

Job Name: 25-2675 Shelby Co Storm Shelter Ph. 1
Job Location: Shelbyville, KY
Contractor: Trademark Excavating

PC: C. Goff
 TECH: J. Coppage
 Plant: Beaver Dam



Structure ID: **CBI-1B**
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 24"

Rim: 743.1'
 Invert: 738'
 Rim to Invert: 5.1'

Sump: 0"
 Floor (Top): 738'
 Floor Height: 8"

Floor (Bot): 737.333'
 Overall Height: 5.75'
 Slack: 0.2"

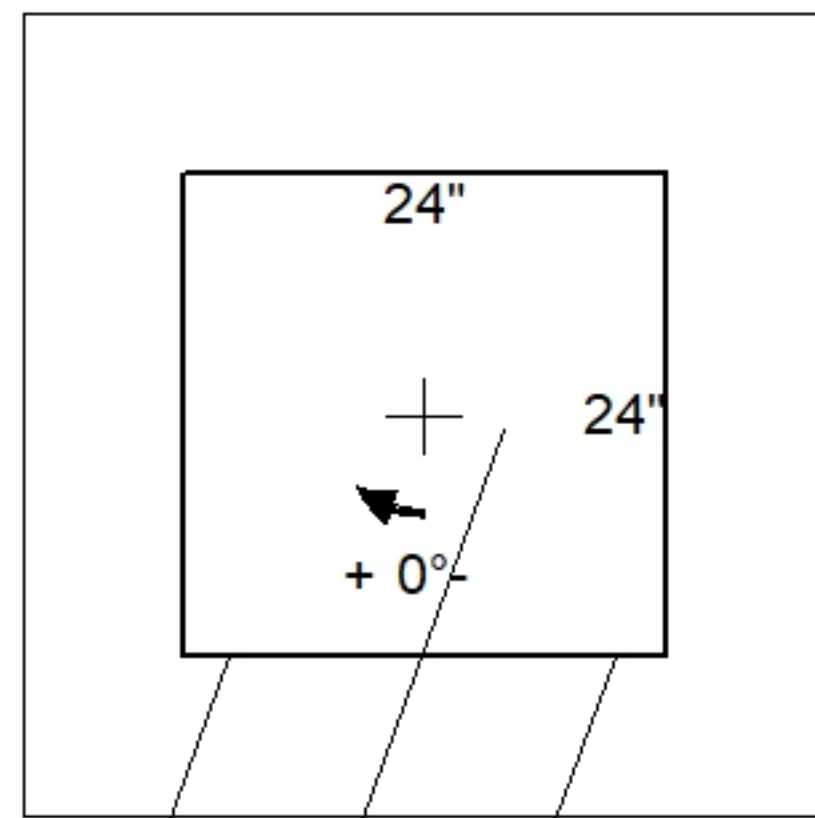
Structure Notes:

- (7" TALL CASTING BY OTHERS)
- PER ASTM C913 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- 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.

STRUCTURE SUMMARY:

P2) 24" x 24" - CASTING HEIGHT - 7" 0 lb
 P1) 24" x 24" - BOX BASE 8inW, 8inF F/n - 54" 5532 lb
 1) 24" x 24" - SGL 1"x14.5' Butyl 0 lb
 1) Hole - 18 0 lb

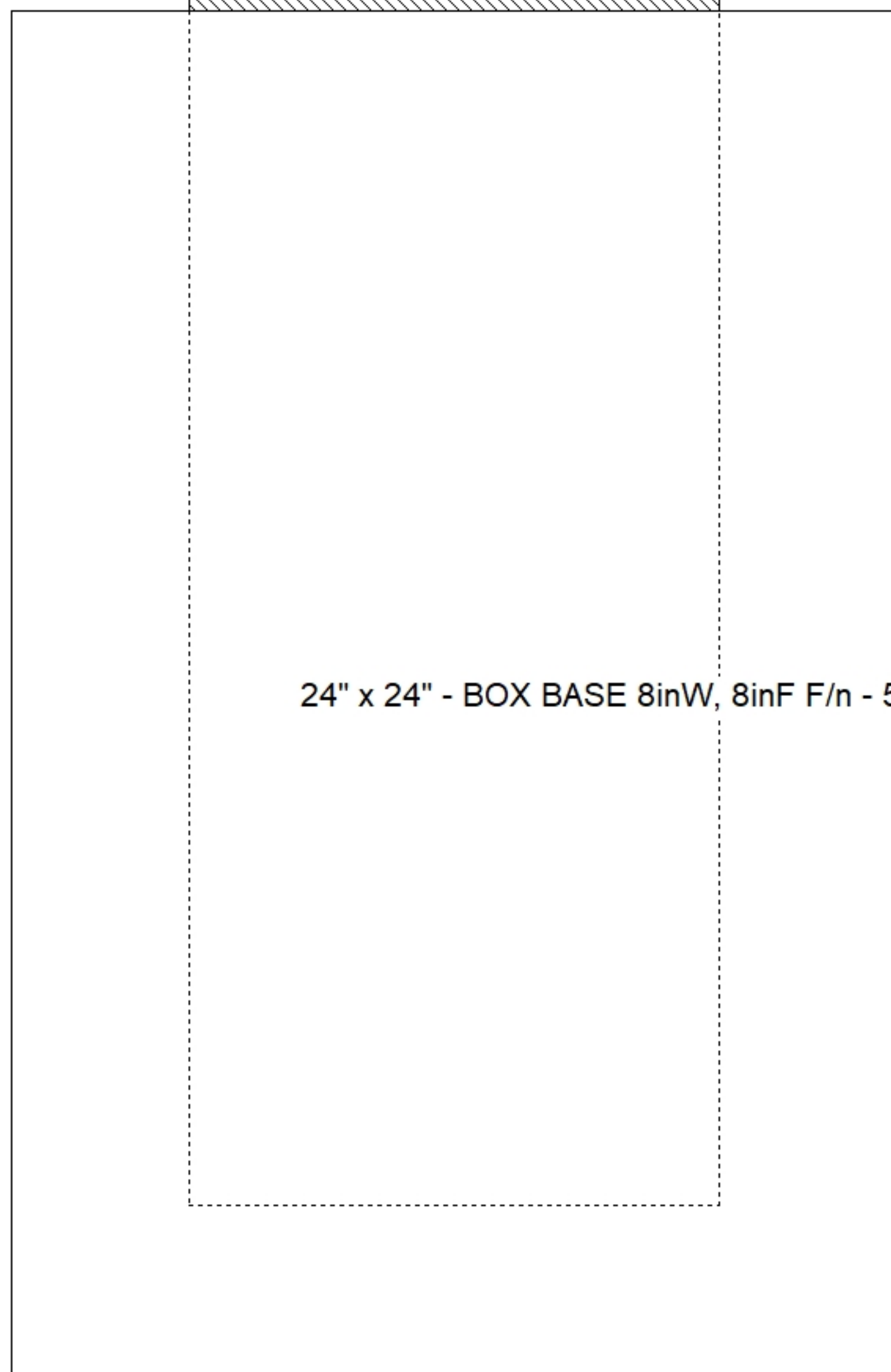
 Structure Total: 5532 lb



Invert: 1
 Degree: 20°

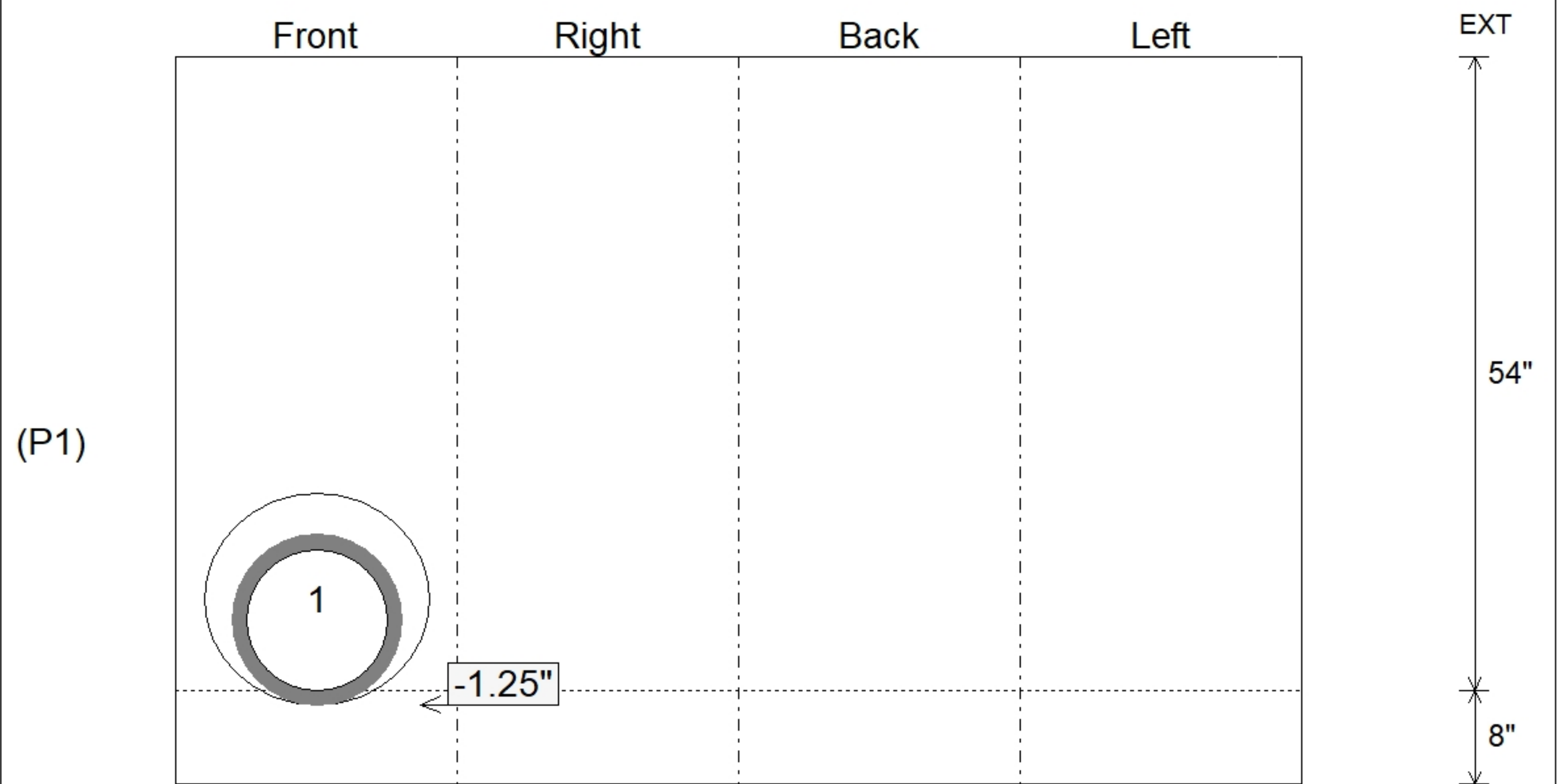
Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	743.1'							
Reducer								
Invert 1	738'	20°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

24" x 24" - CASTING HEIGHT - 7" - (P2)



24" x 24" - BOX BASE 8inW, 8inF F/n - 54" - (P1)

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/10/2025 8:49:36 AM

SUBMITTAL
 APPROVED BY: