

**Job Name: 25-2592 - Meadows-Northland Ph 7**  
**Job Location: Lexington, KY**  
**Contractor: Delmae LLC**

PC: T. Lewis  
 TECH: J. Horsley - F  
 Plant: 100



Structure ID: **S5**  
 Spec: Storm  
 Type: STM.MH (Recessed pipe)  
 Size: 48"

Rim: 975.87'  
 Invert: 964.61'  
 Rim to Invert: 11.26'

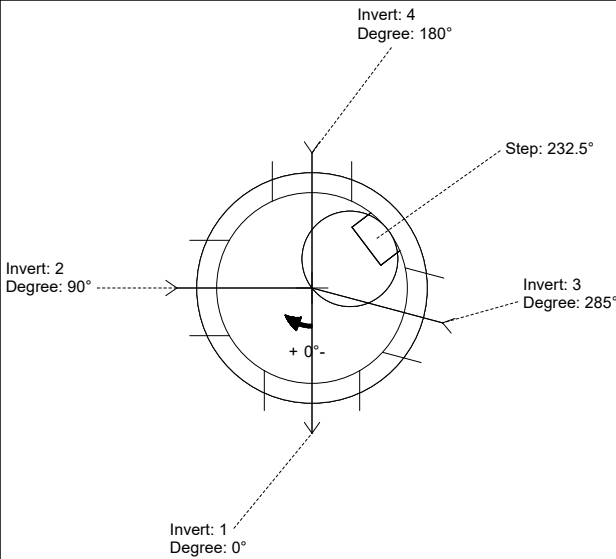
Sump: 0"  
 Floor (Top): 964.61'  
 Floor Height: 6"

Floor (Bot): 964.11'  
 Overall Height: 11.75'  
 Slack: 0.12"

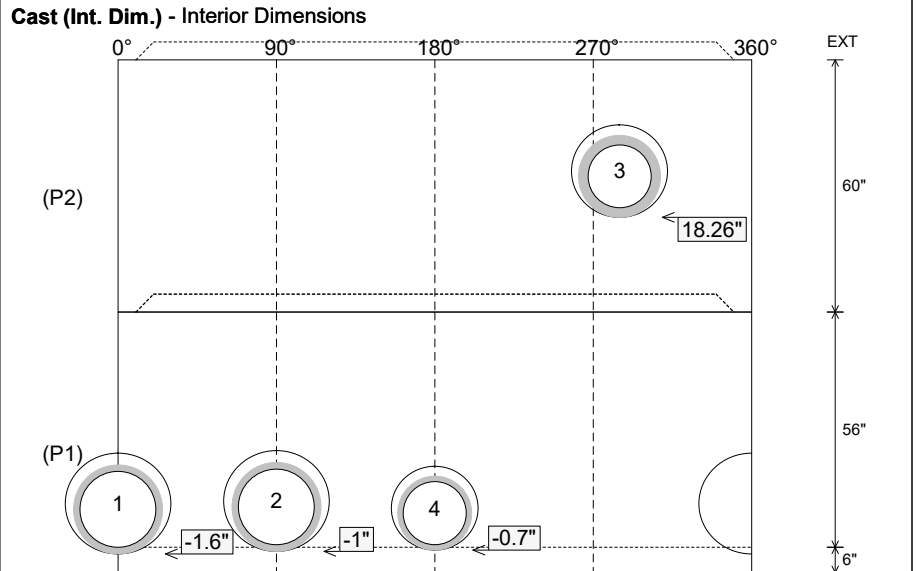
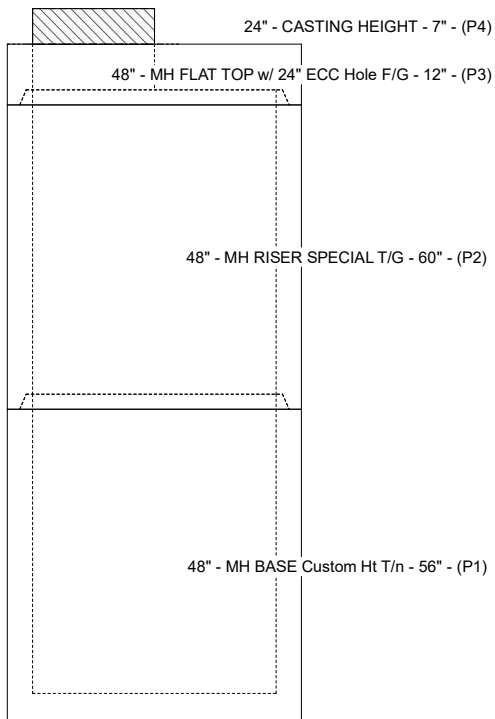
- Structure Notes:**
- PER ASTM C-478 SPECIFICATIONS
  - CONCRETE: 4,000 PSI AT 28 DAYS
  - REINFORCEMENT:
    - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
    - BASE & RISER: PER ASTM A615
  - NO STORM INVERT
  - STEPS AT 232.5 DEGREES
  - HOE MC-350 FRAME & COVER "STORM" SUPPLIED BY OTHERS

**STRUCTURE SUMMARY:**

P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 48" - MH FLAT TOP w/ 24" ECC Hole F/G - 12"	1561 lb
P2) 48" - MH RISER SPECIAL T/G - 60"	4027 lb
P1) 48" - MH BASE Custom Ht T/n - 56"	4713 lb
2) 48" - Conseal CS-102 1.00"	0 lb
2) Hole - 24	0 lb
1) Hole - 22	0 lb
1) Hole - 20	0 lb
10) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>10300 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	975.87'							
Reducer								
Invert 1	964.61'	0°	18" HDPE	21.2"	24"	Hole 24	-1.6"	P1
Invert 2	964.66'	90°	18" HDPE	21.2"	24"	Hole 24	-1"	P1
Invert 3	971.34'	285°	15" RCP B WALL	19.5"	22"	Hole 22	18.26"	P2
Invert 4	964.66'	180°	15" HDPE	17.6"	20"	Hole 20	-0.7"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: