

Job Name: 26-1577 - Elkhorn Elementary Redesign
Job Location: Frankfort, KY 40601
Contractor: Louisville Paving and Construction

PC: J. Jarvis
 TECH: Jared - A
 Plant: 100



Structure ID: **MH503-3 ST-MH**

Spec: Storm
 Type: STM.MH (Recessed pipe)
 Size: 48"

Rim: 757.19'
 Invert: 754.03'
 Rim to Invert: 3.16'

Sump: 1.9"
 Floor (Top): 753.872'
 Floor Height: 6"

Floor (Bot): 753.372'
 Overall Height: 3.75'
 Slack: 0.82"

Structure Notes:

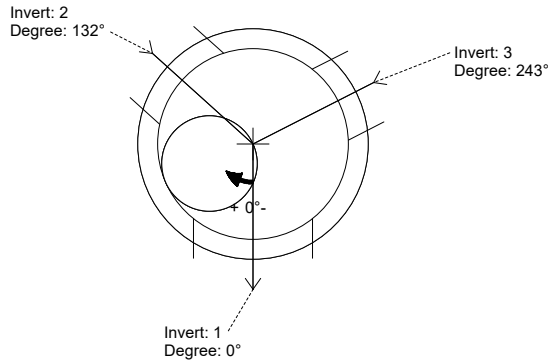
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
4. NO STORM INVERT
5. NO STEPS
6. HOE MC-350 FRAME & COVER "STORM" SUPPLIED BY ICAST
7. CUSTOMER WILL BE RESPONSIBLE FOR NOTCHING TOP OF 24" HDPE TO FIT BELOW FLAT LID

STRUCTURE SUMMARY:

- P3) 24" - CASTING HEIGHT - 7"
 P2) 48" - MH FLAT TOP SPEC. HT. (6") w/24" ECC Hole F/F - 6"
 P1) 48" - MH BASE Custom Ht F/n - 26"
 1) CASTING - HOE MC-350 F/C Storm
 1) 48" - Con Seal CS-102 1.00"
 1) DOGHOUSE INVRTD - 30"x26"
 1) DOGHOUSE INVRTD - 24"x26"
 1) DOGHOUSE INVRTD - 20"x20"

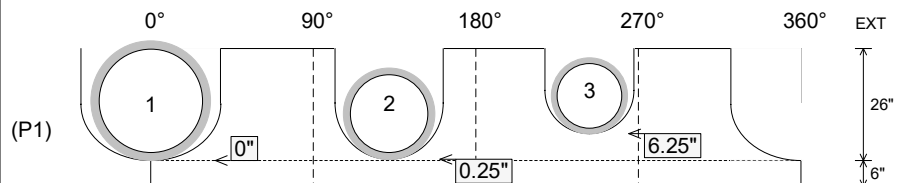
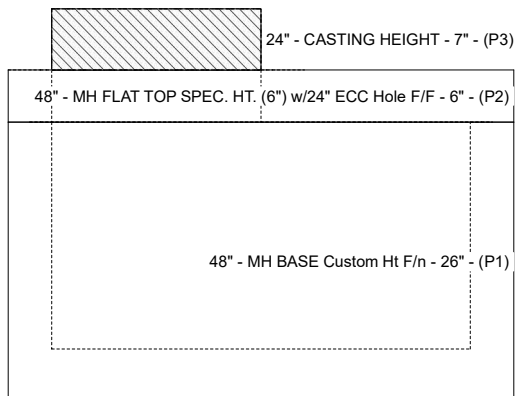
0 lb
 771 lb
 2444 lb
 305 lb
 0 lb
 0 lb
 0 lb
 0 lb

Structure Total: 3520 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	757.19'							
Reducer								
Invert 1	754.03'	0°	24" HDPE	27.8"	30" x 26"	DOGHOUSE INVRTD 30"x26"	0"	P1
Invert 2	754.03'	132°	18" HDPE	21.2"	24" x 26"	DOGHOUSE INVRTD 24"x26"	0.25"	P1
Invert 3	754.5'	243°	15" HDPE	17.6"	20" x 20"	DOGHOUSE INVRTD 20"x20"	6.25"	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: