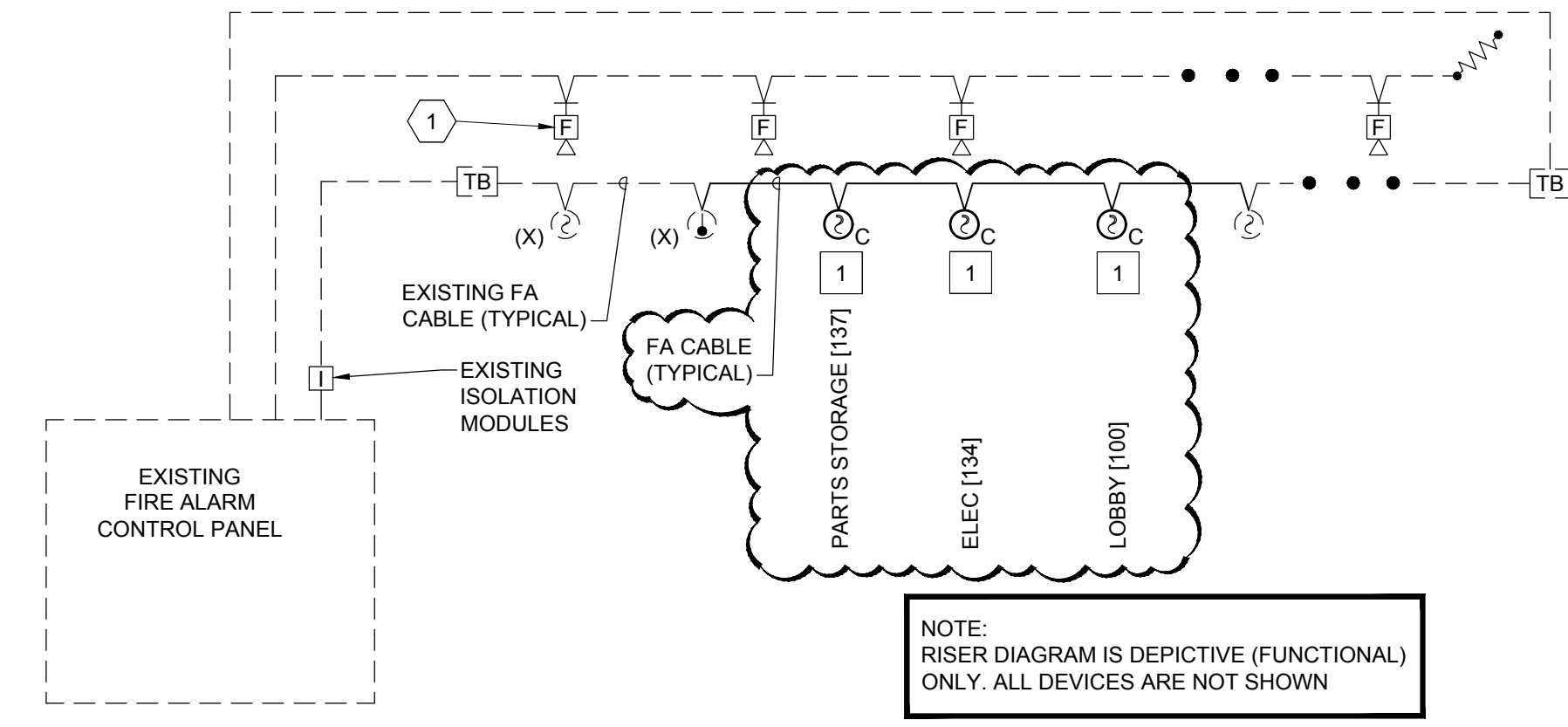


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3 FIRE ALARM RISER DIAGRAM
NOT TO SCALE

FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
FACP	EXISTING FIRE ALARM CONTROL PANEL (FACP)
FA REMOTE ANN	EXISTING FIRE ALARM REMOTE ANNUNCIATOR PANEL
F	EXISTING FIRE ALARM MANUAL STATION, 48" AFF
H/S	EXISTING FIRE ALARM HORN/STROBE DEVICE, 80" AFF, "15cd" INDICATES CANDELA RATING
HD	EXISTING HEAT DETECTOR, CEILING MOUNTED
SD	EXISTING SMOKE DETECTOR, CEILING MOUNTED
CD	CARBON MONOXIDE DETECTOR, CEILING MOUNTED
(X)	INDICATES EXISTING EQUIPMENT

(SYMBOLS SHOWN FOR REFERENCE ONLY AND MAY NOT IMPLY CONTRACTUAL REQUIREMENTS)

DEMOLITION KEYED NOTES

1 NO WORK: EXISTING FA EQUIPMENT / EXISTING FA DEVICES IN AREA OF CONSTRUCTION MUST REMAIN PROTECTED IN PLACE DURING DEMOLITION AND CONSTRUCTION.

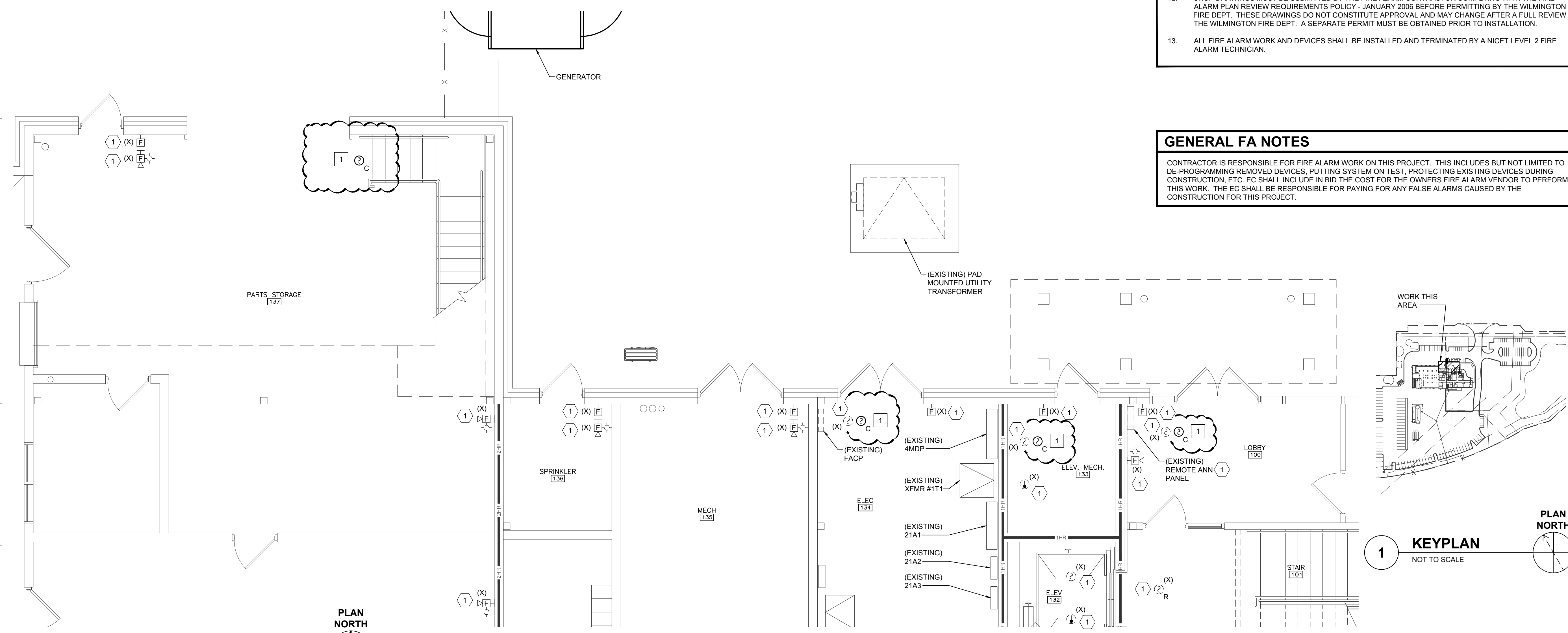
KEYED NOTES

1 CARBON MONOXIDE DETECTOR: PROVIDE AND INSTALL DETECTOR IN LOCATION INDICATED ON PLAN. PROVIDE CONDUIT AND FA CABLE AS REQUIRED TO MOUNT DEVICE IN LOCATIONS INDICATED.

- MANUAL FIRE ALARM SYSTEM NOTES**
- AS A MINIMUM THE FIRE ALARM SYSTEM SHALL INCLUDE CARBON MONOXIDE DETECTOR WITH FIRE RATED CABLE. THE FIRE ALARM SYSTEM SHALL MEET NFPA REQUIREMENTS, THE NATIONAL ELECTRICAL CODE, THE STATE CODES, AND THE LOCAL BUILDING CODES.
 - THE CONTRACTOR SHALL FURNISH AND INSTALL ALL CABLE, MATERIALS AND EQUIPMENT AS SHOWN ON THE DRAWINGS OR HEREIN SPECIFIED. ALL SYSTEM COMPONENTS SPECIFIED HEREIN, AS WELL AS THEIR INSTALLATION, SHALL COMPLY WITH APPLICABLE STANDARDS OF THE NATIONAL ELECTRICAL CODE, NATIONAL FIRE PROTECTION ASSOCIATION, AND LOCAL CODES HAVING AUTHORITY. ALL EQUIPMENT SHALL BE UL LISTED FOR FIRE ALARM SYSTEM USE.
 - THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SHALL BE INSTALLED AND CONNECTED UNDER THE DIRECTION AND SUPERVISION OF A MANUFACTURER'S REPRESENTATIVE. UPON COMPLETION OF INSTALLATION, THE MANUFACTURER'S REPRESENTATIVE SHALL PERFORM ALL OPERATIONAL TESTS AND ADJUSTMENTS AND CERTIFY IN WRITING THAT THE SYSTEM IS PROPERLY INSTALLED AND FUNCTIONS AS SPECIFIED.
 - ALL WIRING SHALL BE SYSTEM OR UL LISTED FIRE RATED CABLE AND COLOR CODED TO ALLOW EASE OF IDENTIFICATION OF THE DIFFERENT CIRCUITRY REQUIRED FOR THE SYSTEM. NO CIRCUIT SHALL CHANGE COLOR AT ANY POINT END TO END.
 - THE MANUFACTURER'S AUTHORIZED REPRESENTATIVE SHALL PROVIDE SUPERVISION OF FINAL SYSTEM PANEL CONNECTIONS, PERFORM A COMPLETE FUNCTIONAL TEST OF THE SYSTEM, AND A WRITTEN REPORT TO THE CONTRACTOR ATTESTING THE PROPER OPERATION OF THE COMPLETED SYSTEM.
 - THE CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY FOR THE ALARM SYSTEM, ALONG WITH OTHER FORMS OR CERTIFICATE REQUIRED BY THE LOCAL JURISDICTION.
 - SYSTEM OPERATION
 - THE DEVICE FROM WHICH THE ALARM ORIGINATED SHALL BE INDICATED AT THE CONTROL PANEL, BOTH AUDIBLY AND VISUALLY. THE APPROPRIATE ALARM LED SHALL PULSE AND SHALL BE ILLUMINATED CONTINUOUSLY AFTER IT HAS BEEN ACKNOWLEDGED AT THE CONTROL PANEL.
 - ALL DEVICES SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM.
 - ALL WIRING SHALL BE INSTALLED IN COMPLIANCE WITH N.E.C., NFPA 72, ALL STATE AND LOCAL REQUIREMENTS AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 - SLEEVE AND SEAL ALL PENETRATIONS THROUGH FIRE WALLS.
 - WIRING SHALL BE A MINIMUM OF NO. 14 AWG UNLESS OTHERWISE NOTED.
 - ALL WORK PERFORMED AND ALL MATERIAL FURNISHED UNDER THIS CONTRACT SHALL BE FREE FROM DEFECTS AND SHALL REMAIN SO FOR A PERIOD OF AT LEAST ONE YEAR FROM THE DATE OF ACCEPTANCE.
 - SHOP DRAWINGS MUST BE SUBMITTED BY THE FIRE ALARM CONTRACTOR COMPLYING WITH THE FIRE ALARM PLAN REVIEW REQUIREMENTS POLICY - JANUARY 2006 BEFORE PERMITTING BY THE WILMINGTON FIRE DEPT. THESE DRAWINGS DO NOT CONSTITUTE APPROVAL AND MAY CHANGE AFTER A FULL REVIEW BY THE WILMINGTON FIRE DEPT. A SEPARATE PERMIT MUST BE OBTAINED PRIOR TO INSTALLATION.
 - ALL FIRE ALARM WORK AND DEVICES SHALL BE INSTALLED AND TERMINATED BY A NICET LEVEL 2 FIRE ALARM TECHNICIAN.

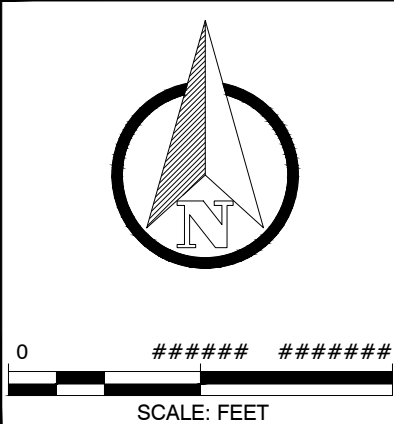
GENERAL FA NOTES

CONTRACTOR IS RESPONSIBLE FOR FIRE ALARM WORK ON THIS PROJECT. THIS INCLUDES BUT NOT LIMITED TO DE-PROGRAMMING REMOVED DEVICES, PUTTING SYSTEM ON TEST, PROTECTING EXISTING DEVICES DURING CONSTRUCTION, ETC. EC SHALL INCLUDE IN BID THE COST FOR THE OWNER'S FIRE ALARM VENDOR TO PERFORM THIS WORK. THE EC SHALL BE RESPONSIBLE FOR PAYING FOR ANY FALSE ALARMS CAUSED BY THE CONSTRUCTION FOR THIS PROJECT.



2 FLOOR PLAN- FIRE ALARM
1/4" = 1'-0"
0 2' 4' 8'

1 KEYPLAN
NOT TO SCALE



ARDURRA
ARDURRA GROUP NORTH CAROLINA
3809 Peachtree Avenue, Suite 102
Wilmington, North Carolina 28403
Phone: (910) 397-2929
www.ardurra.com
NC Firm License Number F-0113

CBHF
Engineers, PLLC
2246 Yaupon Drive
Wilmington, NC 28401
Phone: 910.791.4000
Fax: 910.791.5266
www.cbhfengineers.com
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NO.	DATE	ISSUED FOR CONSTRUCTION	BY
0	03.29.2022		

GENSET ENGINEERING SERVICES WAVE TRANSIT OPERATIONS AND MAINTENANCE CENTER
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY
CASTLE HAYNE ROAD WILMINGTON, NC 28401

MAIN BUILDING
GENERATOR ADDITION FIRE ALARM PLAN,
RISER, NOTES AND DETAILS

NORTH CAROLINA PROFESSIONAL ENGINEER
W. ALLEN CRIBB
SEAL 023311
03.29.2022

JOB NO: 2021-1162-00
DATE: 03.29.2022

F-101

ISSUED FOR CONSTRUCTION
03.29.2022