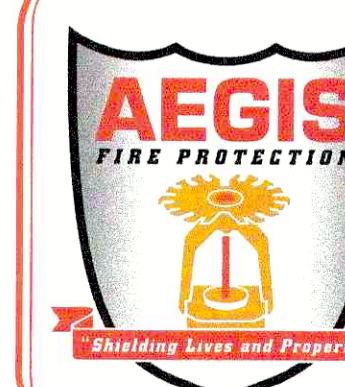




BLUE SKY FERTILITY
INTERIOR RENOVATION
455 NW MURRY ROAD
LEE SUMMIT, MD 64081

Aegis Fire Protection, LLC
Corporate: 11936 W. 119th St. #262 Overland Park, KS 66213
Phone: 913-825-0343 Fax: 913-322-4475



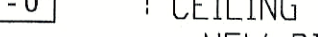
JOB NO.16734

JOB NAME:
BLUE SKY FERTILITY
INTERIOR RENOVATION
455 NW MURRAY ROAD
LEE SUMMIT, MO 64081

SYSTEM TYPE:	WE
TOTAL NEW HEADS:	30
AHJ:	CITY & OWN
SCALE:	1/8" = 1'-0"
DESIGNED BY:	M.
CHECKED BY:	[
DATE:	5/25/22
SHEET NO.	

SHEET NO. 1 OF

CL=X'-XX' : PIPE CENTERLINE TO BELOW DECKING
EL=X'-XX' : PIPE ELEV. ABOVE FINISH FLOOR


 : CEILING HEIGHT
 : NEW PIPING
 : EXISTING OUTLET
 : EXISTING PIPING

R= RELOCATE EXISTING SPRINKLER TO NEW LOCATION
 N= ADD NEW SPRINKLER HEAD TO NEW LOCATION
 E= EXISTING SPRINKLER TO REMAIN NO WORK
 P= PLUG OUTLET

1. ALL MATERIALS USED AND ALL WORK PERFORMED ARE TO BE IN ACCORDANCE WITH NFPA 15-2016, IBC & IFC 2018.
2. ALL GROOVED STEEL PIPING IS EXISTING, SCH.10 GROOVED PIPE WITH GROOVED FITTINGS. TO REMAIN (NO WORK)
3. ALL THREADED PIPING SHALL BE SCH 40 BLK. WITH DUCTILE IRON THREADED FITTINGS.
4. SYSTEM TO BE MONITORED BY REMOTE STATION TO BE BY OTHERS INCLUDING ALL TAMPER & FLOW SWITCHES. AND IS EXISTING TO REMAIN. (NO WORK)
5. OWNER TO PROVIDE ADEQUATE HEAT THROUGHOUT ALL AREAS WITH WET SYSTEM TO PREVENT FREEZING.

BUILDING CONSTRUCTION: TYPE VB
UNOBSTRUCTED NONCOMBUSTIBLE
OCCUPANCY GROUP : B & S

TOTAL AREA 5,218 SF
RELOCATE & ADD NEW SPRINKLERS AS SHOWN. ALL OTHER
CONDITIONS TO REMAIN AS IS MAINS, BRANCH LINES,
RISER, FDC, ETC.

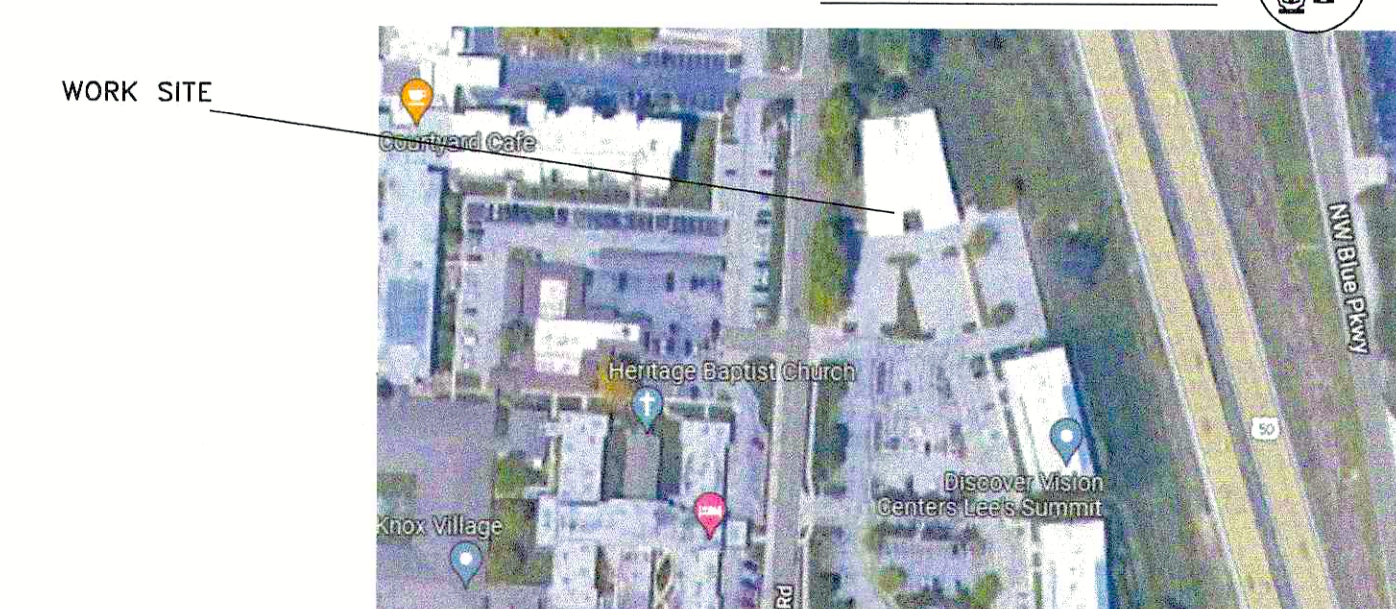
EXISTING SPRINKLER SYSTEM.
ALL PIPE TYPE AND SIZES TO MATCH EXISTING.
ALL SPRINKLERS TO BE ONE TO ONE IN THE SAME FIRE ZONE/AREA
MODIFICATIONS WILL NOT HAVE A NEGATIVE EFFECT
ON THE SYSTEM REMOTE AREA AND NO ADDITIONAL HYDRAULIC CALCULATIONS ARE REQUIRED.
NO ADDITIONAL CALCULATIONS WERE PERFORMED.
EXISTING LIGHT HAZARD MAX SPACING 225 SQ FT
EXISTING ORDINARY HAZARD MAX SPACING 130 SQ FT

21 VK302 MICROFAST QUICK RESPONSE CHROME PENDENT
NEW 5.6K, 155° WITH 2PC CHROME ESCUTCHEON

7 VK300 MICROFAST QUICK RESPONSE BRASS UPRIGHT 5.6K, 200°
NEW

2 VK462 MICROFAST QUICK RESPONSE CONCEALED PENDENT
5.6K, 200° WITH 165° WHITE COVER PLATE

EXISTING TO REMAIN NO WORK



MAIN SIZE:3"
BRANCH LINE SIZE:1-1/4"
PIPE EL 12'-2"
TOP OF JOIST 14'-1"
BOT OF JOIST 13'-4"

INTERIOR RENOVATION FIRE PROTECTION PIPING PLAN