

**FIRE ALARM GENERAL NOTES**

- GENERAL:
- THE CONTRACTOR SHALL CAREFULLY REVIEW ALL APPLICABLE DESIGN CRITERIA, THESE DRAWINGS, AND THE PROJECT SPECIFICATIONS FOR IMPORTANT QUALIFICATION, DEFINITION, SUBMITTAL, PRODUCT, INSTALLATION, AND TESTING REQUIREMENTS.
  - ALL SUBMITTALS, INSTALLATION, AND TESTING SHALL BE COMPLETED IN A NEAT, WORKMAN-LIKE MANNER.
  - PRODUCT, DESIGN, INSTALLATION, AND TESTING ALTERNATE APPROACHES AND/OR SUBSTITUTIONS WILL BE CONSIDERED BY THE ENGINEER IF THE CONTRACTOR PROVIDES WRITTEN, WELL-DOCUMENTED, ENGINEERING-BASED SUBSTANTIATION FOR PROPOSED ALTERNATIVE.
  - BEFORE WORK BEGINS, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE AVAILABLE CAPACITY OF THE EXISTING FIRE ALARM PANEL. IF AVAILABLE CAPACITY IS NOT ADEQUATE FOR THE EXPECTED NEW NOTIFICATION APPLIANCES AND INITIATING DEVICES THE CONTRACTOR SHALL ALERT THE COR FOR FURTHER DIRECTION.

- APPLICABLE CODES AND STANDARDS:
- VA FIRE PROTECTION DESIGN MANUAL EIGHTH EDITION - JUNE 2021
  - NFPA 70 NATIONAL ELECTRIC CODE (2020)
  - NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (2022)
  - NFPA 101 (2021)
  - INTERNATIONAL BUILDING CODE (2021)

- AUDIBILITY DESIGN:
- BECAUSE OF UNPREDICTABLE BACKGROUND NOISES AND PROJECT CONDITIONS, THE AUDIBILITY DESIGN GOALS SHALL BE CONFIRMED BY MEASUREMENT WITH CALIBRATED TEST EQUIPMENT. IF RESULTS INDICATE THAT ADDITIONAL NOTIFICATION APPLIANCES ARE REQUIRED, THE CONTRACTOR SHALL ADD THEM AT NO ADDITIONAL COST.
  - SPEAKERS MAY BE FIELD-LOCATED WITHIN 6 FT OF THE LOCATION INDICATED ON THE APPROVED DESIGN WITHOUT CONSULTING THE ENGINEER.
  - DENTAL TREATMENT ROOMS WILL BE DESIGNED AROUND PRIVATE MODE NOTIFICATION IN ACCORDANCE WITH NFPA 72. PRIVATE-MODE SIGNALING WILL BE PROVIDED TO NURSE STATIONS TO ENSURE EMERGENCY ACTION IS CONDUCTED IN THE EVENT OF A FIRE ALARM.

- VISUAL NOTIFICATION DESIGN:
- CLEAR STROBES SHALL BE PROVIDED WHERE INDICATED ON THE APPROVED DESIGN.
  - STROBES MAY BE FIELD-LOCATED WITHIN 3 FT OF THE LOCATION INDICATED ON THE APPROVED DESIGN WITHOUT CONSULTING THE ENGINEER. CONSULT WITH ENGINEER PRIOR TO RELOCATING STROBES MORE THAN 3 FT.

- INITIATING DEVICES:
- INITIATING DEVICES MAY BE FIELD-LOCATED WITHIN 3 FT OF THE LOCATION INDICATED ON THE APPROVED DESIGN WITHOUT CONSULTING THE ENGINEER. CONSULT WITH ENGINEER PRIOR TO RELOCATING INITIATING DEVICES MORE THAN 3 FT.

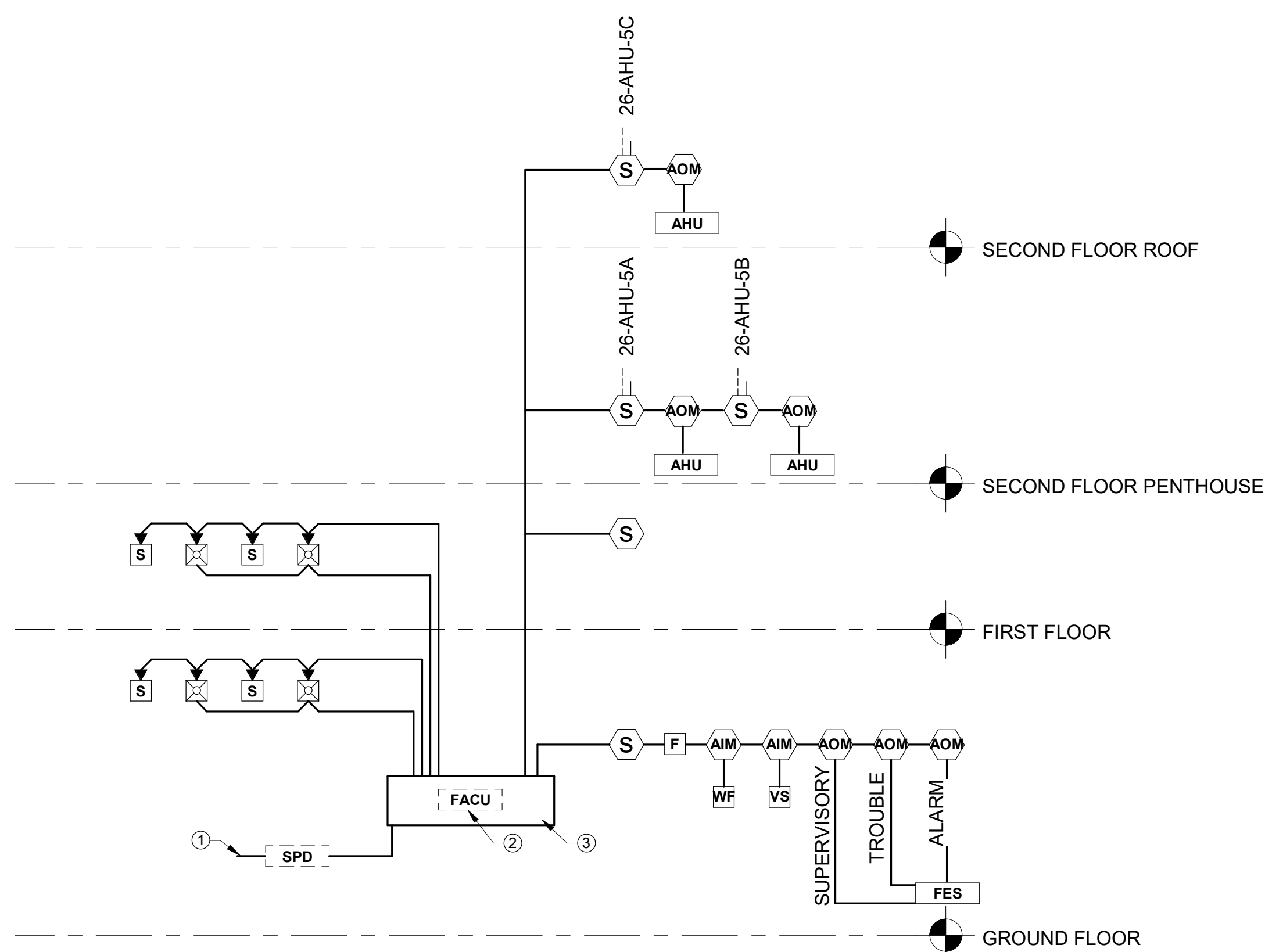
- CIRCUITS AND CONDUIT:
- ALL CIRCUITS SHALL BE PROVIDED IN CONDUIT IN ACCORDANCE WITH NFPA 70 AND THE CONDUIT LISTING.
  - NEW SIGNALING LINE CIRCUITS AND NOTIFICATION APPLIANCE CIRCUITS SHALL BE ARRANGED SO THAT A SINGLE FAULT DOES NOT CAUSE THE LOSS OF ADDRESSABLE DEVICES ON MORE THAN ONE SMOKE COMPARTMENT.
  - WIRING SHALL BE INSTALLED IN METAL RACEWAY. PER VA DESIGN MANUAL THIS IN COMBINATION WITH BUILDINGS PROTECTED THROUGHOUT BY SPRINKLERS SHALL BE CONSIDERED TO MEET THE REQUIREMENTS FOR PATHWAY SURVIVABILITY LEVEL 2 IN ACCORDANCE WITH NFPA 72 AND VA AUTHORITY HAVING JURISDICTION.
  - SPEAKERS AND STROBES SHALL BE ARRANGED TO OPERATE ON SEPARATE CIRCUITS.

- INSTALLATION:
- ALL EQUIPMENT SHALL BE INSTALLED TIGHT TO THE BUILDING STRUCTURE AND SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO THE BUILDING STRUCTURE UNLESS NOTED OTHERWISE.
  - THE CONTRACTOR SHALL NOT APPRECIABLY DEVIATE FROM THE APPROVED DESIGN WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.

- TESTING:
- UNLESS SPECIFICALLY NOTED OTHERWISE, THE CONTRACTOR SHALL PERFORM ALL ACCEPTANCE TESTING IN ACCORDANCE WITH THE APPLICABLE DESIGN CRITERIA AND THE EQUIPMENT MANUFACTURER'S INSTRUCTIONS.
  - UNLESS SPECIFICALLY NOTED OTHERWISE, THE CONTRACTOR SHALL PERFORM TESTING AND PROVIDE DOCUMENTATION PRIOR TO REQUESTING ENGINEER'S PRESENCE TO WITNESS TESTING.

**FIRE ALARM LEGEND**

	FIRE ALARM CONTROL UNIT
	SURGE PROTECTIVE DEVICE
	AIR HANDLING UNIT CONTROLLER
	KITCHEN HOOD SYSTEM
	FIRE ALARM PULL STATION
	ADDRESSABLE INPUT MODULE
	ADDRESSABLE OUTPUT MODULE
	WATERFLOW SWITCH
	VALVE SUPERVISORY SWITCH
	SPEAKER
	SPEAKER STROBE
	STROBE - WALL MOUNT
	STROBE - CEILING MOUNT
	SMOKE DETECTOR - SPOT TYPE
	SMOKE DETECTOR - DUCT TYPE
SYMBOL MODIFIERS	
C	CEILING MOUNTED
ncd	CANDELA RATING
nW	WATT TAP
WP	WEATHER PROOF



**NOTES:**

- TO DEDICATED 120VAC BRANCH CIRCUIT
- EXISTING FIRE ALARM CONTROL PANEL. THE AVAILABLE CAPACITY IS ASSUMED TO BE ADEQUATE FOR THE PROPOSED NEW WORK. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL AVAILABLE CAPACITY.
- THIS RISER DIAGRAM IS INTENDED ONLY TO CAPTURE THE SYSTEM DESIGN INTENT, PANEL CONNECTIONS, AND GENERAL CIRCUIT ROUTING REQUIREMENTS. EXACT QUANTITIES AND TYPES OF DEVICES NECESSARY TO ACCOMPLISH THE DESIGN GOALS ARE NOT INDICATED. THE INTENT OF THIS RISER DIAGRAM IS TO INDICATE THE GENERAL SYSTEM CONFIGURATION AFTER SUCCESSFUL COMPLETION OF THE PROJECT.

**2 FIRE ALARM RISER DIAGRAM**  
NOT TO SCALE

SYSTEM INPUTS		SYSTEM OUTPUTS											
ALARM CONDITIONS		FACU ANNUNCIATION						NOTIFICATION			AUXILIARY FUNCTIONS		
		A	B	C	D	E	F	H	I	K	L		
1	MANUAL ALARM PULL STATION	X	X					X	X	X	1		
2	SMOKE DETECTOR - SPOT TYPE	X	X					X	X	X	2		
4	WATERFLOW/PRESSURE SWITCH	X	X					X	X	X	4		
SUPERVISORY CONDITIONS													
5	CONTROL VALVE SUPERVISORY SWITCH			X	X		X			X	5		
6	SMOKE DETECTOR - DUCT TYPE	X								X	6		
7	KITCHEN HOOD SUPPRESSION SYSTEM COMMON SUPERVISORY			X	X		X			X	7		
TROUBLE CONDITIONS													
8	AC POWER FAILURE					X	X	X			X	8	
9	LOW BATTERY					X	X	X			X	9	
10	OPEN CIRCUIT					X	X	X			X	10	
11	GROUND FAULT					X	X	X			X	11	
12	NOTIFICATION APPLIANCE CIRCUIT SHORT					X	X	X			X	12	
13	REMOTE POWER SUPPLY COMMON TROUBLE					X	X	X			X	13	
14	ANY OTHER SYSTEM TROUBLE					X	X	X			X	14	

**1 FACU INPUT/OUTPUT MATRIX**  
NOT TO SCALE

X PERFORM OPERATION/REPORT DEVICE STATUS

NOTE: THIS MATRIX PERTAINS TO SCOPE OF WORK AREA. ALL EXISTING PROGRAMMING FOR BUILDING NOT TO BE MODIFIED UNLESS REQUIRED BY SOW FOR THIS PROJECT.

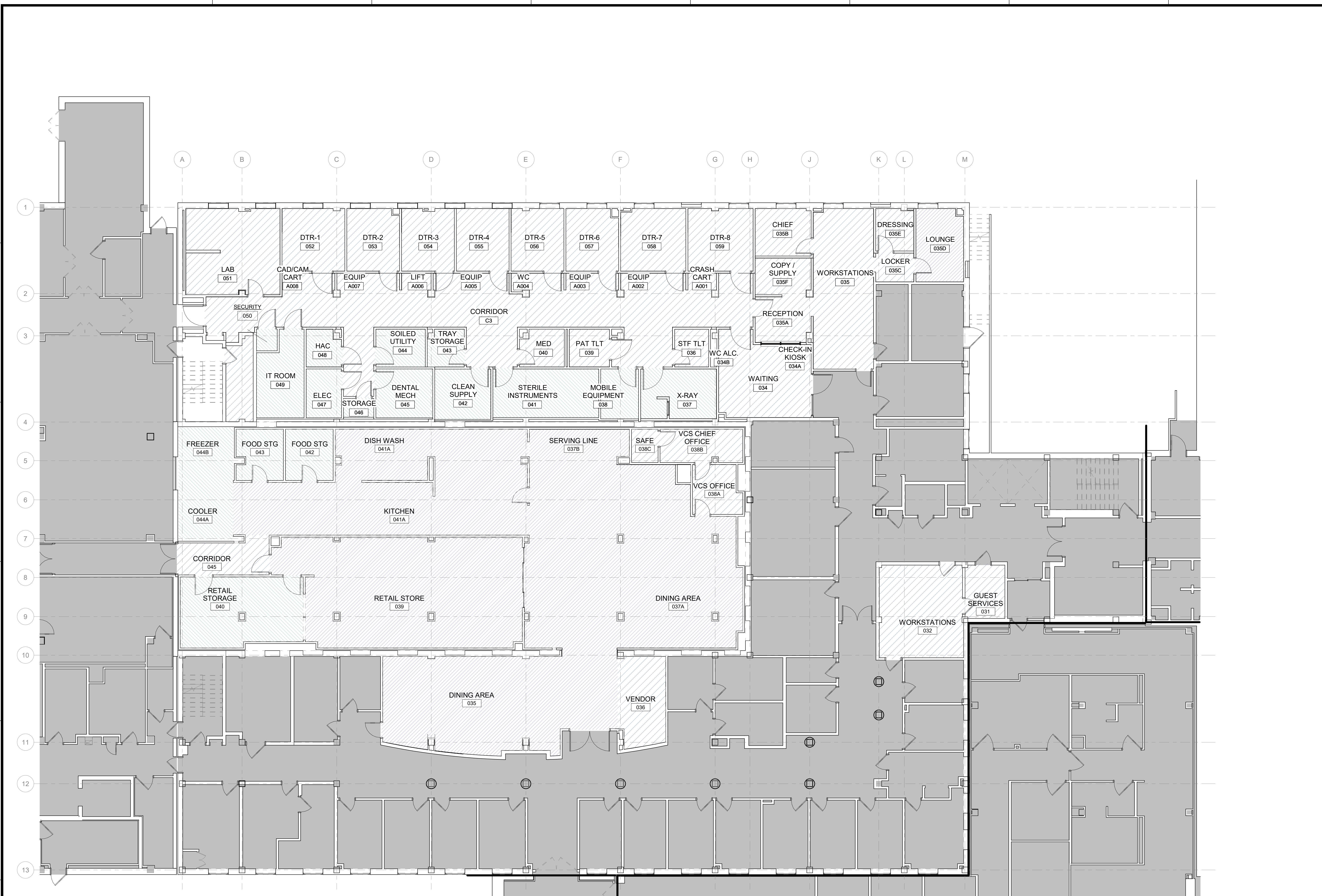
**FULLY SPRINKLERED  
100% BID SET**

NO.	REVISION DESCRIPTION	DATE	<b>CONSULTANTS:</b> STRUCTURAL / CIVIL ENGINEER H2B, INC. 1225 N. LOOP WEST, SUITE 800 HOUSTON, TX 77008 (713) 864-2900 INDUSTRIAL HYGIENIST RIVERFRONT HEALTH & SAFETY 1159 OLIVE STREET, ST. LOUIS, MO 63101 (314) 436-9492			<b>ARCHITECT:</b> SPUR DESIGN 10901 FRONT BEACH ROAD, STE 1415 PANAMA CITY, FL 32407 (502) 836-4232			SPUR DESIGN, LLC 312 SW 25TH STREET Oklahoma City, OK 73109 (405) 842-6100 KS ARCH REG. NO. A-930, EXP. 12/31/2023 KS ENGR REG. NO. E-2586, EXP. 12/31/2023	Drawing Title <b>FIRE ALARM GENERAL NOTES, LEGEND, AND RISER DIAGRAM</b> VA Health Care System Approval:	Project Title <b>CONSTRUCT INFILL OF BUILDING 26 AND RENOVATE SPECIALTY CARE CLINICS</b> Location 5500 EAST KELLOGG AVENUE WICHITA, KANSAS 67218 Date 12/21/2022	Project Number 589-704 Building Number 26 Drawing Number <b>FA001</b> Drawing # 88 OF 190	Veterans Health Administration VA
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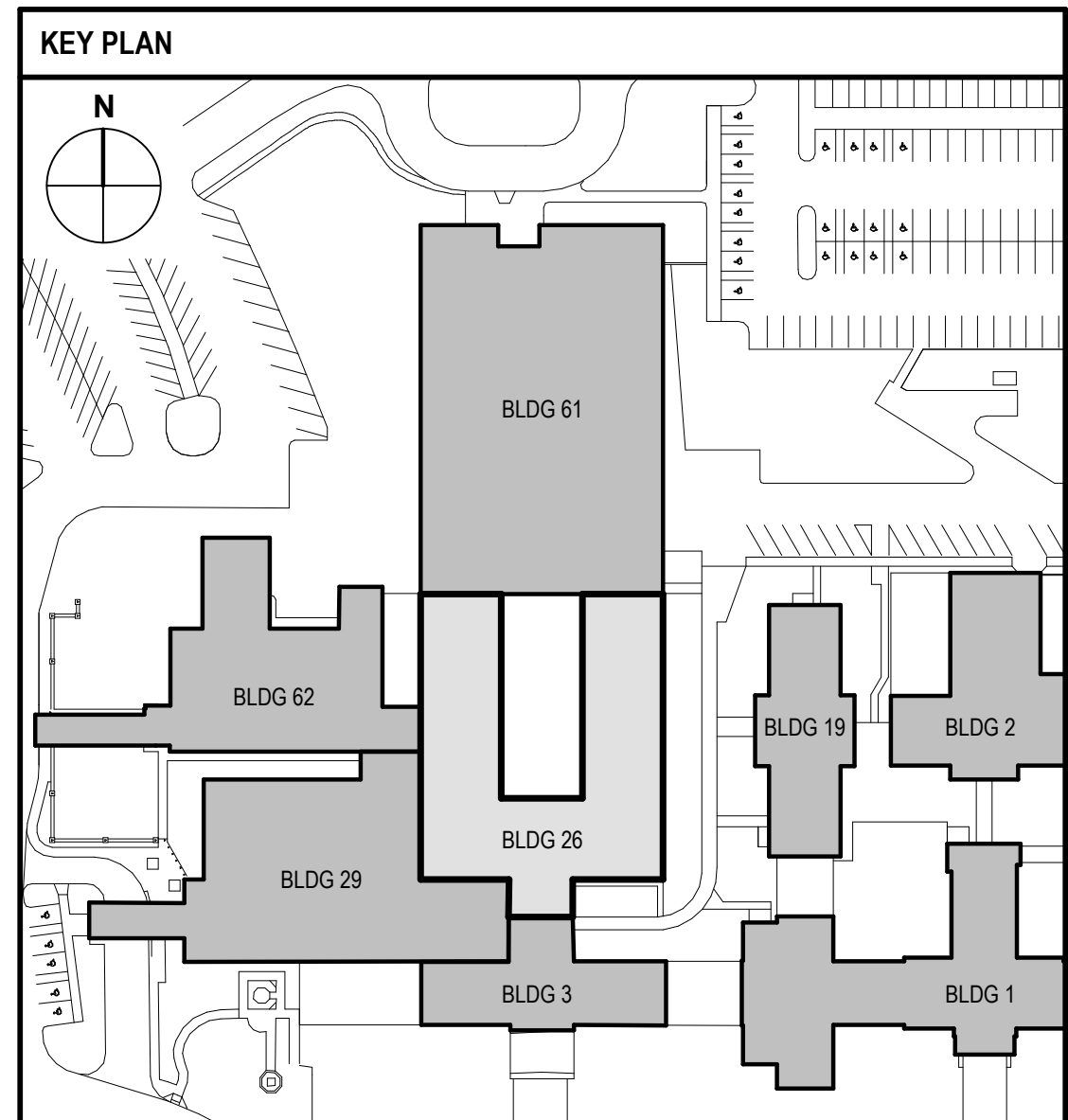
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**REQUIRED AUDIBILITY LEGEND**

	30dB AMBIENT SPL	(STORAGE OCCUPANCIES)
	45dB EXPECTED SPL	(BUSINESS OCCUPANCIES)
	60dB AMBIENT SPL	(BUSINESS OCCUPANCIES)
	69dB EXPECTED SPL	(ASSEMBLY OCCUPANCIES)
	80dB AMBIENT SPL	(ASSEMBLY OCCUPANCIES)
	75dB EXPECTED SPL	(ASSEMBLY OCCUPANCIES)
	OUT OF SCOPE AREA	



1 FIRE ALARM AUDIBILITY PLAN - GROUND FLOOR  
1/8" = 1'-0"



**FULLY SPRINKLERED  
100% BID SET**

NO.	REVISION DESCRIPTION	DATE

**CONSULTANTS:**

<b>STRUCTURAL / CIVIL ENGINEER</b> H2B, INC. 1225 N. LOOP WEST, SUITE 800 HOUSTON, TX 77008 (713) 864-2900	<b>MECH / ELEC / PLUMB / TECH ENGR</b> SPUR DESIGN 25219 MADISON AVENUE, SUITE 100 KANSAS CITY, MO 64108 (913) 959-7200	<b>FIRE PROTECTION ENGINEER</b> POOLE FIRE PROTECTION, INC. 19910 WEST 161ST STREET OLATHE, KANSAS 66062 (913) 829-8690
<b>INDUSTRIAL HYGIENIST</b> RIVERFRONT HEALTH & SAFETY 1159 OLIVE STREET, ST. LOUIS, MO 63101 (314) 436-9492	<b>HEALTHCARE PLANNER</b> INNOVA GROUP 3196 N. SIWAN ROAD TUCSON, AZ 85712 (520) 886-8650	<b>PHYSICAL SECURITY</b> FORCE PROTECT 10901 FRONT BEACH ROAD, STE 1415 PANAMA CITY, FL 32407 (502) 836-4232

**ARCHITECT:**

SPUR # 2016

**SPUR DESIGN, LLC**  
312 SW 25TH STREET  
Oklahoma City, OK 73109  
(405) 842-6100

KS ARCH REG. NO. A-930, EXP. 12/31/2023  
KS ENGR REG. NO. E-2586, EXP. 12/31/2023

**STAMP:**

Drawing Title  
**FIRE ALARM AUDIBILITY PLAN - GROUND FLOOR**

VA Health Care System Approval:

Project Title  
**CONSTRUCT INFILL OF BUILDING 26 AND RENOVATE SPECIALTY CARE CLINICS**

Location  
5500 EAST KELLOGG AVENUE  
WICHITA, KANSAS 67218

Date  
12/21/2022

Checked  
BLS

Drawn  
SAB

Project Number  
589-704

Building Number  
26

Drawing Number  
**FA101**

Drawing # 89 OF 190

**Veterans Health Administration**

U.S. Department of Veterans Affairs

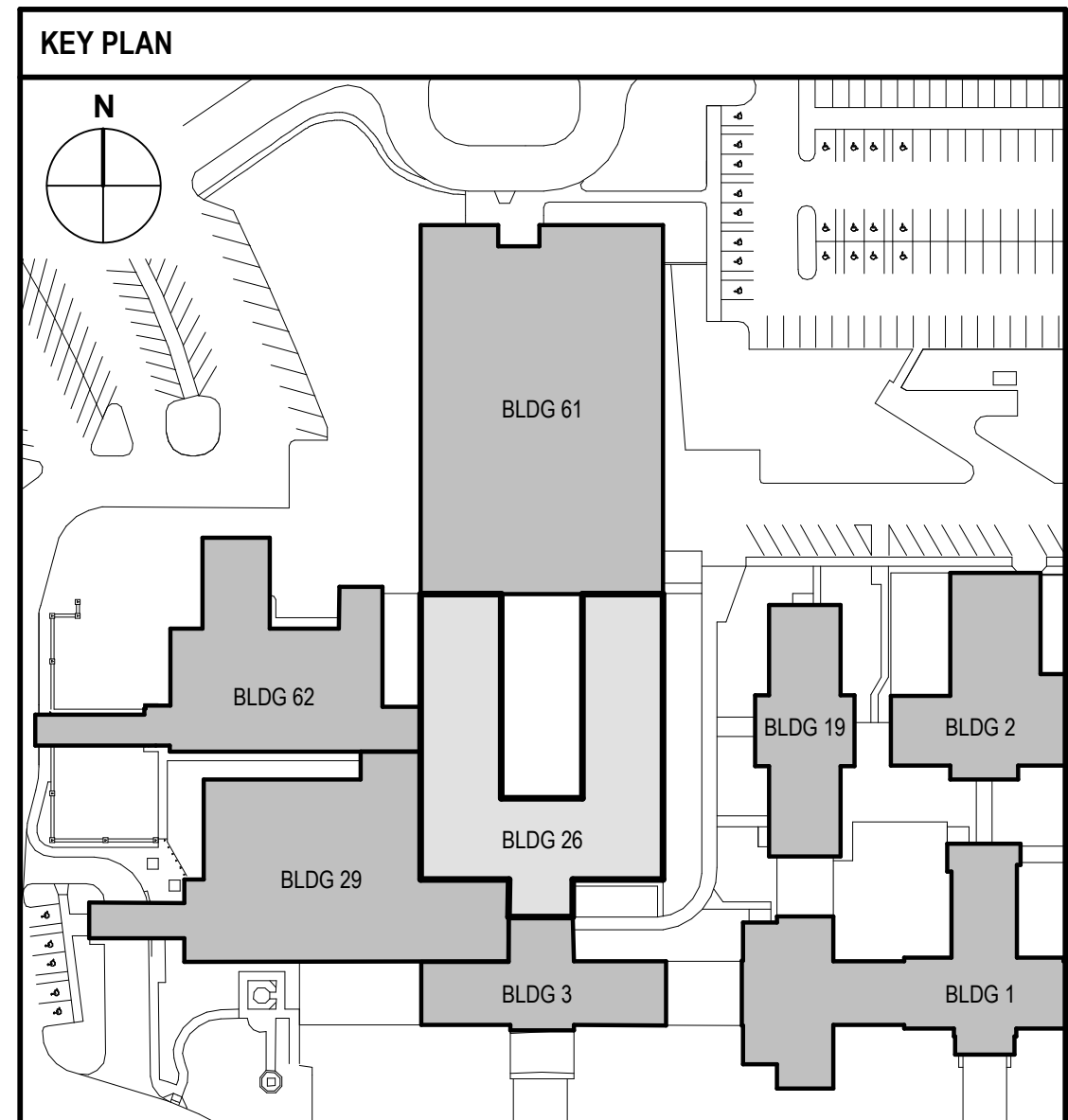
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	45dB EXPECTED SPL	
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	69dB EXPECTED SPL	
	80dB AMBIENT SPL	(ASSEMBLY OCCUPANCIES)
	75dB EXPECTED SPL	
	OUT OF SCOPE AREA	



1 FIRE ALARM AUDIBILITY PLAN - FIRST FLOOR  
1/8" = 1'-0"

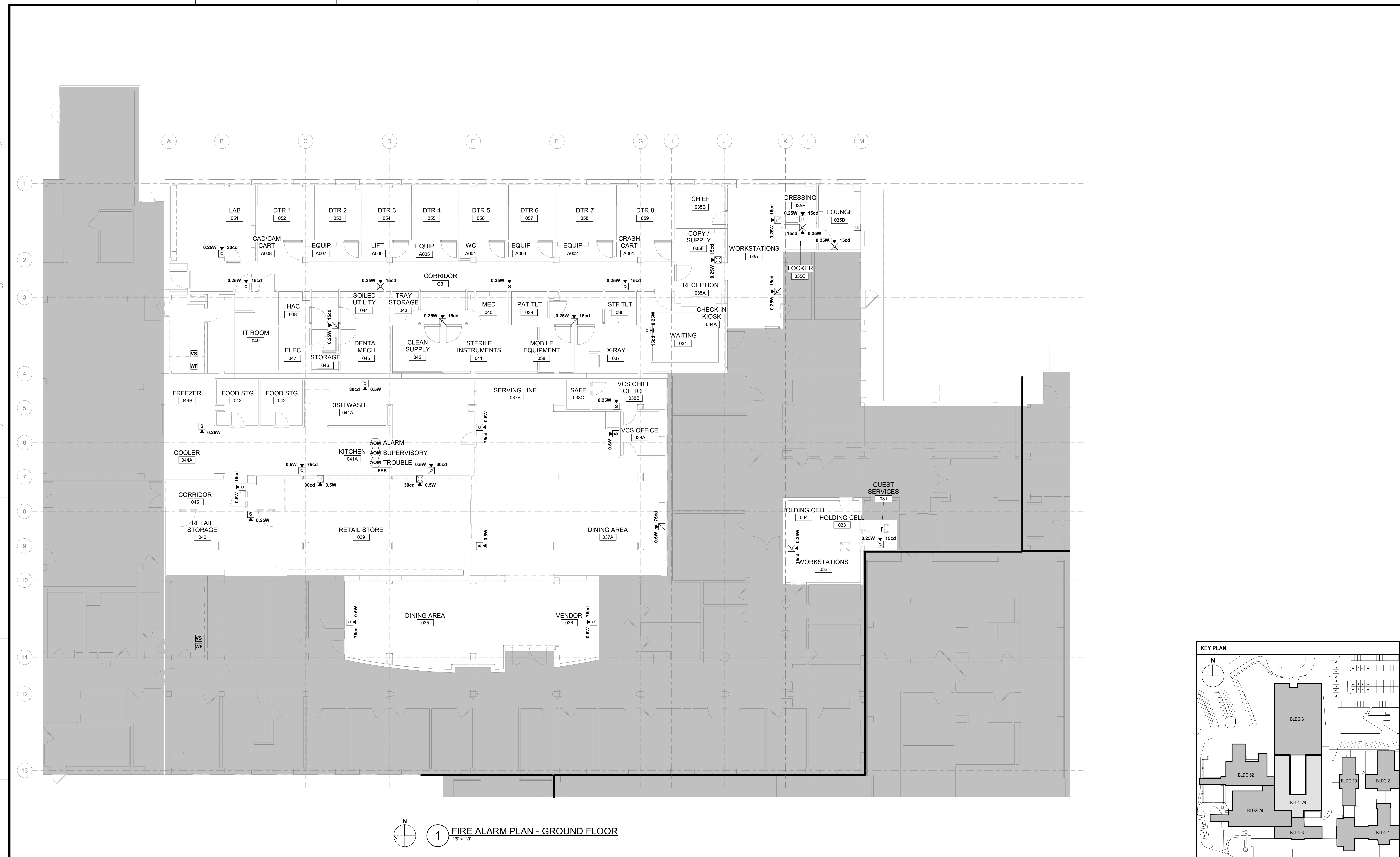


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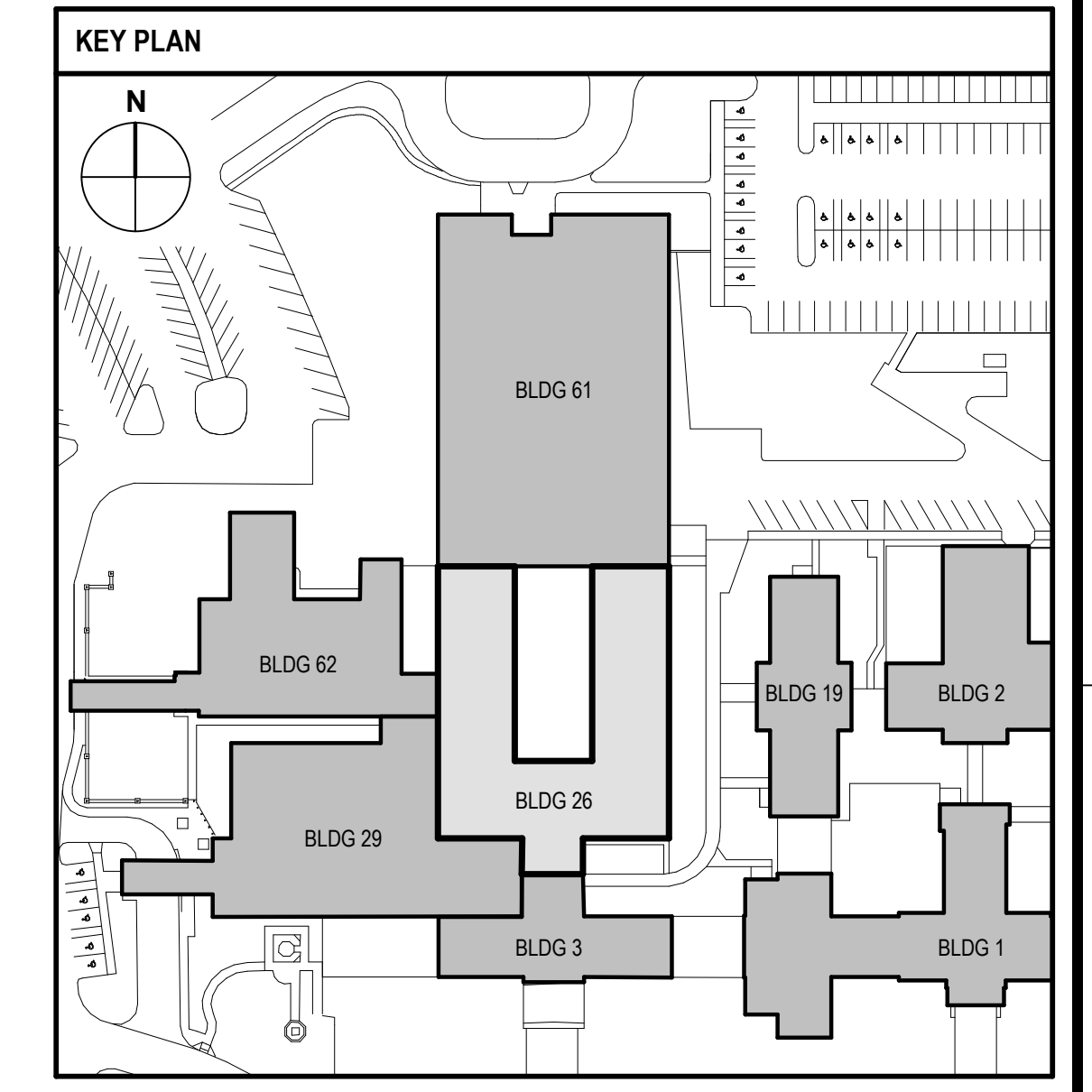
NO.	REVISION DESCRIPTION	DATE	<b>CONSULTANTS:</b>			<b>ARCHITECT:</b>	SPUR # 2016	<b>STAMP:</b>	Drawing Title <b>FIRE ALARM AUDIBILITY PLAN - FIRST FLOOR</b>	Project Title <b>CONSTRUCT INFILL OF BUILDING 26 AND RENOVATE SPECIALTY CARE CLINICS</b>	Project Number <b>589-704</b>	Building Number <b>26</b>	Drawing Number <b>FA102</b>	Drawing # 90 OF 190
			STRUCTURAL / CIVIL ENGINEER H2B, INC. 1225 N. LOOP WEST, SUITE 800 HOUSTON, TX 77008 (713) 864-2900	MECH / ELEC / PLUMB / TECH ENGR SPUR DESIGN 25219 MADISON AVENUE, SUITE 100 KANSAS CITY, MO 64108 (913) 369-7200	FIRE PROTECTION ENGINEER POOLE FIRE PROTECTION, INC. 19910 WEST 161ST STREET OLATHE, KANSAS 66062 (913) 829-8690									

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three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot  
 one sixteenth inch = one foot



1 FIRE ALARM PLAN - GROUND FLOOR  
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NO.	REVISION DESCRIPTION	DATE

**CONSULTANTS:**

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<b>INDUSTRIAL HYGIENIST</b> RIVERFRONT HEALTH & SAFETY 1159 OLIVE STREET, ST. LOUIS, MO 63101 (314) 436-9492	<b>HEALTHCARE PLANNER</b> INNOVA GROUP 3196 N. SIWAN ROAD TUCSON, AZ 85712 (520) 886-8650	<b>PHYSICAL SECURITY</b> FORCE PROTECT 10901 FRONT BEACH ROAD, STE 1415 PANAMA CITY, FL 32407 (502) 836-4232

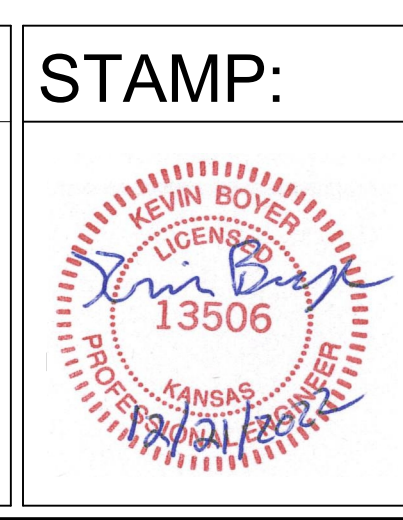
**ARCHITECT:**

**SPUR DESIGN**

SPUR # 2016

**SPUR DESIGN, LLC**  
 312 SW 25TH STREET  
 Oklahoma City, OK 73109  
 (405) 842-6100

KS ARCH REG. NO. A-930, EXP. 12/31/2023  
 KS ENGR REG. NO. E-2586, EXP. 12/31/2023



Drawing Title  
**FIRE ALARM PLAN - GROUND FLOOR**

VA Health Care System Approval:

Project Title  
**CONSTRUCT INFILL OF BUILDING 26 AND RENOVATE SPECIALTY CARE CLINICS**

Location  
 5500 EAST KELLOGG AVENUE  
 WICHITA, KANSAS 67218

Date  
 12/21/2022

Checked  
 BLS

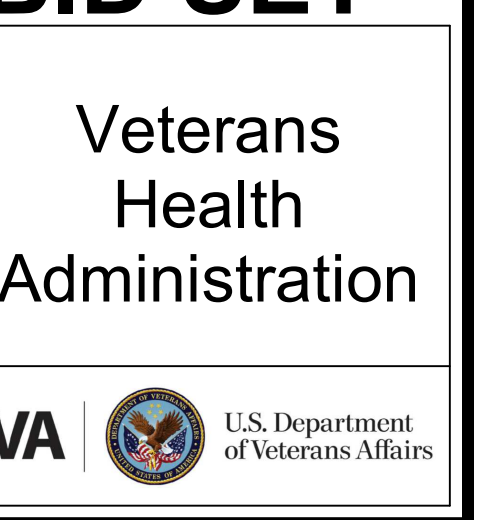
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Project Number  
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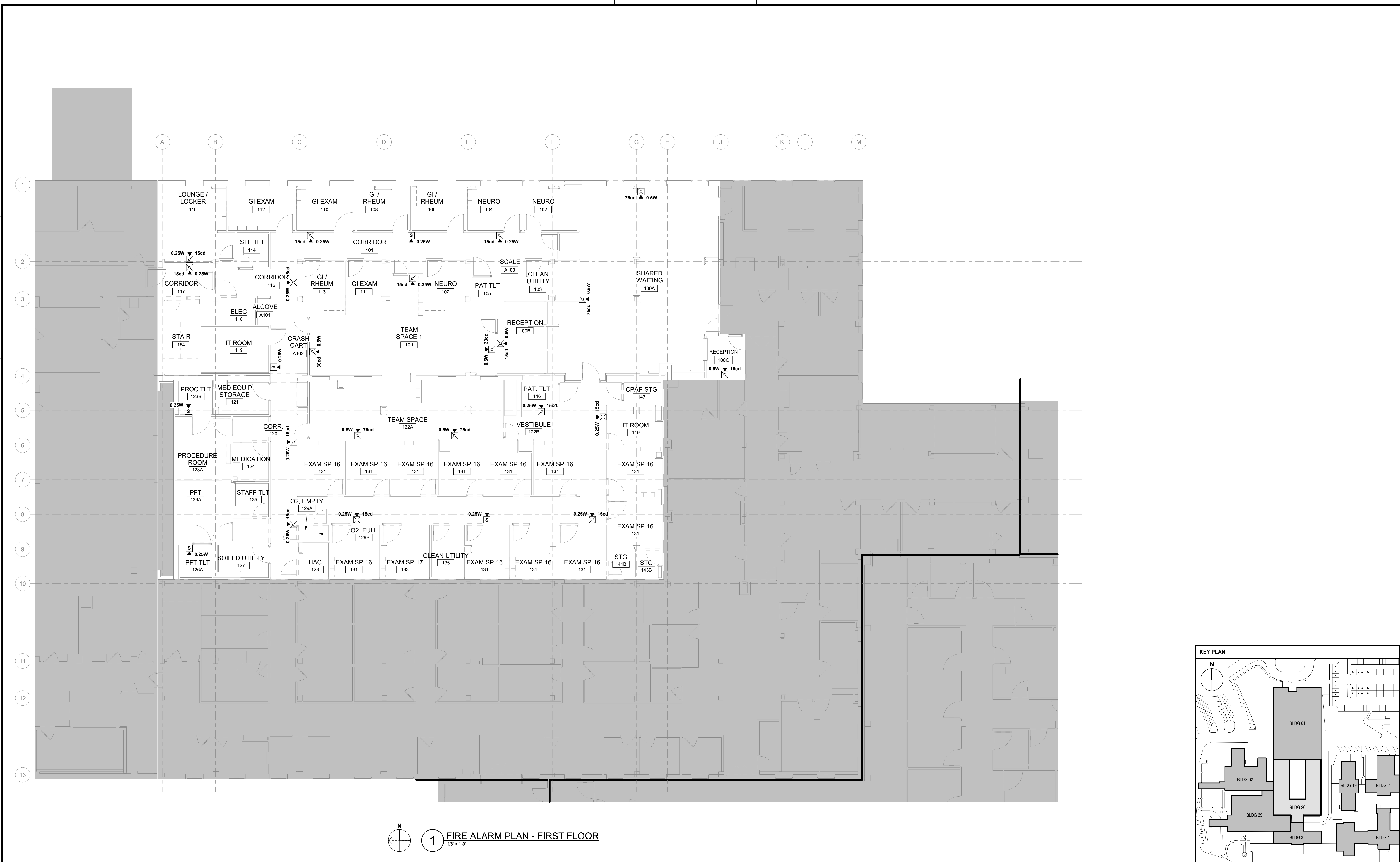
Building Number  
 26

Drawing Number  
**FA103**

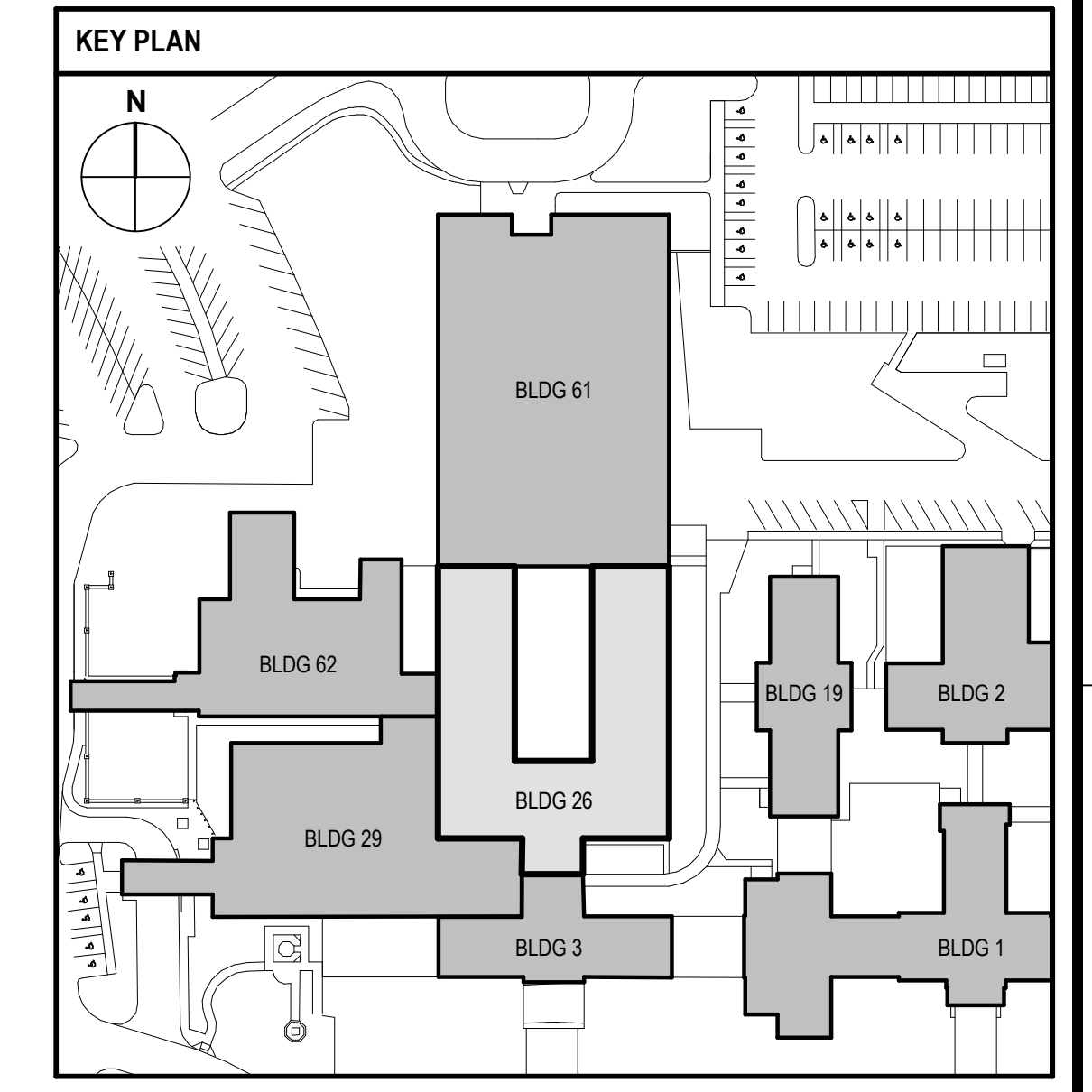
Drawing # 91 OF 190



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1 FIRE ALARM PLAN - FIRST FLOOR  
 1/8" = 1'-0"



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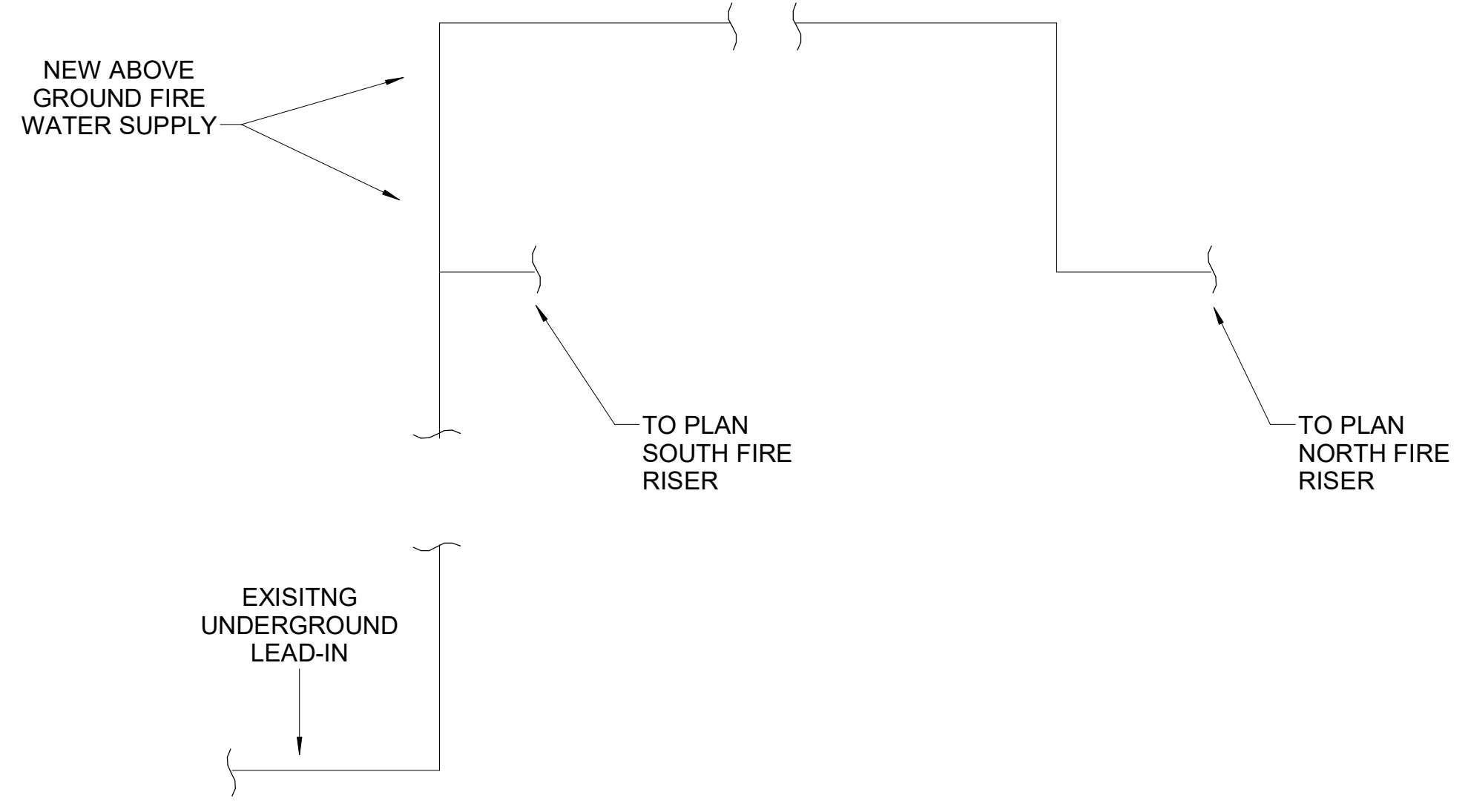
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			<b>ARCHITECT:</b> SPUR # 2016							Date <b>12/21/2022</b>		Checked BLS		Drawn SAB				

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**FIRE SUPPRESSION GENERAL NOTES**

1. THE DESIGN AND INSTALLATION OF THE FIRE PROTECTION, FIRE SUPPRESSION SYSTEM MUST BE IN ACCORDANCE WITH U.S. DEPARTMENT OF VETERANS AFFAIRS FIRE PROTECTION DESIGN MANUAL, EIGHTH EDITION, JUNE 2021; NFPA 13: STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2022 EDITION; NFPA 14: STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS, 2019 EDITION.
2. THIS INFORMATION HAS BEEN PREPARED TO PROVIDE GUIDANCE FOR BIDDING. THE CONTRACTOR SHALL BE THE ENGINEER OF RECORD. THE FIRE PROTECTION CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PROVIDING A COMPLETE AND FULLY OPERABLE SYSTEM WHICH SHALL BE IN STRICT ACCORDANCE WITH PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS. THE WORK THAT IS INDICATED IN THIS DOCUMENT IS AN OVERVIEW OF THE PROJECT, INTENDED TO ESTABLISH THE MINIMUM SCOPE REQUIREMENTS FOR THE PROJECT AS WELL AS THE CONTRACTOR'S RESPONSIBILITIES. THE CONTRACTOR SHALL SUBMIT A COMPLETE SET OF WORKING DRAWINGS, EQUIPMENT, AND CALCULATIONS TO THE OWNER'S REPRESENTATIVE AND AHJ FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION WITH THEIR ENGINEERS SEAL.
3. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, MEASUREMENTS AND LOCATIONS OF EXISTING FACILITIES, UTILITIES, EQUIPMENT AND OTHER EXISTING CONDITIONS WHICH MAY AFFECT CONSTRUCTION. BASE CIVIL ENGINEERING HAS MADE EVERY ATTEMPT TO VERIFY THIS INFORMATION, HOWEVER, IN THE EVENT OF DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS, CONTACT THE CONTRACTING OFFICER IMMEDIATELY.
4. SPRINKLER CONTRACTOR SHALL COORDINATE LOCATIONS OF FIRE PROTECTION COMPONENTS INCLUDING PIPING, ALARMS, DRAINS, SPRINKLERS, TEST POINTS, ETC. WITH ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS. OBSTRUCTIONS TO SPRINKLER DISCHARGE SHALL BE CONSIDERED DURING INSTALLATION. DO NOT INSTALL SPRINKLER PIPING BELOW EQUIPMENT OR WITHIN CLEARANCE SPACES FOR MECHANICAL AND ELECTRICAL EQUIPMENT. SPRINKLERS SHALL BE INSTALLED UNDER OBSTRUCTIONS IN ACCORDANCE WITH NFPA 13.
5. MATERIALS AND ACCESSORIES NECESSARY MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE NFPA CODES AND STANDARDS, PROJECT SPECIFICATIONS, AND BE UL LISTED OR FM APPROVED FOR FIRE PROTECTION USE, UNLESS OTHERWISE NOTED.
6. ALL VALVES INSIDE TO BE PROVIDED WITH ELECTRONIC TAMPER SWITCHES WIRED TO THE FACU. VALVES IN NORMAL CLOSED POSITION SHALL BE PROVIDED WITH TAMPER TO ACTIVATE IN THREE TURNS OR LESS. ALL VALVES OUTSIDE TO BE ELECTRONICALLY MONITORED BY FIRE ALARM.
7. ALL HANGERS MUST BE PROVIDED AND INSTALLED IN ACCORDANCE WITH NFPA 13 AND PROJECT SPECIFICATIONS.
8. LOCATION AND INSTALLATION OF PIPE SUPPORTS (HANGERS, VERTICAL RESTRAINTS, AND GUIDES) SHALL MEET THE REQUIREMENTS OF NFPA 13 AND THE SPECIAL LISTING REQUIREMENTS (IF APPLICABLE) OF THE PIPE AND SUPPORTS.
9. THE INSPECTOR'S TEST VALVES MUST BE LOCATED NO MORE THAN 7 FEET AFF.
10. APPLICABLE UL CONSTRUCTION DETAILS AND SYSTEMS SHALL BE USED WHERE FIRE RATED BARRIERS ARE PENETRATED BY SPRINKLER PIPING.
11. ALL VALVES (DRAINS, INSPECTOR'S TEST, CONTROL) MUST BE IDENTIFIED AS REQUIRED BY NFPA 13.
12. PIPING MUST BE ARRANGED FOR FLUSHING. READILY REMOVABLE FITTINGS MUST BE PROVIDED AT THE END OF ALL CROSS MAINS.
13. ALL PENDENT SPRINKLERS MUST BE INSTALLED IN THE CENTER OF THE CEILING TILES.
14. DRAINS MUST BE LOCATED TO PROVIDE DRAINAGE IN ACCORDANCE WITH NFPA 13. ALL DRAINS AND TEST CONNECTIONS MUST DISCHARGE TO THE EXTERIOR OF THE BUILDING ON TO A SPLASH BLOCK OR PAVEMENT, AND SHALL NOT DISCHARGE ACROSS PATHS OF EGRESS.
15. ALL SPRINKLER SYSTEM ALARM INITIATING AND SUPERVISORY DEVICES MUST BE CONNECTED TO THE FIRE ALARM SYSTEM.
16. ADDITIONAL SPRINKLERS MAY BE REQUIRED UNDER DUCT WORK TO PROVIDE ADEQUATE COVERAGE PER NFPA 13.
17. A LISTED RELIEF VALVE MUST BE PROVIDED IN ACCORDANCE WITH NFPA 13, SECTION 8.1.2 FOR THE SPRINKLER SYSTEM.
18. THIS BUILDING WILL HAVE A WET PIPE AUTOMATIC SPRINKLER SYSTEM WHICH WILL REQUIRE ALL AREAS OF THE BUILDING TO BE MAINTAINED ABOVE 40 DEGREES F.
19. PROVIDE SPRINKLER PROTECTION WITHIN ALL COMBUSTIBLE CONCEALED SPACES.
20. INSTALL NEW CHECK VALVES, WATERFLOW SWITCHES, AND INSPECTOR'S TEST CONNECTIONS WITH PRESSURE RELIEF VALVE.

**1 FIRE RISER ONE-LINE DIAGRAM**  
SCALE: NONE



**FULLY SPRINKLERED  
100% BID SET**

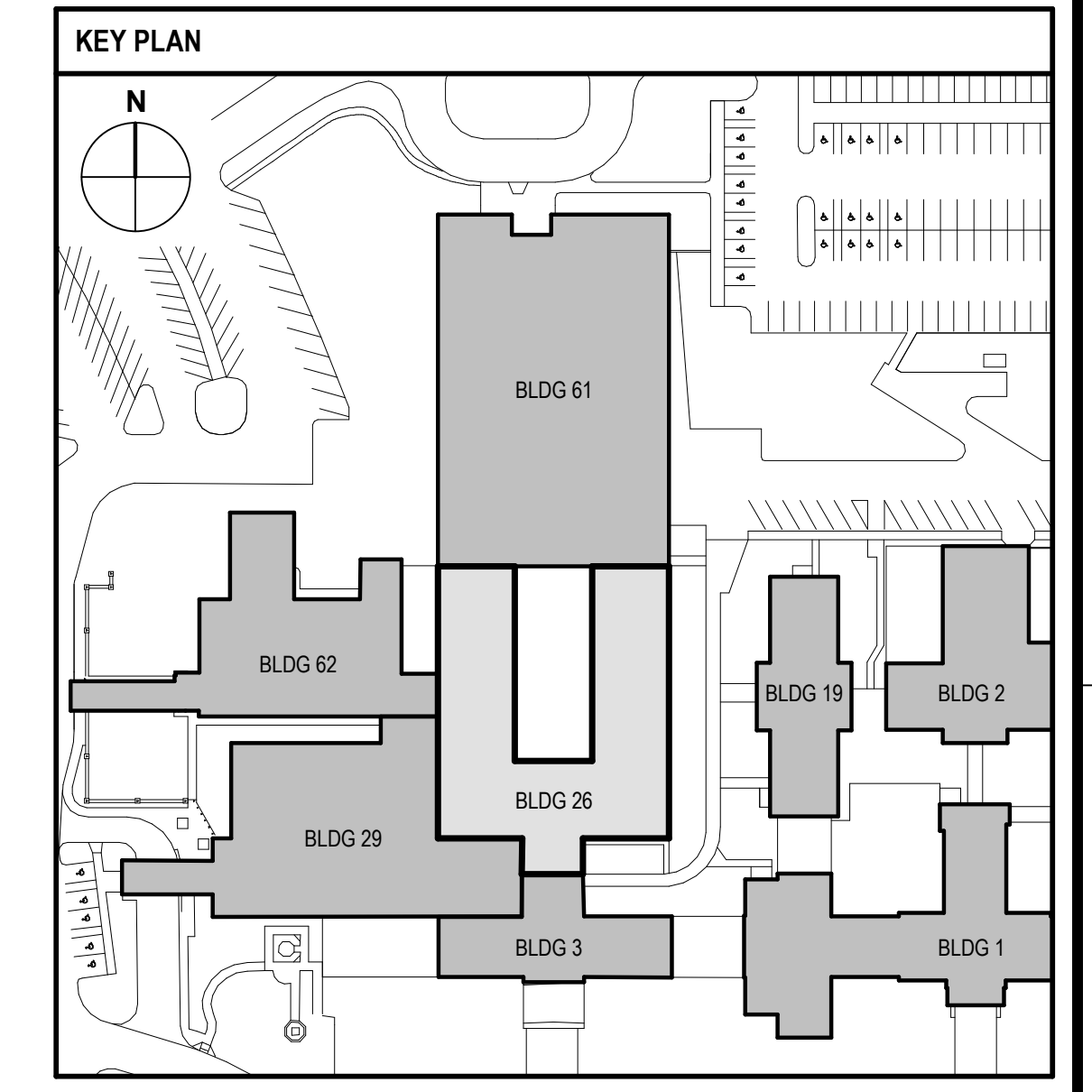
NO.		REVISION DESCRIPTION		DATE	<b>CONSULTANTS:</b>			<b>ARCHITECT:</b>		SPUR #. 2016	<b>STAMP:</b>	Drawing Title <b>FIRE SUPPRESSION GENERAL NOTES</b>		Project Title <b>CONSTRUCT INFILL OF BUILDING 26 AND RENOVATE SPECIALTY CARE CLINICS</b>		Project Number 589-704		Veterans Health Administration			
					STRUCTURAL / CIVIL ENGINEER H2B, INC. 1225 N. LOOP WEST, SUITE 800 HOUSTON, TX 77008 (713) 864-2900  INDUSTRIAL HYGIENIST RIVERFRONT HEALTH & SAFETY 1150 OLIVE STREET, ST. LOUIS, MO 63101 (314) 436-9492			MECH / ELEC / PLUMB / TECH ENGR SPUR DESIGN 25219 MADISON AVENUE, SUITE 100 KANSAS CITY, MO 64108 (913) 369-7200  HEALTHCARE PLANNER INNOVA GROUP 3196 N. SIWAN ROAD TUCSON, AZ 85712 (520) 886-8650		FIRE PROTECTION ENGINEER POOLE FIRE PROTECTION, INC. 19910 WEST 161ST STREET OLATHE, KANSAS 66062 (913) 829-8690  PHYSICAL SECURITY FORCE PROTECT 10901 FRONT BEACH ROAD, STE 1415 PANAMA CITY, FL 32407 (502) 836-4232				VA Health Care System Approval:		Location 5500 EAST KELLOGG AVENUE WICHITA, KANSAS 67218				Building Number 26	
					INDUSTRIAL HYGIENIST RIVERFRONT HEALTH & SAFETY 1150 OLIVE STREET, ST. LOUIS, MO 63101 (314) 436-9492			MECH / ELEC / PLUMB / TECH ENGR SPUR DESIGN 25219 MADISON AVENUE, SUITE 100 KANSAS CITY, MO 64108 (913) 369-7200		FIRE PROTECTION ENGINEER POOLE FIRE PROTECTION, INC. 19910 WEST 161ST STREET OLATHE, KANSAS 66062 (913) 829-8690				Date 12/21/2022		Checked BLS		Drawn SAB		Drawing # 93 OF 190	

**HAZARD CLASSIFICATION LEGEND**

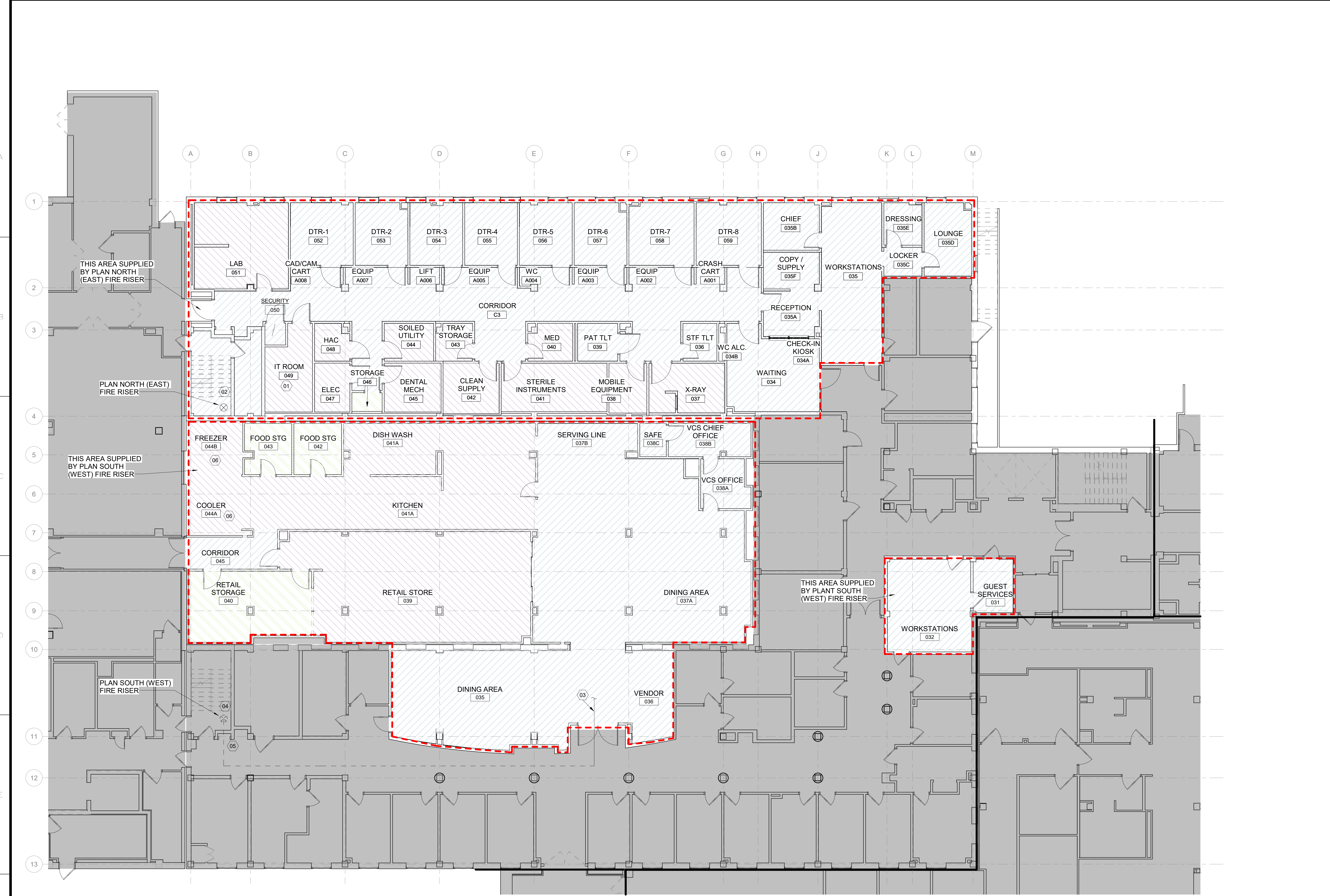
	LIGHT HAZARD (0.10 GPM/FT² OVER 1,500 FT² WITH 250 GPM EXTERIOR HOSE DEMAND)
	ORDINARY HAZARD I (0.15 GPM/FT² OVER 1,500 FT² WITH 250 GPM EXTERIOR HOSE DEMAND)
	ORDINARY HAZARD II (0.20 GPM/FT² OVER 1,500 FT² WITH 250 GPM EXTERIOR HOSE DEMAND)
	OUT OF SCOPE
	EXISTING FIRE SUPPRESSION RISER
	PIPING CONTINUATION
	EXISTING FIRE SUPPRESSION PIPING
	NEW FIRE SUPPRESSION PIPING
	FIRE SUPPRESSION SYSTEM BOUNDARY

**SHEET KEYNOTES**

MARK	KEYNOTE
01	WHERE FEASIBLE, THE IT ROOM SHALL HAVE 18" CLEARANCE ABOVE EQUIPMENT TO SPRINKLER PIPING IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS. WHERE EXISTING CONSTRUCTION ROOM HEIGHT LIMITATIONS OCCUR, 18" CLEARANCE MAY NOT BE ACHIEVABLE. IN ADDITION, BUILT-IN TROUGH AND/OR LEAK DETECTION IN ACCORDANCE WITH NFPA 70 SHALL BE PROVIDED TO PROTECT IT EQUIPMENT FROM ANY WET-PIPE SPRINKLER LEAKAGE.
02	CONTRACTOR TO DEMOLISH EXISTING FIRE RISER, REBUILD NEW FIRE RISER TO BE FED FROM ABOVE GROUND MAIN FROM PLAN NORTH (EAST) SIDE OF THE BUILDING. NEW ABOVEGROUND PIPING MUST BE CONNECTED TO FIRE SPRINKLER RISER PRIOR TO DISCONNECTION OF EXISTING UNDERGROUND PIPING. CONTRACTOR TO COORDINATE WITH VA PERSONNEL IN REGARDS TO FIRE SPRINKLER IMPAIRMENT DURING CONSTRUCTION. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF NEW PIPING AND TIE-INS PRIOR TO ANY CONSTRUCTION.
03	CONTRACTOR TO CONNECT TO EXISTING FIRE SPRINKLER PIPING. CONTRACTOR TO FIELD VERIFY EXACT LOCATION PRIOR TO ANY WORK.
04	EXISTING FIRE SPRINKLER RISER IS CURRENTLY BEING FED FROM UNDERGROUND PIPING. PER REQUEST FROM THE VA, CONTRACTOR TO REPLACE ALL EXISTING FIRE SUPPRESSION VALVES IN GROUND FLOOR SOUTH STAIR. CONTRACTOR TO COORDINATE WITH VA PERSONNEL IN REGARDS TO FIRE SPRINKLER IMPAIRMENT DURING CONSTRUCTION. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF NEW PIPING AND TIE-INS PRIOR TO ANY CONSTRUCTION.
05	CONTRACTOR TO REMOVE EXISTING HOSE STATION AND EXISTING FDC PIPING AND CONNECTION. CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF FDC, HOSE CONNECTION AND PIPING PRIOR TO CONSTRUCTION.
06	CONTRACTOR TO PROVIDE SPRINKLER PROTECTION VIA DRY PENDENT SPRINKLERS IN FREEZER AND COOLER. CONTRACTOR TO COORDINATE PENETRATION LOCATIONS WITH OWNER IN FIELD PRIOR TO CONSTRUCTION.



**FULLY SPRINKLERED  
100% BID SET**



**FIRE SUPPRESSION HAZARD CLASSIFICATION PLAN -  
GROUND FLOOR**  
1 1/8" = 1'-0"

NO.	REVISION DESCRIPTION	DATE

**CONSULTANTS:**

<b>STRUCTURAL / CIVIL ENGINEER</b> H2B, INC. 1225 N. LOOP WEST, SUITE 800 HOUSTON, TX 77008 (713) 864-2900	<b>MECH / ELEC / PLUMB / TECH ENGR</b> SPUR DESIGN 25219 MADISON AVENUE, SUITE 100 KANSAS CITY, MO 64108 (913) 369-7200	<b>FIRE PROTECTION ENGINEER</b> POOLE FIRE PROTECTION, INC. 19910 WEST 161ST STREET OLATHE, KANSAS 66062 (913) 829-8690
<b>INDUSTRIAL HYGIENIST</b> RIVERFRONT HEALTH & SAFETY 1159 OLIVE STREET, ST. LOUIS, MO 63101 (314) 436-9492	<b>HEALTHCARE PLANNER</b> INNOVA GROUP 3196 N. SIWAN ROAD TUCSON, AZ 85712 (520) 886-8650	<b>PHYSICAL SECURITY</b> FORCE PROTECT 10901 FRONT BEACH ROAD, STE 1415 PANAMA CITY, FL 32407 (502) 836-4232

**ARCHITECT:**

**SPUR DESIGN, LLC**  
312 SW 25TH STREET  
Oklahoma City, OK 73109  
(405) 842-6100

KS ARCH REG. NO. A-930, EXP. 12/31/2023  
KS ENGR REG. NO. E-2586, EXP. 12/31/2023

**STAMP:**

Drawing Title  
**FIRE SUPPRESSION HAZARD  
CLASSIFICATION PLAN - GROUND  
FLOOR**

VA Health Care System Approval:

Project Title  
**CONSTRUCT INFILL OF  
BUILDING 26 AND RENOVATE  
SPECIALTY CARE CLINICS**

Location  
5500 EAST KELLOGG AVENUE  
WICHITA, KANSAS 67218

Date  
12/21/2022

Checked  
BLS

Drawn  
SAB

Project Number  
589-704

Building Number  
26

Drawing Number  
**FX101**

Drawing # 94 OF 190

**Veterans  
Health  
Administration**

U.S. Department of Veterans Affairs

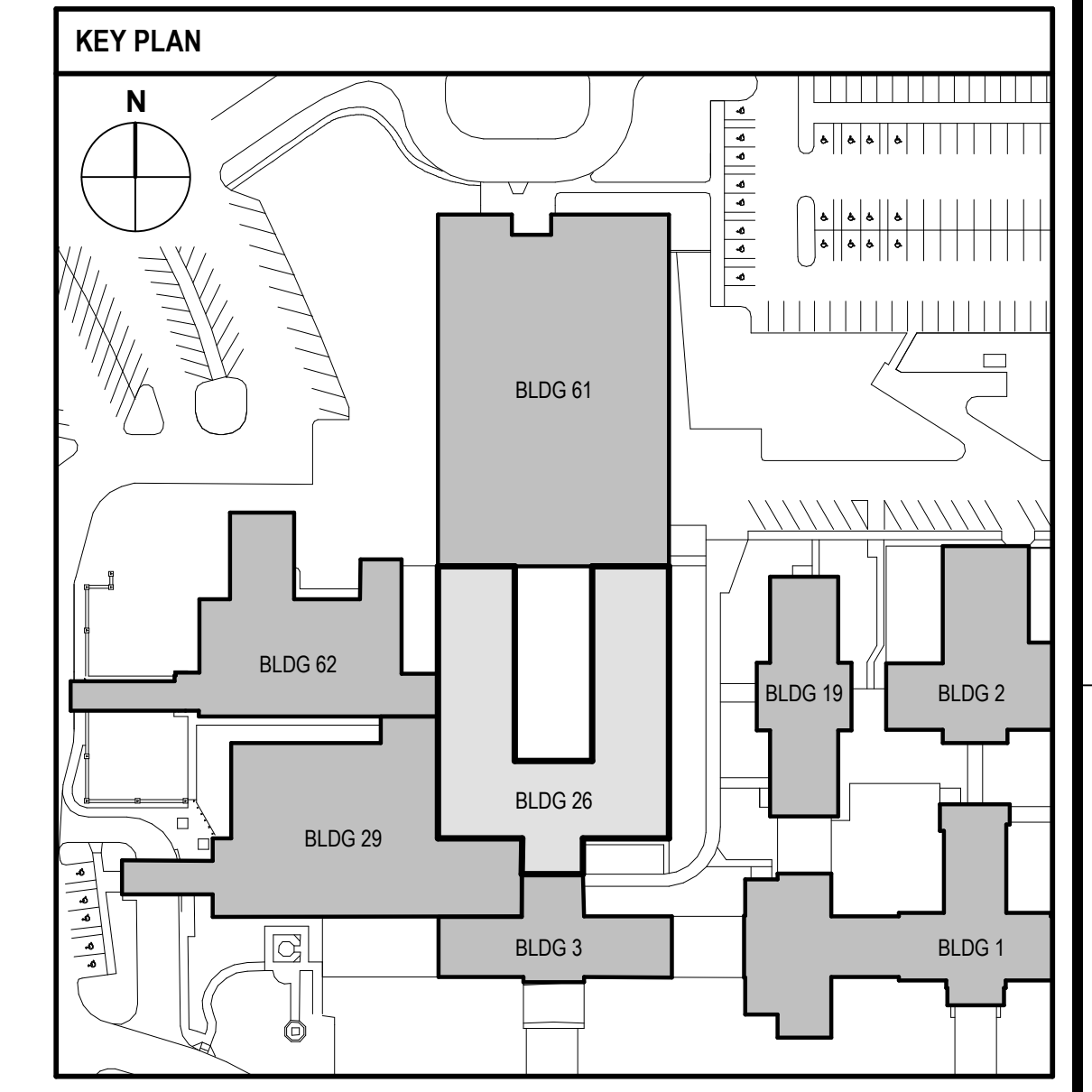
GENERAL NOTE: FIRST FLOOR HAS FIRE SUPPRESSION PIPING WITH ORANGE POLY PIPE. PER VA DIRECTION, FIRE PROTECTION CONTRACTOR TO REMOVE POLY PIPE AND REPLACE WITH HARD PIPE ONLY. CONTRACTOR TO VERIFY LOCATION OF EXISTING POLY PIPING PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO COORDINATE REMOVAL WITH VA.

HAZARD CLASSIFICATION LEGEND	
	LIGHT HAZARD (0.10 GPM/FT² OVER 1,500 FT² WITH 250 GPM EXTERIOR HOSE DEMAND)
	ORDINARY HAZARD I (0.15 GPM/FT² OVER 1,500 FT² WITH 250 GPM EXTERIOR HOSE DEMAND)
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	OUT OF SCOPE
	EXISTING FIRE SUPPRESSION RISER
	PIPING CONTINUATION
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	NEW FIRE SUPPRESSION PIPING
	FIRE SUPPRESSION SYSTEM BOUNDARY

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**FIRE SUPPRESSION HAZARD CLASSIFICATION PLAN - FIRST FLOOR**  
 1 1/8" = 1'-0"



**FULLY SPRINKLERED  
100% BID SET**

NO.	REVISION DESCRIPTION	DATE

CONSULTANTS:		
STRUCTURAL / CIVIL ENGINEER H2B, INC. 1225 N. LOOP WEST, SUITE 800 HOUSTON, TX 77008 (713) 864-2900	MECH / ELEC / PLUMB / TECH ENGR SPUR DESIGN 25219 MADISON AVENUE, SUITE 100 KANSAS CITY, MO 64108 (913) 369-7200	FIRE PROTECTION ENGINEER POOLE FIRE PROTECTION, INC. 19910 WEST 161ST STREET OLATHE, KANSAS 66062 (913) 829-8690
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STAMP:

Drawing Title: **FIRE SUPPRESSION HAZARD CLASSIFICATION PLAN - FIRST FLOOR**

VA Health Care System Approval:

Project Title <b>CONSTRUCT INFILL OF BUILDING 26 AND RENOVATE SPECIALTY CARE CLINICS</b>	Project Number 589-704
Location 5500 EAST KELLOGG AVENUE WICHITA, KANSAS 67218	Building Number 26
Date 12/21/2022	Drawing Number <b>FX102</b>

Drawing # 95 OF 190

**Veterans Health Administration**

VA U.S. Department of Veterans Affairs

12/19/2022 3:23:13 PM