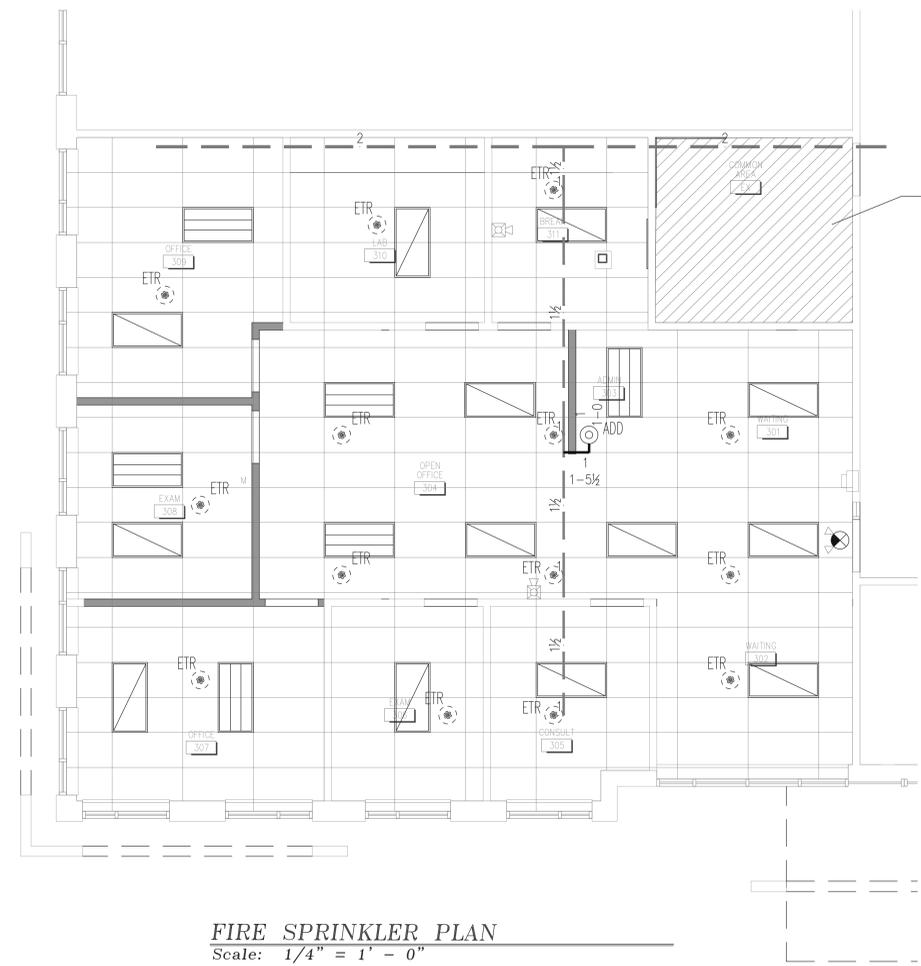




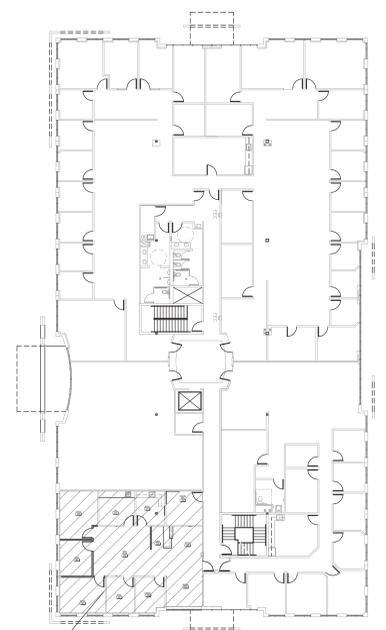
10324 W. 79th Street  
Shawnee, Kansas 66214  
(913) 390-1105 FAX (913) 390-1109



GENERAL  
FIRE SPRINKLER COMPANY, LLC



**FIRE SPRINKLER PLAN**  
Scale: 1/4" = 1' - 0"



**KEY PLAN**  
Scale: N.T.S.



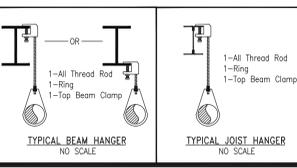
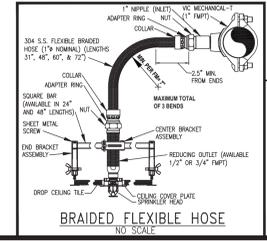
Digitally signed by Michael A. Panethiere  
Date: 2024.01.16 12:27:51 -0600

**GENERAL NOTES:**

- CONSTRUCTION TYPE - TYPE II-B
- OCCUPANCY TYPE - B
- EXISTING CONDITIONS - EXISTING SPRINKLER SYSTEM TO REMAIN.
- SCOPE - MODIFY EXISTING SPRINKLER SYSTEM TO PROPERLY PROTECT NEW REMODELED PORTION OF BUILDING PER NFPA 2018 IBC. SUPPLY NEW SPRINKLER SYSTEM FROM EXISTING OVERHEAD SYSTEM.
- DESIGN - NEW SPRINKLER MODIFICATIONS WILL BE EQUAL OR LESS TO EXISTING SPRINKLER DEMAND, THEREFORE NO NEW HYDRAULICS WILL BE NECESSARY OR PROVIDED. ALL NEW PIPING TO BE SIZED SIMILAR TO EXISTING
- MATERIALS - ALL MATERIAL, PIPES AND HANGERS TO BE IN ACCORDANCE WITH NFPA 13  
ALL PIPE TO BE SCH 10/SCH 40, ALL FITTINGS TO BE DUCTILE IRON SCREWED/ CAST IRON GROOVED  
HANGERS SHALL BE SPACED IN ACCORDANCE WITH NFPA 13
- SPECIAL INSTRUCTIONS - IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE ADEQUATE HEAT (40°F) TO PREVENT SYSTEM FROM FREEZING IN WET PIPE AREA.  
FIRE EXTINGUISHERS AND CABINETS BY OTHERS. ELECTRICAL WIRING BY OTHERS. ALARM CONNECTIONS BY OTHER. ALL CONTROL VALVES TO BE EQUIPPED WITH TAMPER SWITCHES. TAMPER & FLOW SWITCHES TO BE WIRED TO ALARM PANEL PER NFPA 72.

**DESIGN CRITERIA:**  
PER NFPA 13, 2016 EDITION  
LIGHT HAZARD  
0.10 GPM/S.F. FOR 1500 S.F.  
MAXIMUM 225 S.F. SPRINKLER SPACING  
100 GPM HOSE ALLOWANCE

NOMINAL PIPE SIZE (in.)	MAXIMUM DISTANCE BETWEEN HANGERS											
	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"	8"
STEEL PIPE EXCEPT THREADED LIGHTWALL	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHTWALL STEEL PIPE	N/A	12-0	12-0	12-0	12-0	12-0	12-0	N/A	N/A	N/A	N/A	N/A



**REWORK EXISTING SPRINKLER HEADS AND BRANCH LINES TO COMPLY WITH NFPA 13, STATE AND LOCAL REQUIREMENTS**

SYMBOL	DESCRIPTION
○	EXISTING SPRINKLER TO REMAIN
⊙	EXISTING SPRINKLER TO BE RELOCATED/REPLACED
○	EXISTING RISER PIPE TO REMAIN
⊙	FIRE SPRINKLER STANDPIPE
—	POINT OF CONNECTION
—	NEW SPRINKLER LINE
—	EXISTING SPRINKLER LINE
—	HANGER LOCATION
—	PIPE END CAP

Contract No. \_\_\_\_\_  
Drawn By \_\_\_\_\_  
Scale AS NOTED  
Date 01/14/2024  
Approval By City/Owner \_\_\_\_\_

DATE: \_\_\_\_\_

Revisions: \_\_\_\_\_

Job: **GAMEDAY MEN'S HEALTH**  
200 NE MISSOURI ROAD  
LEE'S SUMMIT, MO 64086

Drawing Title: **FIRE SPRINKLER PLAN**

SHEET 1 OF 1