

Contractor: Harakas

Plant: Beaver Dam



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

Rim: 526.2'
Invert: 514.53'
Rim to Invert: 11.67'

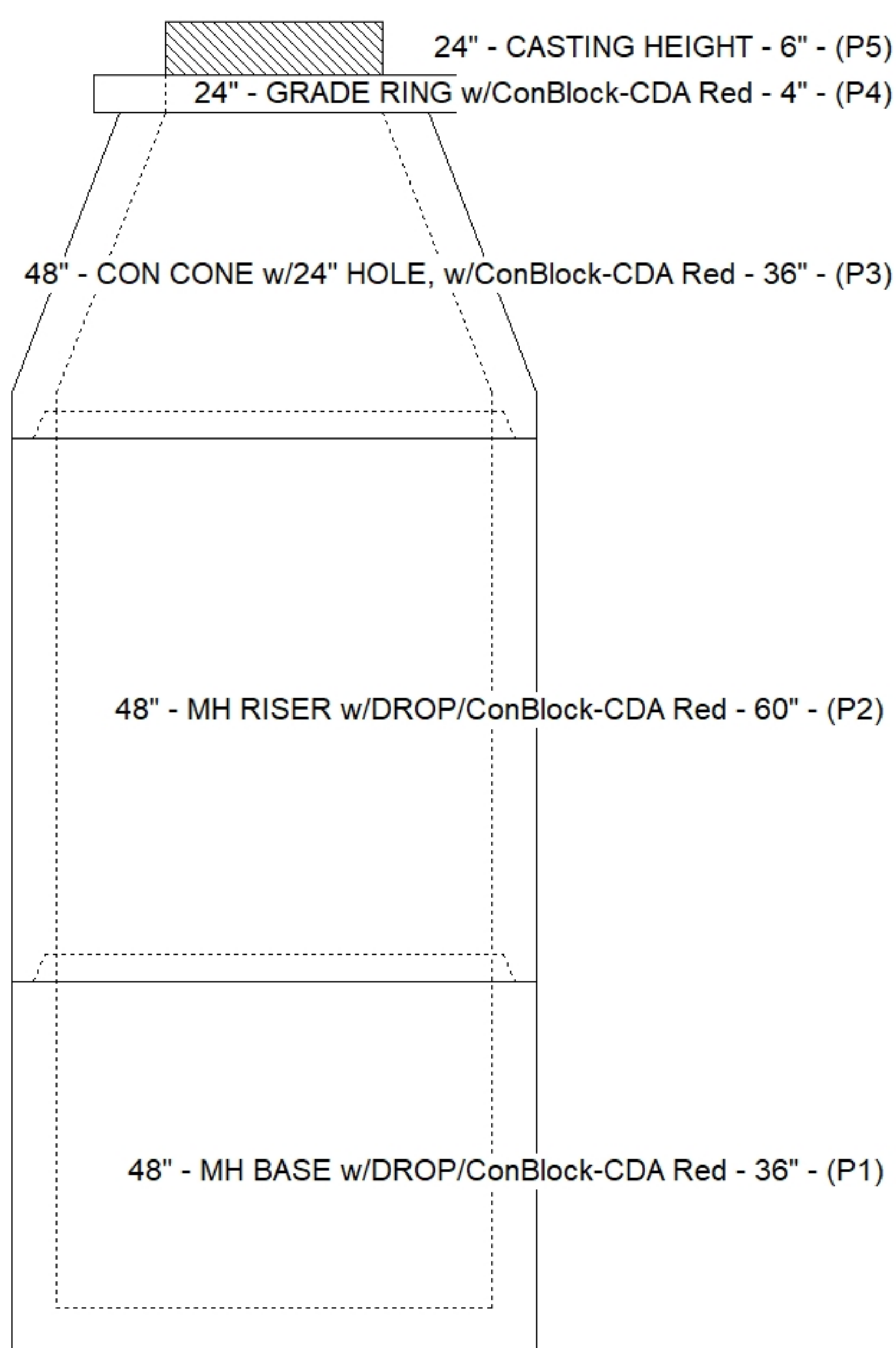
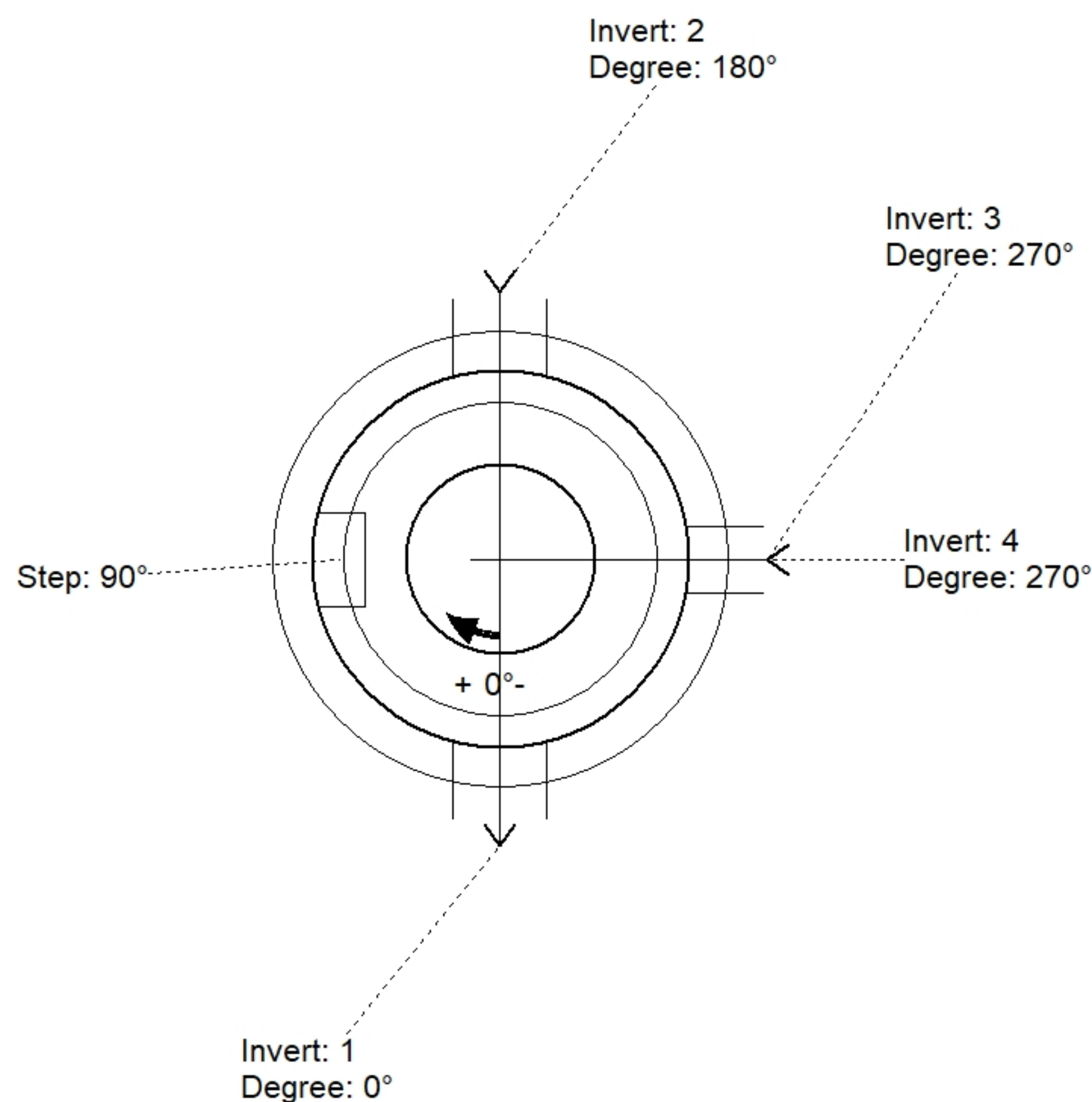
Sump: 2"
Floor (Top): 514.363'
Floor Height: 6"

Floor (Bot): 513.863'
Overall Height: 12.333'
Slack: 0.04"

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.

P5) 24" - CASTING HEIGHT - 6"	0 lb
P4) 24" - GRADE RING w/ConBlock-CDA Red - 4"	270 lb
P3) 48" - CON CONE w/24" HOLE, w/ConBlock-CDA Red - 36"	2251 lb
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 60"	4168 lb
P1) 48" - MH BASE w/DROP/ConBlock-CDA Red - 36"	3725 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
2) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) 24" - Conseal CS-102 1.00" (Double)	0 lb
2) PSX - 12-08 NYLO	16 lb
1) Drop Tee - 8" PVC	0 lb
1) Drop Elbow - 8" PVC	0 lb
11) MH Step ML-10-TDS-NCR - 10"	0 lb

Structure Total:	12120 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (⌵)	Ref
Rim	526.2'							
Reducer								
Invert 1	514.53'	0°	8" PVC SDR26	8.5"	12"	PSX 12-08 NYLO	0"	P1
Invert 2	514.73'	180°	8" PVC SDR26	8.5"	12"	PSX 12-08 NYLO	2.4"	P1
Invert 3	518.53'	270°	8" PVC SDR26	8.5"	8.5"	Drop Tee 8" PVC	9.5"	P2
Invert 4	514.73'	270°	8" PVC SDR26	8.5"	8.5"	Drop Elbow 8" PVC	4.15"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								

SUBMITTAL
APPROVED BY: