

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: **C5 ST-CI**

Spec: Storm
 Type: STM.MH
 Size: 48"

Rim: 532.75'
 Invert: 527.68'
 Rim to Invert: 5.07'

Sump: 1.9"
 Floor (Top): 527.522'
 Floor Height: 6"

Floor (Bot): 527.022'
 Overall Height: 5.5'
 Slack: 2.74"

Structure Notes:

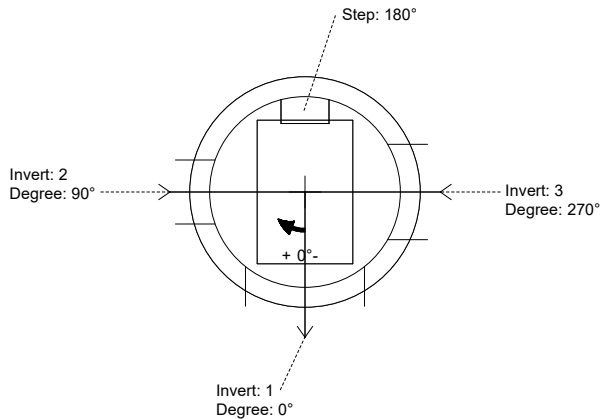
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
4. STEPS AT 180 DEGREES
5. HOE 525 FRAME, FLAT GRATE, & CURB HOOD SUPPLIED BY ICAST

STRUCTURE SUMMARY:

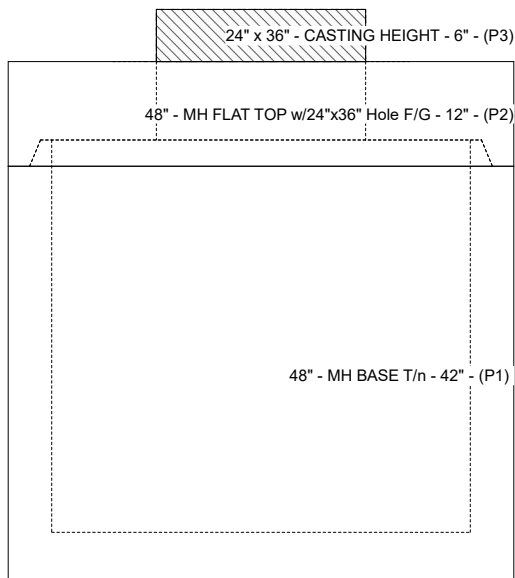
- P3) 24" x 36" - CASTING HEIGHT - 6"
 P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12"
 P1) 48" - MH BASE T/n - 42"
 1) CASTING - HOE 525 SET (F/G/H)
 1) 48" - Conseal CS-102 1.00"
 1) 24" x 36" - Conseal CS-102 1.00"
 1) Hole - 30
 1) Hole - 16
 1) Hole - 24
 3) MH Step ML-10-TDS-NCR - 10"

0 lb
 1300 lb
 3665 lb
 442 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb

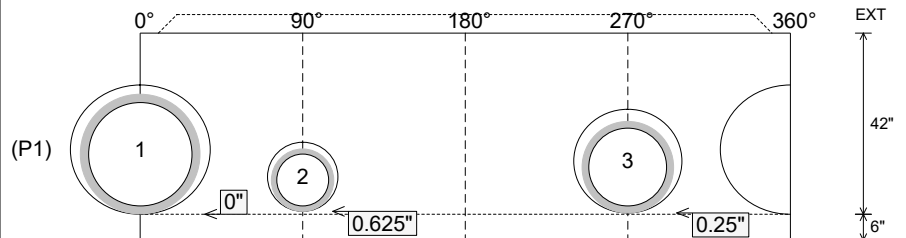
Structure Total: 5407 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	532.75'							
Reducer								
Invert 1	527.68'	0°	24" HDPE	27.8"	30"	Hole 30	0"	P1
Invert 2	527.68'	90°	12" HDPE	14.5"	16"	Hole 16	0.625"	P1
Invert 3	527.68'	270°	18" HDPE	21.2"	24"	Hole 24	0.25"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: