

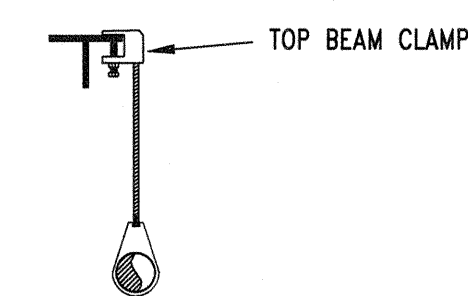
RELEASED FOR CONSTRUCTION  
As Noted on Plan Review

Lee's Summit Fire Department  
Lee's Summit, Missouri  
06/02/2025

SITE PLAN- N.T.S.

#### GENERAL NOTES

- THE SYSTEM DESIGN CRITERIA COMPLIES WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- ALL PIPING SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- ALL FITTINGS SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- ALL HANGERS SHALL CONFORM TO THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- FITTINGS FOR 1" THRU 2" SHALL BE CAST IRON THREADED. FITTINGS FOR 2 1/2" THRU 4" PIPING ARE TO BE GROOVED OR WELDED OUTLETS.
- LENGTHS OF PIPING 1" THRU 2" ARE SHOWN AS THREAD TO THREAD UNLESS NOTED AS: G - GROOVE, U - WELD, F - FACE OR FLANGE OR T - THREAD.
- ALL SECTIONS OF TRAPPED PIPING SHALL HAVE AUXILIARY DRAINS WHERE REQUIRED.
- THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE HEAT TO PREVENT THE PIPING FROM FREEZING.
- ALL SWITCHBOARDS, PANEL BOARDS, DISTRIBUTION BOARDS AND MOTOR CONTROL CENTERS SHALL BE PROTECTED FROM DAMAGE BY OTHERS.



HANGER #01  
NOT TO SCALE  
1 -- All Thread Rod  
1 -- Ring  
1 -- Top Beam Clamp

#### HANGER SPACING TABLE

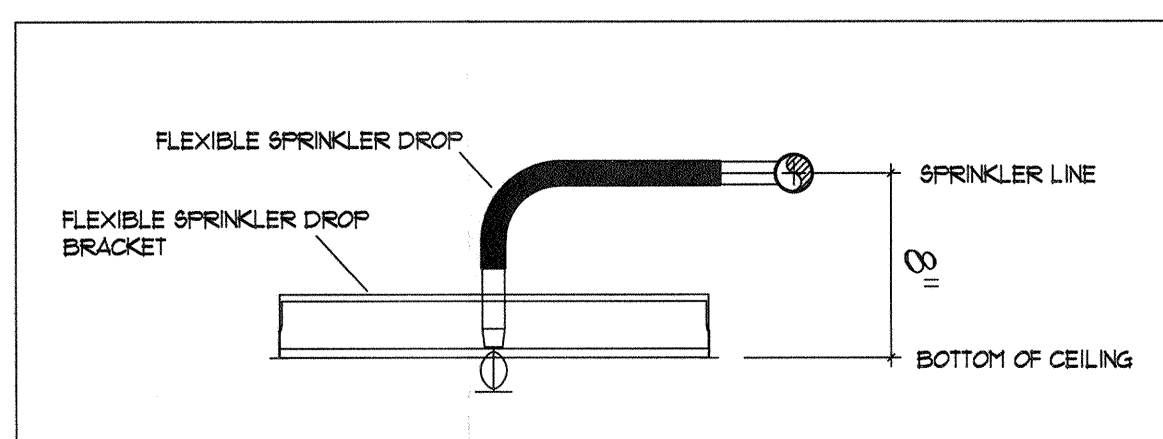
HANGER SPACING FOR STEEL PIPE (SCH. 40)

PIPE SIZE	HANGER SPACING
1", 1 1/4"	12'
1 1/2" & LARGER	15'

HANGER SPACING FOR STEEL PIPE (THINWALL)

PIPE SIZE	HANGER SPACING
1" - 3"	12'
4" & LARGER	15'

\*NO WORK ON RISER, NO CALCS NEEDED



TYPICAL FLEXIBLE SPRINKLER DROP  
PIPING TO BE INSTALLED 8" ABOVE CEILING TO ALLOW  
FOR FLEXIBLE SPRINKLER DROP CONNECTIONS

CONSTRUCTION:  
INSULATED METAL DECK ROOF ON STEEL BEAMS & BAR JOIST • ELEV. AS NOTED ON PLAN

PIPE TYPE:  
SCREWED 2" AND SMALLER TO BE SCH. 40 PIPE, WELDED 2" AND LARGER TO BE SCH. 10 PIPE

DESIGN CRITERIA:  
PER NFPA 13, LIGHT HAZARD, 0.10 GPM/SQFT FOR 1500 SQFT. OPERATING  
MAX 225 SQFT/HEAD SPACING • 100 GPM FOR HOSE ALLOWANCE

Symbol	Description
○	Hydraulic Reference Points
⊕=0'-0"	Elev. Below Top of Steel
⊕L=0'-0"	Elev. Above Finished Floor
+ Ⓢ08 0'-0"	Elev. of Top of Steel
Ⓢ	Ceiling Height
Ⓢ	Denotes Hanger Location
○	Rise up or down
ALL PIPE CUTS ARE CENTER TO CENTER	

Sprinkler Head Summary										
Symbol	Count	NPT	Orif.	Make	Model	Finish	Style	Temp.	K=	SIN
⊙							EXISTING PENDENT TO REMAIN			
⊙	20	1/2"	1/2"	VIKING	QR	CHROME	PENDENT	155°	5.6	VK3021
⊙							EXISTING EC PENDENT TO REMAIN			
⊙	14	3/4"	3/4"	VIKING	QR	CHROME	EC PENDENT	155°	112	VK6008
⊙							1" PLUG			
⊙							EXISTING UPRIGHT TO REMAIN			

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#### FIRE SPRINKLER TENANT FINISH

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ADVANTAGE

FIRE PROTECTION SYSTEMS INC.

"We are your Advantage"

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REVIEWING AUTHORITY	LS FIRE DEPT
HEADS THIS SHEET	34
TOTAL HEADS FOR JOB	34
SCALE	1/8" = 1'-0"
DRAWN BY	DANIEL LOGSTON
REVISION DATE	
DATE DRAWN	5-21-2025
CONTRACT NUMBER	J-2472
DRAWING NUMBER	1 OF 1