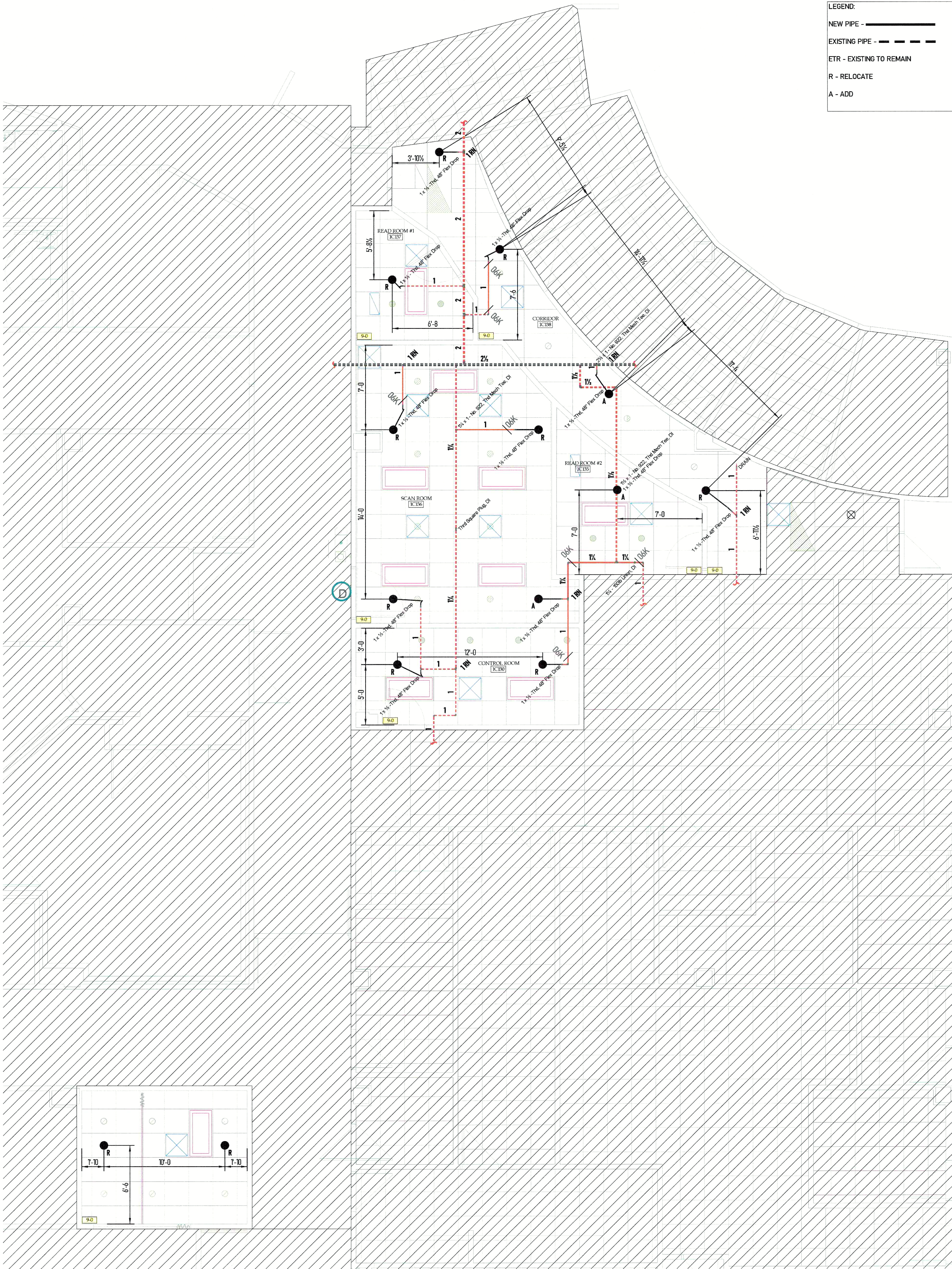


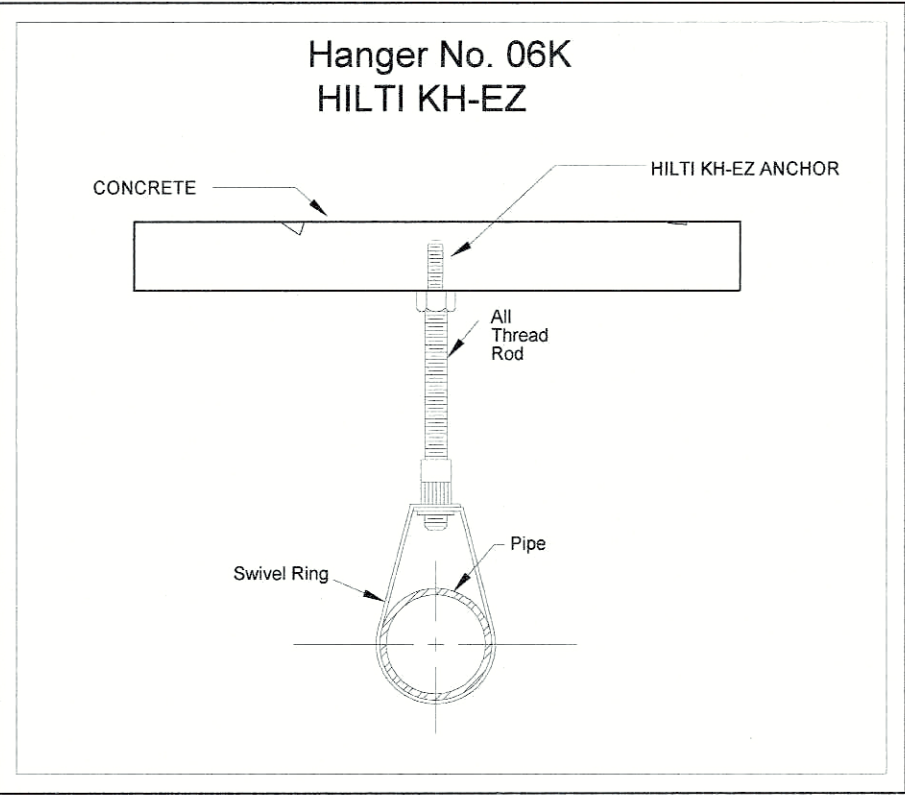


BUILDING CODE ANALYSIS
*BUILDING USE: HOSPITAL
*CONSTRUCTION TYPE: 1A SECTION 602.2
*OCCUPANCY GROUP IS: I-2 SECTION 308.3
*AREA OF RENOVATION - 1360 +/- SF

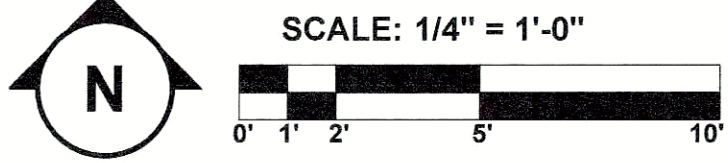
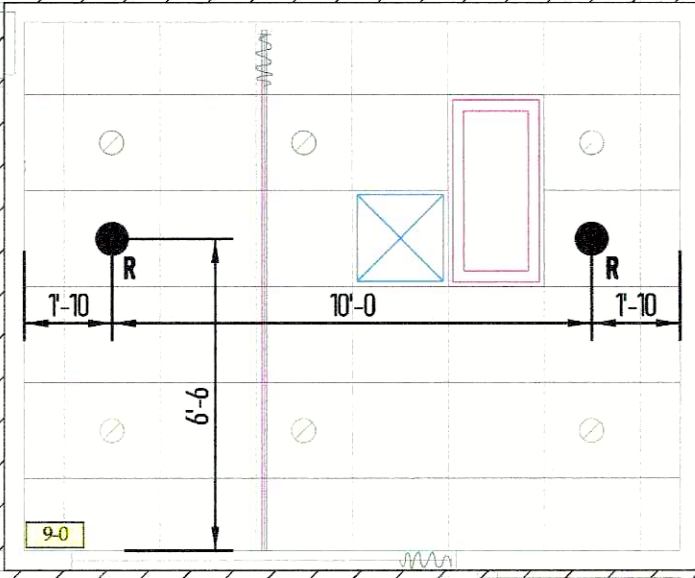
FIRE PROTECTION CODE ANALYSIS
*SYSTEM DESIGN IS BASED ON 2018 IBC, NFPA 13 2016
*ALL SPACES ARE LIGHT HAZARD UNLESS NOTED OTHERWISE ON DRAWINGS

GENERAL NOTE

- *ALL SPRINKLER SYSTEMS SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2016
- *ALL SECTIONS OF TRAPPED PIPING TO HAVE AUXILIARY DRAINS WHERE REQUIRED PER NFPA 13 2016
- *ALL HANGER TO BE INSTALLED PER REQUIREMENTS OF NFPA 13 2016
- *PENETRATIONS THROUGH FIRE RATED WALL SHALL BE FIRE CAULKED AS REQUIRED PER CONTRACT
- *THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE HEAT TO PREVENT WATER FILLED PIPE FROM FREEZING
- *AMERICAN FIRE SPRINKLER CORP. IS NOT CONTRACTED TO PROVIDE THE ALARM WIRING TO THE CENTRAL STATION ALARM SYSTEM
- *THREADED PIPING 1" - 2" SHALL BE SCH 40 BLACK STEEL WITH DUCTILE THREADED FITTINGS
- *GROOVED PIPING 1" - 2" SHALL BE SCH 40 BLACK STEEL WITH VICTAULIC GROOVED FITTINGS
- *GROOVED PIPING 2 1/2" - 8" SHALL BE SCH 10 BLACK STEEL WITH VICTAULIC GROOVED FITTINGS
- *SYSTEM PIPE SHALL BE SIZED PER EXISTING SYSTEM / NEW CALCULATIONS ARE NOT REQUIRED

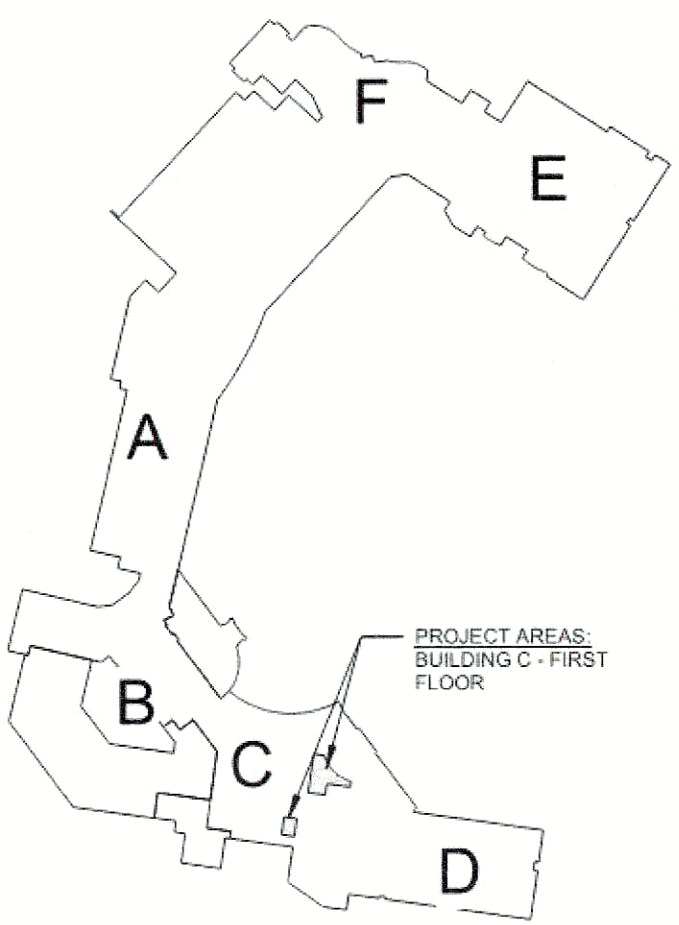


MAXIMUM DISTANCE BETWEEN HANGERS										
NOMINAL PIPE SIZE (IN)	3/4"	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"
STEEL PIPE EXCEPT THREADED LIGHTWALL	N/A	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"

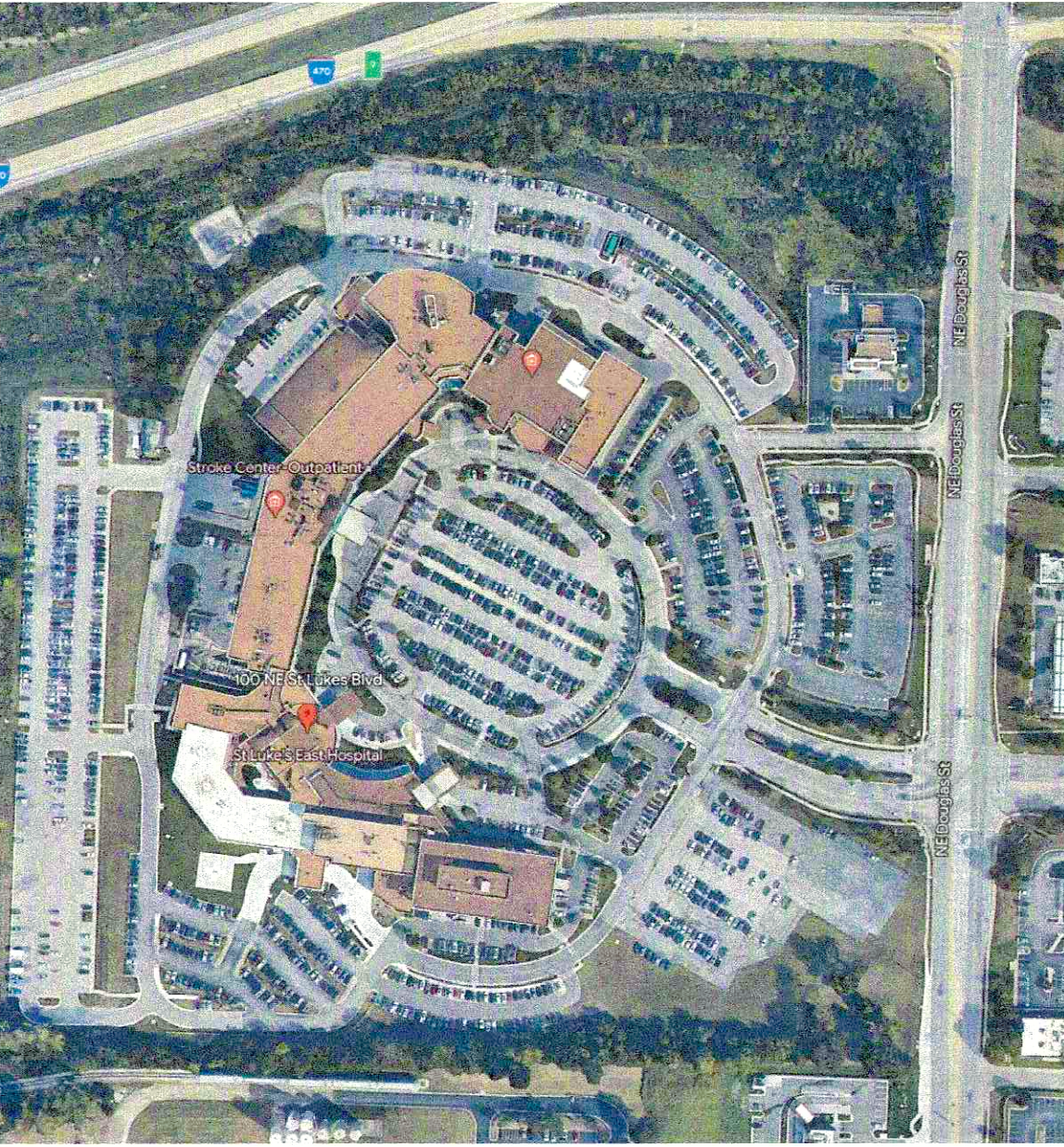


Sprinkler Legend											
Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temperature	Note
●	Viking	VK4621	MIRAGE	14	5.6	Pendent	1/2"	Quick	Brass	200 °F	WHITE CONCEALER PENDENT
⊗	Viking	VK4621	MIRAGE	1	5.6	Pendent	1/2"	Quick	Brass	200 °F	ETR
				Total = 15							

KEY PLAN



SITE PLAN



DATE:

REVISIONS:

Symbol

Description

Hydraulic Reference Points

Elev. Below Top of Steel

Elev. Above Finished Floor

Elev. Above Ceiling

Ceiling Height

Denotes Hanger Location

Rise up or down

FLEXIBLE COUPLING

HAZARD CLASSIFICATION

SAINT LUKE'S EAST HOSPITAL

100 NE SAINT LUKE'S BLVD.
LEE'S SUMMIT, MO 64086

PE STAMP:

Professional Engineer Seal for Corey Scott, State of Missouri, No. 17272, dated 7/27/23.

50th Anniversary Seal (1968-2018)

AMERICAN FIRE SPRINKLER

OFFICE: 675 N. WYOMING AVE., MISSOURI, MO 64108
MAIL: 1701 S. 300th AVE., MISSOURI, MO 64086
FIRE PROTECTION SYSTEMS - CONSULTANTS - DESIGN
FABRICATION - SALES - SERVICE

PAY ITEM: SPR

REVIEWING AUTHORITY:

OWNER / CITY: LEE'S SUMMIT.

ALL HEADS THIS SHEET: 15

TOTAL HEADS THIS JOB: 14

DRAWN BY: COREY SCOTT

DATE: 7-27-23

REVISION DATE

SCALE: AS SHOWN

CONTRACT # SK1046

DWG #:

FP01

1 OF 1

SLE NUCLEAR MEDICINE / SPECT CT