

Job Name: 24-3870 314 E Trinity
Job Location: Nashville, TN
Contractor: Hayes Pipe Supply

PC: E.Bradley
 TECH: C.Russ
 Plant: Beaver Dam



Structure ID: **SCI A1**

Spec: Storm
 Type: BX 6inW, 6inF
 Size: 30" x 98"

Rim: 533.14'
 Invert: 529.6'
 Rim to Invert: 3.54'

Sump: 0"
 Floor (Top): 529.6'
 Floor Height: 6"

Floor (Bot): 529.1'
 Overall Height: 4'
 Slack: 0.48"

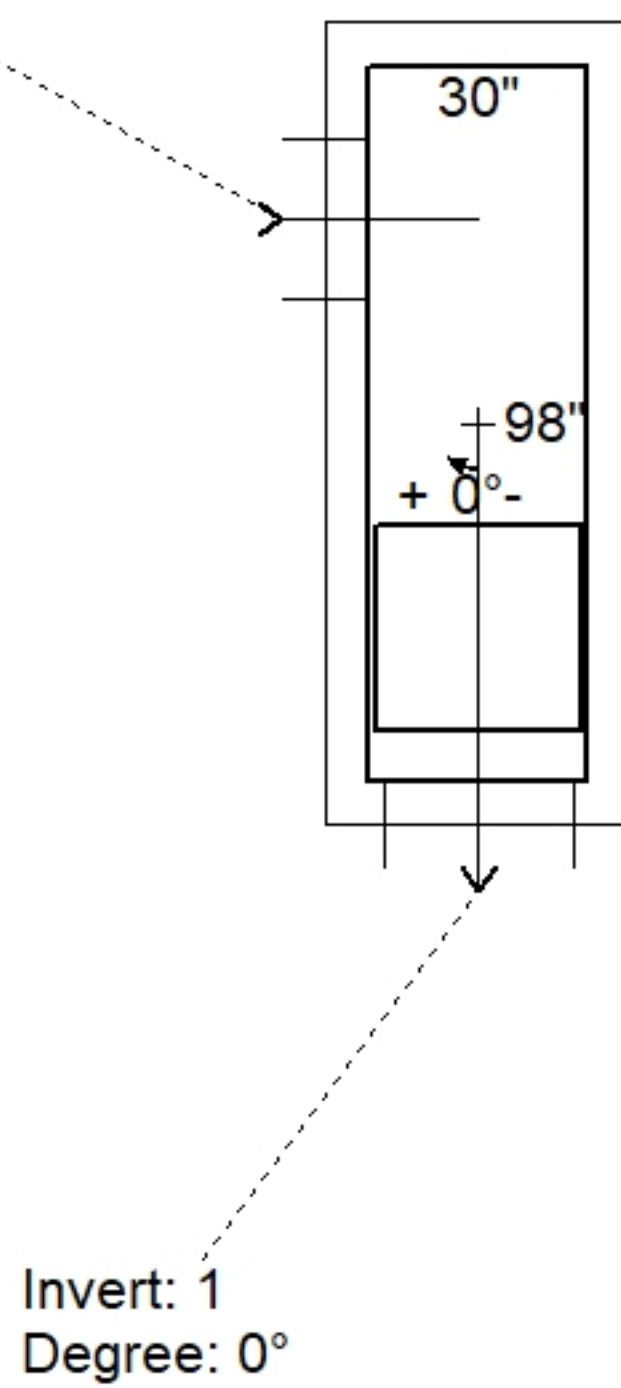
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY OTHERS
5. 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.
6. TOP SLAB TO HAVE 3/4" DEEP DROP KEY.

STRUCTURE SUMMARY:

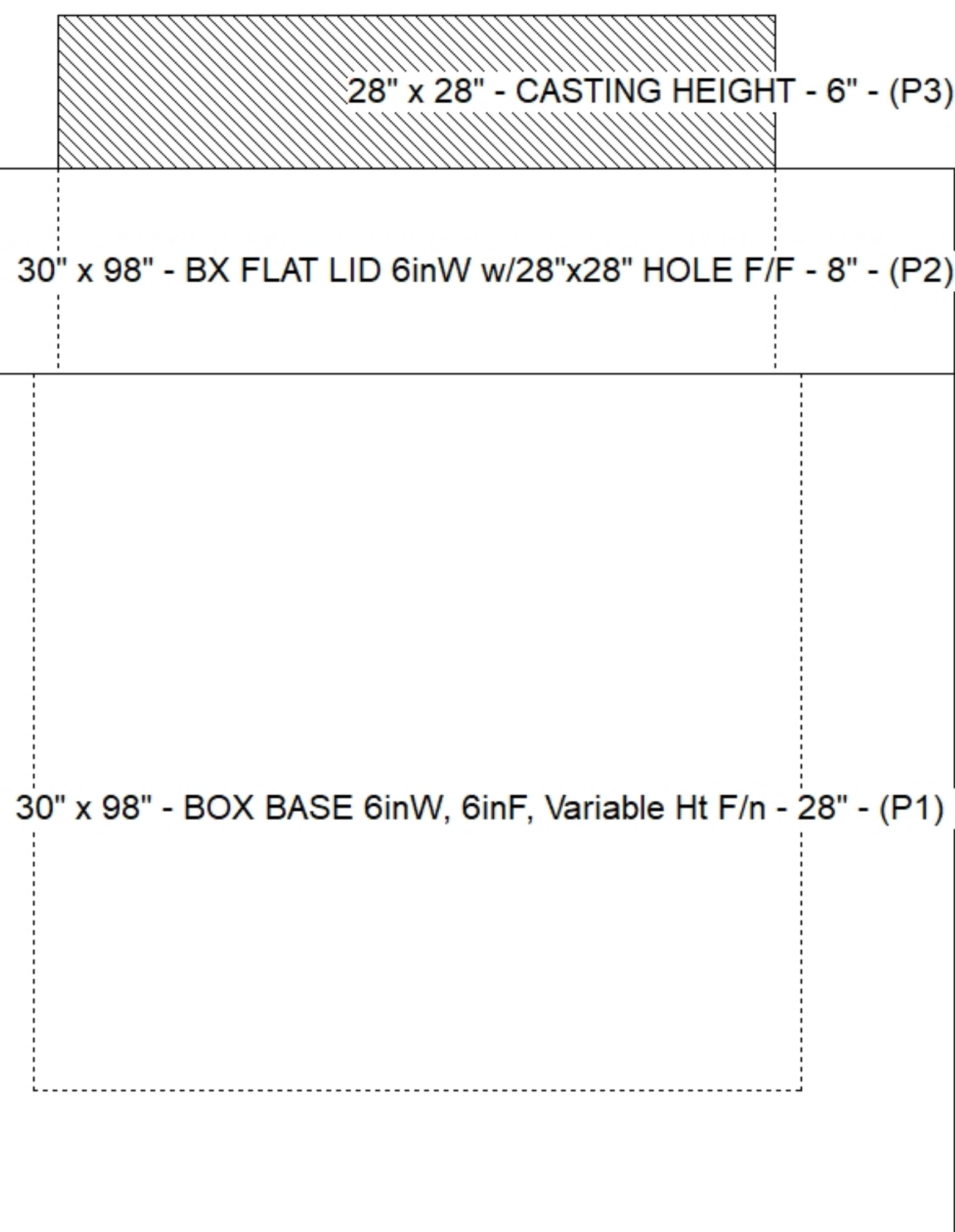
P3) 28" x 28" - CASTING HEIGHT - 6"	0 lb
P2) 30" x 98" - BX FLAT LID 6inW w/28"x28" HOLE F/F - 8"	2575 lb
P1) 30" x 98" - BOX BASE 6inW, 6inF, Variable Ht F/n - 28"	5815 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
1) Hole - 26	0 lb
1) Hole - 22	0 lb
Structure Total:	8390 lb

Invert: 2
 Degree: 90°

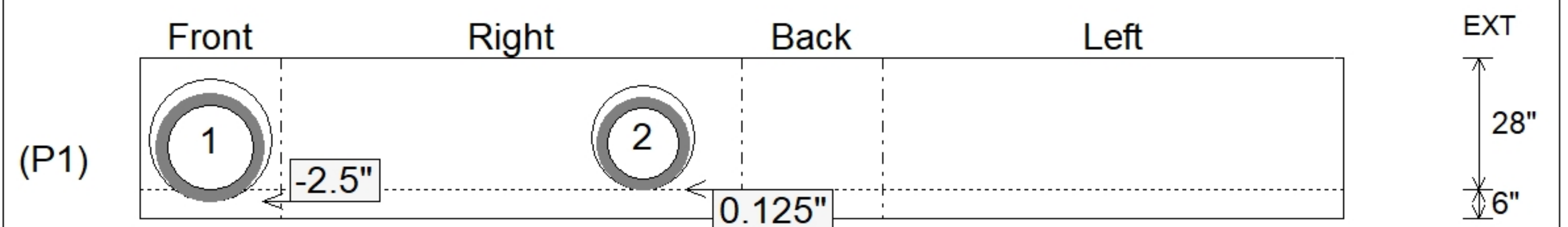


Invert: 1
 Degree: 0°

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	533.14'							
Reducer								
Invert 1	529.6'	0°	18" RCP B WALL	23"	26"	Hole 26	-2.5"	P1
Invert 2	529.8'	90°	15" RCP B WALL	19.5"	22"	Hole 22	0.125"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/29/2025 1:10:27 PM

SUBMITTAL
 APPROVED BY: