

Job Name: 25-2727 - S English Station Storage
Job Location: Louisville, KY
Contractor: H&W Landwork

PC: T. Lewis
 TECH: J. Copping - F
 Plant: Beaver Dam, KY



Structure ID: 13
 Spec: Storm
 Type: STM.MH
 Size: 48"

Rim: 704.5'
 Invert: 700'
 Rim to Invert: 4.5'

Sump: 1.9"
 Floor (Top): 699.842'
 Floor Height: 6"

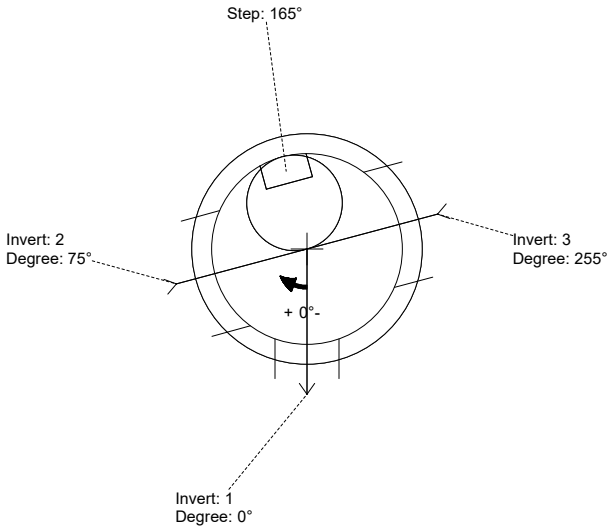
Floor (Bot): 699.342'
 Overall Height: 5.083'
 Slack: 0.9"

Structure Notes:

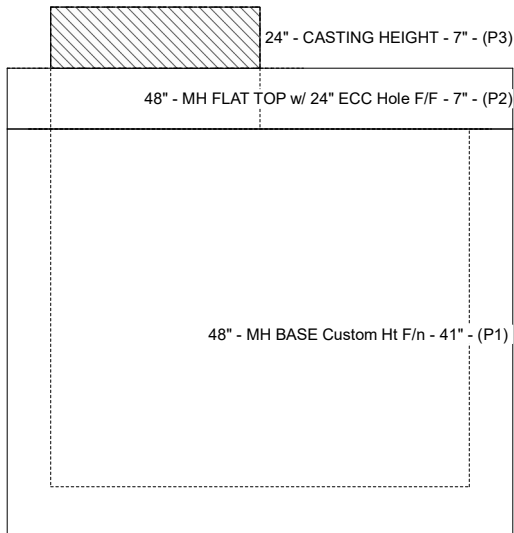
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
4. NO STORM INVERT
5. STEPS AT 165 DEGREES
6. HOE MC-420 FRAME & COVER "STORM LOU-MSD" SUPPLIED BY ICAST

STRUCTURE SUMMARY:

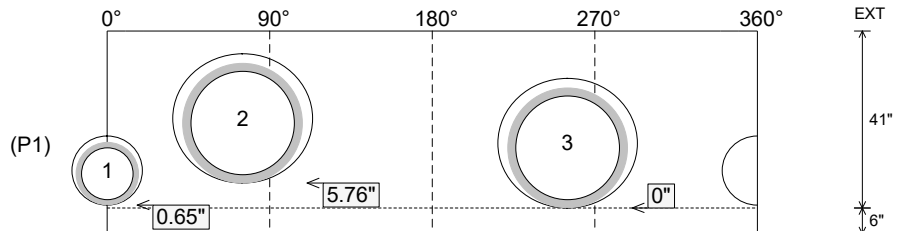
P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - MH FLAT TOP w/ 24" ECC Hole F/F - 7"	1286 lb
P1) 48" - MH BASE Custom Ht F/n - 41"	3477 lb
1) CASTING - HOE MC-420 F/C Storm LOU-MSD	340 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 16	0 lb
2) Hole - 30	0 lb
3) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	5103 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	704.5'							
Reducer								
Invert 1	700'	0°	12" HDPE	14.5"	16"	Hole 16	0.65"	P1
Invert 2	700.48'	75°	24" HDPE	27.8"	30"	Hole 30	5.76"	P1
Invert 3	700'	255°	24" HDPE	27.8"	30"	Hole 30	0"	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: