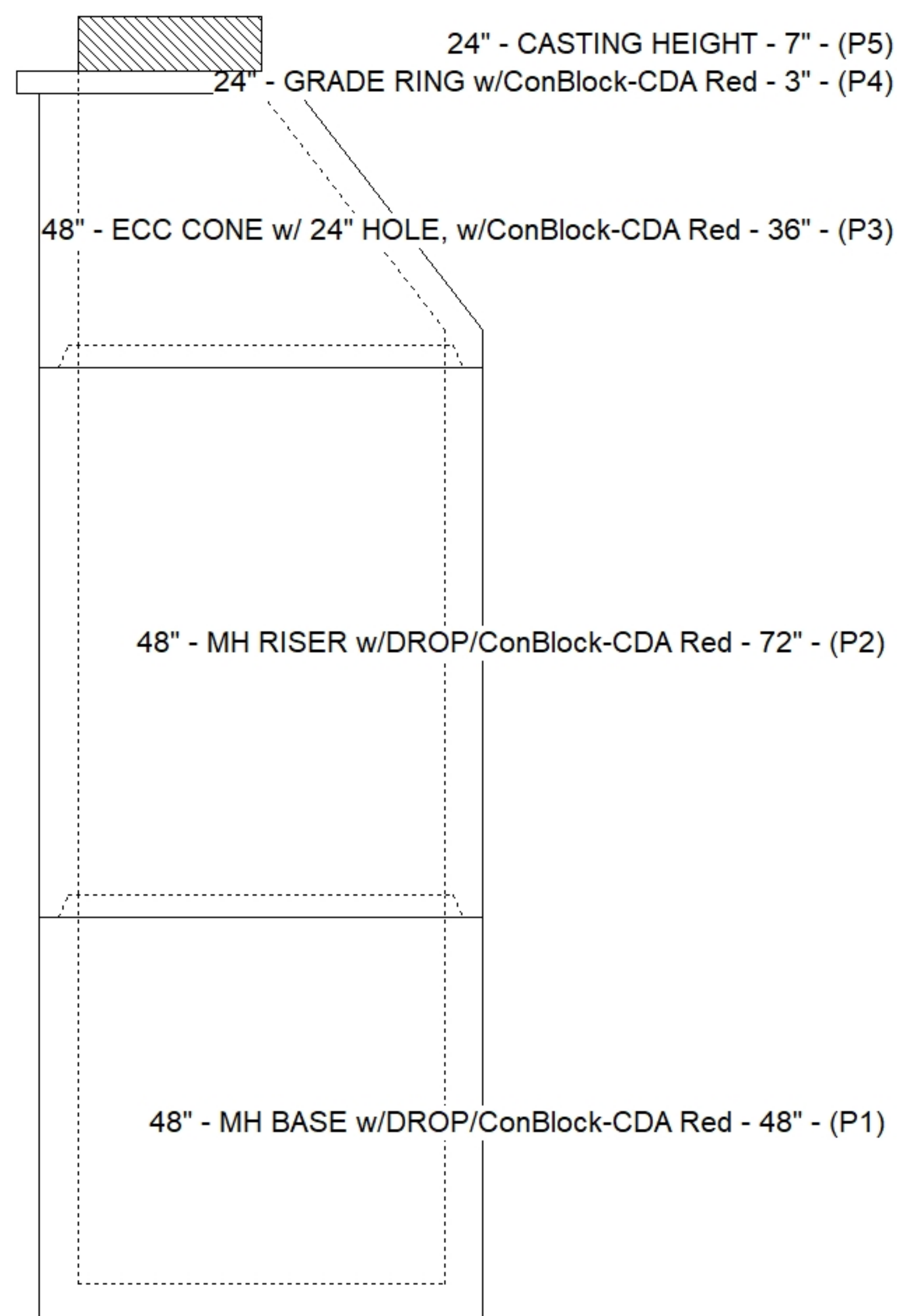
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
4. CASTING BY OTHERS
5. ADMIXTURE = CONBLOCK-CDA RED

P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING w/ConBlock-CDA Red - 3"	202 lb
P3) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 36"	2251 lb
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 72"	5006 lb
P1) 48" - MH BASE w/DROP/ConBlock-CDA Red - 48"	4612 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - 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) CASTING - HOE MC-315 F/C Sanitary	258 lb
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) 24" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
1) Drop Tee - 8" PVC	0 lb
1) Drop Elbow - 8" PVC	0 lb
13) MH Step ML-10-TDS-NCR - 10"	0 lb

Structure Total:	13777 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (↓)	Ref
Rim	944'							
Reducer								
Invert 1	930.32'	0°	8" PVC SDR35	8.5"	12"	PSX 12-08 NYLO	0.004"	P1
Invert 2	939'	180°	8" PVC SDR35	8.5"	8.5"	Drop Tee 8" PVC	53.664"	P2
Invert 3	930.42'	180°	8" PVC SDR35	8.5"	8.5"	Drop Elbow 8" PVC	2.954"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



SUBMITTAL
APPROVED BY: