



CITY OF PROVIDENCE, RHODE ISLAND

Department: Public Property

RFP Title: HVAC and Electrical Upgrades at Two Fire Stations

Opening Date: 11 Aug 2026

Addendum #: 4

Issuing Date: 6 Aug 2026

The purpose of this addendum is:

The purpose of this addendum is to respond to bidder questions. See the attached PDF for City responses.

City of Providence – HVAC and Electrical Upgrades at Two Fire Stations

Addendum #4 – Responses to Bidder Questions

8/6/26

The City has received several questions from prospective bidders on the project to upgrade the HVAC and electrical equipment at the Branch Ave and North Main St fire stations.

Below are the responses from the City:

- 1) Are the Architectural drawings mentioned in the Plans available?

A: Basic floor plans developed during the fire station building evaluations are attached for bidder information.

- 2) Is there a RCP ?

A: No, there is not an RCP as part of the drawing package. The mechanical contractor shall be responsible for fitment of all mechanical equipment.

- 3) What are the dimensions of the Generator Pads?

A: Both generator pads are nominally 8 ft by 4 ft, though the actual dimension is approximately ½ inch less resulting in a usable surface of approximately 95.5” x 47.5”.

- 4) Where are the Bollards being used?

A: Bollards will only be needed to protect new outdoor electric service equipment. Bollard installation to be coordinated with RI Energy as part of the installation of the new transformer and switchgear at North Main St and new pole mounted transformer at Branch Ave.

Please note that new fencing is required at both the Branch Ave. and North Main locations for the generator enclosure due to the new generator’s increased length. It is the intention of the construction documents for the contractor to provide the new fencing.

- 5) Where is the location of the generator annunciators?

A: Neither existing generator currently has a remote annunciator panel. The annunciator panels are located on the generators themselves, photos attached. New annunciators for the new generator shall be located adjacent to the existing fire alarm control panel as noted on the generator control wiring schedule.

6) What is the make and model of the existing fire alarm systems?

A: The Branch Ave station fire alarm system is an FCI SBP Series 4 Zone panel, per information provided by Encore Fire Protection, who hold the service contract for our alarm systems. North Main St uses a Fire Lite ES-200X. Photos of the system at North Main St attached.

7) What is the make, model, and AIC rating of the ATS, existing to remain and retest, in North Main St.?

A: The City has confirmed with our generator service firm, FM Generator, that both stations use the same model ATS: Asco 300 Series 260A 208V. 200kA AIC Rating from factory. The note "Existing to remain and retest" at North Main was a placeholder in case the service was upgraded prior to this project (as with the confusion in the note in the following question.) The ATS's should only remain if they can handle the higher loads of the new generator, otherwise they should be replaced with a higher capacity model.

8) What is note 1, E501, North Main St.? Is there a new service design that is not in the bid documents? Is it part of this bid? Please include make and model of MDP for pricing of new breakers? Does MDP panel have provisions for the new breakers?

A: Note 1 on Sheet 501 is in error, the new electric service connection and MDP for N Main St station have not yet been installed and will be installed as part of this project. Originally there had been discussions about completing that work as part of the project to move Air Supply to the station, but it was determined it made more sense to perform that work as part of our larger HVAC upgrade project. Contractors will be responsible for the new MDP, while Rhode Island Energy will install the new 600A pad-mount transformer and switchgear at N Main St. Coordination between RIE, the winning contractor, and the City will be vital to ensure a smooth installation of the new electrical service.

9) Will arc fault studies be needed?

A: The City's design team at Creative provided the following response: Power System Studies are not required for this project. The electrical contractor shall provide AIC ratings per the construction documents.

10) Are there branch controllers for the HVAC units?

A: The City's design team at Creative provided the following response: The system was designed without branch controllers, so if the basis of design equipment is

ordered none will be needed. Alternate manufacturers may need them if bidders choose to propose alternates.

11) Where are the DDC panels for the HVAC controls?

A: The City's design team at Creative provided the following response: Plan for control panels to be in the equipment bay at the occupied end.

12) Will permit fees be waved?

A: Yes, while contractors are responsible for securing necessary permits, the fees for those permits will be waived for this City project.

13) What is the duration of this project?

A: This project is anticipated to take approximately one year. While actual on-site demo and construction work should take significantly less than that, it is understood that coordination with RI energy, equipment lead time, and ensuring the work doesn't excessively disrupt Fire Department operations may all contribute to the project length, so our goal is to complete the new work prior to next winter.

14) Please confirm that the bidding plan sets for bidding are:

- Branch Ave Fire Station - HVAC & Electrical Upgrades dated 3/13/25
- North Main Street Fire Stations - HVAC & Electrical Upgrades dated 3/13/26

Please confirm that drawing set provided with Addendum 3, (North Main Fire Station Electrical Upgrade dated 2/28/25) is for informational purposes and that there is no scope on this plan set

A: Confirmed, the drawings are provided for information as the work to add the air supply equipment to North Main St station was already performed by Andre Gill Engineering and East Bay Power. These drawings are provided for awareness of the work, not additions to the scope.

15) Is the intention for the rental generators to provide prime power for the buildings or just as standby while the new generators are being set up ?

A: Both fire stations shall be powered at all times. The electrical contractor shall utilize the rental generators for the set-up of the new electric services and new generators/ATSS at both locations.

16) Can you provide a contact for Cummins (generator). I was unable to get Cummins to respond to RFP. Please review proposed alternate:

- **Engine Model:** Perkins 1106D-E70TAG4 180kW Standby Power Rating at 1800 RPM Governor - Electronic Isochronous
- **Voltage:** 208/120V 3 Phase 60 Hz 0.8 PF
- **Gen Model:** Stamford UCI274H 12 Lead Wired 208V 3 Phase Low Wye 125°C Rise Over 40°C Ambient
- **Voltage Regulator:** Stamford AS440 Automatic Voltage Regulator
- **Control Panel:** Blue Star DCP7310 Microprocessor Based Gen-Set Controller Mounted Facing Left from Generator End (Unless Specified Otherwise) Standard Features: Low Oil Pressure, High Coolant Temp, Overspeed, Overcrank Shutdowns Emergency Stop Pushbutton, Audible Alarm Buzzer with Silencing Switch
- **Control Panel Options:** Low Water Level Sensor with Shutdown Break Glass E-Stop Station - Send Loose
- **Remote Annunciator:** Deep Sea DSE2548 (2x) Remote Annunciator with Enclosure (Surface Mounted)
- **Unit Color:** Gray
- **Enclosure:** Level 2 (Weather Proof with Foam) Powder Coated 14 Gauge Steel Rugged and Durable 200 MPH Wind Rated Pitched Roof for Increased Structural Integrity and Improved Watershed Punched Intake with Baffle and Punched Exhaust Openings Keyed Alike Lockable Doors with Draw Down Latches and Stainless Steel Component Hinges Additional 1.5" Thick Polydamp Type D Acoustical Foam (PAF) Formed Steel Base with Mounting and Lifting Holes Includes Vibration Mounts to Isolate Unit from Base Rail
- **Sound Attenuation Foam:** Sound Attenuation Installed in Enclosure
- **Cooling:** Unit Mounted Radiator (50°C Ambient)
- **Coolant Drain Extension:** Plumbed to Bulkhead Fitting in Base
- **Oil Drain Extension:** Plumbed to Bulkhead Fitting in Base
- **Mainline Breaker:** 600 Amp 3 Pole 600 Volt Breaker Mounted & Wired in a NEMA 1 Enclosure
- **Jacket Water Heater:** Engine Block Heater 2000W 240VAC Rated for -20°F Heater Installed with Isolation Valves and Wired to Terminal
- **Air Cleaner:** Dry Single Stage
- **Air Restriction Indicator:** Installed in Air Filtration System
- **Silencer:** Critical Grade Compact (CPJ Series) Silencer Mounted to Engine
- **Battery:** 12 Volt System with Rack and Cables
- **Charger:** DSE 12 Volt 10 Amp Mounted and Wired to Terminal
- **Fuel Tank:** 48 Hour / 750 Gallon UL 142 Listed Sub-Base Fuel Tank with Stub-up Area Double Wall Construction with Secondary Containment Standard Includes: Supply & Return Connections, Fuel Level Gauge, Fuel Leak Switch and Fill & Vent Plumbing

A: The City's design team at Creative provided the following response:

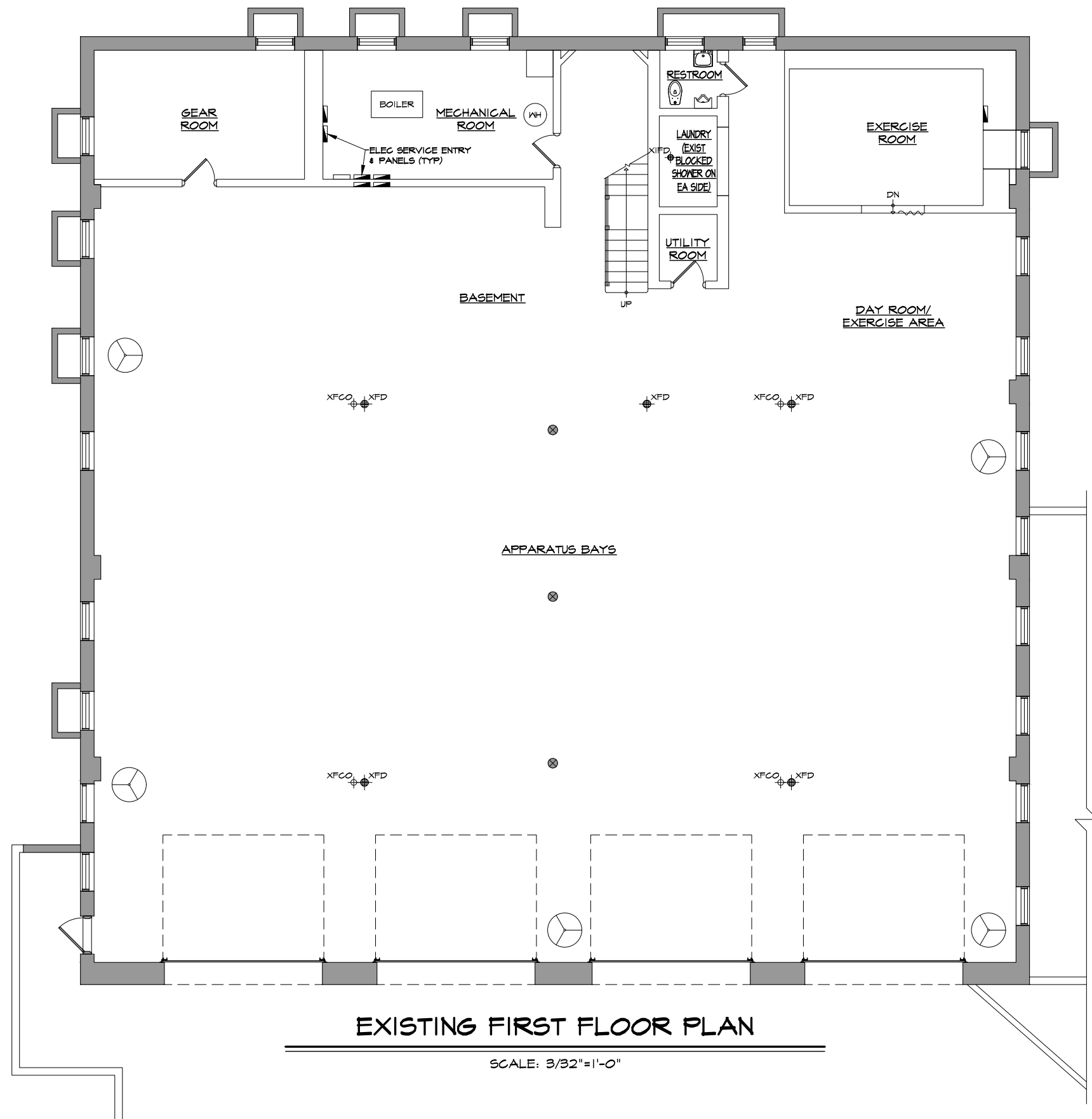
Creative's Cummins contact is as follows:

Jim Howard
Senior Sales Application Engineer, Power Generation
Northern United States
Cummins Sales and Service
Mobile: 781-901-0978
james.howard@cummins.com

Per the generator specification please see below:

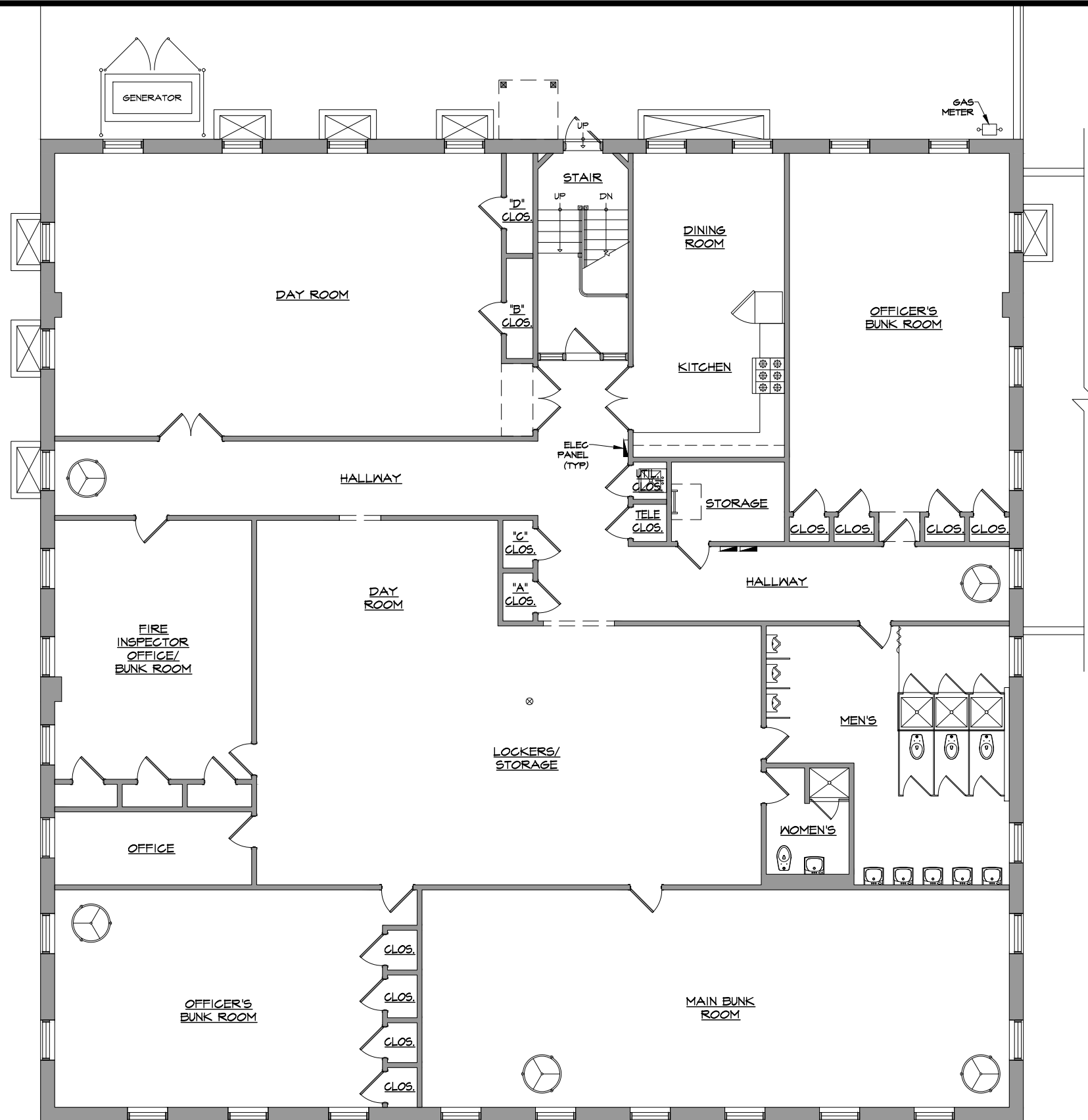
"Proposals by other manufacturers (Caterpillar, Kohler, Generac) must include a line-by-line compliance statement based on this specification."

Without this line by line comparison statement, this substitution was not reviewed. Bidders proposing an alternative generator set as part of their bid must ensure they include a line-by-line compliance statement based on this specification to be considered.



EXISTING BUILDING DATA	
EXISTING FIRST FLOOR AREA:	6,889± SF
EXISTING SECOND FLOOR AREA:	6,889± SF
TOTAL BUILDING AREA:	13,778± SF

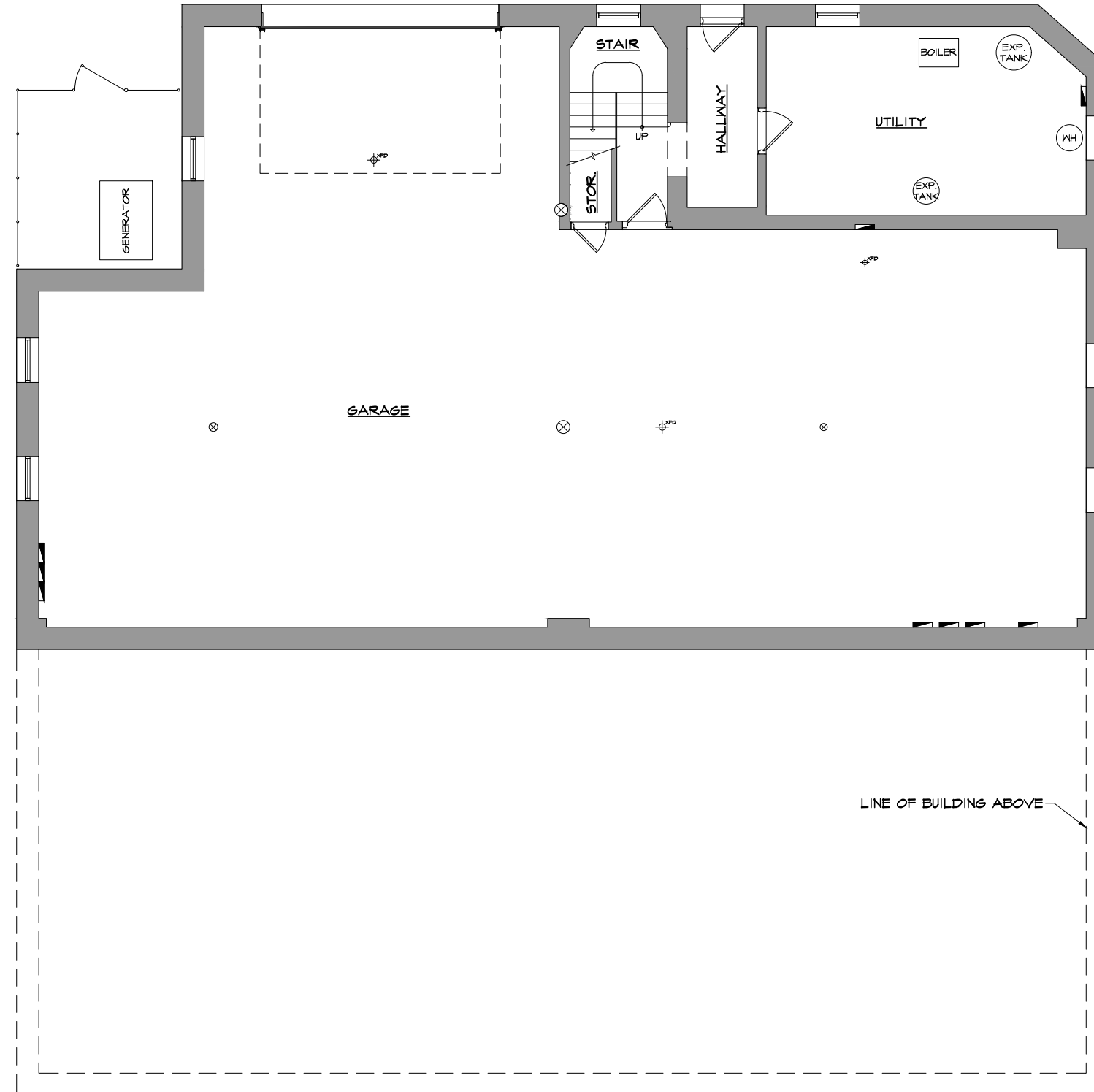




EXISTING SECOND FLOOR PLAN

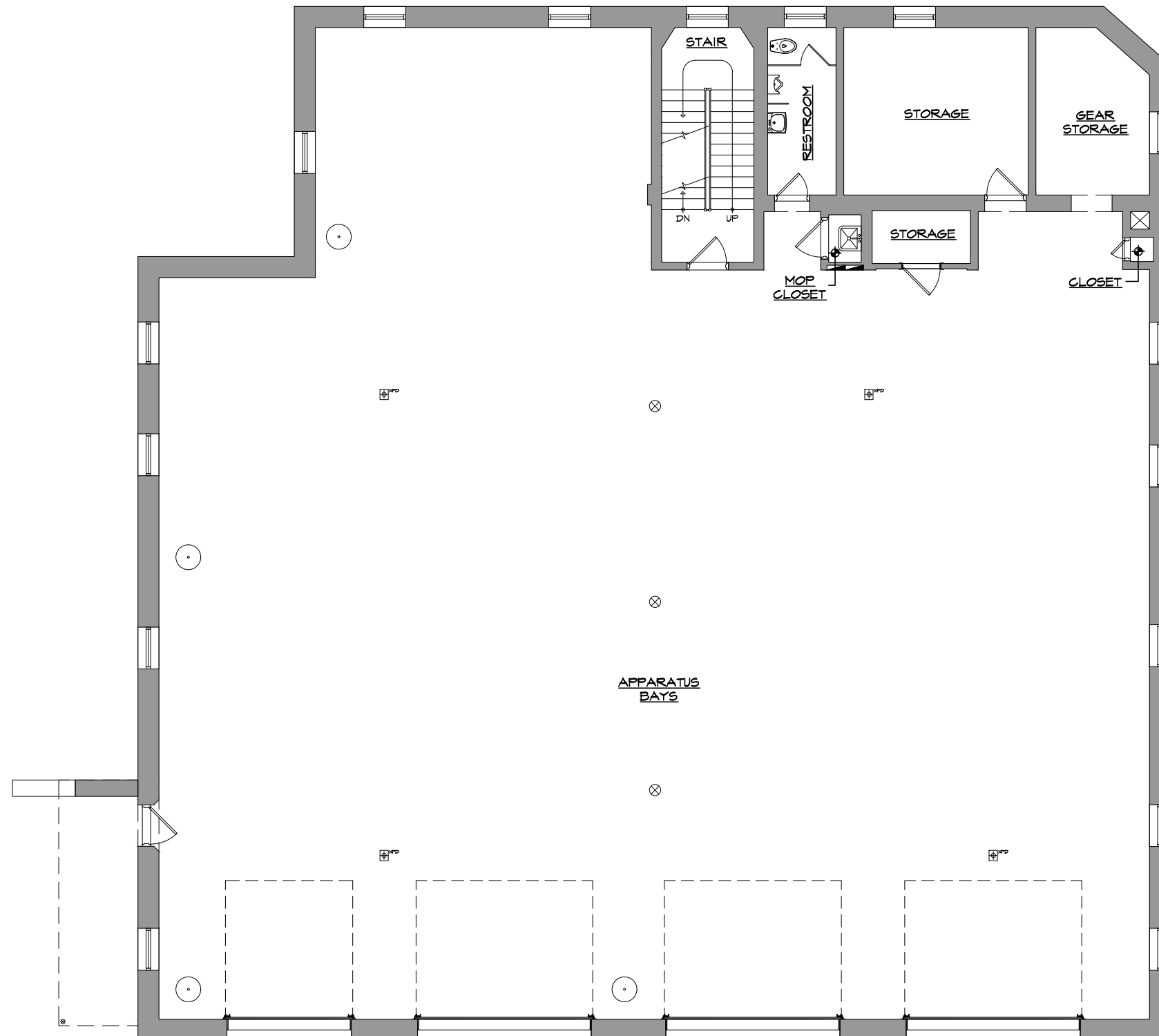
SCALE: 3/32"=1'-0"





EXISTING BUILDING DATA	
EXISTING BASEMENT AREA:	3,376± SF
EXISTING FIRST FLOOR AREA:	6,625± SF
EXISTING SECOND FLOOR AREA:	6,132± SF
TOTAL BUILDING AREA:	16,133± SF

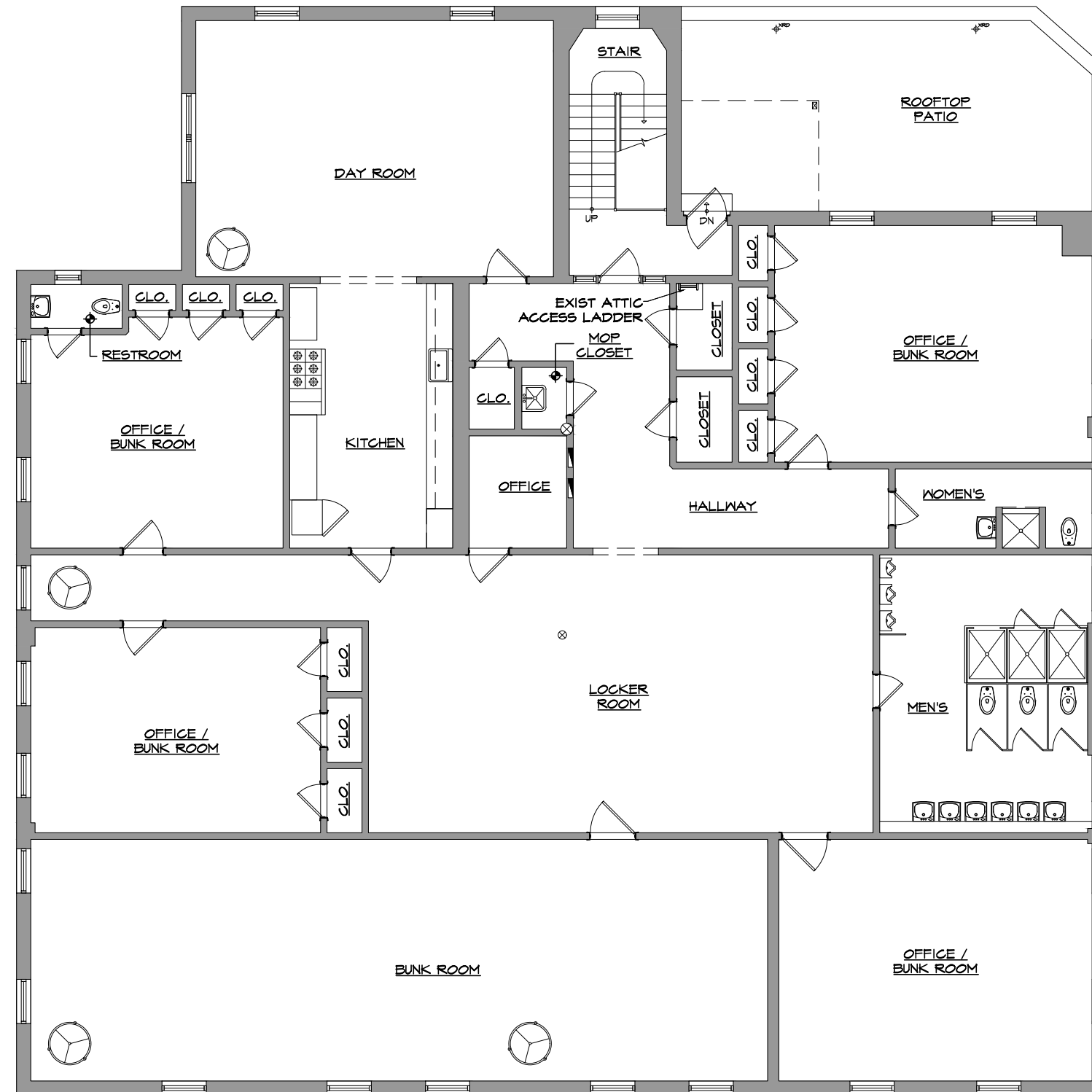




EXISTING FIRST FLOOR PLAN

SCALE: 3/32"=1'-0"





EXISTING SECOND FLOOR PLAN

SCALE: 3/32"=1'-0"



A red generator control panel is shown against a brick wall. The panel features a digital display with 'BALDOR GENERATORS' text, several analog gauges including 'VOLTS' and 'HERTZ', and a 'BREAKER 15A' indicator. A 'VOLTAGE ADJUST' knob and 'PANEL LIGHTS' switch are also visible. A white service sticker is affixed to the panel, reading: 'THIS UNIT IS SERVICED BY FM GENERATOR FOR EMERGENCY SERVICE CALL 1-800-253-6617'. The panel is mounted on a red metal frame.



North Main St Generator



North Main St Fire Alarm Panel



Addressable Fire Control Panel

NORMAL - Only the GREEN A.C. POWER LED is on. All other LEDs are off. LCD displays SYSTEM ALL NORMAL. **PANEL KEY** - The key to open the panel can be found at the following location:
WHEN NOTIFICATION APPLIANCES ARE ACTIVE - FOR AN ALARM
1. Evacuate the protected area. 2. Notify the monitoring service and/or the Fire Department immediately. Tell them briefly what happened and what your current status is. 3. If the Fire Department is responding, be prepared to provide directions to arriving firefighters.

FOR TROUBLE ONLY
1. Notify the monitoring service and/or Fire Department if this panel is connected to either, and tell them what is happening. 2. Silence audible devices by unlocking and opening the panel and pressing the ACKNOWLEDGE key. The yellow TROUBLE LED will remain on. Contact authorized service personnel immediately!
To return to normal after an alarm
1. Do not enter the protected area until safe to do so. 2. Clear all initiating devices. Smoke detectors will not reset if there is still smoke in the area. 3. Reset the control panel (PRESS the RESET key).
To test the Indicators, LCD, and piezo sounder - Press and release RESET. All indicators should momentarily light. LCD shows all tests ok, and piezo sounds beep.

FCC COMPLIANCE - This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada (IC) Compliance
This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.
"Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique adopté par le ministre des Communications du Canada."
This Class (A) digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe (A) est conforme à la norme NMB-003 du Canada.

ES-200X panel:
Complies with Part 68, FCC Rules
FCC Registration Number: US:3V6AL03AEVOLX
Ringer Equivalence: 0.3A

ES-200XC panel:
IC Certificate Number: 3132A-EVOLX
Ringer Equivalence: 0.3A

Operating Instructions

Power failure or brownout - AC POWER LED will go out for AC fail or brownout. TROUBLE LED and panel buzzer will turn on for either condition and other audible trouble devices will sound. Contact authorized service personnel immediately.

Manual activation (Fire Drill or otherwise) - Notification Appliance Circuits can be activated by Manual Pull Box or by pressing the DRILL key. **NOTE:** When conducting a fire drill or test, you may want to disconnect the municipal box by sliding the AC Disconnect switch to the right. If a Central Station Communicator is connected, notify the monitoring service prior to conducting any fire drills or tests.

Alarm Silence - NACs (Notification Appliance Circuits) may be silenced by pressing ALARM SILENCE key. ALARM SILENCED LED will turn on. Subsequent alarms will reactivate circuits. Press RESET key to clear silenced condition.

NOTE: NACs may be programmed as non-silenceable. Also, Signal Silence Inhibit, if enabled, will prevent silencing of NACs for one minute after an alarm (see manual).

ES-200X

This system must be installed, maintained and operated in accordance with the following document:
Installation, Programming and Operating Manual: ES-200X Series Document #LS10121-000F1-E, Rev. 1
Appropriate NFPA standards - This control panel, when installed indoors in a dry location and in accordance with the above manual, complies with the following NFPA standards:
NFPA 72 National Fire Alarm Code for Local Fire Alarm Systems, Auxiliary Fire Alarm Systems (requires 4XTMF module), Central Station Fire Alarm Systems (requires IOTS-COM module), Remote Station Fire Alarm Systems (requires IOTS-COM module), and Proprietary Fire Alarm Systems (requires 4XTMF module).
Note: Not suitable for Remote Station Protected Premises Service where separate transmission circuits are required for Fire, Supervisory (when applicable) and Trouble Signals.
Type of Signaling Service: March Time/Temporal/California Code, Polarity Reversal Remote Station, Municipal Box and Digital Alarm Communicator, Office Technologies - PSDN (requires IOTS-COM Communicator), Class A or B, power-limited Initiating Signal Circuits, Class A/B, B, power-limited Notification Appliance Circuits, and power-limited Communications Loop meeting NFPA 72 Class A, Class B, or Class X requirements.
Signal Auto-Silence (if enabled) silences audible notification appliances after programmed duration of 5 to 30 min.
PAS (Positive Alarm Sequence) Delay (if enabled) delays activation of notification appliances for up to 3 minutes.
ACKnowledge switch is pressed within 15 seconds of a smoke detector alarm.
Fire-Signal Delay (if enabled) delays activation of notification appliances for up to 3 minutes.
Signal Silence Inhibit (if enabled) prevents signals from being silenced for 1 minute after alarm activation.

WARNING: This unit includes an alarm verification feature. If enabled, it will result in a 13-second delay of the system notification appliances when an alarm is initiated by a smoke detector.

WARNING: Several different sources of power can be connected to this Control Unit. Disconnect all sources of power before servicing!
AVERTISSEMENT: Haute tension de multiples sources. Plusieurs sources d'alimentation peuvent être raccordées à cette unité de commande. Débrancher toutes les sources d'alimentation avant d'effectuer maintenance!

All equipment is covered by a 36-month Limited Warranty and is limited in its fire protection capabilities. Please read the Limited Warranty and Limitations of an Automatic Fire Alarm System contained in the installation manual for this fire alarm control panel. If the manual for this panel is not available, please visit www.firelite.com.
For technical support, please call 203-484-7161.
Service/Maintenance Warning: This Warranty is void if the product is altered, repaired, or serviced by anyone other than the manufacturer or its authorized distributors, or if there is a failure to maintain the products and systems in which they operate in a proper and workable manner.

ES-200XC

ES-200X1

Type of Service: Automatic Fire Alarm, Manual Fire Alarm, Waterflow Alarm and Sprinkler Supervisory Service.
Type of Signaling Device: Type AM (Attendant Monitored) and Type SM (Self Monitored). Installation limits in all categories of service are under the local Authority Having Jurisdiction.

Electrical Ratings:
120/240VAC, 50/60Hz, 3.25 Amps (primary power source)
All Panels: 24 VDC sealed lead acid battery (standby power source).
Refer to the installation instructions for maximum current requirements.

Installation and Service Notes:
1) Caution: De-energize system prior to servicing connected components.
2) Use only UL listed smoke detectors and modules shown in the Device Compatibility List, #15184, Rev. 1.
3) Maximum number of addressable detectors is 99 and maximum number of addressable modules is 99.
4) Batteries are float charged during system operation on primary power. Discharged batteries will charge at 0.5 Amp, typically, and obtain a full voltage of 27.2V within 48 hours. Replacement batteries may be obtained from the manufacturer. Battery requirements are determined according to the installation manual. Battery replacement is recommended every three years.
5) Mutual Replacement Battery - AH.
6) For Canadian Applications, date of final assembly - AH.

The 4XTMF is a product of Fire-Lite Inc.

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