GENERAL NOTES

1. IT IS THE INTENT THAT THE GENERAL NOTES INDICATED HERE BE APPLICABLE ONLY TO THE CONTRACTED SCOPE OF WORK INDICATED WITHIN THIS DRAWING PACKAGE. NOT ALL NOTES MAY APPLY TO THIS PROJECT.
2. THESE GENERAL NOTES SHALL NOT BE APPLICABLE TO ANY EXISTING CONDITIONS WITHIN THE FACILITY. I.E. EXISTING CONDITIONS FOUND TO BE PRESENT PRIOR TO THIS CONTRACT, WORK PREVIOUSLY PERFORMED BY OTHER OR PREVIOUS SYSTEM CONTRACTORS, SEPARATE WORK UNRELATED TO THIS CONTRACT, SYSTEMS PREVIOUSLY APPROVED UNDER PAST CODES / REGULATIONS, ETC.
3. SIEMENS EQUIPMENT IS UNDERWRITERS LABORATORIES (UL) LISTED FOR POWER LIMITED INSTALLATION.
4. A STAMPED SET OF APPROVED PLANS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION. ANY DEVIATION FROM APPROVED PLANS, INCLUDING THE SUBSTITUTION OF DEVICES SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION/ INSPECTOR OF RECORD. SIEMENS SHALL NOT BEAR ANY ADDITIONAL COST FOR RE-ENGINEERING AS A RESULT OF DEVIATIONS.
5. THESE DRAWINGS DEPICT GENERAL LOCATIONS OF LIFE SAFETY EQUIPMENT & FIELD DEVICES. ANY RACEWAY RUNS THAT ARE INDICATED WITHIN THIS DRAWING PACKAGE ARE SHOWN DIAGRAMMATICAL AND ARE FOR CIRCUITING PURPOSES ONLY. EXACT ROUTING OF THE CONDUITS TO BE DETERMINED IN THE FIELD BY THE INSTALLING CONTRACTOR TO SUIT CONDITIONS. ALL THE CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS.
6. WIRING SHALL NOT BE LOOPED UNDER DEVICE TERMINALS. WIRE MUST BE CUT FOR IN AND OUT RUNS PRIOR TO INSTALLING UNDER DEVICE TERMINALS.
7. ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO USE COLOR CODE AND/OR WIRE NUMBERS PER CONTRACT DOCUMENTATION ON ALL WIRING. SUCH IDENTIFICATIONS SHALL BE MADE CONTINUOUS THROUGHOUT ALL CIRCUITS, CONNECTIONS, TERMINATIONS AND AT JUNCTION BOXES.
8. WHERE SHIELDED CABLE IS USED, THE SHIELD SHALL BE CONTINUOUS AND GROUNDED ONLY ONCE AT THE RESPECTIVE CONTROL UNIT.
9. T-TAPPING IS ONLY ACCEPTABLE ON SLC CLASS B CIRCUITS EXCEPT WHERE CONTRACT SPECIFICATIONS PROHIBIT.
10. ALL 120VAC CIRCUITS FEEDING FIRE ALARM EQUIPMENT SHALL BE FROM A DEDICATED CIRCUIT MARKED AS 'FIRE ALARM', MARKED RED, AND PROVIDED WITH A BREAKER LOCK-ON DEVICE.
11. ALL WIRING, INITIATING DEVICES AND ANNUNCIATOR PANELS SHALL BE SUPERVISED TO THE PRINCIPAL POINT OF ANNUNCIATION. (CONTROL UNIT(S) TO SUPERVISE ANNUNCIATOR PANEL(S), SUB-PANEL(S), ALL CIRCUITS AND INITIATING DEVICES).
12. UNLESS OTHERWISE NOTED, ALL MANUAL PULL STATIONS SHALL BE MOUNTED AT A MAXIMUM HEIGHT OF 48" ABOVE FINISHED FLOOR TO THE OPERABLE PART.
13. FIRE ALARM SIGNAL SHALL MEET ANSI S3.41, AUDIBLE EMERGENCY EVACUATION SIGNAL (TEMPORAL PATTERN). FIRE ALARM AUDIBILITY SHALL BE NO LESS THAN 15db (PUBLIC MODE) OR 10dB (PRIVATE MODE) ABOVE AMBIENT SOUND THROUGHOUT THE AREA OF ALARM.
14. WHERE MORE THAN TWO VISUAL APPLIANCES ARE IN THE SAME FIELD OF VIEW, THEY SHALL BE SYNCHRONIZED IN ACCORDANCE WITH NFPA 72.
15. CEILING MOUNTED VISUAL NOTIFICATION APPLIANCES SHALL BE MOUNTED BELOW VISUAL OBSTRUCTIONS, AND WHEN THESE APPLIANCES ARE MOUNTED ABOVE 10' A.F.F., THEY SHALL BE DERATED OR PROVIDED WITH PERFORMANCE-BASED ALTERNATIVE IN ACCORDANCE WITH NFPA 72.
16. IN ACCORDANCE WITH NFPA 72, WHERE DETECTION IS NOT REQUIRED DURING CONSTRUCTION, DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER ALL OTHER CONSTRUCTION TRADES HAVE COMPLETED CLEANUP.
17. INSTALLATION OF DEVICES SHALL BE IN ACCORDANCE WITH MANUFACTURER INSTALLATION INSTRUCTIONS AND LISTINGS. MISAPPLICATION OF EQUIPMENT AND SUCH, VOIDS ALL WARRANTIES EITHER EXPRESSED OR IMPLIED WITH REGARDS TO LOSS, DAMAGE, LIABILITIES AND/OR SERVICE PROBLEMS.
18. UNLESS NOTED OTHERWISE ALL WIRING AND INSTALLATION METHODS SHALL CONFORM TO APPLICABLE ELECTRICAL CODE. MINIMUM SIZE OF 3/4" METALLIC RACEWAY SHALL BE INSTALLED.
19. EFFORTS MUST BE PLACED ON MINIMIZING UNNECESSARY WIRE RUNS WITHIN DEVICE BACKBOXES. DO NOT INSTALL WIRE WITHIN A BACKBOX THAT DOES NOT SERVE ITS CORRESPONDING DEVICE AND WHICH MAY INHIBIT ITS PROPER INSTALLATION. GOOD WIRING/INSTALLATION PRACTICES MUST BE ADHERED TO AT ALL TIMES.
20. AS FIELD CONDITIONS DICTATE ACTUAL RACEWAY INSTALLATIONS, DEVICE BACK BOXES AND JUNCTION BOXES SHALL BE SIZED PER FIELD INSTALLING CONDITIONS. DEVICE BACK BOX SIZES INDICATED WITHIN THIS DRAWING PACKAGE ARE MINIMUM REQUIREMENTS ONLY. AN INCREASE IN BACK BOX DEPTH, ADDITION OF EXTENSION BOX/RING, ETC. MAY BE REQUIRED IN ORDER TO PROPERLY ACCOMMODATE FOR WIRE QUANTITIES INSTALLED WITHIN THE RACEWAY.
21. THE INSTALLATION OF DEVICE BACKBOXES & WIRE SHALL BE SIZED AND INSTALLED PER APPLICABLE ELECTRICAL CODE. IN ADDITION SUCH BOXES & WIRE SHALL BE INSTALLED IN A MANNER AS TO ALLOW FOR THE EASE OF DEVICE INSTALLATION & FUTURE MAINTENANCE. THE INSTALLATION OF DEVICES WHICH REQUIRE EXCESSIVE FORCE OR THE PINCHING OF WIRES IN ORDER TO PROPERLY SEAT THE DEVICE TO ITS FINISHED SURFACE MAY RESULT IN GROUND FAULTS OR OTHER SYSTEM TROUBLES, AND SHALL BE CONSIDERED AN UNACCEPTABLE INSTALLATION STANDARD.
22. DO NOT APPLY POWER TO CONTROL UNIT(S) UNTIL SIEMENS AUTHORIZED PERSONNEL HAVE VERIFIED THE SYSTEM INSTALLATIONS. UPON SATISFACTORY COMPLETION OF THEIR INSPECTION, POWER WILL BE APPLIED TO THE CONTROL UNIT(S). SIEMENS ASSUMES NO LIABILITY FOR ANY DAMAGE TO THE EQUIPMENT SUPPLIED IF POWER IS APPLIED TO THE CONTROL UNIT(S) PRIOR TO INSPECTION OF THE INSTALLATION BY SIEMENS AUTHORIZED PERSONNEL.
23. CABLE INSTALLED IN UNDERGROUND RACEWAYS OR OTHER WET LOCATIONS SHALL BE RATED/LISTED FOR WET LOCATIONS.
24. FOR ADDITIONAL INSTALLATION INSTRUCTIONS, REFER TO CATALOG CUT SHEETS AND/OR INSTALLATION INSTRUCTIONS.

CELL	1	SLE-LTEVI-FIRE A7F30100212	STARLINK CELLULAR & IP COMMUNICATOR, LTE	SURFACE MOUNT
FACP	1	FC-2005	DESIGO INTELLIGENT FIRE ALARM CONTROL UNIT (50-POINT)	SEMI-FLUSH OR SURFACE MOUNT
	2	PS-12120 A7F30026426	BATTERY 12 VOLT 12 AMP HOUR	INTERNAL PANEL COMPONENT
ANN	1	FSD901-U2 S54433-C102-A4	SYSTEM STATUS DISPLAY (BLACK)	4S DEEP BOX w/ 2-GANG RING
P	10	XMS-D S54321-F8-A1	INTELLIGENT MANUAL PULL STATION DUAL ACTION, KEY RESET.	4S DEEP BOX w/ 1-GANG RING
	1	FDT421 S54320-F5-A1	INTELLIGENT HEAT DETECTOR HEAD	DB-11
	2	FDOOTC441 S54320-F8-A1	INTELLIGENT MULTI-CRITERIA FIRE / CO DETECTOR	ABHW-4B
SB	2	ABHW-4B S54320-F13-A1	INTELLIGENT DETECTOR BASE w/ SOUNDER (TEMP-3, TEMP-4, STEADY)	4S DEEP BOX w/ EXTENSION
	1	FDOOT441 S54320-F7-A1	INTELLIGENT MULTI-CRITERIA SMOKE DETECTOR HEAD	DB-11
	3	FDO421 S54320-F4-A1	INTELLIGENT PHOTOELECTRIC SMOKE DETECTOR HEAD	DB-11
	5	DB-11 500-094151	DETECTOR BASE	4S DEEP BOX w/ 1-GANG RING
XTR-R	5	XTR-R S54370-B1-A1	INTELLIGENT CONTROLLABLE RELAY w/ SINGLE INPUT MONITOR MODULE	4S DEEP BOX
FDCIO	1	FDCIO422 S54322-F4-A1	INPUT/OUTPUT MODULE	5S DEEP BOX w/ EXTENSION
	29	SL2SWW-F S54329-F218-A1	MULTI-CANDELA LED STROBE, WALL MOUNT - WHITE FIELD SELECTABLE 15/30/75/110/135/185cd	4S DEEP BOX w/ 1-GANG RING
	5	SL2HSWW-F S54329-F105-A1	MULTI-CANDELA HORN/STROBE, WALL MOUNT - WHITE FIELD SELECTABLE 15/30/75/110/135/185cd	4S DEEP BOX w/ 1-GANG RING
	F.B.O.	<BY OTHERS>	SPRINKLER WATERFLOW SWITCH	F.B.O.
	F.B.O.	<BY OTHERS>	SPRINKLER TAMPER SWITCH	F.B.O.

APPLICABLE CODES & REGULATIONS

STATE OF KENTUCKY ADOPTED CODES
- -KENTUCKY BUILDING CODE: 2018 EDITION
- -INTERNATIONAL FIRE CODE: 2015 EDITION
- -INTERNATIONAL MECHANICAL CODE: 2015 EDITION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
- -NFPA 1: 2013 EDITION
- -NFPA 70: 2017 EDITION
- -NFPA 72: 2013 EDITION

CHECK LIST FOR START UP

THE FOLLOWING IS A LIST OF CRITERIA THAT MUST BE MEET PRIOR TO START UP

☐ MARK-UP THE SIEMENS FIRE SAFETY SHOP DRAWINGS, SHOWING THE ACTUAL WIRE RUNS. NOTE THAT ANY DISCREPANCIES/CHANGES BETWEEN THE ACTUAL CONDITIONS AND THE SYSTEM DRAWINGS SHOULD BE NOTED FOR INCLUSION ON THE FINAL RECORD DRAWINGS.

☐ ALL DEVICES HAVE BEEN INSTALLED AND TERMINATED PROPERLY.

☐ CONTACTED SIEMENS FIRE SAFETY PROJECT MANAGER 14 DAYS PRIOR TO SCHEDULED START UP.

☐ ALL FIELD DEVICES INCLUDING DETECTORS, MODULES, NOTIFICATION APPLIANCES BOTH VISUAL AND AUDIBLE ARE ADDRESSED AND OUTPUT SET (AS REQUIRED) AND INSTALLED.

☐ IF YOUR SYSTEM IS BEING FURNISHED WITH A DIALER, APPLICABLE AMOUNT OF RJ31X PHONE JACKS MUST BE INSTALLED WITHIN 3 FEET OF THE MAIN FIRE ALARM CONTROL UNIT. THESE PHONE LINES MUST BE CONNECTED BEFORE ALL BUILDING PHONE EQUIPMENT (NO "9" PREFIX), AND SHOULD HAVE NO DIAL-OUT RESTRICTIONS. PROVIDE THE SIEMENS PROJECT MANAGER WITH A CUSTOMER EMERGENCY CALL LIST. IF MONITORING NOT PROVIDED BY SIEMENS, THEN FOLLOWING INFORMATION MUST ALSO BE OBTAINED PRIOR TO START UP: CENTRAL STATION ACCOUNT NUMBER, RECEIVER PHONE NUMBERS, CENTRAL STATION VOICE LINE NUMBER, AND ALARM COMPANY PHONE NUMBER.

☐ CHECK HERE IF NOT APPLICABLE

CHECK FIELD WIRING WITH AN OHM METER:

ALL FIRE ALARM CIRCUITS SHOULD BE COMPLETED AND TESTED BEFORE THE ARRIVAL OF THE FIRE ALARM AUTHORIZED PERSONNEL. CIRCUITS MUST BE FREE OF OPENS, SHORTS, AND GROUND FAULTS BEFORE BEING CONNECTED TO THE SYSTEM. CIRCUITS SHOULD HAVE END OF LINE RESISTORS INSTALLED BEFORE TESTING THEM. A WRITTEN CONFIRMATION SHALL BE PROVIDE TO SIEMENS BY THE INSTALLER ACKNOWLEDGING ALL CIRCUITS HAVE BEEN TESTED. ADHERENCE TO THIS PRACTICE WILL SAVE TIME AND MONEY FOR ALL CONCERNED PARTIES. IF IT IS A NAC CIRCUIT, THE RESISTOR IS WITH THE EQUIPMENT THAT CONTROLS THAT CIRCUIT.

A GROUND FAULT IS A CONDUCTOR THAT IS CONNECTED TO GROUND. THEY CAN OCCUR FROM SKINNED INSULATION OR INTERNAL DEVICE FAILURES. FIRE ALARM SYSTEMS MONITOR BOTH THE POSITIVE AND NEGATIVE CONDUCTORS FOR SHORTS TO GROUND. SHORTS CAN BE DETECTED BY USING A CONTINUITY DETECTOR OR AN OHMMETER. SIMPLY CONNECT ONE LEAD OF YOUR METER TO A GOOD GROUND SOURCE AND THE OTHER TO THE CONDUCTOR YOU ARE TRYING TO TEST. THE METER SHOULD GIVE AN INDICATION OF AN OPEN IF THE CIRCUIT IF FREE FROM A FAULT. MEG OHM GROUND FAULTS MAY INDICATE THE PRESENCE OF WATER IN CONTACT WITH SYSTEM WIRING. ALL SYSTEM FIELD WIRING MUST BE FREE OF GROUNDS AND SHORTS, BEFORE THE START UP.

☐ MEASURE EACH CONDUCTOR OF THE ADDRESSABLE LOOP (SLC) TO GROUND, CONDUCTOR TO CONDUCTOR, CONDUCTOR TO SHIELD, AND SHIELD TO EARTH. THE RESISTANCE SHOULD BE GREATER THAN 1 MEGA OHM. NOTE LINE TO LINE MEASUREMENTS REQUIRE ONE END OF THE PAIR TO BE SHORTED. STRAY VOLTAGES SHOULD BE LESS THAN 1 VDC/AC. RECORD THE READINGS.

☐ MEASURE EACH CONDUCTOR OF THE NOTIFICATION APPLIANCE CIRCUIT (NAC) TO GROUND, AND CONDUCTOR TO CONDUCTOR. THE RESISTANCE SHOULD BE GREATER THAN 1 MEGA OHM, WITHOUT THE END OF LINE RESISTOR. STRAY VOLTAGES SHOULD BE LESS THAN 1 VDC/AC.

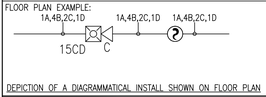
☐ MEASURE ACROSS THE CONDUCTORS OF A NOTIFICATION APPLIANCE CIRCUIT(NAC), YOUR READING SHOULD BE EQUIVALENT TO THE VALUE OF THE END OF LINE RESISTOR INSTALLED AT THE LAST DEVICE.

IF THE MEASUREMENTS ARE NOT WITHIN THE ACCEPTABLE VALUES, THEN THE CIRCUIT WIRING HAS A SHORT, OPEN, OR GROUND FAULT, AND IS NOT READY FOR START UP!

DEVICE CONDUIT WIRING GUIDELINE

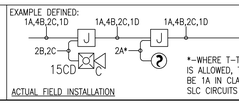
INSTALLATION GUIDELINES: DEVICE BACKBOXES SHOULD NOT CONTAIN WIRE THAT DOES NOT SERVE ITS ASSOCIATED DEVICE. TO PREVENT BACKBOX OVERFILL & IMPROPER DEVICE INSTALL, ALL EFFORTS MUST BE MADE TO PREVENT UNNECESSARY WIRE FILL WITHIN DEVICE BACKBOXES. MOUNTING SPECIFICATIONS INDICATED WITHIN THE EQUIPMENT & DEVICE LEGEND ARE MINIMUM RECOMMENDATIONS. JUNCTION BOXES, EXTENSION RINGS, ETC. MUST BE INSTALLED AS NEEDED AND AS FIELD CONDITIONS DICTATE.

FLOOR PLAN EXAMPLE:



DEPICTION OF A DIAGRAMMATICAL INSTALL SHOWN ON FLOOR PLAN

EXAMPLE DEFINED:



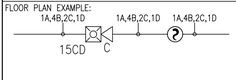
ACTUAL FIELD INSTALLATION

*-WHERE T-TAPPING IS ALLOWED, THIS CAN BE 1A IN CLASS B SLC CIRCUITS

DEVICE OPEN-CABLE WIRING GUIDELINE

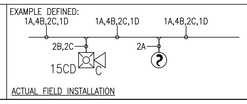
INSTALLATION GUIDELINES: DEVICE BACKBOXES SHOULD NOT CONTAIN WIRE THAT DOES NOT SERVE ITS ASSOCIATED DEVICE. TO PREVENT BACKBOX OVERFILL & IMPROPER DEVICE INSTALL, ALL EFFORTS MUST BE MADE TO PREVENT UNNECESSARY WIRE FILL WITHIN DEVICE BACKBOXES. MOUNTING SPECIFICATIONS INDICATED WITHIN THE EQUIPMENT & DEVICE LEGEND ARE MINIMUM RECOMMENDATIONS. JUNCTION BOXES, EXTENSION RINGS, ETC. MUST BE INSTALLED AS NEEDED AND AS FIELD CONDITIONS DICTATE.

FLOOR PLAN EXAMPLE:



DEPICTION OF A DIAGRAMMATICAL INSTALL SHOWN ON FLOOR PLAN

EXAMPLE DEFINED:



ACTUAL FIELD INSTALLATION

SCOPE OF WORK

THIS PROJECT IS BEING SUBMITTED AS A CODE COMPLIANT FIRE ALARM SYSTEM WITH SPRINKLER MONITORING AND NOTIFICATION. INSTALL NEW MAIN FIRE ALARM CONTROL PANEL, FIRE ALARM ANNUNCIATOR, NOTIFICATION APPLIANCES, MANUAL AND AUTOMATIC INITIATING DEVICES AND MONITORING / CONTROL INTERFACE DEVICES AS INDICATED WITHIN THIS SUBMITTAL PACKAGE. UPON COMPLETION A COMPLETE PRETEST SHALL BE PERFORMED TO VERIFY FUNCTIONALITY. IF THE FUNCTIONALITY IS COMPLETE THEN THE PROPER DOCUMENTATION SHALL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION PRIOR TO SCHEDULING A FINAL INSPECTION.

THIS PROJECT INCLUDES THE FOLLOWING:
- FIRE ALARM CONTROL PANEL
- FIRE ALARM CONTROL PANEL & TRANSPONDERS
- NOTIFICATION POWER SUPPLY (NAC)
- ANCILLARY POWER SUPPLY (DOOR HOLDERS)

- REMOTE ANNUNCIATION
- MONITORING OF SPRINKLER SYSTEM ACTIVATION AND SUPERVISORY SWITCHES
- INTERFACE WITH ELEVATOR CONTROLS- PRI-RECALL, ALT-RECALL, FIREMAN'S HAT
- INTERFACE WITH ELEVATOR SHUNT TRIP AND MONITORING SHUNT POWER
- INTERFACE WITH ACCESS CONTROL SYSTEM
- MANUAL PULL STATIONS
- CENTRAL STATION DIALER/COMMUNICATOR
- AUDIBLE/VISUAL NOTIFICATION
- SMOKE DETECTION
- CARBON MONOXIDE DETECTION AT LOCATIONS OF FUEL BURNING APPLIANCES

CABLE LEGEND

LTR	DESCRIPTION	AWG	# OF COND	SHIELD
A	(SLC) ADDRESSABLE LOOP	16	2	Y/N
P	24VDC POWER	14	2	NO
V	(NAC) VISUAL & HORN/VISUAL CIRCUIT	14	2	NO
Z	(IDC) CONVENTIONAL ZONE CIRCUIT	16	2	NO
AN	(SLC) ANNUNCIATOR COMMUNICATION CIRCUIT	16	2	NO

CIRCUIT INFORMATION

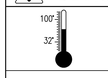
INITIATING DEVICE CIRCUIT (IDC):	CLASS B
SIGNALING LINE CIRCUIT (SLC):	CLASS B
NOTIFICATION APPLIANCE CIRCUITS (NAC):	CLASS B

CONDUIT WIRE FILL CHART

	ELECTRICAL METALLIC CONDUIT		FLEXIBLE METALLIC CONDUIT		RIGID METALLIC CONDUIT		FLEXIBLE LIQUIDTIGHT METALLIC CONDUIT	
CONDUIT TRADE SIZE	INTERNAL DIAMETER	*MAXIMUM FILL-40%	INTERNAL DIAMETER	*MAXIMUM FILL-40%	INTERNAL DIAMETER	*MAXIMUM FILL-40%	INTERNAL DIAMETER	*MAXIMUM FILL-40%
3/4"	0.8240	0.2130	0.8240	0.2130	0.8360	0.2200	0.8300	0.2160
1"	1.0490	0.3460	1.0200	0.3270	1.0630	0.3550	1.0540	0.3490
1 1/4"	1.3800	0.5980	1.2750	0.5110	1.3940	0.6100	1.3950	0.6110
1 1/2"	1.6100	0.8140	1.5380	0.7430	1.6240	0.8290	1.5880	0.7920
2"	2.0670	1.3420	2.0400	1.3070	2.0830	1.3630	2.0330	1.2980

* UNIT MEASUREMENTS INDICATED UNDER 40% MAXIMUM FILL REPRESENT SQUARE INCHES.
FOR REFERENCE ONLY - RECOMMENDATION FOR CONDUIT SIZE PER N.E.C.

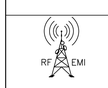
⚠ DEVICE INSTALLATION/OPERATING GUIDELINES ⚠



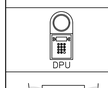
THE UL LISTED OPERATING TEMPERATURE RANGE FOR ALL ADDRESSABLE DEVICES IS FROM 32°F (0°C) TO 100°F (38°C). IF A DEVICE IS SHOWN IN AN AREA WHICH MAY EXPERIENCE EXTREME COLD OR HEAT, CONTACT YOUR SIEMENS REPRESENTATIVE.



FIRE ALARM EQUIPMENT SHALL NOT BE STORED OR INSTALLED IN AREAS EXPOSED TO THE ELEMENTS EXCEEDING NORMAL OPERATING CONDITIONS. LISTED WEATHERPROOF DEVICES MAY BE INSTALLED AT EXTERIOR LOCATIONS PER MANUFACTURER INSTRUCTIONS. ALL OTHER DEVICES NOT SPECIFICALLY LISTED AS WEATHERPROOF MUST BE INSTALLED IN SUITABLE LOCATIONS OR LISTED NEMA ENCLOSURES APPLICABLE FOR THE ANTICIPATED ENVIRONMENT AND DEVICES TO BE INSTALLED.



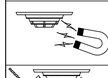
THE INSTALLATION OF A FIRE ALARM SYSTEM AND ANY FIRE ALARM EQUIPMENT SHOULD NOT BE INSTALLED NEXT TO OR WITHIN CLOSE PROXIMITY OF ANY RADIO FREQUENCY EQUIPMENT (EMI, RF, MF, HIGH OUTPUT, ETC.). SUCH INSTALLATION CONDITIONS MAY CAUSE UNDESIRABLE EFFECTS TO THE SYSTEM SUCH AS INTERMITTENT FAULTS, IMPROPER SYSTEM OPERATIONS, FALSE ALARMS, ETC.



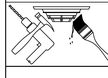
ENSURE EACH ADDRESSABLE DEVICE HAS BEEN PROPERLY PROGRAMMED PRIOR TO ITS INSTALLATION. DO NOT TERMINATE WIRES ONTO ADDRESSABLE DEVICES BEFORE IT HAS BEEN PROGRAMMED.



ALL INITIATING DEVICES (DETECTORS, PULL STATIONS, ETC.) AND NOTIFICATION APPLIANCES (HORNS, STROBES, ETC.) MUST BE INSTALLED WITH BACKBOXES. THE EQUIPMENT SHOULD NEVER BE SUPPORTED WITH THE CIRCUIT WIRES.



THE USE OF MAGNETS FOR THE PURPOSE OF TESTING DETECTORS FOR INITIATION OF AN ALARM IS STRICTLY PROHIBITED. TESTING WITH A MAGNET DOES NOT SATISFY NFPA 72 TEST METHOD REQUIREMENT OF 'SMOKE ENTRY INTO THE SENSING CHAMBER', AND MAY CAUSE UNDESIRABLE EFFECTS TO THE DETECTOR.



THE PAINTING OR MODIFYING OF ANY FIRE ALARM EQUIPMENT IS STRICTLY PROHIBITED AND SHOULD NOT BE PERFORMED UNDER ANY CIRCUMSTANCES.

Sheet List Table

Sheet Number	Sheet Title
FA0.01	SYSTEM INFORMATION, NOTES, LEGENDS
FA0.02	SYSTEM INFORMATION, NOTES, LEGENDS
FA1.00	SITE FLOOR PLAN
FA2.01	SYSTEM RISER DIAGRAM
FA3.01	CONTROL PANEL LAYOUT
FA4.01	SYSTEM CALCULATIONS
FA5.01	DEVICE MOUNTING & WIRING DETAILS
FA5.02	DEVICE MOUNTING & WIRING DETAILS
FA6.01	DEVICE SCHEDULE

ENGINEER OF RECORD INFORMATION

NAME:	BCCLT CONSULTING ENGINEERS
ADDRESS:	9100 MARKSFIELD RD SUITE 200 LOUISVILLE, KY 40222
CONTACT PERSON:	N/A
PHONE #:	(502)708-1860

CONTRACTOR INFORMATION

CONTRACTOR:	WARREN ELECTRIC INC
ADDRESS:	327 E CALDWELL ST LOUISVILLE, KY 40203
CONTRACTOR JOB #:	N/A
CONTACT PERSON:	N/A
PHONE #:	(502)584-0360

BUILDING/PROJECT INFORMATION

BUILDING OCCUPANCY:	B
SPRINKLERS:	YES
NUMBER OF STORIES:	2
SQUARE FOOTAGE OF PROJECT:	ESTIMATED 12442 SQ. FT.
OCCUPANT LOAD:	123 PERSONS

APPROVAL STAMPS

ABOUBACAR TRAORE
FIRE ALARM SYSTEMS
NICET-LEVEL4 CERT:148437
(513) 742-5590
SIGNATURE: aboubacar traore

AGENCY REFERENCE:
.

REV NO.	DATE	REMARKS	INTL
00	08/28/24	INITIAL SUBMISSION	AT

DRAWN: AT
CHECKED: .

SHEET DESCRIPTION:
FIRE ALARM SYSTEM
SYSTEM INFORMATION, NOTES, LEGENDS

JOB NUMBER:

PROJECT NAME \ ADDRESS:

DRAWING NUMBER: **FA0.01**

SHEET SIZE: ARCH E1 - 30x42