

Job Name: 25-4726 Omega Fitness  
 Job Location: Newbern, TN  
 Contractor: Ainsworth Land Development, LLC

Plant: Beaver Dam  
 5/29/2026 8:28:26 AM

Tech: S. Felletter  
 PC: T. Lewis



**Structure ID: DS-2**

**P1 BX3636-08BAVF**

**BOX BASE 8inW, 8inF, Variable Ht F/n**

P3) 24" - CASTING HEIGHT - 0"	0 lb
P2) 36" x 36" - CB FLAT TOP 8"W w/24" F/G F/F - 6"	1134 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 46"	6646 lb
1) CASTING - JBS 1072 F/C STORM	250 lb
1) 36" x 36" - Conseal CS-102 1.00"	0 lb
1) 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 16	0 lb
1) Hole - 8	0 lb
4) Horiz Slot n/n - 36"X6"	0 lb
<b>Structure Total:</b>	<b>8030 lb</b>

**Structure Notes:**  
 1. PER ASTM C913 SPECIFICATIONS.  
 2. CONCRETE = 4,000 PSI AT 28 DAYS.  
 3. CASTING BY ICAST (JBS 1072 F/C "STORM").  
 CAST-IN.  
 4. PREFORMED INVERT BY OTHERS.

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.

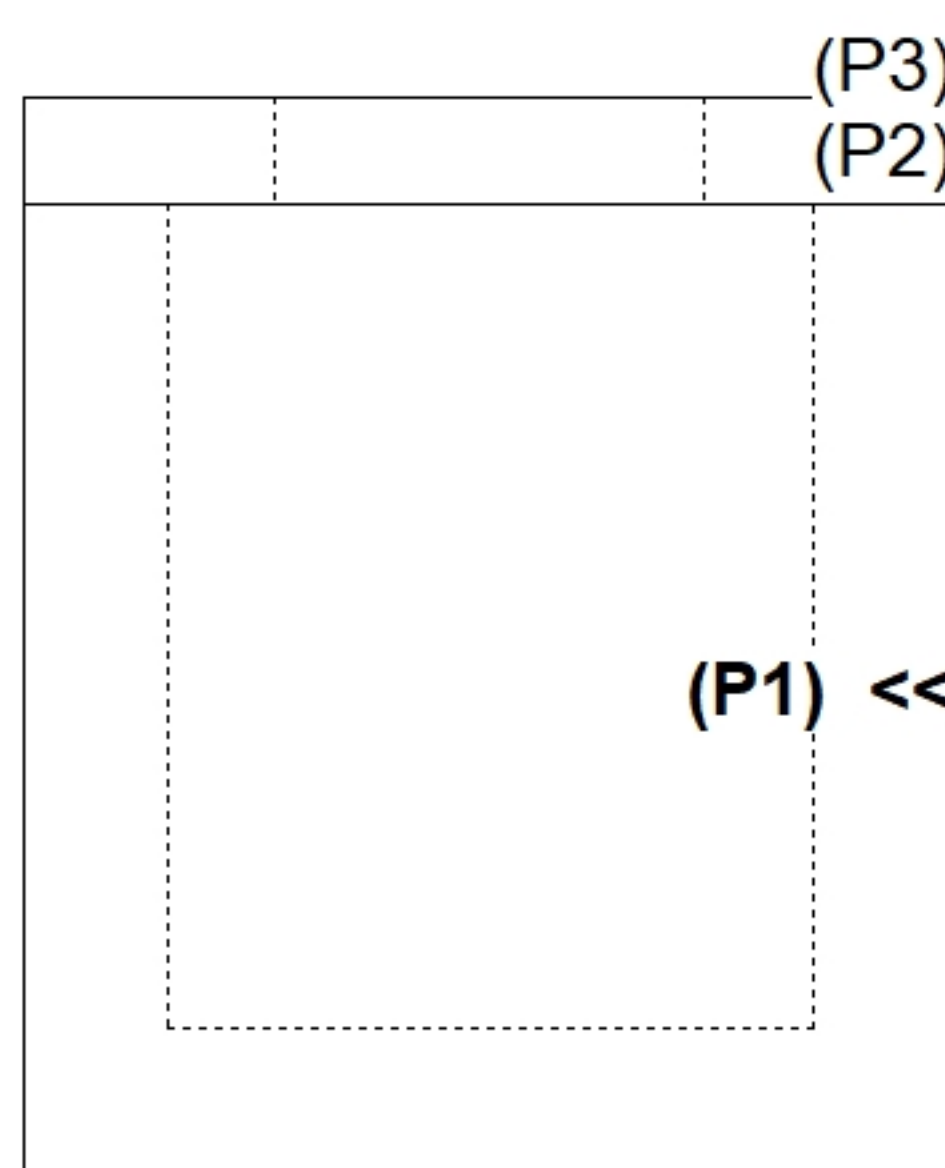
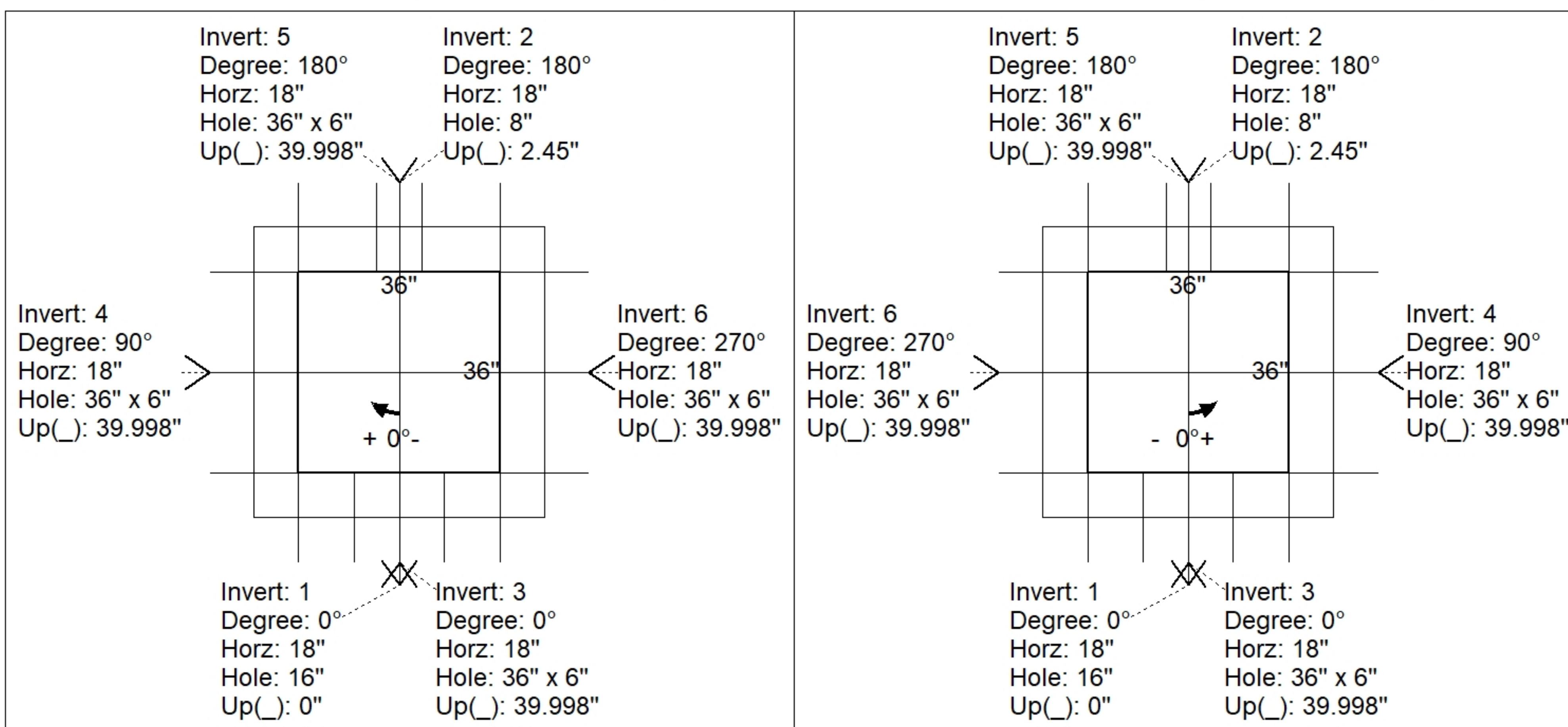
RIM AND RECTANGULAR THROAT ELEVATIONS  
 ADJUSTED SLIGHTLY TO LOCATE CORRECTLY IN  
 BOX

Rim: 323.64' Rim to Invert: 4.24' Slack: 0.13" Sump: 1.25" Step Position:

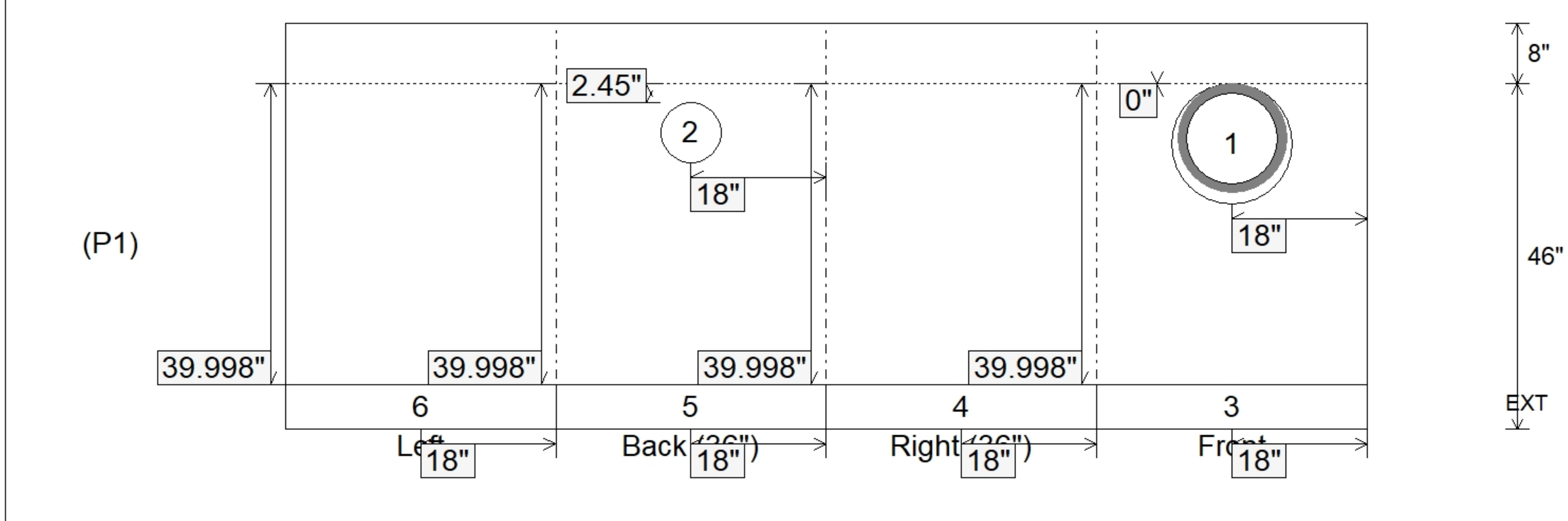
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	319.4'	0°	26"	12" ADS N-12	14.5"	Hole 16	16"	16"	0"	0"
Invert 2	319.5'	180°	26"	8" Orifice	8"	Hole 8	8"	8"	2.45"	0"
Invert 3	322.629'	0°	26"	36" x 6" Horiz Slot	36" x 6"	Horiz Slot 36"X6"	36" x 6"	36"	39.998"	0"
Invert 4	322.629'	90°	26"	36" x 6" Horiz Slot	36" x 6"	Horiz Slot 36"X6"	36" x 6"	36"	39.998"	0"
Invert 5	322.629'	180°	26"	36" x 6" Horiz Slot	36" x 6"	Horiz Slot 36"X6"	36" x 6"	36"	39.998"	0"
Invert 6	322.629'	270°	26"	36" x 6" Horiz Slot	36" x 6"	Horiz Slot 36"X6"	36" x 6"	36"	39.998"	0"
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 46" Height (Ext): 54"	Weight (Net): 6646 lb Volume (Net): 1.7cu.yd
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