

**Job Name: 25-2649 - The Laurel Assisted Living Facility**  
**Job Location: Bowling Green, KY**  
**Contractor: Infinity Pipeline, Inc.**

PC: E. Bradley  
 TECH: K. Cardwell  
 Plant: Beaver Dam, KY



Structure ID: **LS-31**  
 Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 24"

Rim: 551.67'  
 Invert: 547.22'  
 Rim to Invert: 4.45'

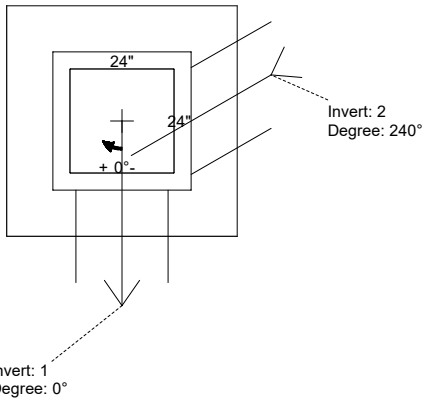
Sump: 0"  
 Floor (Top): 547.22'  
 Floor Height: 8"

Floor (Bot): 546.553'  
 Overall Height: 4.917'  
 Slack: 2.4"

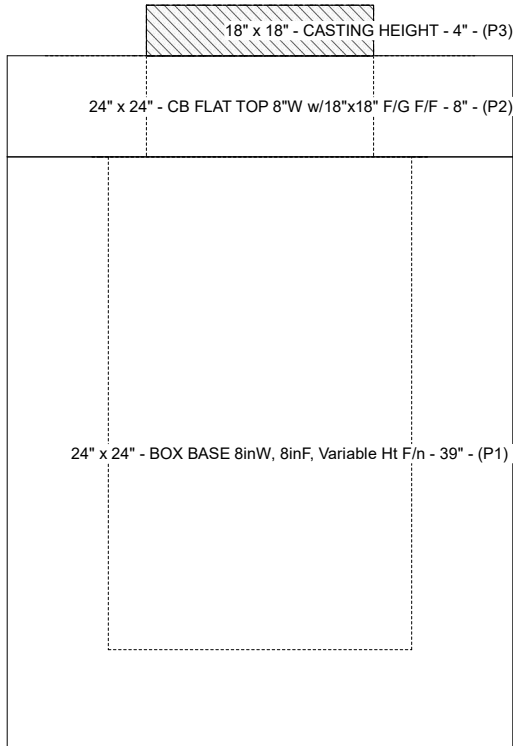
- Structure Notes:**
- PER ASTM C-913 SPECS
  - CONCRETE: 4,500 PSI AT 28 DAYS
  - REINFORCEMENT:
    - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
    - BASE: #5 BAR @ 12" C.C. E.W. (GRADE 60)
  - HOE 165-A FRAME & GRATE SUPPLIED BY ICAST

**STRUCTURE SUMMARY:**

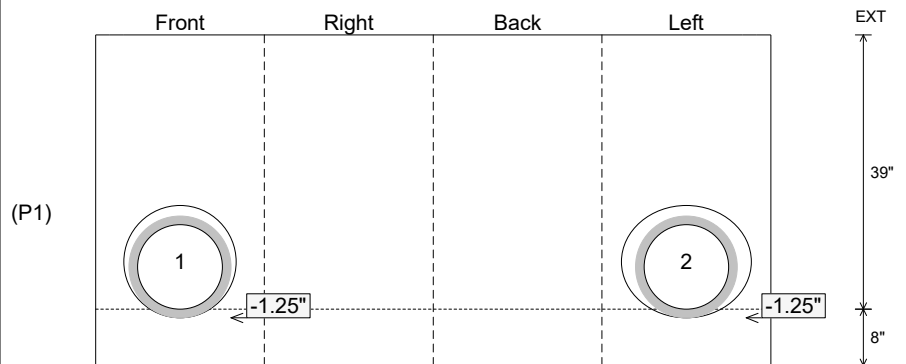
- P3) 18" x 18" - CASTING HEIGHT - 4" 0 lb
  - P2) 24" x 24" - CB FLAT TOP 8"W w/18"x18" F/G F/F - 8" 857 lb
  - P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39" 4134 lb
  - 1) CASTING - HOE 165A F/G 138 lb
  - 1) 24" x 24" - Conseal CS-102 1.00" 0 lb
  - 1) 18" x 18" - Conseal CS-102 1.00" 0 lb
  - 2) Hole - 16 0 lb
- Structure Total: 5129 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	551.67'							
Reducer								
Invert 1	547.22'	0°	12" HDPE	14.5"	16"	Hole 16	-1.25"	P1
Invert 2	547.22'	240°	12" HDPE	14.5"	16"	Hole 16	-1.25"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 12/4/2025 2:52:06 PM

SUBMITTAL  
 APPROVED BY: