

Job Name: 25-4692 - 855187 Discount Tire
Job Location: Hermitage, TN
Contractor: Contech Engineering Solutions

PC: T. Sekula
 TECH: J. Coppage
 Plant: Beaver Dam



Structure ID: 10-KFPD0608

Spec: Storm-Pipe Centered
 Type: BX 6inW, 6inF
 Size: 72" x 96"

Rim: 445'
 Invert: 439.1'
 Rim to Invert: 5.9'

Sump: 0"
 Floor (Top): 439.1'
 Floor Height: 6"

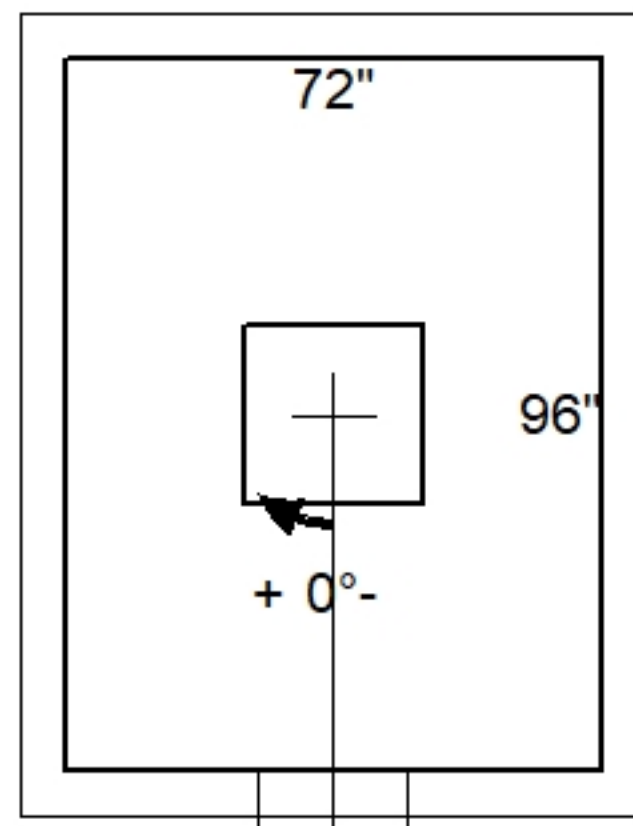
Floor (Bot): 438.6'
 Overall Height: 6.521'
 Slack: -1.45"

Structure Notes:

1. DESIGN LOADING AASHTO HS-20
2. DESIGN SPECIFICATION - ACI 318-14
3. JOINT SEALANT SHALL CONFORM TO ASTM C-443
4. CONCRETE: 5,000 PSI AT 28 DAYS.
5. REINFORCING PER ASTM A615 (GRADE 60)
6. (4" TALL CASTINGS PROVIDED BY OTHERS)
7. ICAST TO INSTALL THE INTERNALS.
8. CONTECH'S LOGO AS WELL AS ANY INLETS AND OUTLETS MUST BE STENCILED ONTO THE STRUCTURE.

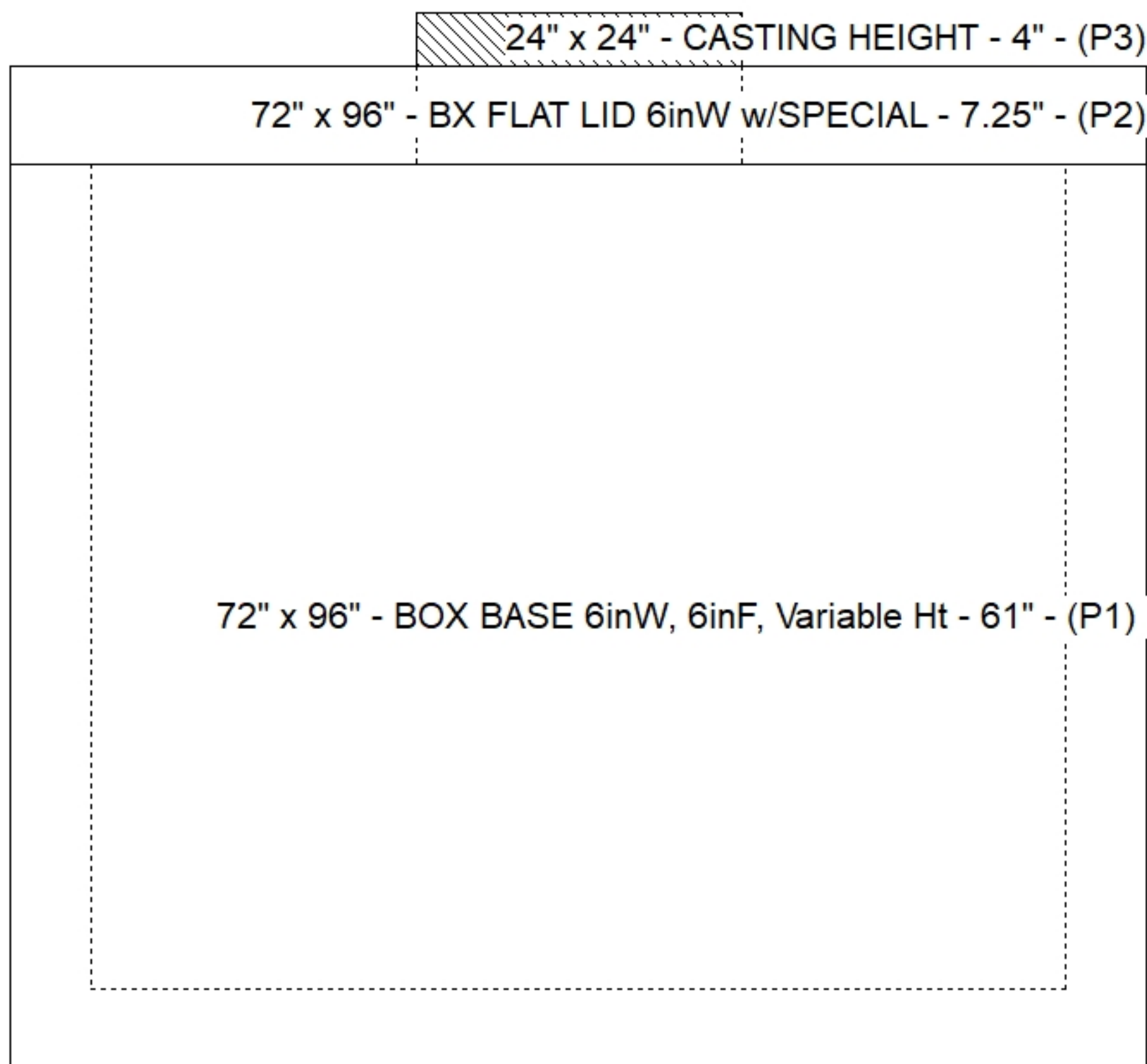
STRUCTURE SUMMARY:

P3) 24" x 24" - CASTING HEIGHT - 4"	0 lb
P2) 72" x 96" - BX FLAT LID 6inW w/SPECIAL - 7.25"	4600 lb
P1) 72" x 96" - BOX BASE 6inW, 6inF, Variable Ht - 61"	15466 lb
1) CVSTENCILING	0 lb
1) ASSEMBLY REQUIRED	0 lb
1) 72" x 96" - Conseal CS-102 1.00"	0 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
Structure Total:	20066 lb

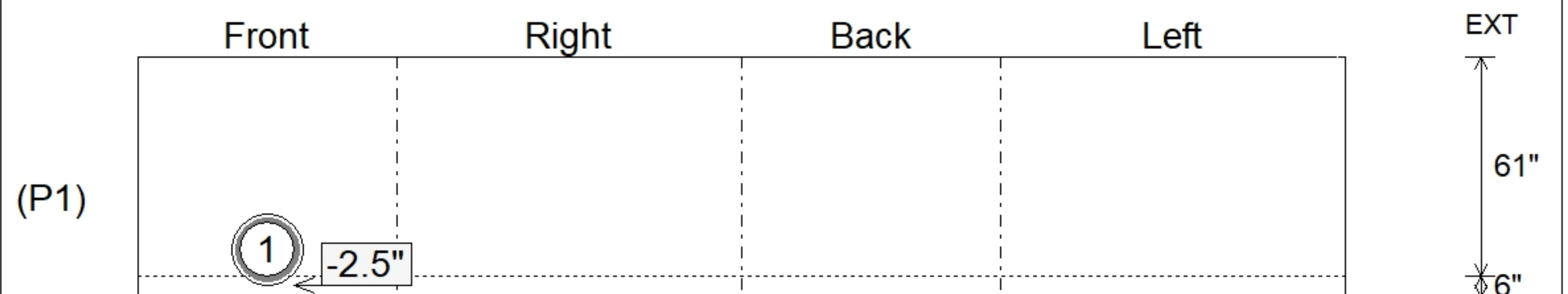


Invert: 1
 Degree: 0°

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	445'							
Reducer								
Invert 1	439.1'	0°	15" HDPE	17.6"	20"	Hole 20	-2.5"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 12/17/2025 10:07:34 AM

SUBMITTAL
 APPROVED BY: