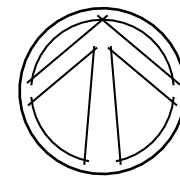
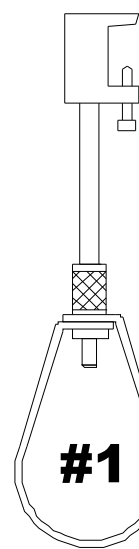




Lee's Summit Fire Department
Lee's Summit, Missouri
12/12/2023



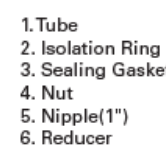
LOCATION MAP



#1: 3/8" TOP BEAM CLAMP, 3/8" ALL THREAD ROD, SPLIT HANGER RING. FOR FIRST FLOOR THE MAIN PIPE IS MAINLY HUNG WITH THIS HANGER.



JOISTS ABOVE

Unbraided Flexible Hose




Max.Temp.	225°F	
Max.Pressure.	175 psi	
Min. Bend Radius	6"	
K-Factors	1/2" Outlet	5.6
	3/4" Outlet	8.0

Outlet	1/2", 3/4"
Inlet	1" NPT
Length	28", 40", 48", 60", 67"

Sprinkler Legend											
Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temperature	Note
	Generic			36	5.6	Upright	½	Quick	Chrome	155 °F	ETR
	Viking		VK3021	20	5.6	Pendent	½	Quick	Chrome	175 °F	New
				Total = 56							

TI
0 1/4" = 1 Foot

11-30-23



1. Design is based on 2016 NFPA 13 for installation & NFPA 25 for maintenance.
2. All sprinkler material to comply with UL listings, all AHJ requirements, and NFPA standards.
3. Continuous central monitoring of sprinkler systems per NFPA 72 to be by others.
4. All valves to be monitored by tamper switches.
5. All electrical wiring to be by others.
6. Any underground pipe work to be by others.
7. All painting of sprinkler pipe to be by others.
8. All patching and/or painting of penetrated drywall and masonry walls to be by others.
9. Adequate heat to be maintained to prevent pipe freezing.
10. This building is Unobstructed Noncombustible construction.
11. Wet pipe system.
12. No work done in hydraulically remote area.
13. 1-1/4" grooved pipe shall be schedule 10, 1-1/2" - 4" to be schedule 7
14. 1" to be black schedule 40 steel.

[illegible]

CONTRACTOR

PROJECT

AHJ
Lee's Summit
Designer
DB
Scale
1/4" = 1'-0
Total Sprinklers on Job
56
Job Number
FP27270
Date
11-30-23
Sheet Number
FP 1 of 1