

Job Name: 25-3469 - Tennessee Quick Cash
Job Location: Lebanon, TN 37087
Contractor: Covenant Constructors, LLC

PC: A. Chambers
 TECH: K. Cardwell
 Plant: Beaver Dam, KY



Structure ID: **3-53469**
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 24"

Rim: 532'
 Invert: 527.5'
 Rim to Invert: 4.5'

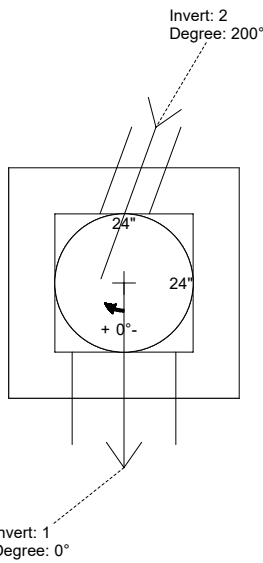
Sump: 0"
 Floor (Top): 527.5'
 Floor Height: 8"

Floor (Bot): 526.833'
 Overall Height: 5.167'
 Slack: 0"

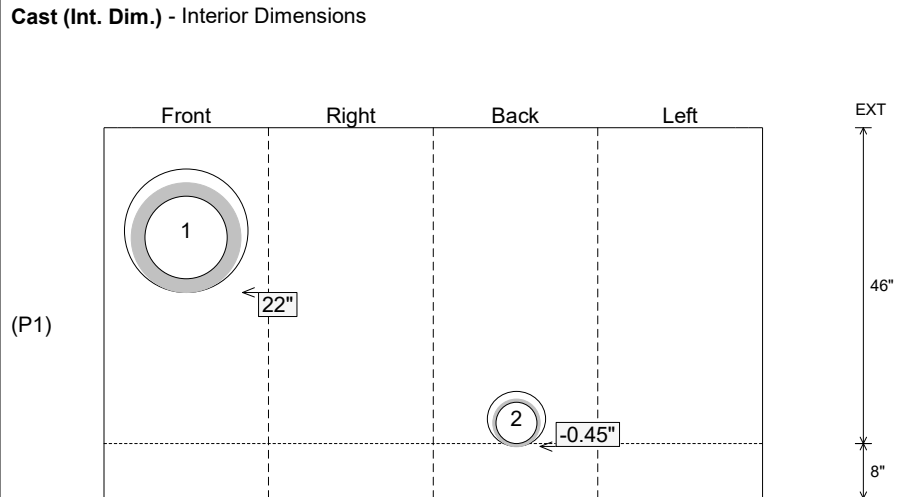
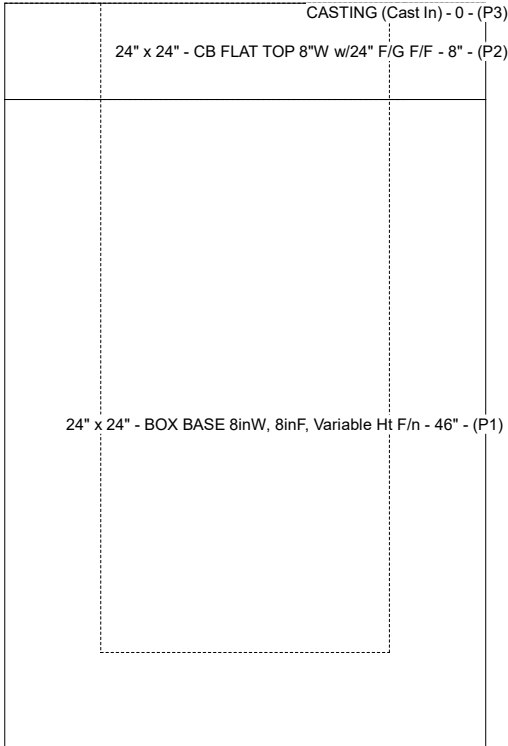
- Structure Notes:**
- PER ASTM C-913 SPECS
 - CONCRETE: 4,500 PSI AT 28 DAYS
 - REINFORCEMENT:
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 - BASE: #5 BAR @ 12" C.C. E.W. (GRADE 60)
 - KY-215 FRAME & BEEHIVE GRATE SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID

STRUCTURE SUMMARY:

P3) CASTING (Cast In) - 0 0 lb
 P2) 24" x 24" - CB FLAT TOP 8"W w/24" F/G F/F - 8" 945 lb
 P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 46" 4820 lb
 1) 24" x 24" - Conseal CS-102 1.00" 0 lb
 1) Hole - 18 0 lb
 1) Hole - 8 0 lb
 _____ 0 lb
Structure Total: 5765 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	532'							
Reducer								
Invert 1	529.5'	0°	12" RCP B WALL	16"	18"	Hole 18	22"	P1
Invert 2	527.5'	200°	6" HDPE (perf pipe)	6.9"	8"	Hole 8	-0.45"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing
 12/5/2025 10:12:14 AM

SUBMITTAL
 APPROVED BY: