

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: **15-KFPD0406**
 Spec: Storm-Pipe Centered
 Type: BX 6inW, 8inF
 Size: 48" x 72"

Rim: 446.67'
 Invert: 441.11'
 Rim to Invert: 5.56'

Sump: 0"
 Floor (Top): 441.11'
 Floor Height: 8"

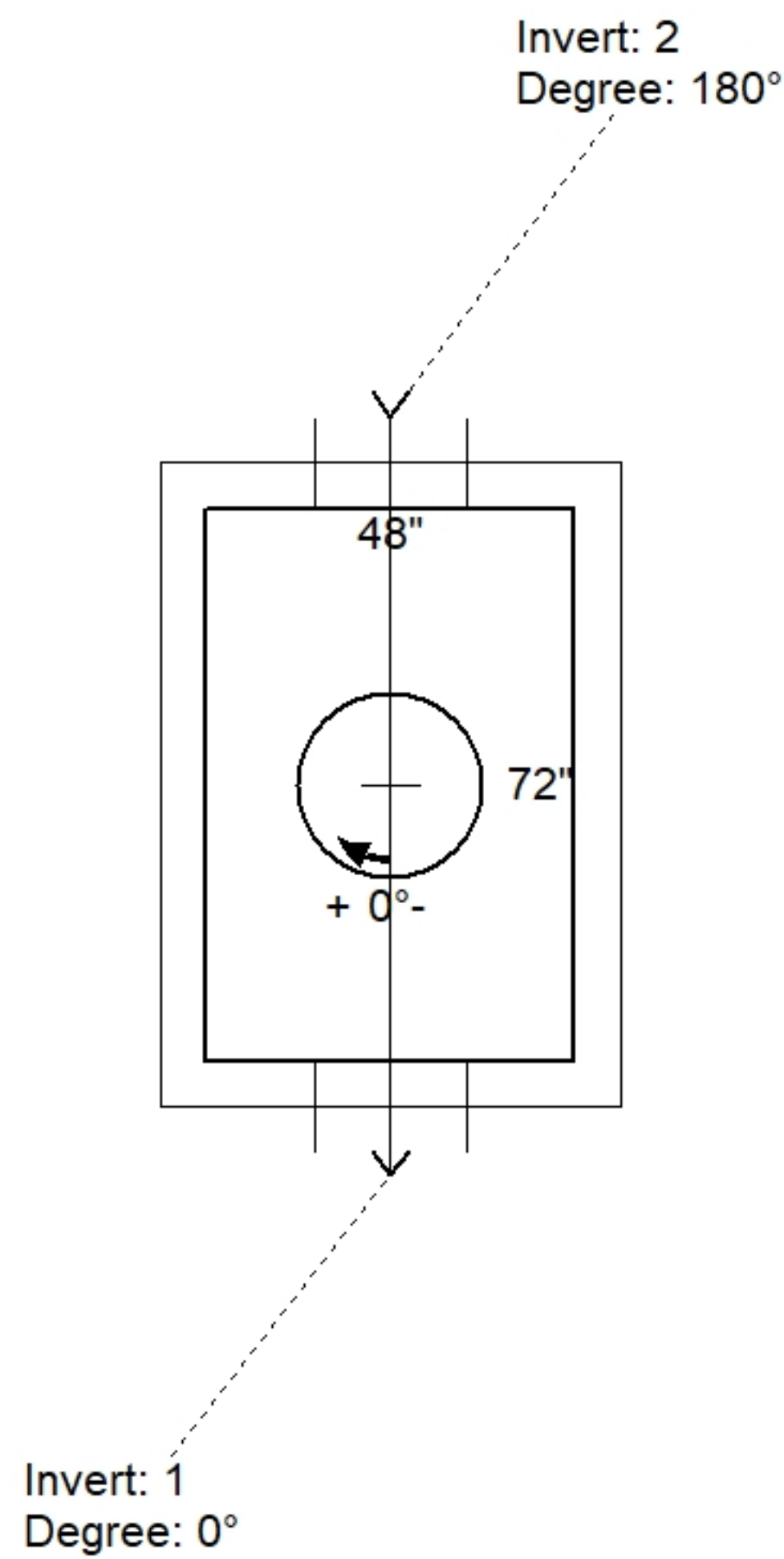
Floor (Bot): 440.443'
 Overall Height: 6.104'
 Slack: 1.47"

Structure Notes:

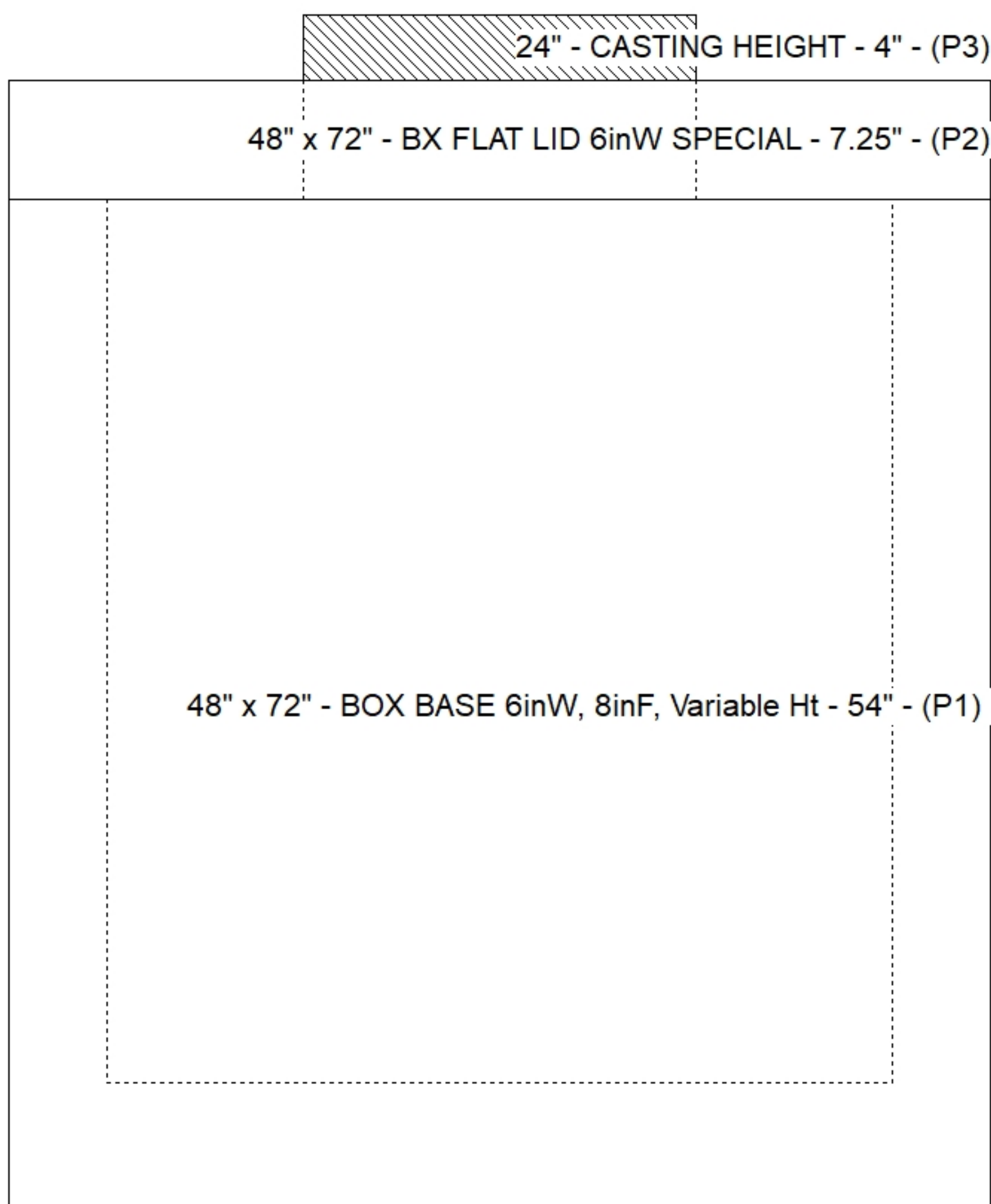
- DESIGN LOADING AASHTO HS-20
- DESIGN SPECIFICATION - ACI 318-14
- JOINT SEALANT SHALL CONFORM TO ASTM C-443
- CONCRETE: 5,000 PSI AT 28 DAYS.
- REINFORCING PER ASTM A615 (GRADE 60)
- (4" TALL CASTINGS PROVIDED BY OTHERS)
- ICAST TO INSTALL THE INTERNALS.
- CONTECH'S LOGO AS WELL AS ANY INLETS AND OUTLETS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

STRUCTURE SUMMARY:

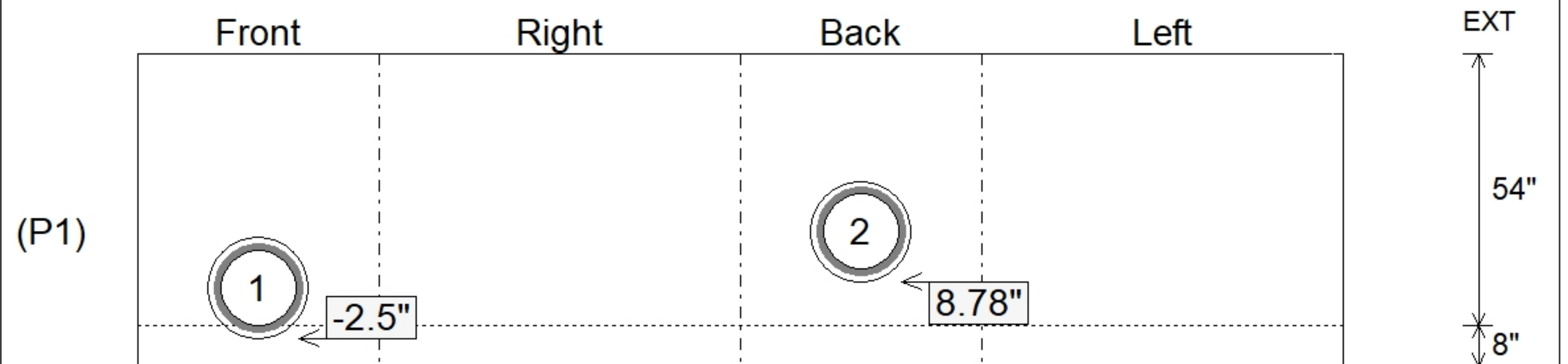
P3) 24" - CASTING HEIGHT - 4"	0 lb
P2) 48" x 72" - BX FLAT LID 6inW SPECIAL - 7.25"	2494 lb
P1) 48" x 72" - BOX BASE 6inW, 8inF, Variable Ht - 54"	10244 lb
1) CVSTENCILING	0 lb
1) ASSEMBLY REQUIRED	0 lb
2) Hole - 20	0 lb
Structure Total:	12738 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	446.67'							
Reducer								
Invert 1	441.11'	0°	15" HDPE	17.6"	20"	Hole 20	-2.5"	P1
Invert 2	442.05'	180°	15" HDPE	17.6"	20"	Hole 20	8.78"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 12/17/2025 10:07:35 AM

SUBMITTAL
 APPROVED BY: