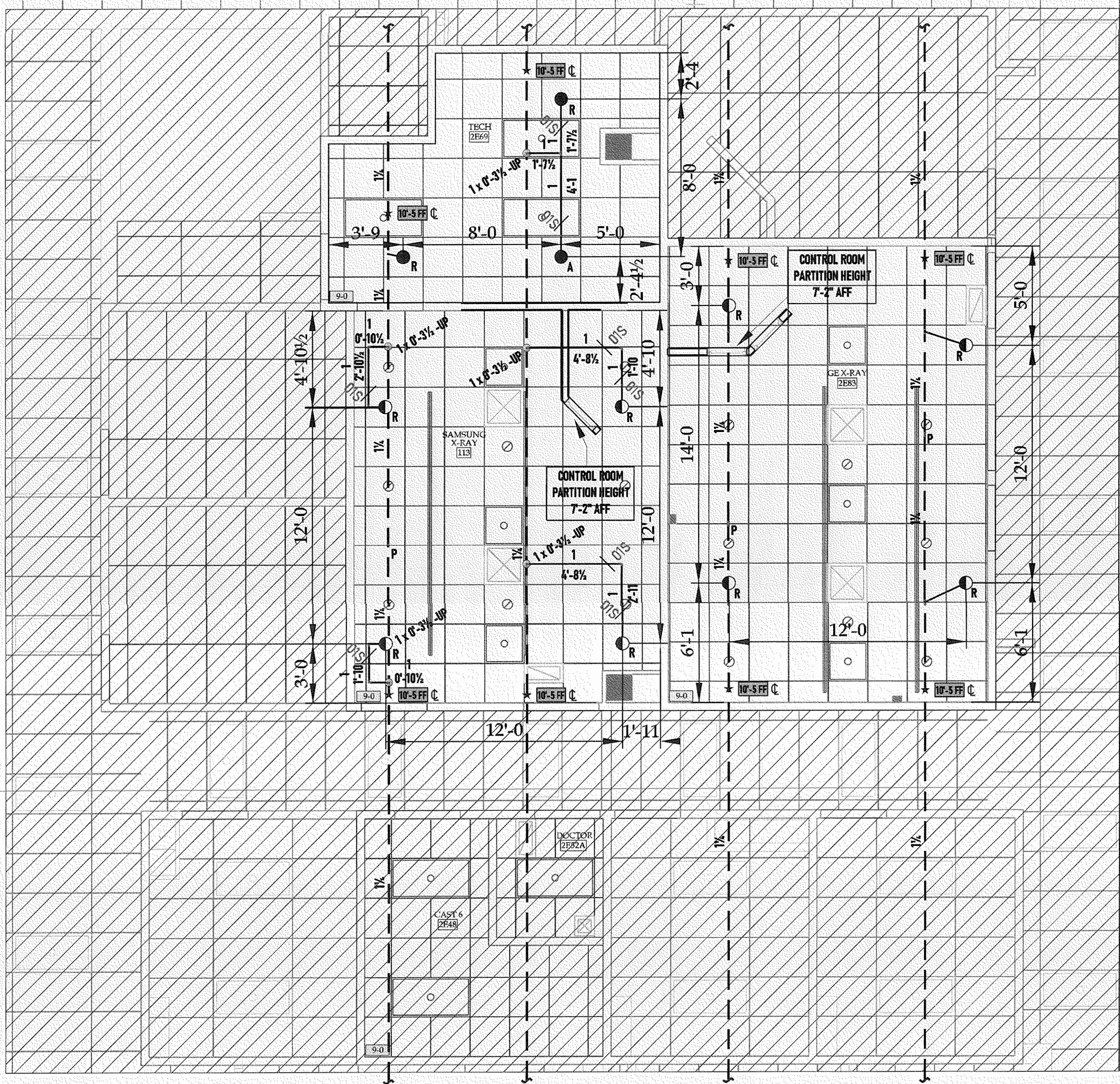


SECOND FLOOR PHASE I & II X-RAY ROOMS

Sprinkler Legend										
Symbol	Quantity	Manufacturer	SIN	Model	K-Factor	Type	Size	Response	Finish	Note
	8	Viking	VK462	MIRAGE	5.6	Pendent	1/2	Quick	White	WHT. CON-PEN CLEAN ROOM
	3	Viking	VK3021	XT1	5.6	Pendent	1/2	Quick	Chrome	CHROME SEMI-RECESSED
	Total = 11									

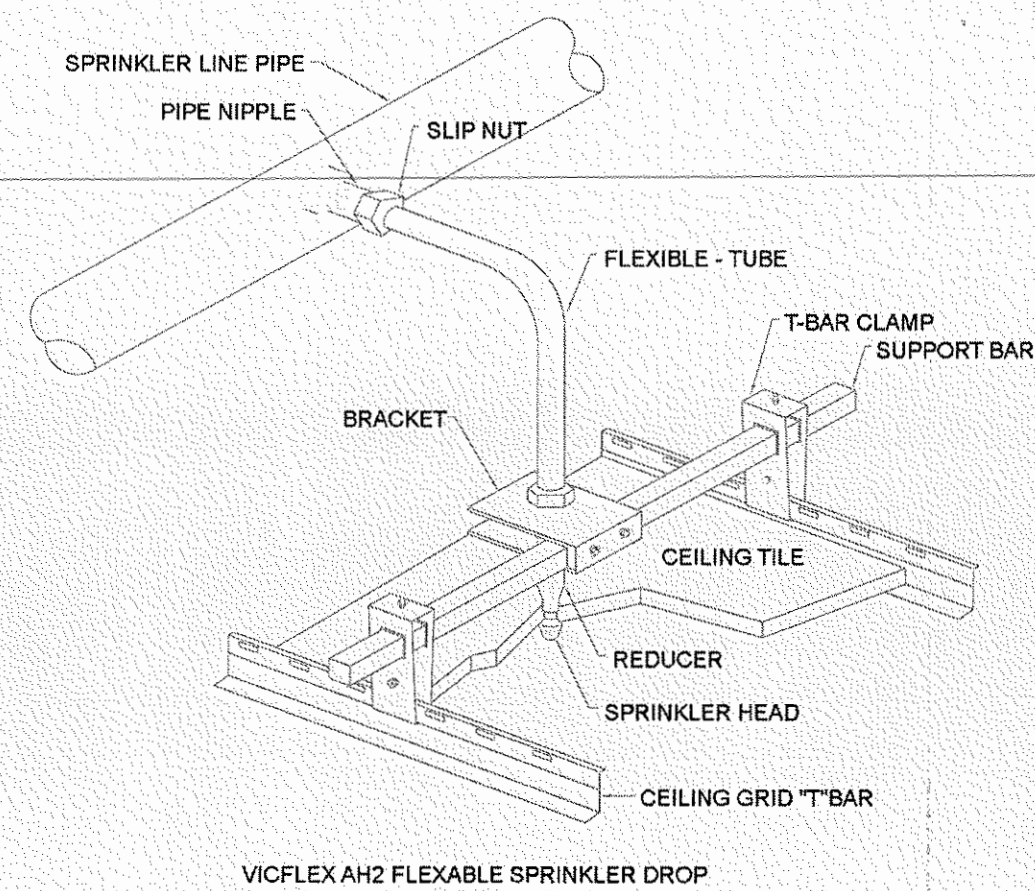
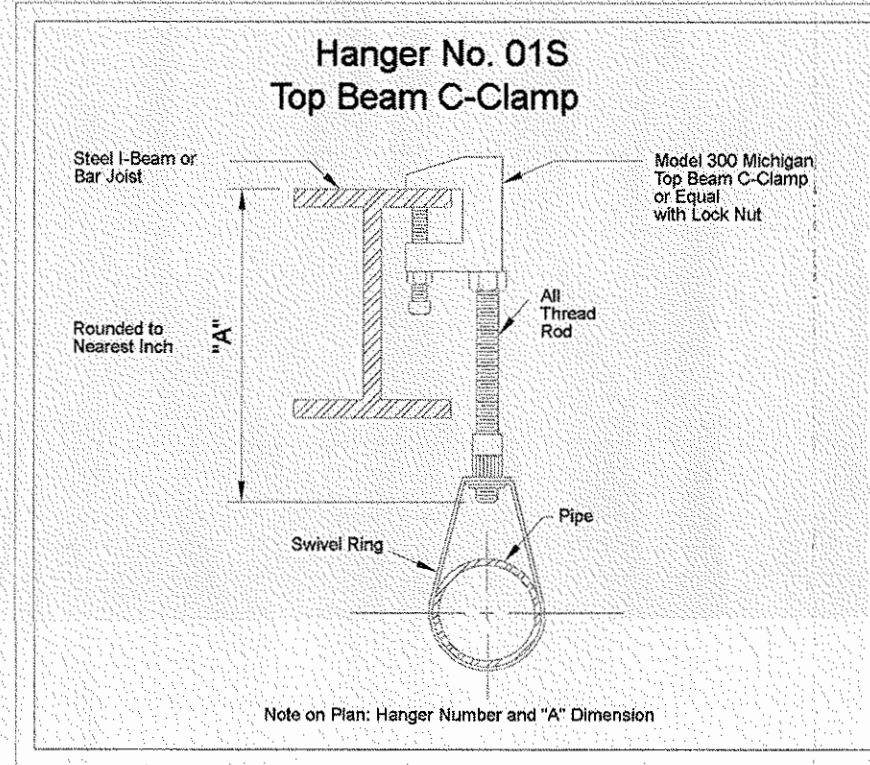
GENERAL NOTE

- *ALL SPRINKLER SYSTEMS SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2012
- *ALL SECTIONS OF TRAPPED PIPING TO HAVE AUXILIARY DRAINS WHERE REQUIRED PER NFPA 13 2012
- *ALL HANGER TO BE INSTALLED PER REQUIREMENTS OF NFPA 13 2012
- *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

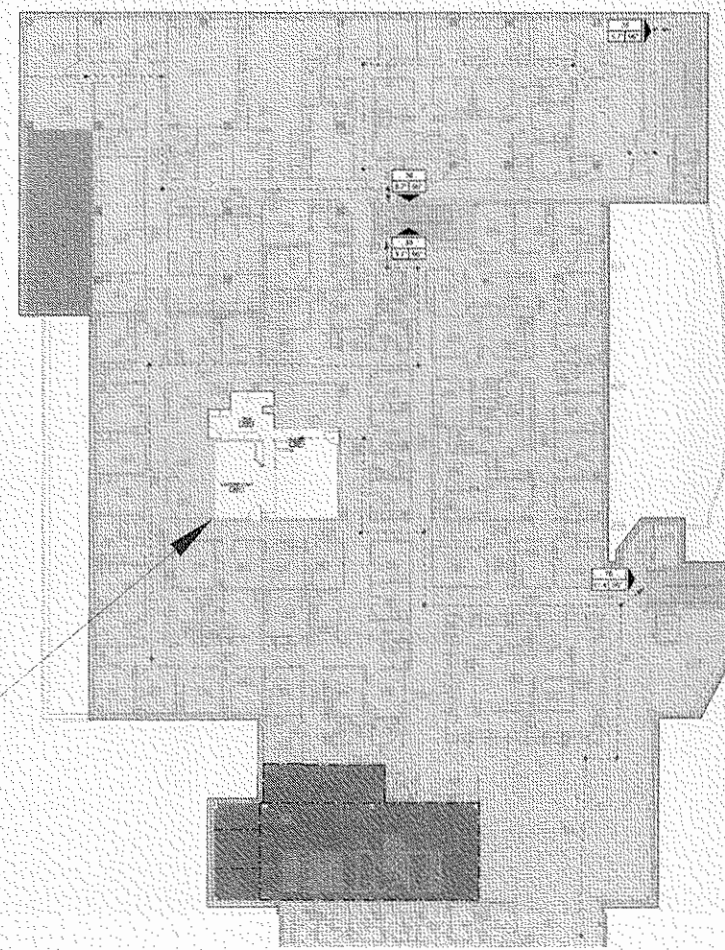
BUILDING CODE ANALYSIS

- *BUILDING USE: HOSPITAL
- *CONSTRUCTION TYPE: TYPE 1-A SECTION 602.2
- *OCCUPANCY GROUP /S: B - BUSINESS - PROFESSIONAL SERVICES - SECTION 304
- *TOTAL RENOVATION AREA: 755+/- SF
- FIRE PROTECTION CODE ANALYSIS**
- *SYSTEM DESIGN IS BASED ON 2018 IBC, NFPA 13 2012
- *ALL SPACES ARE LIGHT HAZARD UNLESS NOTED OTHERWISE ON DRAWINGS
- *LIGHT HAZARD: 0.10 GPM/SF OVER 1500 SQ. FT. + 100 GPM HOSE ALLOWANCE
- *ORDINARY HAZARD GROUP 1: 0.15 GPM/SF OVER 1500 SQ. FT. + 250 GPM HOSE ALLOWANCE
- *ORDINARY HAZARD GROUP 2: 0.20 GPM/SF OVER 1500 SQ. FT. + 250 GPM HOSE ALLOWANCE
- *DESIGN AREAS UTILIZE QUICK RESPONSE SPRINKLER AREA REDUCTION IN ACCORDANCE WITH NFPA 13 2012

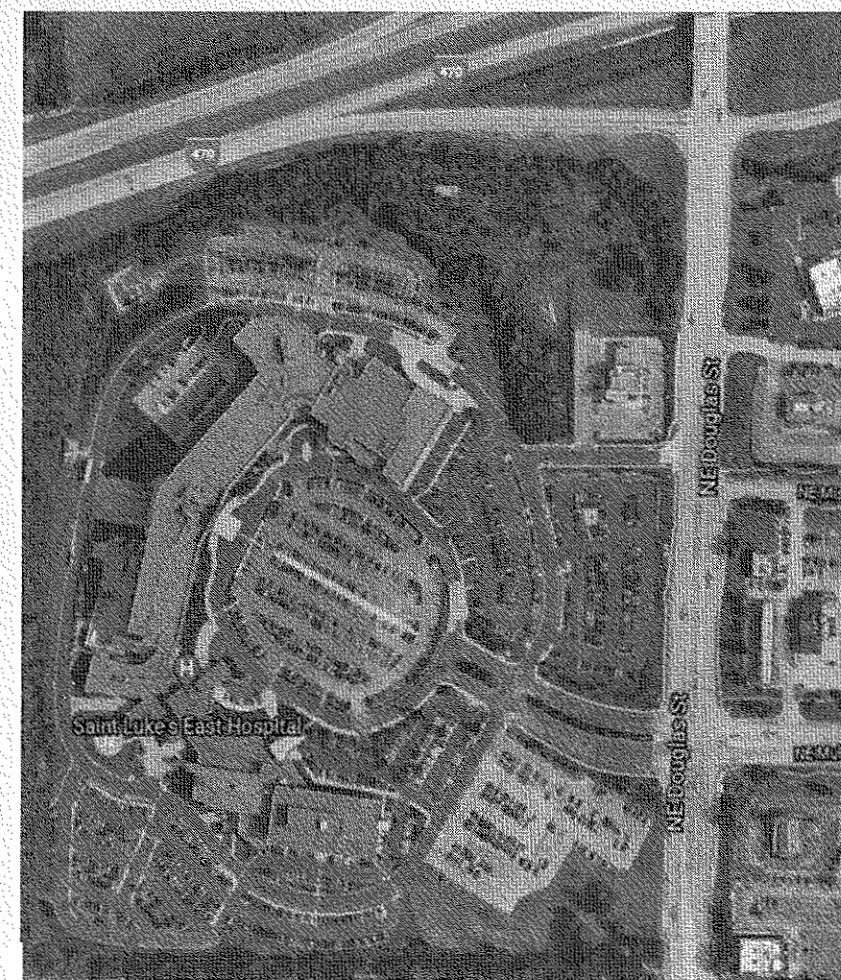
LEGEND:	
ADD - A	
RELOCATE - R	
PLUG - P	
NEW PIPE -	
EXISTING PIPE -	
NOT IN CONTRACT -	



MAXIMUM DISTANCE BETWEEN HANGERS											
NOMINAL PIPE SIZE (IN)	3/4"	1"	1 1/4"	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"	15'-0"



KEY PLAN



SITE PLAN

DATE:

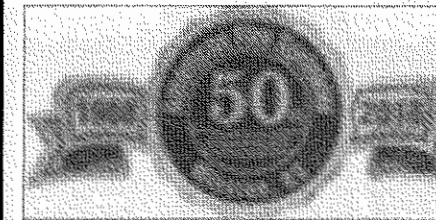
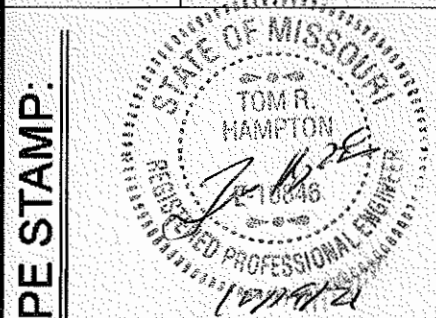
REVISIONS:

Symbol	Description
	Hydraulic Reference Points
	Elev. Below Top of Steel
	Elev. Above Finished Floor
	Elev. of Top of Steel
	Ceiling Height
	Rise up or down
	Denoted Hanger Location
	FLEXIBLE COLORING
	HAZARD CLASSIFICATION

ROCKHILL ORTHOPEDIC
X-RAY RENOVATION

120 SAINT LUKE'S BLVD. STE 200
LEE'S SUMMIT, MO 64086

PE STAMP:



PAY ITEM: SPR
REVIEWING AUTHORITY:
OWNER / LESS'S SUMMIT, MO
ALL HEADS THIS SHEET: 11
TOTAL HEADS THIS JOB: 11
DRAWN BY: COREY SCOTT
DATE: 10-19-21
REVISION DATE
SCALE: AS SHOWN
CONTRACT # SK0850
DWG #:

FP01

SHEET: 1 OF 1

LEVEL 2 - PHASE I & II - FIRE PROTECTION