

**Job Name: 25-2930 CVG 200 MLLC**  
**Job Location: FLORENCE, KY**  
**Contractor: Kemper Construction**

PC: J. JARVIS  
 TECH: C. RUSS  
 Plant: BEAVER DAM



Structure ID: **VAULT 1**  
 Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 72" x 144"

Rim: 9.5'  
 Invert: 0.25'  
 Rim to Invert: 9.25'

Sump: 3"  
 Floor (Top): 0'  
 Floor Height: 6"

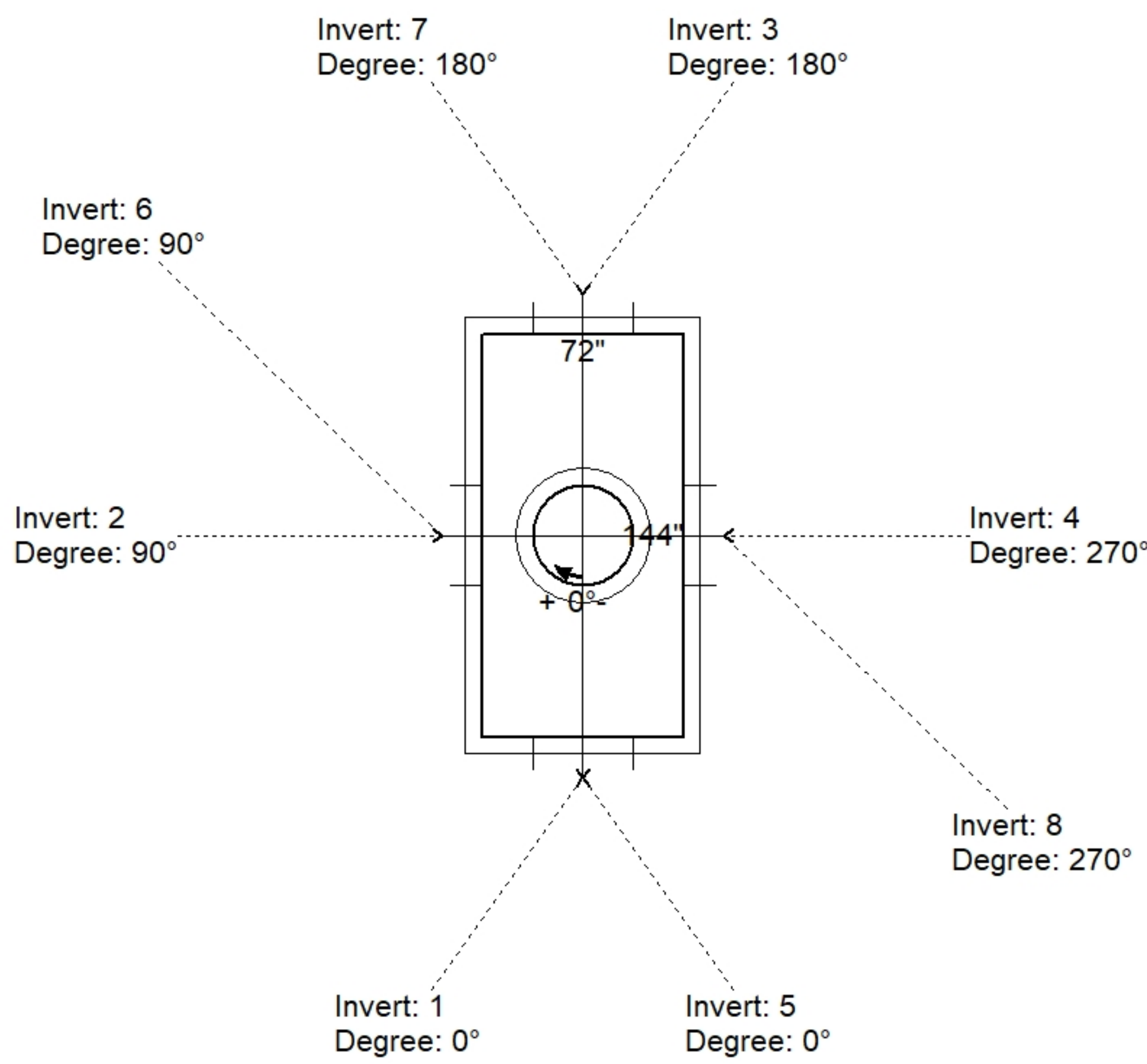
Floor (Bot): -0.5'  
 Overall Height: 9.833'  
 Slack: 2"

**Structure Notes:**

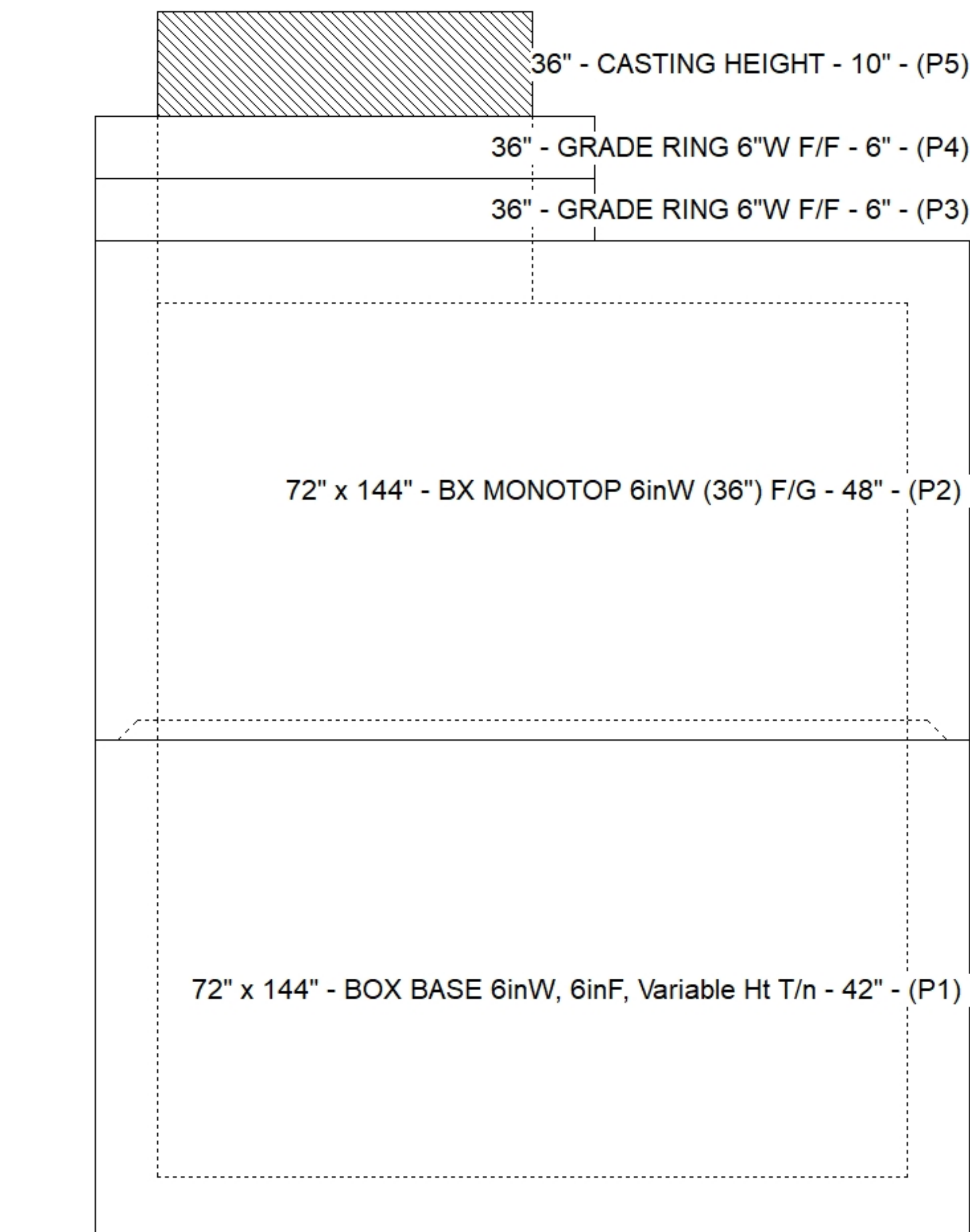
- PER ASTM C913 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- NO INVERT CHANNEL.
- REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

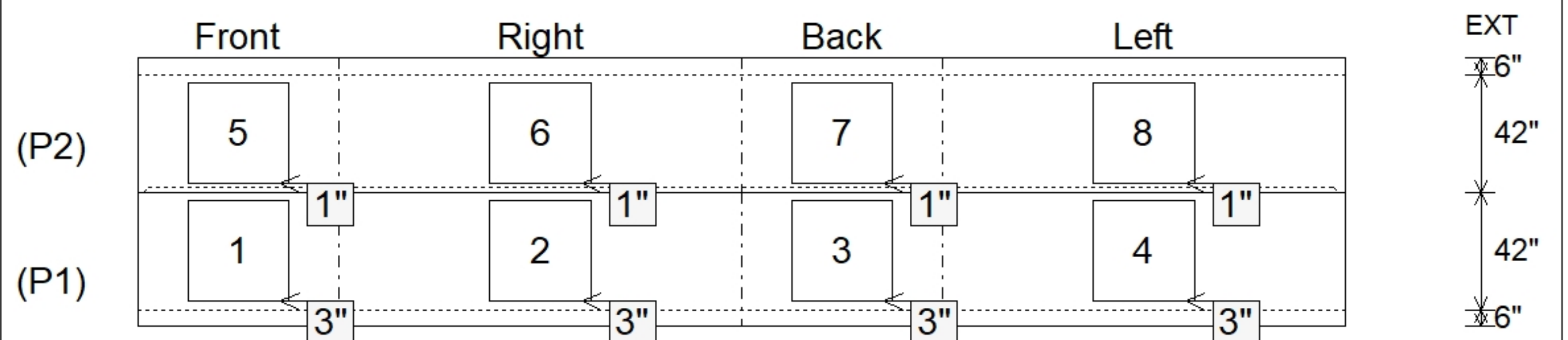
P5) 36" - CASTING HEIGHT - 10"	0 lb
P4) 36" - GRADE RING 6"W F/F - 6"	399 lb
P3) 36" - GRADE RING 6"W F/F - 6"	399 lb
P2) 72" x 144" - BX MONOTOP 6inW (36") F/G - 48"	13118 lb
P1) 72" x 144" - BOX BASE 6inW, 6inF, Variable Ht T/n - 42"	13630 lb
1) SUMP DISH	0 lb
4) PULL IRON - MA IND. PULL IRON 004-570 (9-5/8")	0 lb
4) PULL IRON POCKET - MA IND. PULL IRON POCKET 004-573	0 lb
1) CASTING - HOE MC-780 F/C ELECTRIC	675 lb
1) 72" x 144" - SGL 1"x14.5' Butyl (3x)	0 lb
8) 36" x 36" - KO PANEL - 4" THICK n/n - 36" X 36"	0 lb
<b>Structure Total:</b>	<b>28220 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	9.5'							
Reducer								
Invert 1	0.25'	0°	36" x 36" KO PANEL - 4" THICK	36" x 36"	36" x 36"	36" x 36" KO PANEL - 4" THICK 36" X 36"	3"	P1
Invert 2	0.25'	90°	36" x 36" KO PANEL - 4" THICK	36" x 36"	36" x 36"	36" x 36" KO PANEL - 4" THICK 36" X 36"	3"	P1
Invert 3	0.25'	180°	36" x 36" KO PANEL - 4" THICK	36" x 36"	36" x 36"	36" x 36" KO PANEL - 4" THICK 36" X 36"	3"	P1
Invert 4	0.25'	270°	36" x 36" KO PANEL - 4" THICK	36" x 36"	36" x 36"	36" x 36" KO PANEL - 4" THICK 36" X 36"	3"	P1
Invert 5	3.75'	0°	36" x 36" KO PANEL - 4" THICK	36" x 36"	36" x 36"	36" x 36" KO PANEL - 4" THICK 36" X 36"	1"	P2
Invert 6	3.75'	90°	36" x 36" KO PANEL - 4" THICK	36" x 36"	36" x 36"	36" x 36" KO PANEL - 4" THICK 36" X 36"	1"	P2
Invert 7	3.75'	180°	36" x 36" KO PANEL - 4" THICK	36" x 36"	36" x 36"	36" x 36" KO PANEL - 4" THICK 36" X 36"	1"	P2
Invert 8	3.75'	270°	36" x 36" KO PANEL - 4" THICK	36" x 36"	36" x 36"	36" x 36" KO PANEL - 4" THICK 36" X 36"	1"	P2



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 10/17/2025 4:34:21 PM

SUBMITTAL  
 APPROVED BY: