

PC:	Erica Bradley
TECH:	Jared - A
Plant:	100



Spec: Storm
Type: Outlet Control Structure
Size: 36" x 36"

Rim: 539'
Invert: 534.05'
Rim to Invert: 4.95'

Sump: 0"
Floor (Top): 534.05'
Floor Height: 8"

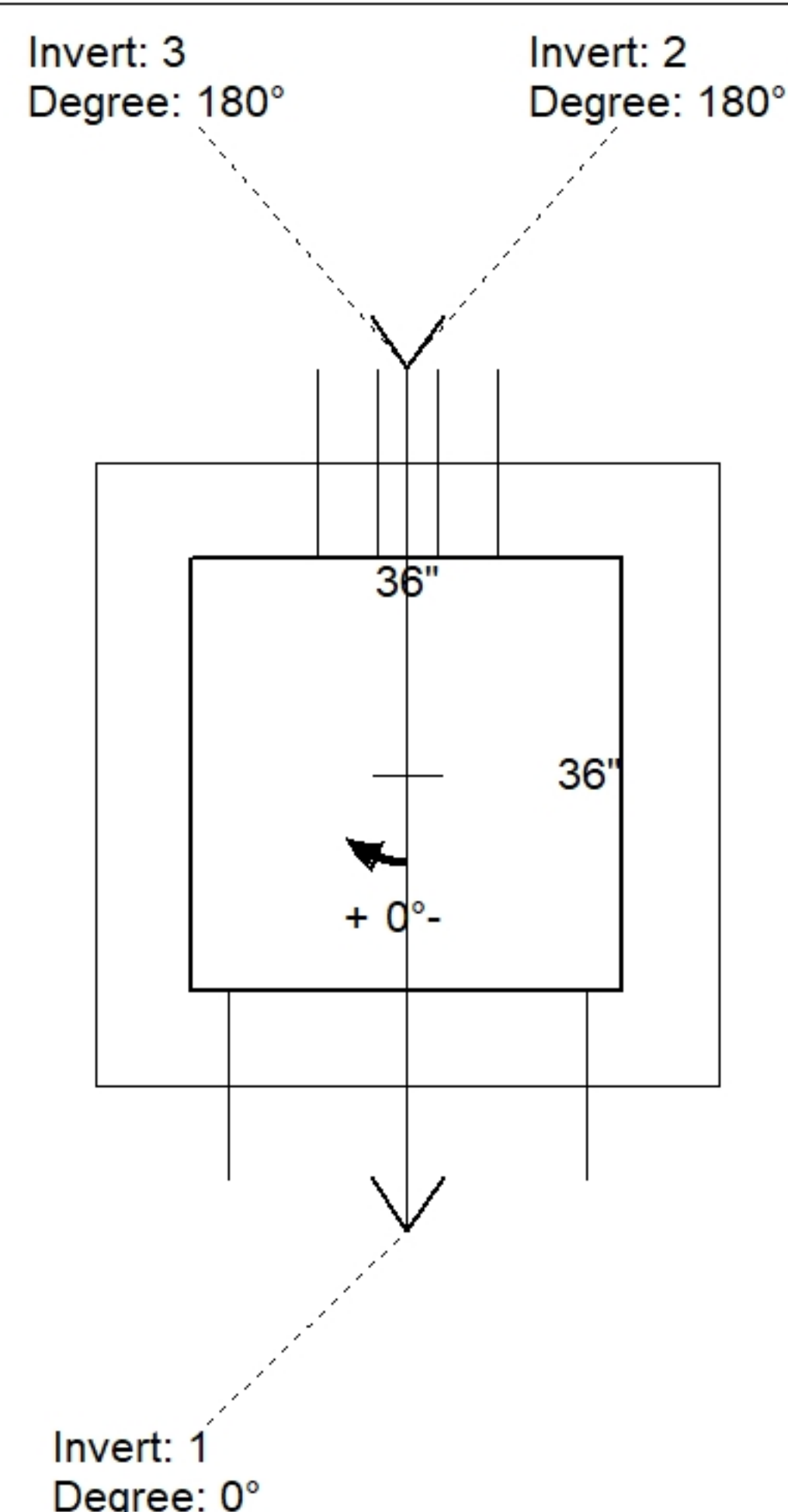
Floor (Bot): 533.383'
Overall Height: 5.583'
Slack: 0.398"

1. LFS-3636-P SQ. FLUSH MOUNT GRATE PROVIDED BY OTHERS
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. NO INVERT CHANNEL.
5. REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

P2) 36" x 36" - CASTING HEIGHT - 0"
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 59"
1) 36" x 36" - Conseal CS-102 1.00"
1) Hole - 30
1) Hole - 5
1) Weir - 15"x24"

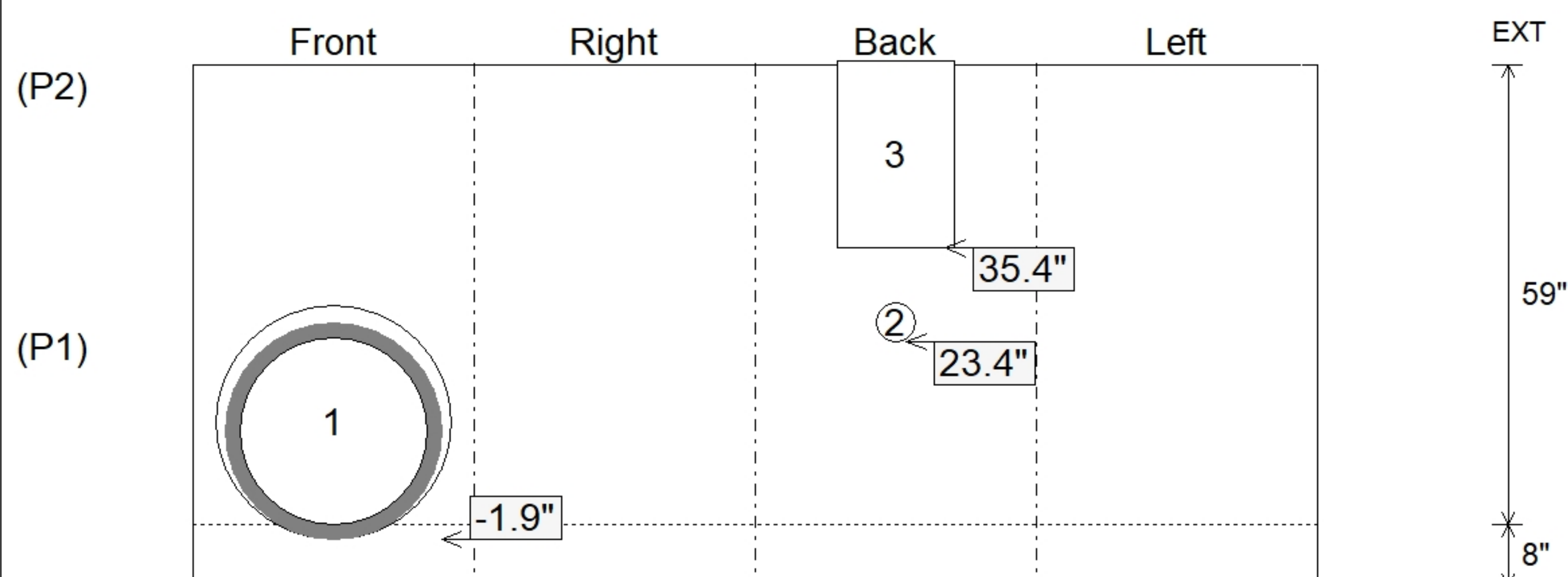
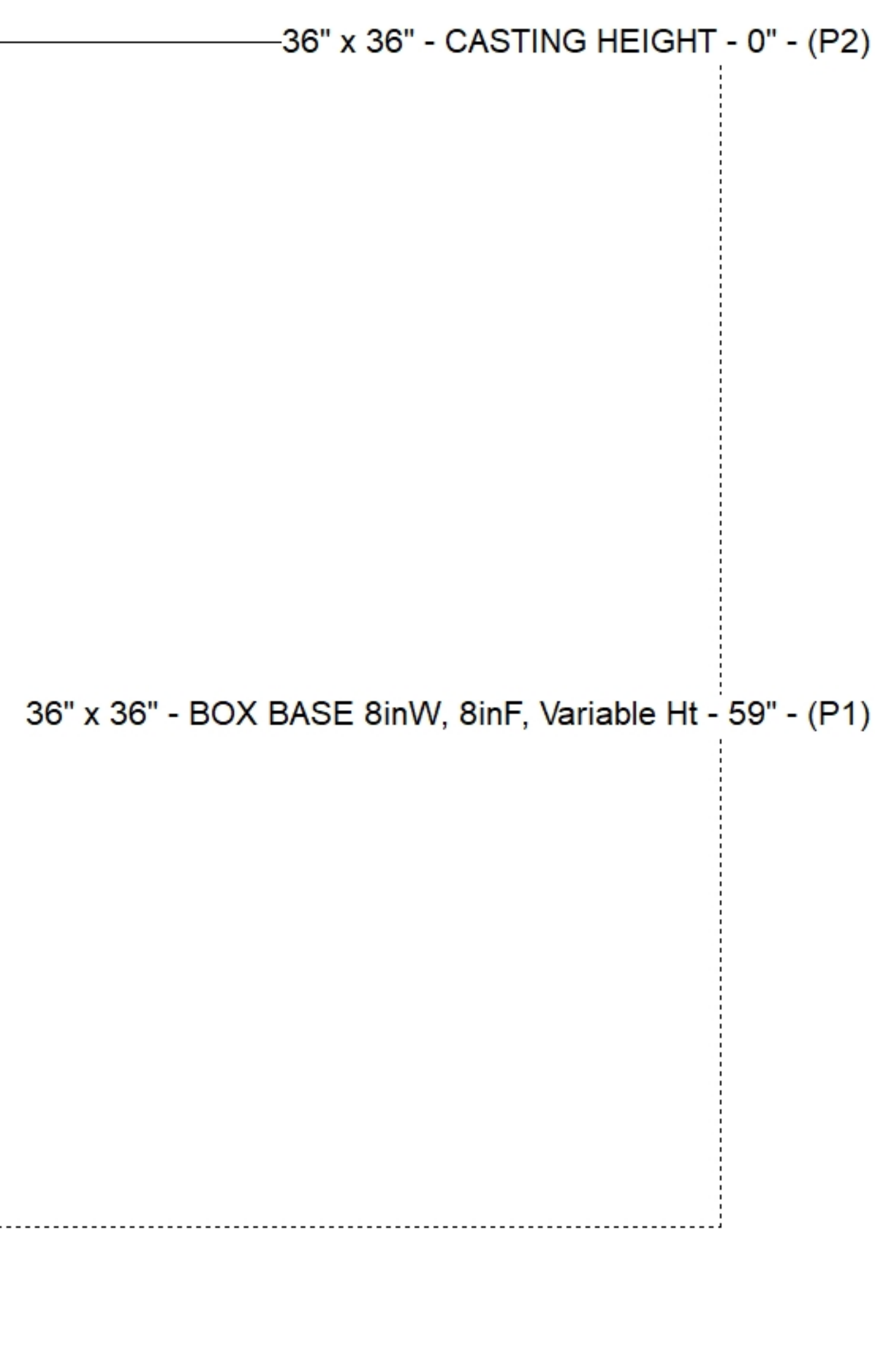
0 lb
8061 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 8061 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (⌋)	Ref
Rim	539'							
Reducer								
Invert 1	534.05'	0°	24" HDPE	27.8"	30"	Hole 30	-1.9"	P1
Invert 2	536'	180°	5" Orifice	5"	5"	Hole 5	23.4"	P1
Invert 3	537'	180°	15" x 24" Weir	15" x 24"	15" x 24"	Weir 15"x24"	35.4"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Default - Interior Dimensions



Submittal Drawing
7/2/2026 8:44:07 AM

SUBMITTAL
APPROVED BY: