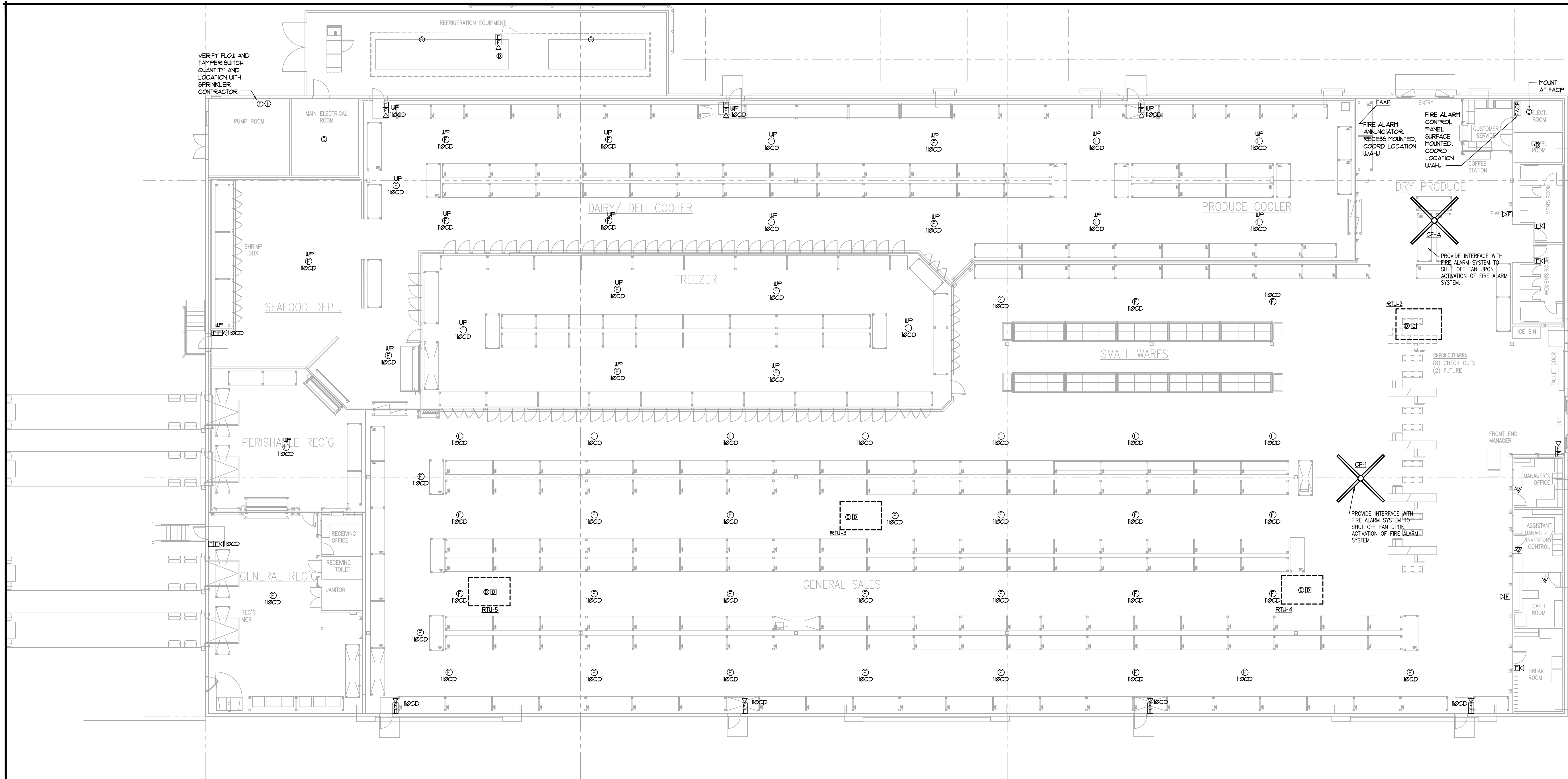




1 FLOOR PLAN - FIRE ALARM -ELECTRICAL
E1.03 3/32"-1'-0"

FIRE ALARM RISER GENERAL NOTES

1. ALL FIRE ALARM DEVICES SHALL BE ADA APPROVED. COORDINATE COLOR WITH ARCHITECT AND AHJ. PROVIDE POWER AMPLIFIERS REQUIRED FOR INSTALLATION OF ADA APPROVED DEVICES.
2. ALL FIRE ALARM DEVICES, INCLUDING SPEAKERS, VISUALS, SMOKE DETECTORS, ETC., SHALL BE CONNECTED TO THE FIRE ALARM SYSTEM BY A LICENSED FIRE ALARM CONTRACTOR. COORDINATE CONNECTIONS WITH SYSTEM MANUFACTURER.
3. ALL DEVICES SHALL BE 110 CANDELA, UNLESS OTHERWISE NOTED.
4. THE ENTIRE LENS OF WALL MOUNTED VISUAL FIRE ALARM DEVICES SHALL BE MOUNTED AT LEAST 80" AFF.
5. COORDINATE FIRE ALARM SYSTEM SHUTDOWNS AND REPROGRAMMING WITH LANDLORD.
6. ALL FIRE ALARM DEVICES SHALL BE WHITE UNLESS OTHERWISE NOTED OR REQUIRED.
7. EVACUATION SIGNAL SHALL BE 3 PULSE TEMPORAL.
8. PROVIDE ALL PROGRAMMING REQUIRED TO MAKE THE DEVICES FUNCTIONAL AND ANY PROGRAMMING OR EQUIPMENT REQUIRED TO MAKE ALL OF THE VISIBLE NOTIFICATION APPLIANCES ON THE ENTIRE FLOOR FLASH IN SYNCHRONIZATION.

SEQUENCE OF OPERATION

UPON CHANGE IN STATUS OF ANY DEVICE ON THE SYSTEM, THE FIRE ALARM CONTROL PANEL SHALL ACTIVATE AUDIBLE AND VISIBLE CHANGE INDICATORS AND DISPLAY THE SYSTEM POINT NUMBER, POINT DESCRIPTION, AND MESSAGE ASSOCIATED WITH THE POINT.

ACTIVATION OF ANY MANUAL STATION, KITCHEN HOOD EXTINGUISHING SYSTEM, WATERFLOW DEVICE, SMOKE DETECTOR, HEAT DETECTOR, SUPERVISORY DEVICE OR OTHER INITIATING DEVICE WILL CAUSE THE FOLLOWING FUNCTIONS TO OCCUR:

MANUAL STATION OPERATION SHALL:

- *ACTIVATE AUDIBLE AND VISIBLE STATUS CHANGE INDICATORS AND DISPLAY THE SYSTEM POINT NUMBER, POINT DESCRIPTION, AND ANY MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
- *TRANSMIT AN ALARM SIGNAL TO A UL LISTED SIGNAL STATION.
- *ACTIVATE THE AUDIBLE AND VISIBLE NOTIFICATION APPLIANCES ON THE FLOOR.
- *RELEASE THE DOOR LOCKING SYSTEM.

WATERFLOW SWITCH OPERATION SHALL:

- *ACTIVATE AUDIBLE AND VISIBLE STATUS CHANGE INDICATORS AND DISPLAY THE SYSTEM POINT NUMBER, POINT DESCRIPTION, AND ANY MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
- *TRANSMIT AN ALARM SIGNAL TO A UL LISTED SIGNAL STATION.
- *ACTIVATE THE AUDIBLE AND VISIBLE NOTIFICATION APPLIANCES ON THE FLOOR.

SMOKE DETECTOR OR HEAT DETECTOR OPERATION SHALL:

- *ACTIVATE AUDIBLE AND VISIBLE STATUS CHANGE INDICATORS AND DISPLAY THE SYSTEM POINT NUMBER, POINT DESCRIPTION, AND ANY MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
- *TRANSMIT AN ALARM SIGNAL TO A UL LISTED SIGNAL STATION.
- *ACTIVATE THE AUDIBLE AND VISIBLE NOTIFICATION APPLIANCES ON THE FLOOR.
- *SHUT DOWN AHU'S.

DUCT SMOKE DETECTOR ACTIVATION SHALL:

- *ACTIVATE AUDIBLE AND VISIBLE STATUS CHANGE INDICATORS AND DISPLAY THE SYSTEM POINT NUMBER, POINT DESCRIPTION, AND ANY MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
- *TRANSMIT SUPERVISORY SIGNAL TO A UL LISTED SIGNAL STATION.
- *SHUT DOWN AHU'S.

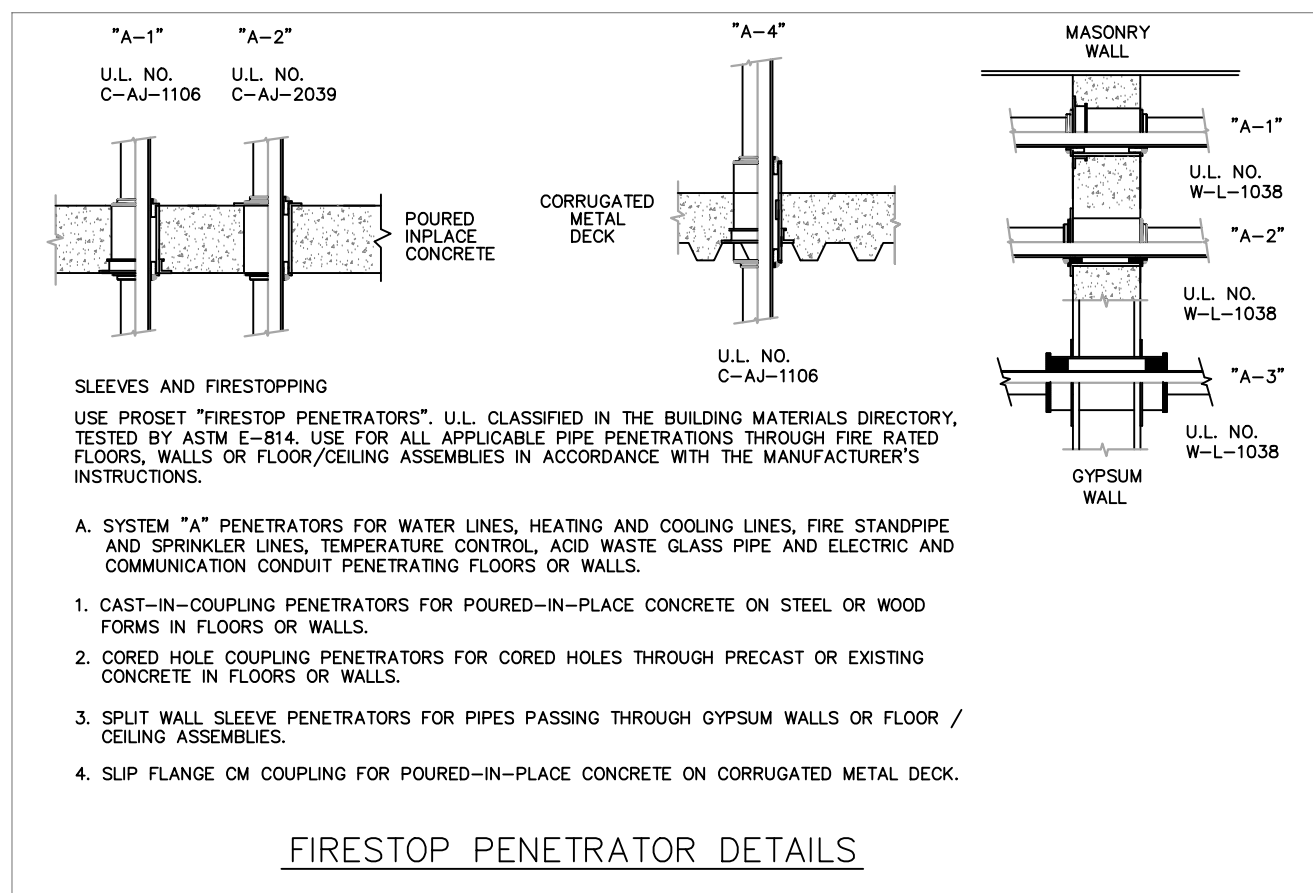
SUPERVISORY DEVICE ACTIVATION, INCLUDING VALVE SUPERVISORY DEVICES SHALL:

- *ACTIVATE AUDIBLE AND VISIBLE STATUS CHANGE INDICATORS AND DISPLAY THE SYSTEM POINT NUMBER, POINT DESCRIPTION, AND ANY MESSAGE ASSOCIATED WITH THE POINT ON THE PANEL.
- *TRANSMIT SUPERVISORY SIGNAL TO A UL LISTED SIGNAL STATION. THIS SIGNAL SHALL BE DISTINCTLY DIFFERENT THAN A TROUBLE SIGNAL.

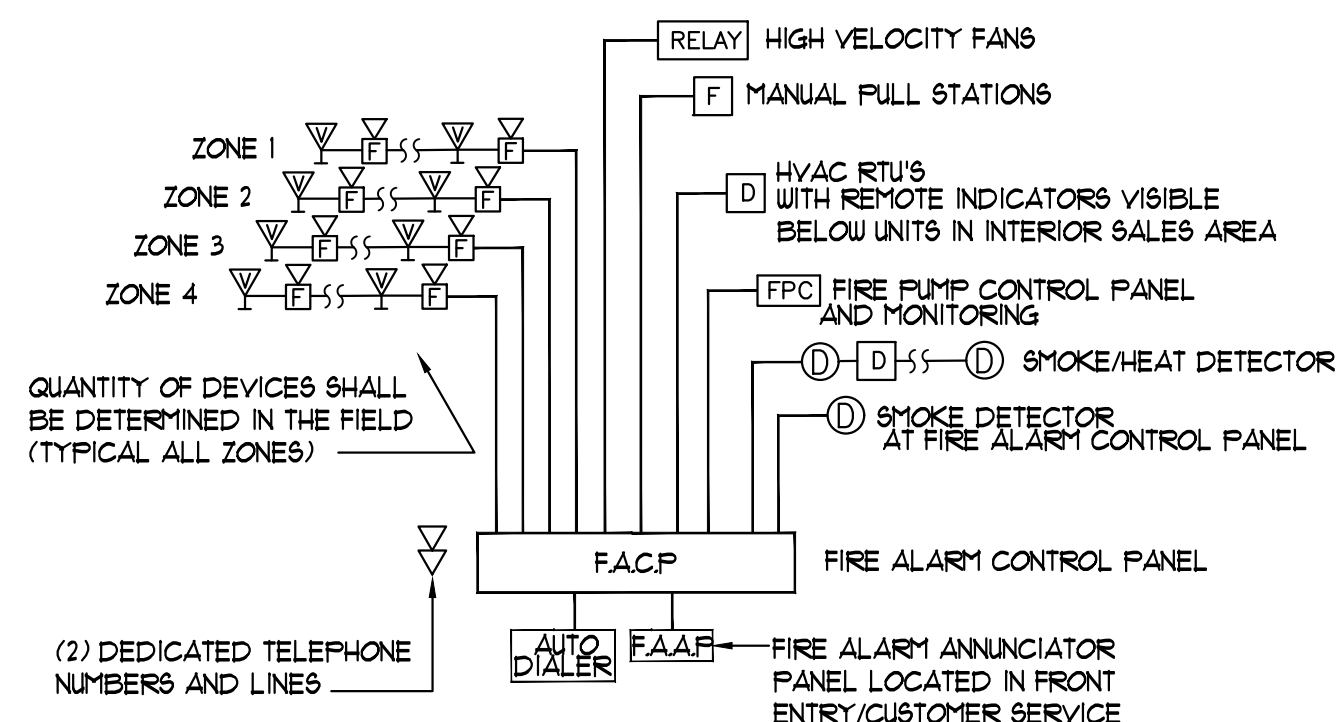
REMOVAL OF ANY DEVICE, WIRING DISARRANGEMENT, OR SYSTEM COMPONENT FAILURE SHALL DISPLAY ON THE OPERATOR TERMINAL, THE CHANGE OF STATUS, TIME, DATE, POINT DESCRIPTION ON A POINT BY POINT BASIS, AND THE MESSAGE ASSOCIATED WITH THE POINT AND TRANSMIT A TROUBLE SIGNAL TO A UL LISTED CENTRAL STATION.

FIRE ALARM GENERAL NOTES

1. ALL DEVICES SHALL BE CONSIDERED NEW UNLESS NOTED OTHERWISE.
2. COORDINATE ALL DEVICE LOCATIONS WITH THE AHJ, SECURITY VENDOR, ARCHITECT, OWNERS REPRESENTATIVE, EQUIPMENT, & MILLWORK.
3. PROVIDE WATERPROOF DEVICES, CONNECTIONS, ETC. IN AREAS SUBJECT TO SPRAY DURING CLEANING (COOLERS, FREEZERS, ETC.)
4. RACEWAYS EXPOSED TO DIFFERENT TEMPERATURES SHALL BE SEALED PER NEC 300.7.
5. ELECTRICAL CONTRACTOR SHALL PROVIDE FIRE ALARM SUBMITTAL PLANS PREPARED BY A LICENSED FIRE ALARM CONTRACTOR WITH COMPLETE INFORMATION REGARDING THE SYSTEM INCLUDING SPECIFICATIONS, TYPE OF SYSTEM OR SERVICE, SHOP DRAWINGS, INPUT/OUTPUT MATRIX, BATTERY CALCULATIONS, AND NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROP CALCULATIONS. COORDINATE WITH OWNERS REPRESENTATIVE FOR APPROVED FIRE ALARM CONTRACTORS.



FIRESTOP PENETRATOR DETAILS



2 FIRE ALARM SYSTEM RISER
E1.03 NO SCALE

LIFE SAFETY SYMBOL LEGEND
(SYSTEM AND DEVICES PROVIDED BY OTHERS)

SYMBOL	DESCRIPTION	ON CENTER MTG. HT.
	FIRE ALARM CONTROL PANEL (PROVIDE 120 VOLT POWER)	
	FIRE ALARM ANNUNCIATOR PANEL (PROVIDE 120 VOLT POWER)	
	FIRE ALARM AID APPROVED AUDIO/VISUAL ALARM	80" AFF.
	FIRE ALARM AID APPROVED VISUAL ALARM - WALL MOUNTED	80" AFF.
	FIRE ALARM SMOKE DETECTOR - WALL/CEILING MT.	12"BC
	FIRE ALARM PULL STATION	48" AFF.
	CEILING MOUNTED FIRE ALARM HORN/STROBE	12"BC
	DUCT MOUNTED SMOKE DETECTOR	
	FIRE ALARM HEAT DETECTOR	
	SMOKE DETECTOR OR DUCT MOUNTED SMOKE DETECTOR IN RETURN AIR PATH PER NFPA.	
	FIRE ALARM CONNECTION TO SPRINKLER FLOW AND TAMPER SWITCH	
	FIRE ALARM BELL/HORN	

THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL RACEWAYS, CONDUITS, ETC. ASSOCIATED WITH THE FIRE ALARM SYSTEM. COORDINATE WITH THE FIRE ALARM VENDOR. FIRE ALARM CONDUITS SHALL BE A SEPARATE CONDUIT RUN FROM THE COMMUNICATIONS AND SECURITY CONDUITS.



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BREWSTER, NY 10509

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REVISIONS

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**FLOOR PLAN -
FIRE ALARM -
- ELECTRICAL**

DATE: 9/10/2020

JOB NO. 19230

E1.03

SHEET NO.