Job Name: 26-2080 - The Cumberland
Job Location: Bowling Green, KY
Contractor: J & J Concrete & Excavating, LLC

PC: E. Bradley
TECH: Jared - A
Plant: 100

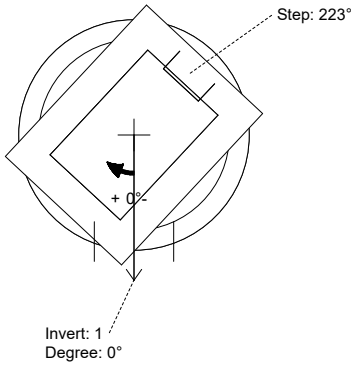
Structure ID: **D3 ST-CI**

Spec: Storm	Rim: 530.69'	Sump: 0"	Floor (Bot): 524.8'
Type: STM.MH (Recessed pipe)	Invert: 525.3'	Floor (Top): 525.3'	Overall Height: 5.75'
Size: 48"	Rim to Invert: 5.39'	Floor Height: 6"	Slack: 1.68"

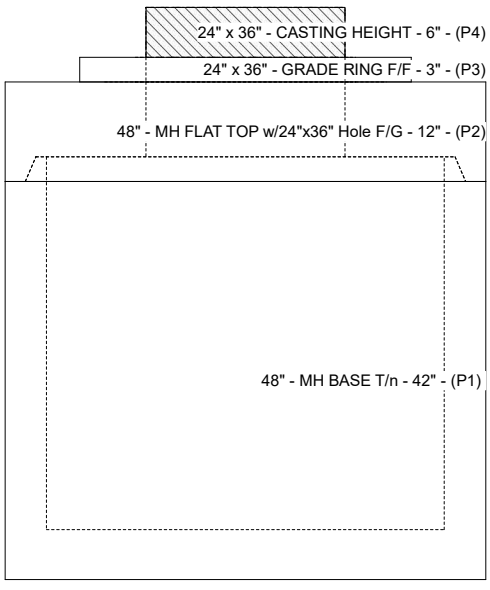
Structure Notes:
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
   - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
   - BASE: PER ASTM A615
4. STEPS AT 223 DEGREES
5. HOE 525 FRAME, FLAT GRATE, & CURB HOOD SUPPLIED BY ICAST

STRUCTURE SUMMARY:

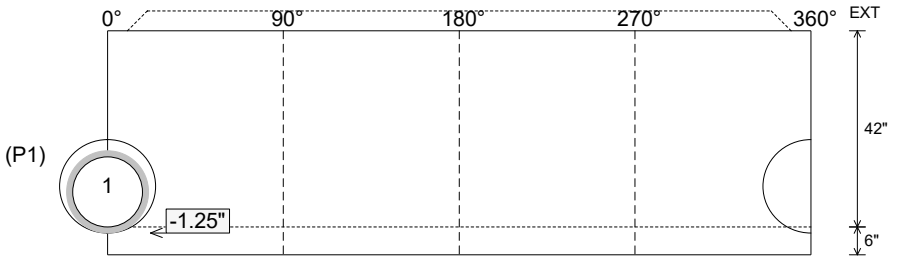
P4) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P3) 24" x 36" - GRADE RING F/F - 3"	306 lb
P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12"	1300 lb
P1) 48" - MH BASE T/n - 42"	4129 lb
1) CASTING - HOE 525 SET (F/G/H)	442 lb
1) 48" - Conseal CS-102 1.00"	0 lb
2) 24" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6177 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	530.69'							
Reducer								
Invert 1	525.3'	0°	15" HDPE	17.6"	20"	Hole 20	-1.25"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: