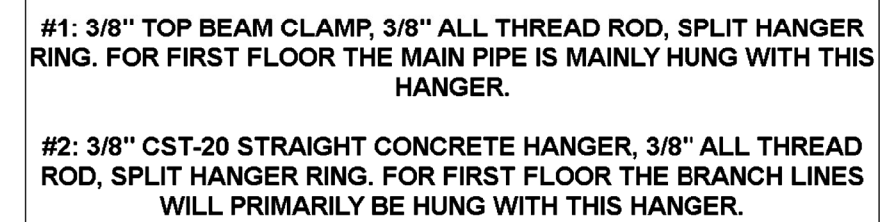


Lee's Summit Fire Department
Lee's Summit, Missouri
10/24/2023



KEY PLAN
- NOT TO SCALE -
SCOPE: New pipe in new
warehouse office space



JOISTS ABOVE

Unbraided Flexible Hose



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

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

40" FLEX DROPS TO BE USED FOR CENTER OF TILE INSTALLATION

Sprinkler Legend											
Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temperature	Notes
	Viking	VK302	12979	31	5.6	Pendent	½	Quick	Chrome	175°F	
				Total = 31							

AHJ
Lee's Summit
Designer
BLV
Scale
1/4" = 1'-0"
al Sprinklers on Job
31
Job Number
FP27203
Date
8/18/2023
Sheet Number
FP 1 of 1

CONTRACTOR	
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PROJECT

PLOT DATE: 10/18/23 FILE NAME: FP27203 Midwest

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**TIE NEW LOWER COMPLEMENT INTO SYSTEM #3
RISER LOCATED IN PUMP-ROOM AND INSTALL AUX DRAIN.**

Office Layout — Midwest Distribution LSC Bldg 2
0¼" = 1 Foot

General Fire Protection Notes & Legend

1. Design is based on 2016 NFPA 701 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.

SCOPE OF WORK:
Add new for office space to an existing warehouse

Hazard rating:
Light

*PIPE IS 1" BLACK SCHEDULE 40 UNO

Revisions



Vet System
Light

