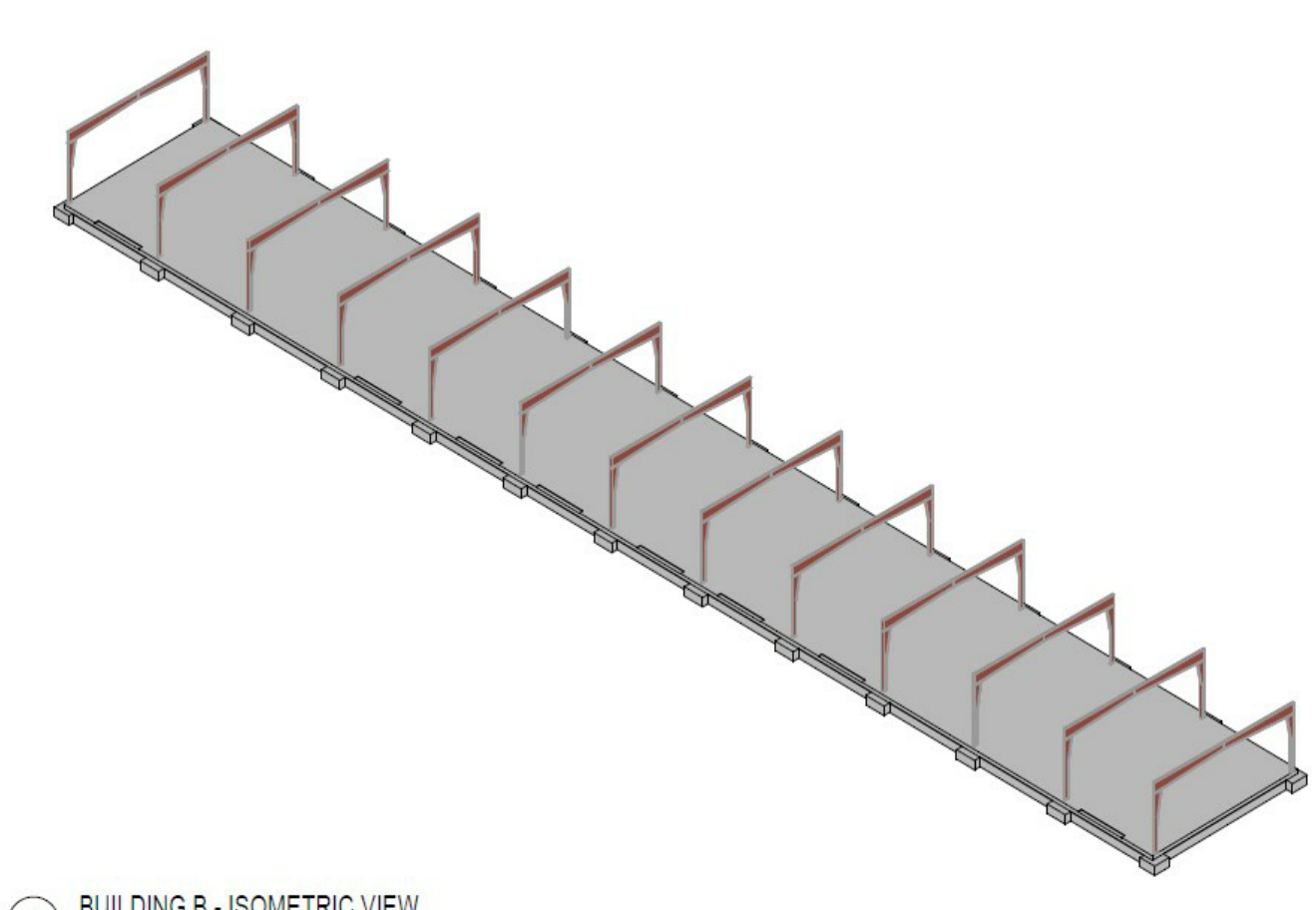
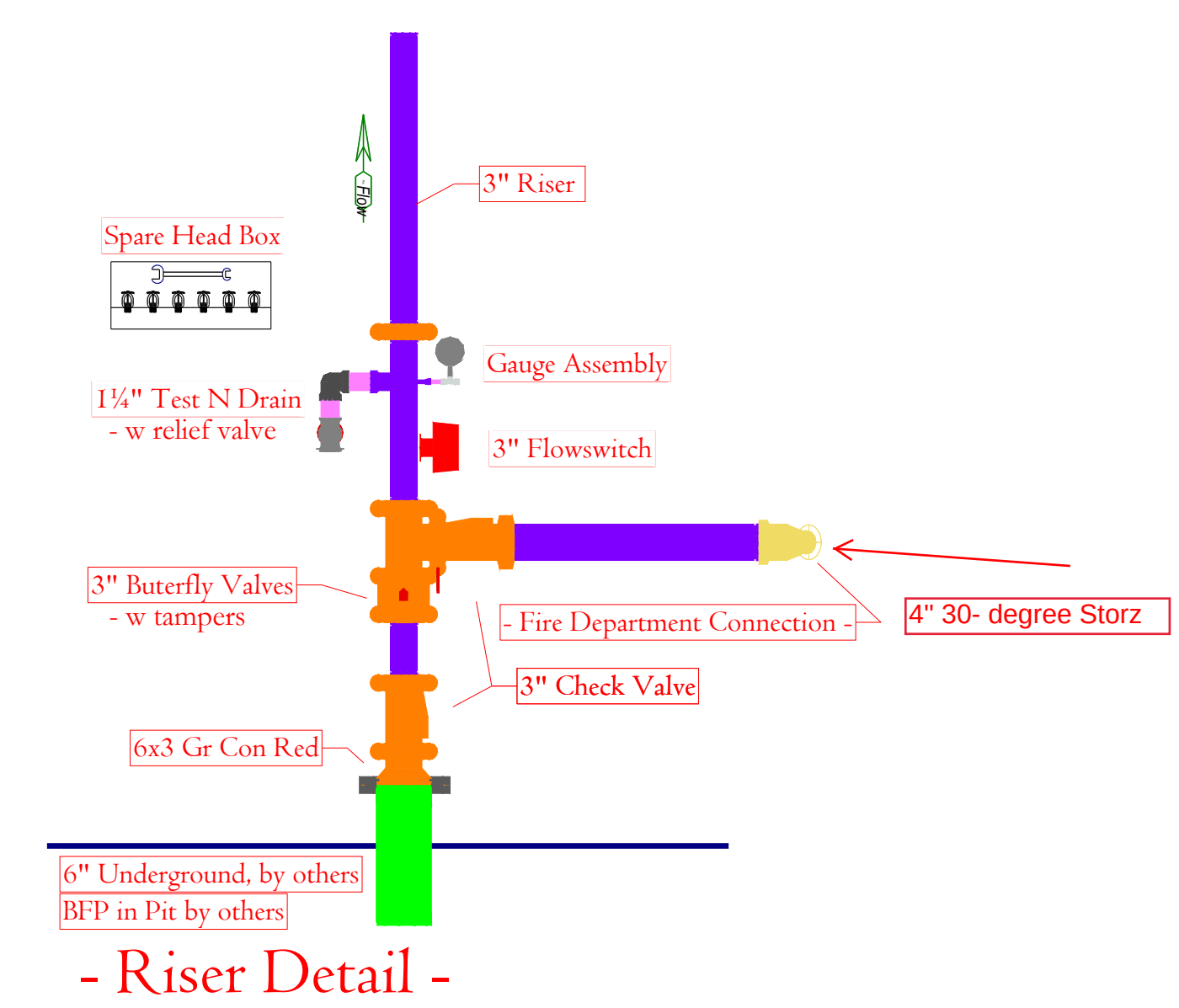
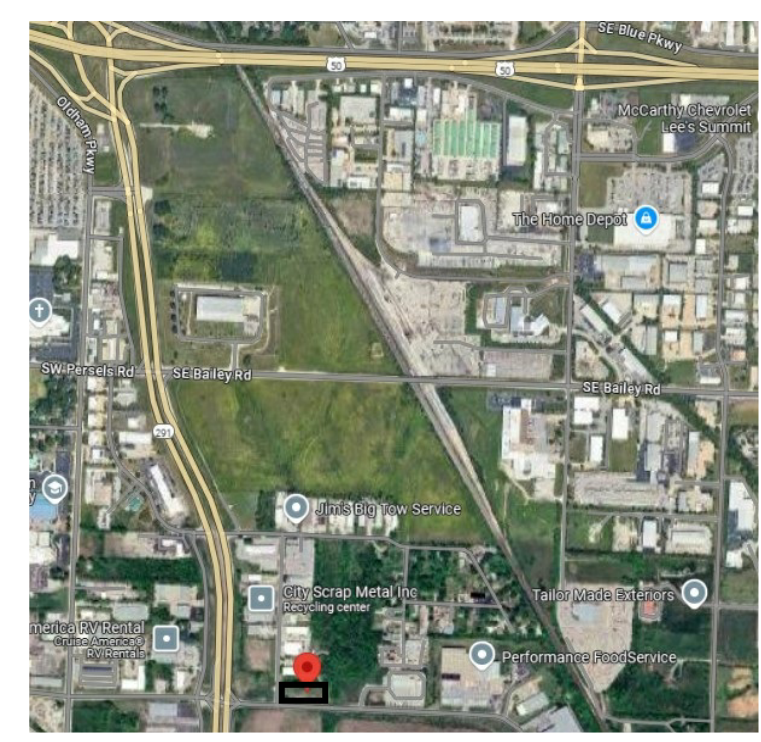


Supply Flow Test Data		Hydraulic Information	
Location	60 SE Thompson Dr	OCCUPANCY CLASSIFICATION	Ordinary Group II
Hydrant Numbers	046-089 FH & 046-084 FH	DENSITY (gpm/ft ²)	0.20 for 1069ft ² (Actual 1173ft ²)
Static Pressure	82.000	TOTAL HOSE STREAMS	250.00
Residual Pressure	40.000	TOTAL HEADS FLOWING	10
Flow	1250.00	K-FACTOR	5.6
		TOTAL WATER REQUIRED	502.37
		TOTAL PRESSURE REQUIRED	66.722
		SAFETY MARGIN (psi)	+7.500 (10.1%)



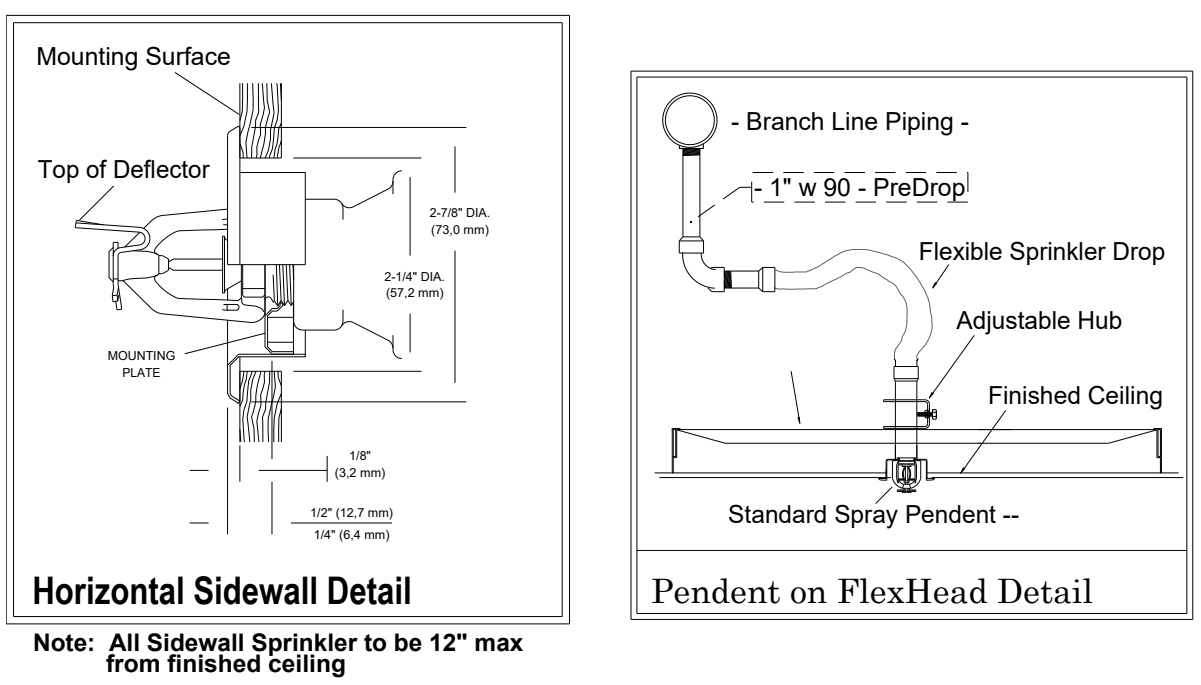
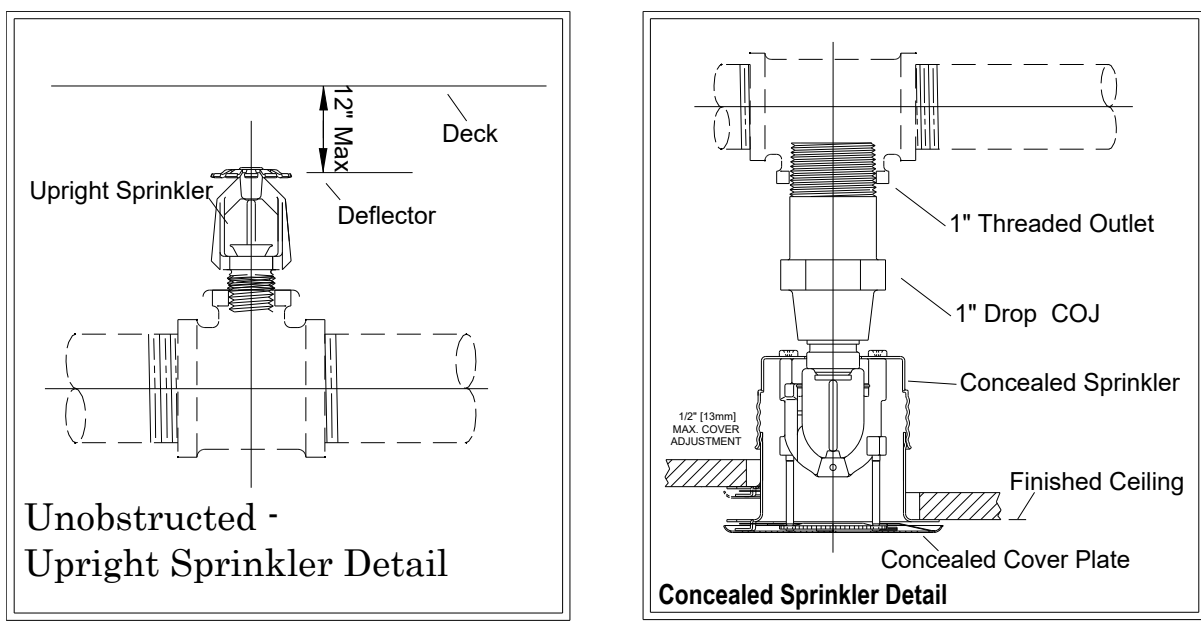
PROJECT LOCATION (NTS):



- Vicinity Map -

Hanger No. 01S Top Beam C-Clamp		Hanger Schedule for Steel Pipe	
		Pipe Size	Max Hanger Spacing
		1"	12'-0"
		1 1/2"	12'-0"
		2"	12'-0"
		2 1/2"	15'-0"
		3"	15'-0"
		4"	15'-0"
		6"	15'-0"
		8"	15'-0"

17S - Hanger - 1/2" DST 10"	18S - Hanger - 1/2" SWD 10"



Sprinkler Legend - 03 Floor										
Symbol	SIN	Model	Qty	-K-	Type	Size	Response	Finish	Temp	Note
	VK4621	QP-SSP	9	5.6	Pendent	1/2"	Quick	Chrome	175°F	Concealed
	VK3001		96	5.6	Upright	1/2"	Quick	Brass	175°F	Viking
	VK305	QR-HSW	8	5.6	Horizontal Sidewall	1/2"	Quick	Brass	175°F	Viking
			Total = 113							

ABBREVIATIONS & SYMBOLS	
ALL - ABOVE FINISHED CEILING	
ALL - ABOVE FINISHED FLOOR	
ALL - ABOVE FINISHED WALL	
ALL - ABOVE FINISHED ROOF	
ALL - ABOVE FINISHED GROUND	
ALL - ABOVE FINISHED EXTERIOR	
ALL - ABOVE FINISHED INTERIOR	
ALL - ABOVE FINISHED ROOF	
ALL - ABOVE FINISHED GROUND	
ALL - ABOVE FINISHED EXTERIOR	
ALL - ABOVE FINISHED INTERIOR	

- ### GENERAL NOTES
- This design is based upon the owner's acceptance of NFPA 13 - 2016 for installation and NFPA 25 for maintenance of this fire protection system.
 - All above ground Threaded piping to be Sch 40 or equal.
 - All above ground Grooved piping to be Sch 10 equal.
 - All sprinkler material to comply w local requirements & applicable NFPA Standards.
 - Continuous central monitoring of sprinkler systems per NFPA 72 to be by others.
 - All electrical wiring to be by others.
 - All underground piping to be by others.
 - All painting of sprinkler pipe to be by others.
 - All painting and/or painting of penetrated drywall & masonry walls to be by others.
 - Building to be provided with adequate heat to prevent piping from freezing.
 - All marking or labeling of sprinkler piping to be by others.

REVIEWING AUTHORITY	
LS Codes	
SCALE	1/8" = 1'-0"
DRAWN BY	JJR
DATE DRAWN	-02-27-2025-
CONTRACT NUMBER	NC-1461
DRAWING NUMBER	FP-1

Fire Protection Plan - Building B -

Submittal -

Lee's Summit Flex Spaces
60 SE Thompson Dr
Lee's Summit, MO 64082

Capitol Construction -

Fire Protection Plan

Alliance Fire Protection

1310 N. 10th Ave
Lee's Summit, MO 64082
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