

Job Name: 23-2792 - Teal Dr. Development
Job Location: Gallatin, TN
Contractor: Stewart Richey

PC: C. Goff
 TECH: J. Horsley - F
 Plant: 100



Structure ID: **STM-D1.1**

Spec: Storm
 Type: BX 6inW, 6inF
 Size: 28" x 28"

Rim: 468.95'
 Invert: 465.8'
 Rim to Invert: 3.15'

Sump: 0"
 Floor (Top): 465.8'
 Floor Height: 6"

Floor (Bot): 465.3'
 Overall Height: 3.583'
 Slack: 0.8"

Structure Notes:

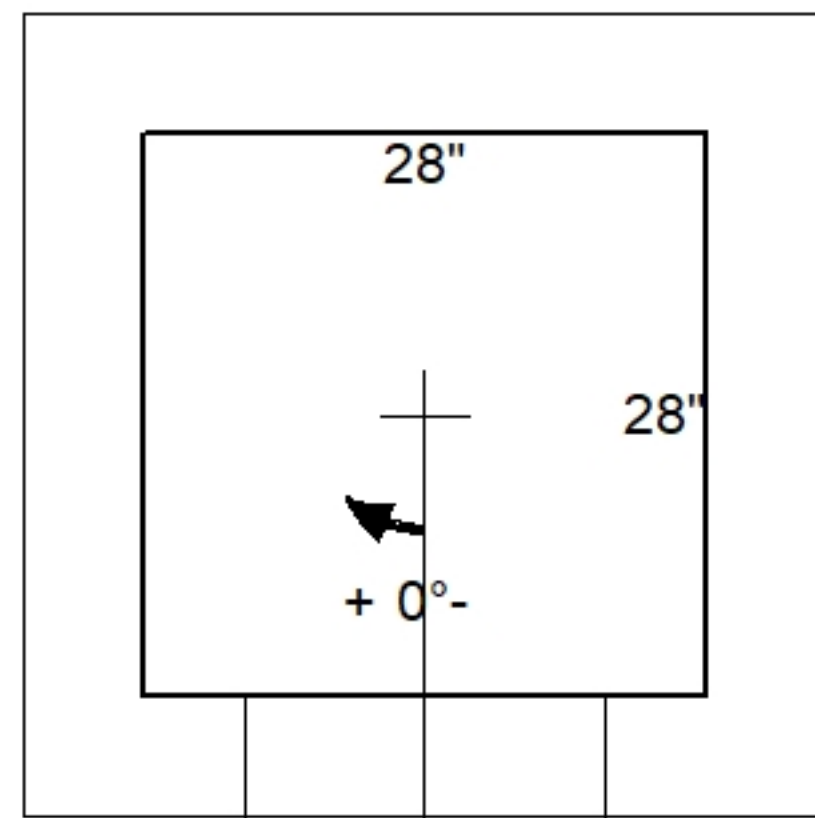
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 3101 SINGLE SET (F/G/H)).

REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

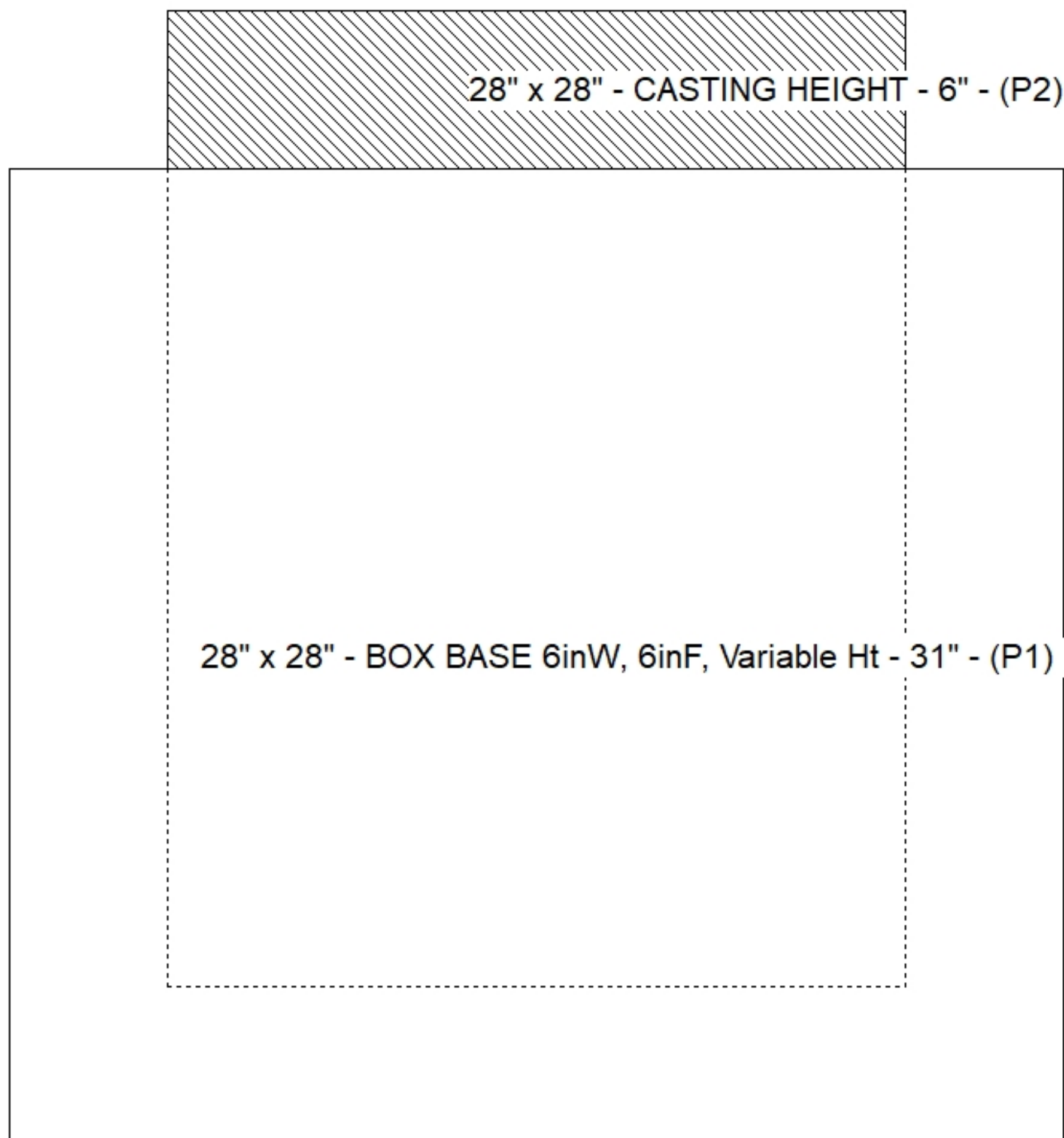
P2) 28" x 28" - CASTING HEIGHT - 6"	0 lb
P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht - 31"	2800 lb
1) CASTING - JBS 3101 Single Set (F/G/H)	619 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
1) Hole - 18	0 lb

Structure Total:	3419 lb

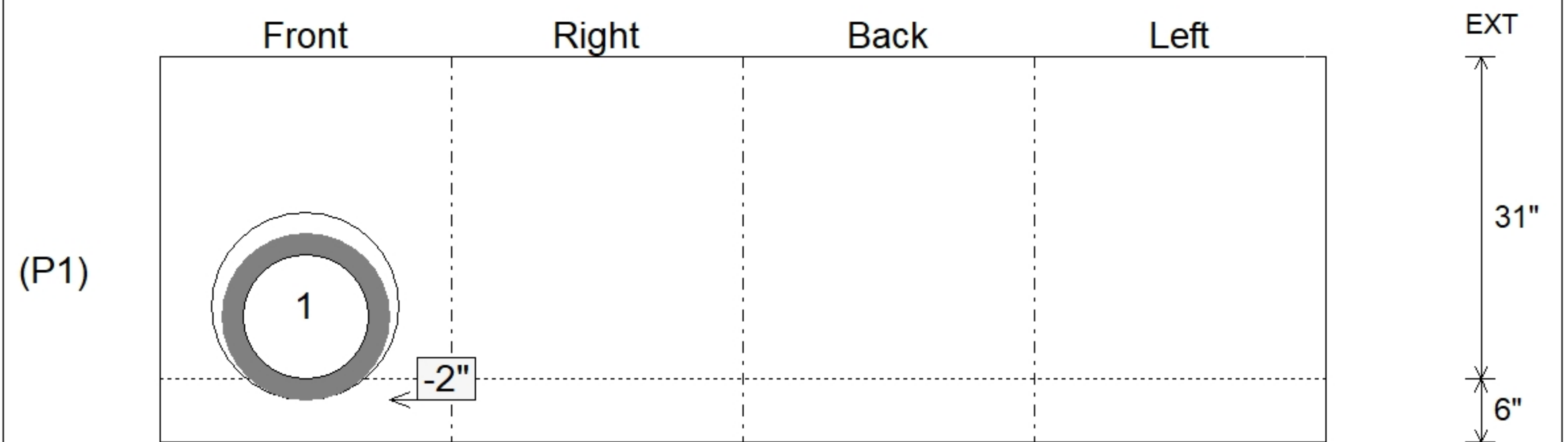


Invert: 1
 Degree: 0°

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	468.95'							
Reducer								
Invert 1	465.8'	0°	12" RCP B WALL	16"	18"	Hole 18	-2"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 3/27/2026 10:44:20 AM

SUBMITTAL
 APPROVED BY: