

Contractor: Harakas

Plant: Beaver Dam



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

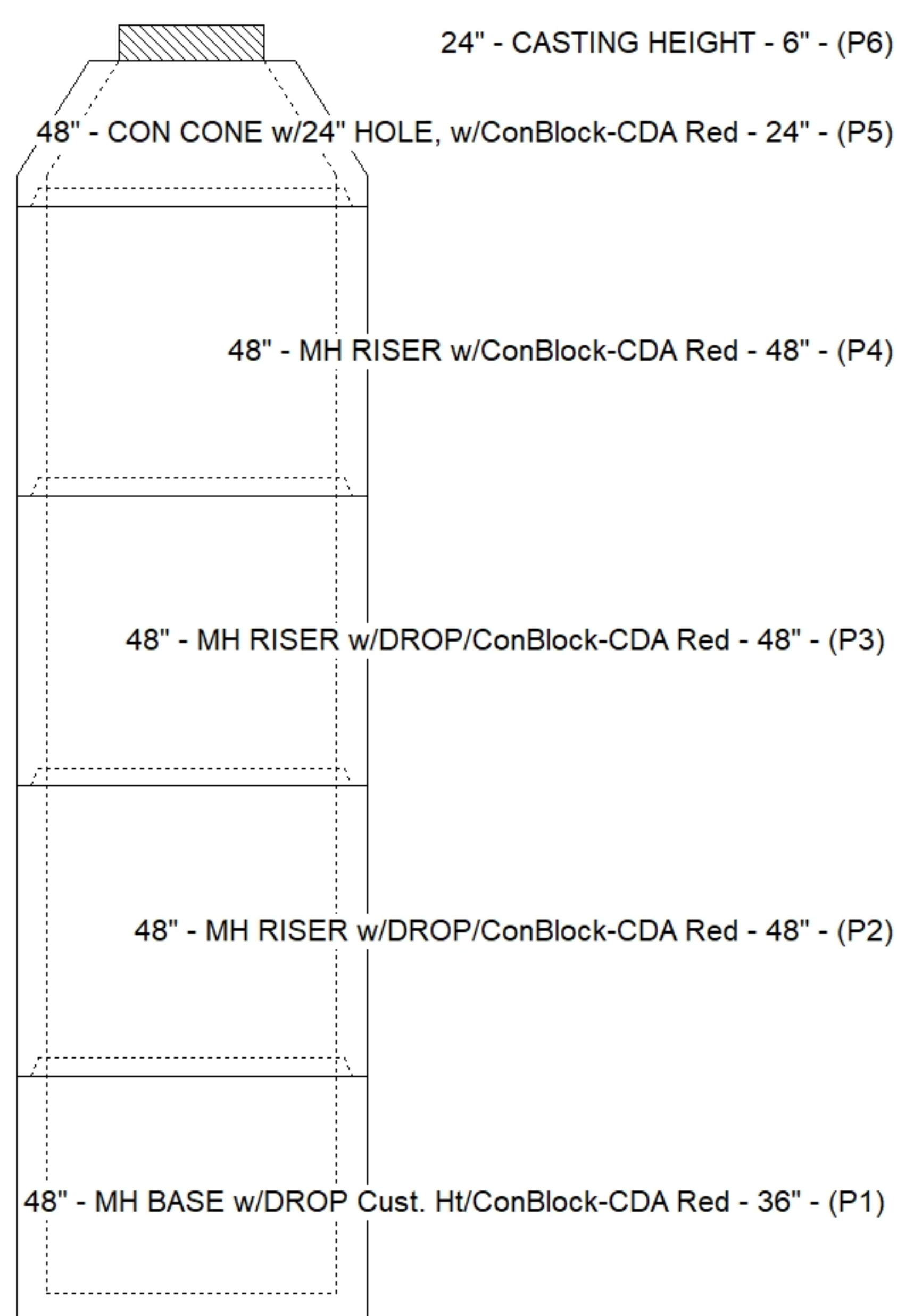
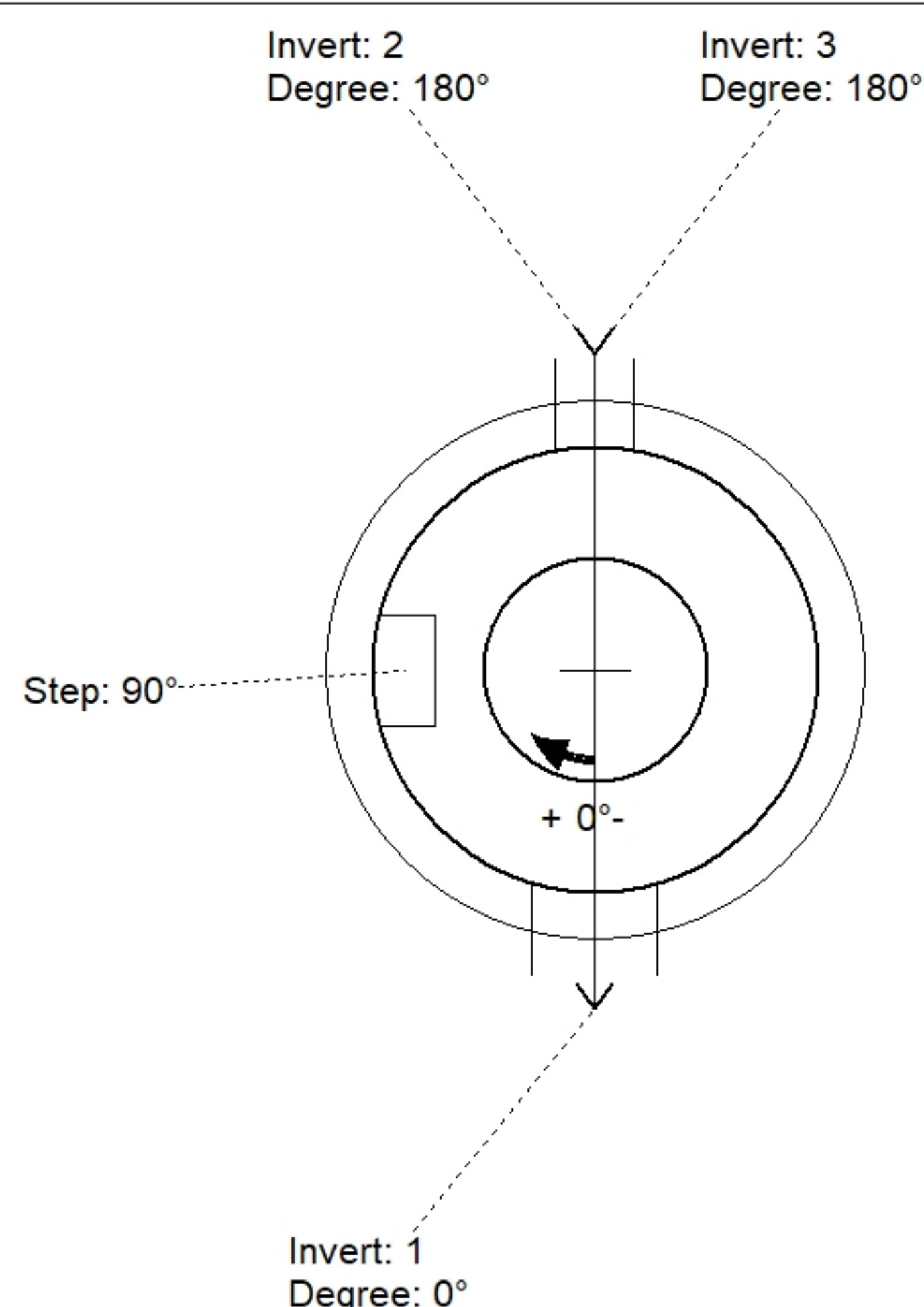
Rim: 554.2'
Invert: 536.81'
Rim to Invert: 17.39'

Sump: 2.75"
Floor (Top): 536.581'
Floor Height: 6"

Floor (Bot): 536.081'
Overall Height: 18'
Slack: 1.43"

1. JBS 1155 SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. ADMIXTURE = CONBLOCK CDA RED.
5. REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

P6) 24" - CASTING HEIGHT - 6"	0 lb
P5) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red - 24"	1297 lb
P4) 48" - MH RISER w/ConBlock-CDA Red - 48"	3353 lb
P3) 48" - MH RISER w/DROP/ConBlock-CDA Red - 48"	3329 lb
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 48"	3353 lb
P1) 48" - MH BASE w/DROP Cust. Ht/ConBlock-CDA Red - 36"	3760 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) CASTING - JBS 1155 F/C SANITARY	250 lb
4) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) 24" - Conseal CS-102 1.00" (Double)	0 lb
1) Z-Lok - C107-8	1 lb
1) Drop Tee - 8" PVC	0 lb
1) Drop Elbow - 8" PVC	0 lb
17) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	16784 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (⌋)	Ref
Rim	554.2'							
Reducer								
Invert 1	536.81'	0°	8" PVC SDR26	8.5"	13.5"	Z-Lok C107-8	0"	P1
Invert 2	546.53'	180°	8" PVC SDR26	8.5"	8.5"	Drop Tee 8" PVC	30.89"	P3
Invert 3	537.01'	180°	8" PVC SDR26	8.5"	8.5"	Drop Elbow 8" PVC	4.9"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Submittal Drawing
10/9/2026 12:32:22 PM

SUBMITTAL
APPROVED BY: