

**Job Name: 25-2991 BHS Addition & Renovation Ph 2**  
**Job Location: Bardstown, KY**  
**Contractor: Parker Excavating, LLC**

PC: Erica Bradley  
 TECH: J. Horsley - A  
 Plant: 100



Structure ID: **4B**  
 Spec: Storm  
 Type: STM.MH  
 Size: 60"

Rim: 647.1'  
 Invert: 641.25'  
 Rim to Invert: 5.85'

Sump: 1.9"  
 Floor (Top): 641.092'  
 Floor Height: 8"

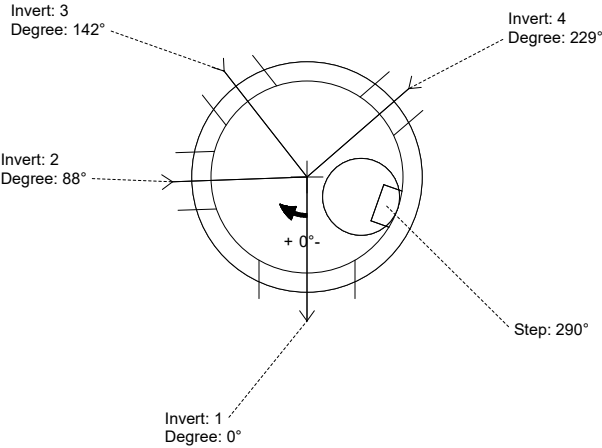
Floor (Bot): 640.425'  
 Overall Height: 6.667'  
 Slack: 0.1"

- Structure Notes:**
- PER ASTM C-478 SPECIFICATIONS
  - CONCRETE: 4,000 PSI AT 28 DAYS
  - REINFORCEMENT:
    - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
    - BASE: PER ASTM A615
  - NO STORM INVERT
  - STEPS 290 DEGREES
  - HOE MC-315 FRAME & COVER "STORM" SUPPLIED BY ICAST

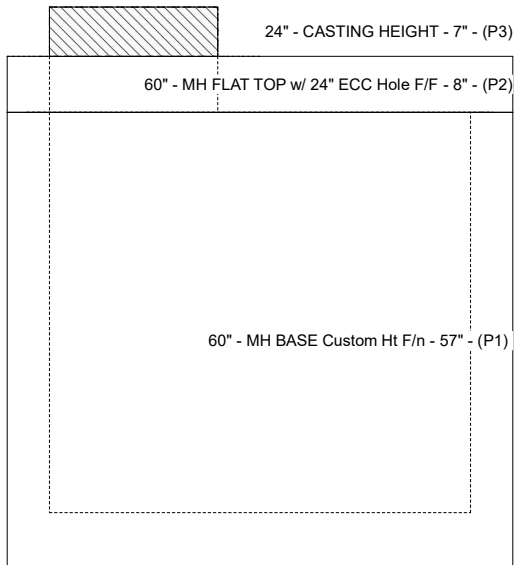
**STRUCTURE SUMMARY:**

P3) 24" - CASTING HEIGHT - 7" 0 lb  
 P2) 60" - MH FLAT TOP w/ 24" ECC Hole F/F - 8" 2429 lb  
 P1) 60" - MH BASE Custom Ht F/n - 57" 7921 lb  
 1) CASTING - HOE MC-315 F/C Storm 258 lb  
 1) 60" - Conseal CS-102 1.00" 0 lb  
 1) Hole - 30 0 lb  
 1) Hole - 18 0 lb  
 1) Hole - 20 0 lb  
 1) Hole - 16 0 lb  
 5) MH Step ML-10-TDS-NCR - 10" 0 lb

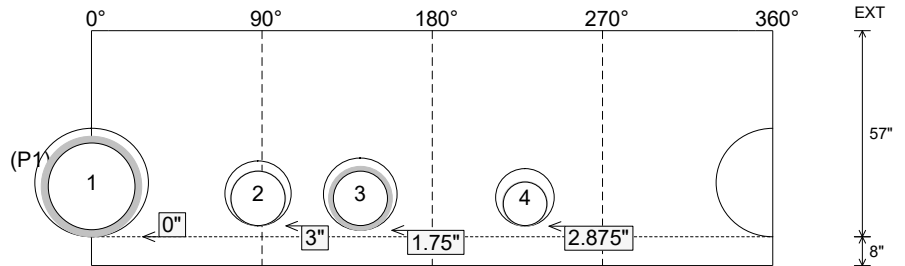
Structure Total: 10608 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	647.1'							
Reducer								
Invert 1	641.25'	0°	24" HDPE	27.8"	30"	Hole 30	0"	P1
Invert 2	641.35'	88°	15" PVC SDR35	15.3"	18"	Hole 18	3"	P1
Invert 3	641.35'	142°	15" HDPE	17.6"	20"	Hole 20	1.75"	P1
Invert 4	641.35'	229°	12" PVC SDR35	12.5"	16"	Hole 16	2.875"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: