

Job Name: 25-4299 - Seneca High School
Job Location: Louisville, KY
Contractor: Dan Cristiani Excavating Co. Inc.

PC: J. Jarvis
 TECH: J. Horsley
 Plant: 100



Structure ID: **E5**
 Spec: MSD
 Type: Yard Drain
 Size: 48"

Rim: 489.7'
 Invert: 486'
 Rim to Invert: 3.7'

Sump: 0"
 Floor (Top): 486'
 Floor Height: 6"

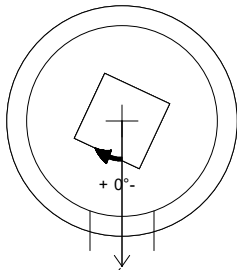
Floor (Bot): 485.5'
 Overall Height: 4.167'
 Slack: 0.4"

- Structure Notes:**
- PER LOUISVILLE MSD / ASTM C-478 SPECIFICATIONS
 - CONCRETE: 4,000 PSI AT 28 DAYS
 - REINFORCEMENT:
 - FLAT LID: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
 - NO STORM INVERT
 - NO STEPS
 - HOE 165-A FRAME & GRATE SUPPLIED BY OTHERS

STRUCTURE SUMMARY:

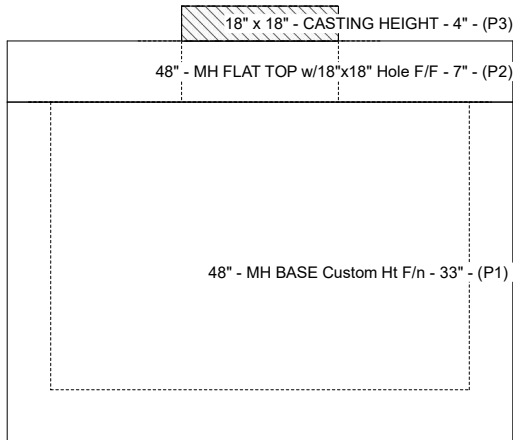
P3) 18" x 18" - CASTING HEIGHT - 4"	0 lb
P2) 48" - MH FLAT TOP w/18"x18" Hole F/F - 7"	1362 lb
P1) 48" - MH BASE Custom Ht F/n - 33"	3550 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) 18" x 18" - Conseal CS-102 1.00"	0 lb
1) Hole - 16	0 lb

Structure Total:	4911 lb

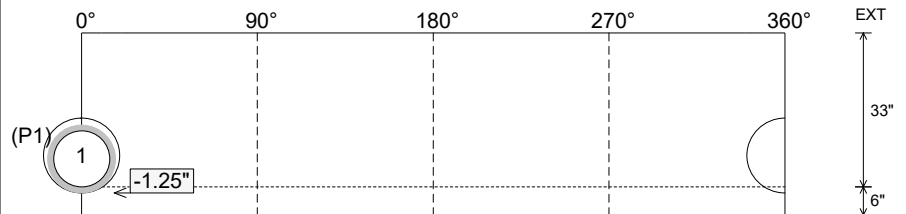


Invert: 1
 Degree: 0°

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	489.7'							
Reducer								
Invert 1	486'	0°	12" HDPE	14.5"	16"	Hole 16	-1.25"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 2/16/2026 10:13:52 AM

SUBMITTAL
 APPROVED BY: