

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



Spec: Storm
Type: Outlet Control Structure
Size: 48" x 48"

Rim: 600'	Sump: 0"
Invert: 598.5'	Floor (Top): 598.5'
Rim to Invert: 1.5'	Floor Height: 8"

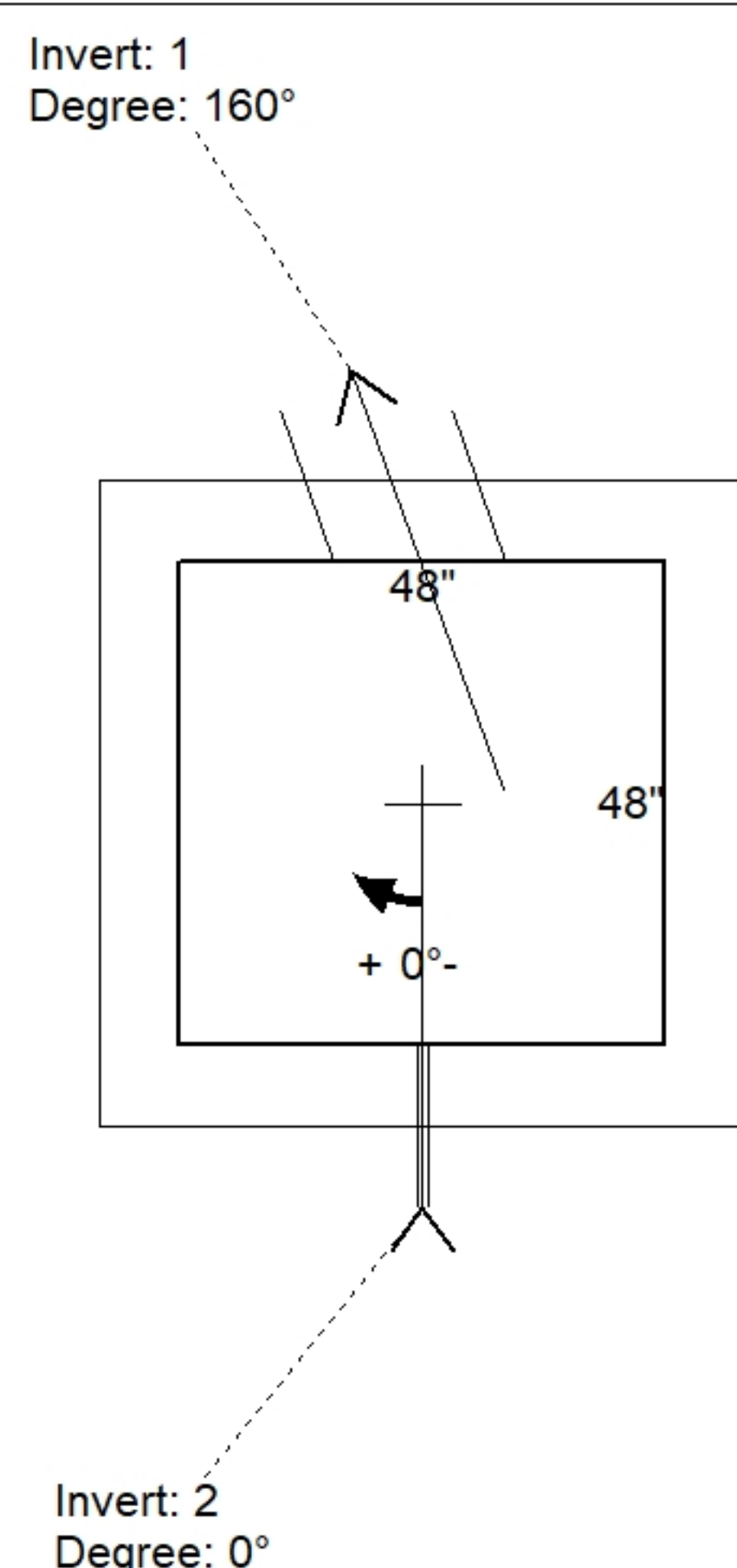
Floor (Bot): 597.833'
Overall Height: 2.167'
Slack: 0"

1. TRASHRACKS LFS-4848-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 .12) #5 BARS AT 12" C.C.E.W.

P2) 48" x 48" - CASTING HEIGHT - 0"
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 18"
1) 48" x 48" - Conseal CS-102 1.00"
1) Hole - 16
1) Orifice - 1"

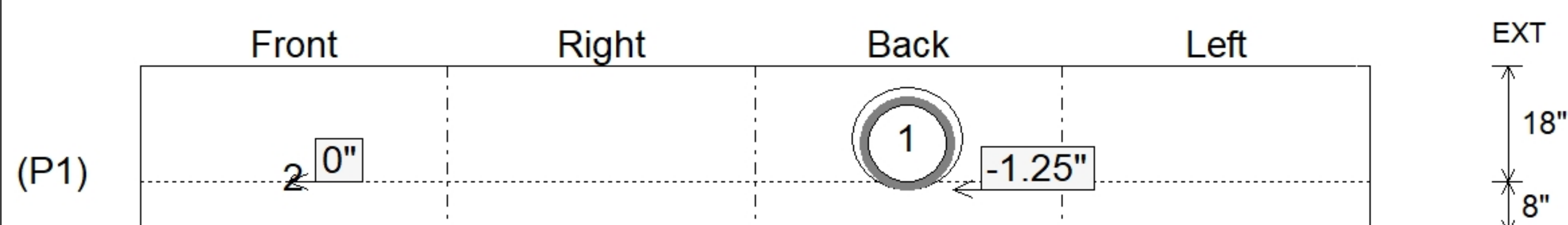
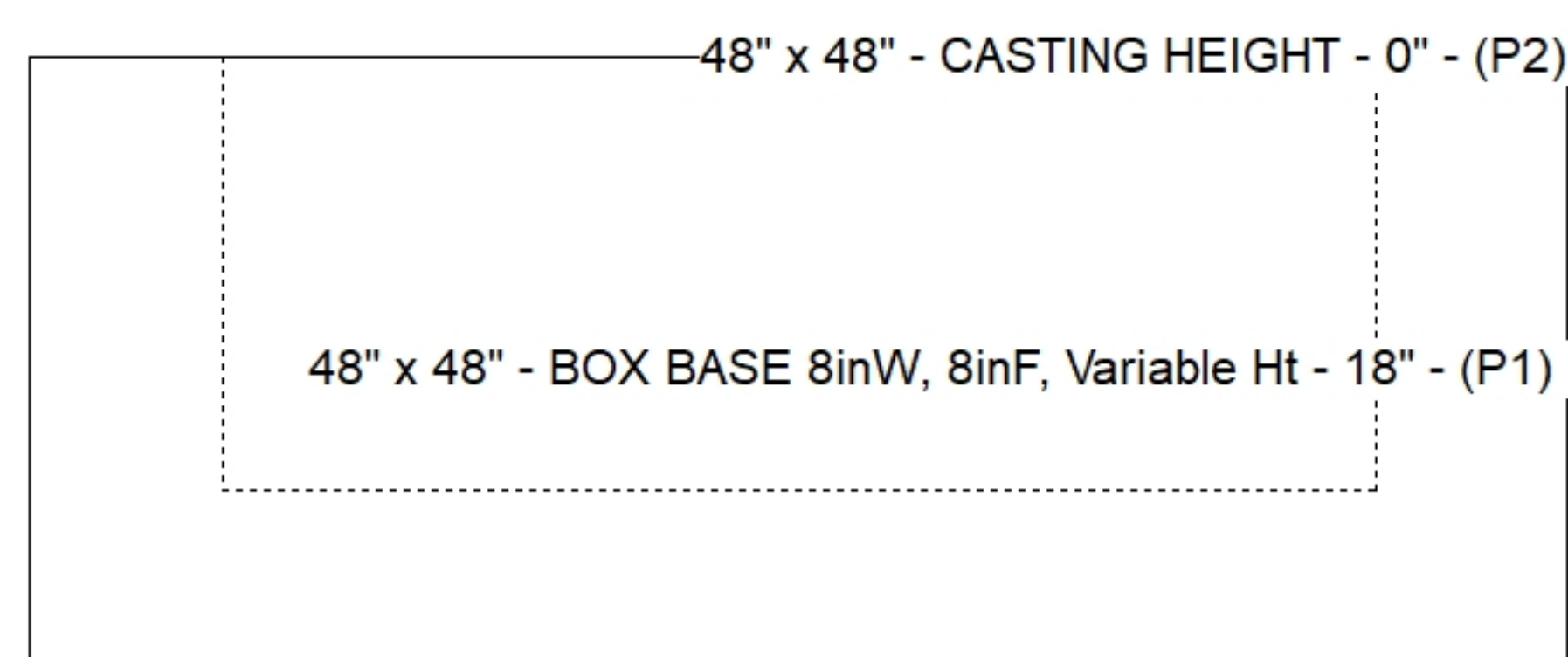
0 lb
5312 lb
0 lb
0 lb
0 lb

Structure Total: 5312 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (↓)	Ref
Rim	600'							
Reducer								
Invert 1	598.5'	160°	12" HDPE	14.5"	16"	Hole 16	-1.25"	P1
Invert 2	598.5'	0°	1" Orifice	1"	1"	Orifice 1"	0"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Default - Interior Dimensions



Submittal Drawing
7/28/2026 2:03:59 PM

SUBMITTAL
APPROVED BY: