

Smoke/Carbon Monoxide Detectors for:

# Pawtucket Housing Authority

Burns Manor - 95 Park Street  
Fogarty Manor - 214 Roosevelt Avenue  
Kennedy Manor - 175 Broad Street  
St. Germain Manor - 401 Mineral Spring Avenue  
Pawtucket, Rhode Island

OWNER  
Pawtucket Housing Authority  
214 Roosevelt Avenue  
Pawtucket, RI 02860  
P: (401) 721-6000

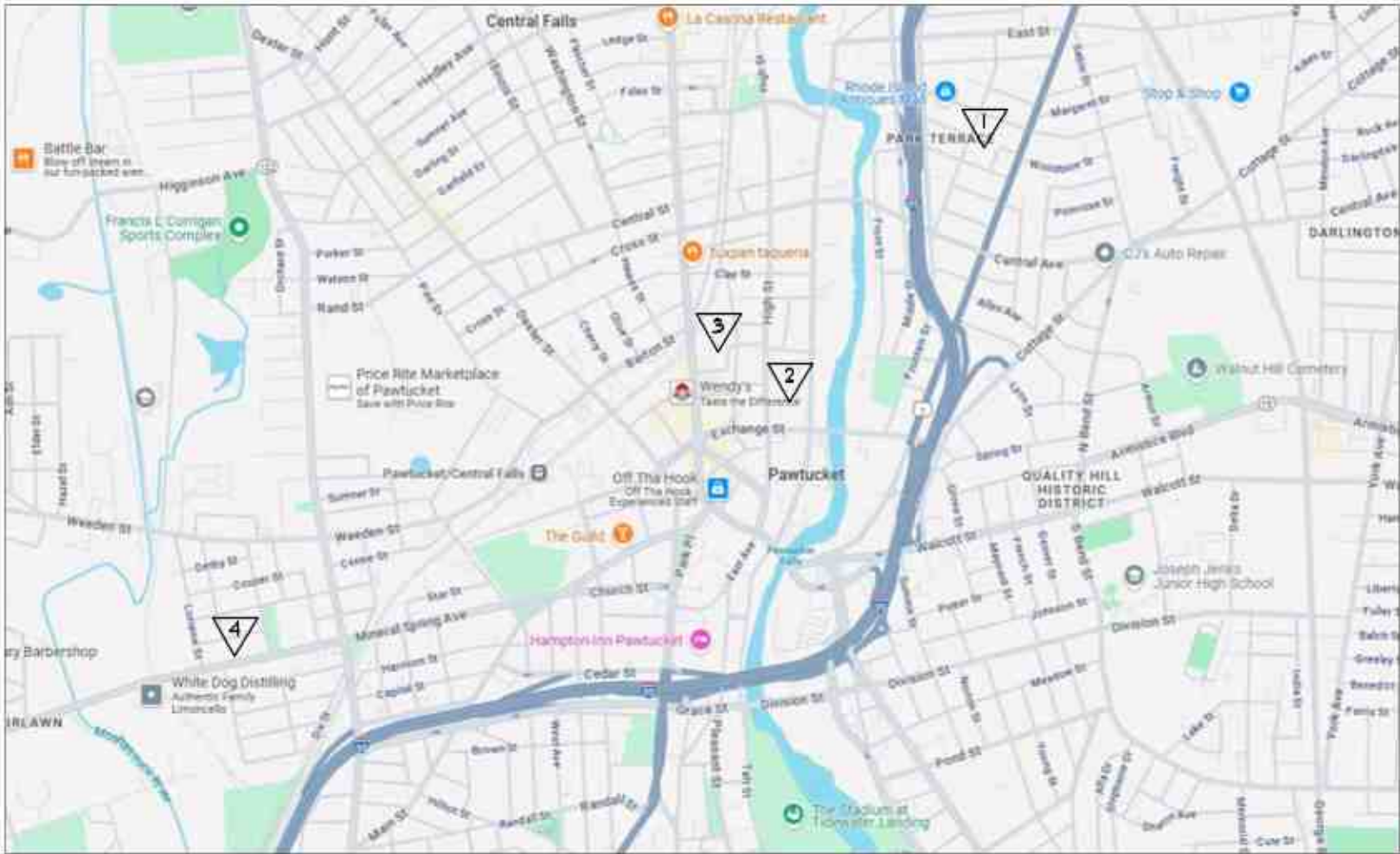
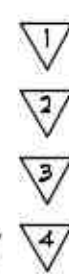
DATE: SEPTEMBER 8, 2025  
RELEASED FOR: CONSTRUCTION DOCUMENTS

## DRAWINGS

### FIRE ALARM

- FA-00: Fire Alarm - Legends & Notes
- FA-G10: St. Germain Manor - Key Plan
- FA-F10: Fogarty Manor - Single Bedroom & Two Bedroom Part Plans
- FA-B10: Burns Manor - Single Bedroom Part Plans
- FA-K10: Kennedy Manor - Single Bedroom & Two Bedroom Part Plans

Burns Manor  
Fogarty Manor  
Kennedy Manor  
St. Germain Manor



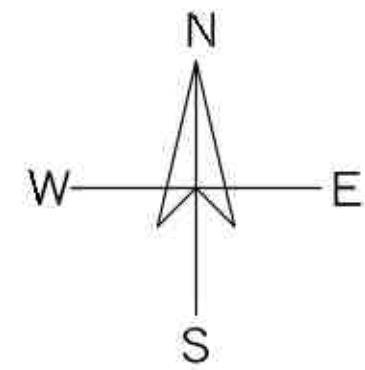
LOCUS MAP

NTS

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SHEET CONTENTS:  
Drawing List  
Locus Map

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


FIRE ALARM SHEET NOTES

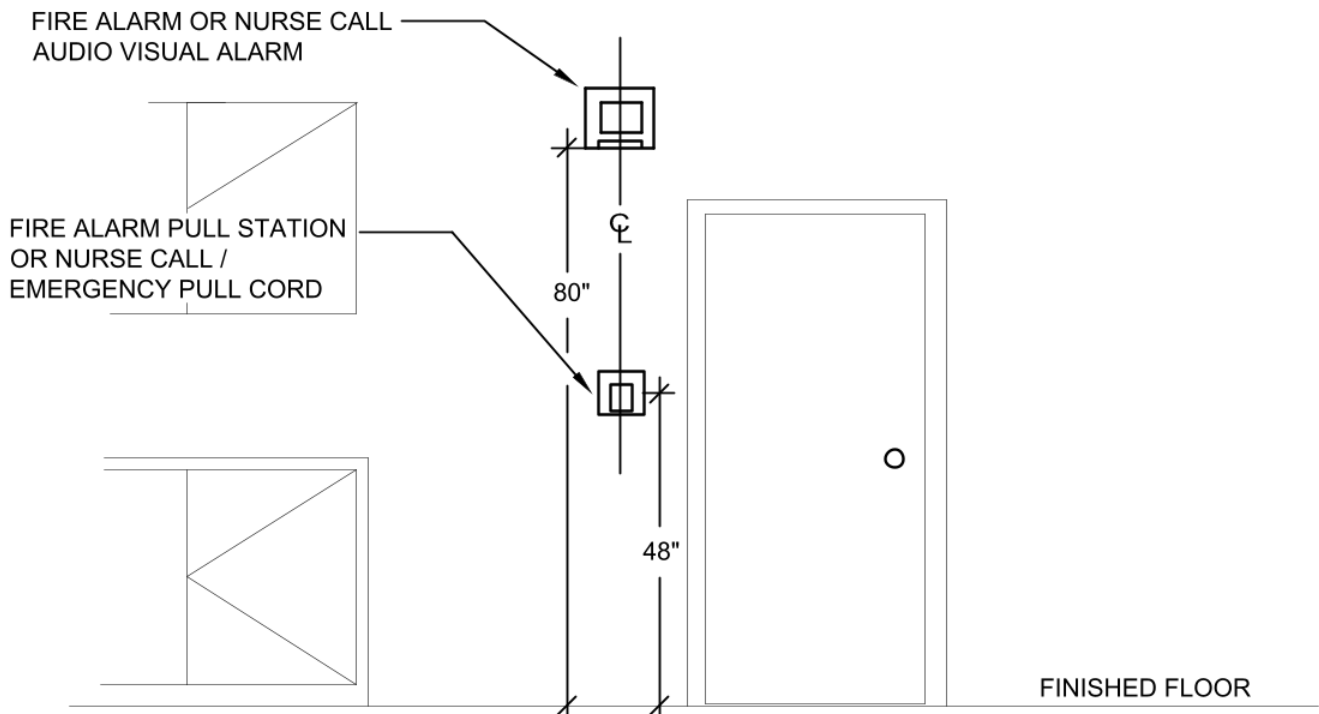
1. PROVIDE & INSTALL NEW LOCAL, 120 VOLT COMBINATION SMOKE / CARBON MONOXIDE DETECTORS AS SHOWN. NEW DEVICES SHALL BE WIRED AS INDICATED ON THIS PLAN IN "TYPICAL DWELLING UNIT (F.A.) NOTES".
2. EXISTING SYSTEM COMBINATION SMOKE DETECTORS WITH SOUNDER BASES TO REMAIN AS IS. NO WORK REQUIRED.
3. EXISTING LOCAL, 120 VOLT COMBINATION SMOKE / CARBON MONOXIDE DETECTOR TO BE REMOVED AND REPLACED WITH NEW LOCAL, 120 VOLT COMBINATION SMOKE / CARBON MONOXIDE DETECTOR AS SHOWN. NEW DEVICES SHALL BE WIRED AS INDICATED ON THIS PLAN IN "TYPICAL DWELLING UNIT (F.A.) NOTES".
4. ALL NEW WIRING AS REQUIRED SHALL BE MOUNTED ON SURFACE OF CEILING USING METALLIC WIREMOLD AND ALL REQUIRED ACCESSORIES. NEW WIREMOLD SHALL BE PAINTED TO MATCH CEILING.
5. PROVIDE 20 AMP BRANCH CIRCUIT WIRING CONSISTING OF: (2#12 + 1#12 GND.) FOR NEW LOCAL, 120 VOLT DEVICES.
6. EXISTING SYSTEM WALL MOUNTED "LOW FREQUENCY" HORNS TO REMAIN AS IS. NO WORK REQUIRED.

TYPICAL DWELLING UNIT (F.A.) NOTES

1. WHERE THERE ARE TWO (2) OR MORE SMOKE DETECTORS INSTALLED IN ONE (1) LIVING UNIT, THEY SHALL BE WIRED SO THAT THE ACTIVATION OF ANY DETECTOR SHALL CAUSE THE AUDIBLE ALARM IN ALL OF THE DETECTORS WITHIN THE LIVING UNIT TO BE ACTIVATED WITH A MINIMUM RATING OF EIGHTY-FIVE (85) dBA AT TEN FEET (10'), (TYPICAL)
2. ALL COMBINATION SINGLE STATION SMOKE & CARBON MONOXIDE DETECTORS SHALL BE MOUNTED ON THE CEILING AND UL LISTED FOR CEILING MOUNTING AND LOCATED NOT LESS THAN 12-INCHES FROM ANY WALL. (TYPICAL)
3. THE WIRING FOR THE COMBINATION SINGLE STATION SMOKE & CARBON MONOXIDE DETECTORS SHALL BE TAKEN FROM A BRANCH LIGHTING CIRCUIT SERVING THE LOCAL AREA. THE POWER SOURCE FOR CARBON MONOXIDE DETCTORS SHALL BE ON THE SUPPLY SIDE AHEAD OF ANY SWITCHES AND NOT ON CIRCUITS PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER.
4. ALL CARBON MONOXIDE DETECTORS SHALL BE PROVIDED WITH A VISIBLE INTERMITTENT OR STEADY "POWER ON" INDICATOR AND BE PROVIDED WITH BATTERY BACK-UP.

FIRE ALARM LEGEND

TYPICAL INDUSTRY SYMBOL	DESCRIPTION / REMARKS
	(NEW), FIRE ALARM SYSTEM LOCAL, 120 VOLT, COMBINATION SMOKE / CARBON MONOXIDE DETECTOR.
	(EXISTING), FIRE ALARM LOCAL, 120 VOLT COMBINATION SMOKE / CARBON MONOXIDE DETECTOR. TO BE REMOVED AND REPLACED IN SAME LOCATION.
	(EXISTING), FIRE ALARM SYSTEM, LOW FREQUENCY HORN.
	(EXISTING), FIRE ALARM SYSTEM CONTROL PANEL.
	(EXISTING), FIRE ALARM SYSTEM, COMBINATION SMOKE / CARBON MONOXIDE DETECTOR WITH SOUNDER BASE.
ERN	SUB-SCRIPT INDICATES "EXISTING DEVICE TO REMAIN", NO WORK REQUIRED.
ER	SUB-SCRIPT INDICATES "EXISTING DEVICE TO BE REMOVED AND REPLACED".
NEW	SUB-SCRIPT INDICATES "NEW", DEVICE TO BE PROVIDED & INSTALLED.



**NOTE:**  
THIS DETAIL INDICATES CENTERLINE FOR FIRE ALARM/PULL STATION. HOWEVER THIS SAME CENTERLINE PRINCIPLE SHALL BE FOR ALL GROUP MTD. ELECTRICAL DEVICES. IF FIRE ALARM IS ON SAME SIDE OF DOOR AS SWITCHES, PULL STATION SHALL BE HORIZONTALLY SEPARATED BY A MINIMUM OF 18". THIS ELEVATION IS A GENERAL ARRANGEMENT OF OF DEVICES. ARCHITECT PLANS TAKE PRECEDENCE FOR EXACT LOCATIONS.

MOUNTING HEIGHT DETAIL

NOT TO SCALE

FIRE ALARM NOTES

1. E.C. SHALL PROVIDE CIRCUIT BREAKER LOCK-ON DEVICES FOR FACP AND NAC CIRCUIT.
2. E.C. SHALL FURNISH AND INSTALL REMOTE INDICATING LIGHTS/TEST SWITCHES FOR DUCT SMOKE DETECTORS.
3. REFER TO FLOOR PLANS FOR EXACT NUMBER OF DEVICES AND CANDELA RATINGS.
4. COLOR CODE WIRING PER THE LATEST EDITION OF THE STATE FIRE CODE.
5. SPLICES WILL NOT BE ALLOWED. WIRENUTS WILL NOT BE ALLOWED.
6. RED PAINTED TERMINAL CABINETS & BOXES WITH LOCKABLE COVERS SHALL BE PROVIDED AT ALL JUNCTION POINTS.
7. AFC FIRE ALARM / CONTROL CABLE TYPE MC (UL LISTED) MAY BE USED ABOVE CEILINGS AND IN CONCEALED AREAS WHERE ACCEPTABLE TO THE LOCAL AUTHORITY HAVING JURISDICTION. EXPOSED AREAS SHALL BE EMT, PAINTED PER ARCHITECTS DIRECTION. ALL CONDUCTORS SHALL BE A MINIMUM OF #16AWG SOLID COPPER, TYPE THHN, THWN OR TFN. ALL WIRING SHALL RUN CONTINUOUSLY FROM DEVICE TO DEVICE.
8. THE CONTRACTOR AT COMPLETETION OF THE FIRE ALARM SYSTEM SHALL TEST THE ENTIRE SYSTEM PER THE LOCAL FIRE DEPARTMENTS REQUIREMENTS. THE CONTRACTOR SHALL REPLACE OR FIX ANY PART OF THE SYSTEM NOT PROPERLY WORKING.
9. THE MINIMUM SEPARATION BETWEEN THE OUTGOING AND RETURN FIRE ALARM CIRCUITS SHALL BE A MINIMUM OF 1-FOOT VERTICALLY AND 4-FEET HORIZONTALLY IN ACCORDANCE WITH THE PROVISIONS OF NFPA-72.
10. ALL FIRE ALARM SYSTEM COMPONENTS & MOUNTING HEIGHTS SHALL COMPLY WITH ADA REQUIREMENTS.
11. E.C. SHALL PROVIDE ANY AND ALL AUXILIARY EQUIPMENT IN ORDER TO PROVIDE A COMPLETE, PROPERLY FUNCTIONING SYSTEM. COORDINATE REQUIREMENTS WITH LOCAL MANUFACTURERS REP.
12. ALL FIRE ALARM STROBE SIGNAL DEVICES SHALL BE SYNCHRONIZED TYPE DEVICES AND COMPLY WITH ADA REQUIREMENTS.
13. NO T-TAPPING OF FIRE ALARM WIRING SHALL BE ALLOWED. (TYPICAL)
14. ALL FIRE ALARM WIRING & RACEWAY SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT BE LOCATED AS TO BE DAMAGED BY BUILDING USE.
15. PROVIDE A WEATHER-PROOF KNOX-BOX 3200 SERIES ON THE EXTERIOR OF THE BUILDING. COORDINATE EXACT LOCATION WITH LOCAL FIRE DEPARTMENT.
16. ALL SMOKE DETECTORS SHALL BE MOUNTED ON THE CEILING AND UL LISTED FOR CEILING MOUNTING AND LOCATED NOT LESS THAN 12-INCHES FROM ANY WALL. DETECTORS SHALL NOT BE IN A DIRECT AIR FLOW NOR CLOSER THAN 3-FEET FROM ANY AIR SUPPLY DIFFUSER. (TYPICAL)
17. UL LISTED INSULATED THROAT, SET SCREW CONNECTORS SHALL BE USED WITH MC CABLE INSTALLATIONS, (CLAMP CONNECTORS ARE NOT ALLOWED). A CABLE CUTTING TOOL WITH CONTROLLED DEPTH OF CUT SHALL BE USED IN ALL MC CABLE INSTALLATIONS.
18. FAULT ISOLATION MODULES SHALL BE INSTALLED FOR EVERY 25 DEVICES AND IN NO CASE SHALL THE LENGTH OF AN AREA BE DISABLED BY A WIRE-TO-WIRE SHORT CIRCUIT FAULT EXCEED 200' IN ANY ONE DIRECTION. WHERE A SINGLE CIRCUIT SERVES MORE THAN ONE FLOOR; FAULT ISOLATION MODULES SHALL BE INSTALLED TO PREVENT A WIRE-TO-WIRE SHORT CIRCUIT FAULT ON ONE FLOOR TO DISABLE THE CIRCUIT ON ANOTHER FLOOR.
19. WIRING FOR THE FIRE ALARM SYSTEM SHALL BE CLASS "A".
20. REFER TO THE SPECIFICATIONS FOR THE "SEQUENCE OF OPERATION" AND ADDITIONAL INFORMATION.
21. E.C. SHALL PRODUCE A MANUFACTURER'S COMPLETE FIRE ALARM SYSTEM ONE-LINE DIAGRAM AND ADDRESS PLAN DURING THE SHOP DRAWING SUBMITTAL PROCESS.
22. E.C. SHALL PROVIDE ALARM INDICATORS AND HVAC EQUIPMENT OVERRIDE SWITCHES MOUNTED IN UTILITY ROOMS WITH FIRE ALARM PANEL. ALL SWITCHES AND HEATING UNITS SHALL BE CLEARLY LABELED BY NUMBERS AS PER PLANS.
23. E.C. SHALL OBTAIN FROM THE LOCAL FIRE DEPARTMENT, A LIST OF FIRE ALARM ZONE CODES AND DESCRIPTIONS AND PROGRAM INTO FIRE ALARM SYSTEM AS REQUIRED.
24. DUCT SMOKE DETECTORS AND TAMPER SWITCHES SHALL ANNUNCIATE SUPERVISORY TROUBLE.
25. TWO INDICATIONS OF ALARM ARE REQUIRED FOR SPRINKLER SYSTEM: MAIN FLOW & ZONE.
26. EXISTING FIRE ALARM SYSTEM: MAINTAIN THE EXISTING SYSTEM IN SERVICE UNTIL THE NEW SYSTEM IS TESTED AND ACCEPTED BY THE FIRE DEPARTMENT. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. NOTIFY OWNER, ARCHITECT/ENGINEER AND LOCAL FIRE DEPARTMENT AT LEAST TEN DAYS BEFORE PARTIALLY OR COMPLETELY DISABLING SYSTEM. MINIMIZE OUTAGE DURATION. MAKE TEMPORARY CONNECTIONS TO MAINTAIN SERVICE IN AREAS ADJACENT TO WORK AREA AS REQUIRED OR PROVIDE A "FIRE-WATCH" SYSTEM COORDINATED WITH THE LOCAL FIRE DEPARTMENT.

TYPICAL FIRE STOPPING NOTES

- A. GENERAL: FIRE STOPPING SHALL BE PROVIDED BY THIS CONTRACTOR FOR ALL FLOOR, CEILING AND FIRE RATED WALL. PENETRATIONS FOR CONDUIT, SLEEVES AND/OR CABLING AS REQUIRED BY JOB CONDITIONS.
- B. THE CONTRACTOR SHALL PROVIDE A FIRE STOP SYSTEM IN ACCORDANCE WITH THE FOLLOWING:
  1. THE SYSTEM SHALL CONSIST OF A WATERBASED SEALANT AND SUITABLE DAMMING MATERIALS (WHERE REQUIRED) AND BE INSTALLED PER MANUFACTURER'S REQUIREMENTS.
  2. THE SEALANT SUPPLIED SHALL BE A TWO STAGED INTUMESCENT AND CAPABLE OF EXPANDING UP TO 8 TIMES ITS ORIGINAL VOLUME.
  3. THE SEALANT SUPPLIED SHALL CONTAIN NO ASBESTOS, NO FIBERGLASS, AND NO SOLVENTS NOT CORROSIVE MINERAL SALTS OF ANY KIND.
  4. THE SEALANT SHALL FORM A SURFACE CAPABLE OF BEING SANDED AND PAINTED TO MATCH SURROUNDING SURFACES AND SHALL BE IMPERVIOUS TO WATER WHEN DRY.
  5. THE FIRE STOP SYSTEM SHALL BE TESTED TO THE TIME/TEMPERATURE REQUIREMENTS OF ASTM E119 AND SHALL BE UL1479 (ASTM E814) AND CLASSIFIED FOR UP TO 3 HOURS.
  6. THE FIRE STOP SEALANT SHALL BE SPECSEAL SEALANT AS MANUFACTURED BY SPECIFIED TECHNOLOGIES, INC. OR APPROVED EQUAL.
  7. SPECIAL CARE SHALL BE TAKEN WITH ELECTRICAL SYSTEMS NOT TO COMPROMISE ANY OF THE BUILDING FIRE PARTITIONS, FLOORS, WALLS OR MEMBRANES. PROVIDE ALL FIRESTOPPING REQUIRED TO COMPLY WITH THE BUILDING CODE, THE ELECTRICAL CODE AND THE UL LISTING OF EACH ASSEMBLY. COORDINATE LOCATIONS AND TYPES OF MEMBRANES WITH ARCHITECT.

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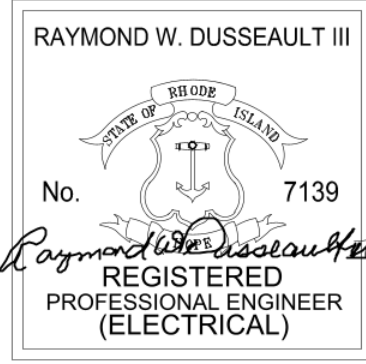
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Fire Alarm -  
Legends & Notes

PROJECT # 0725

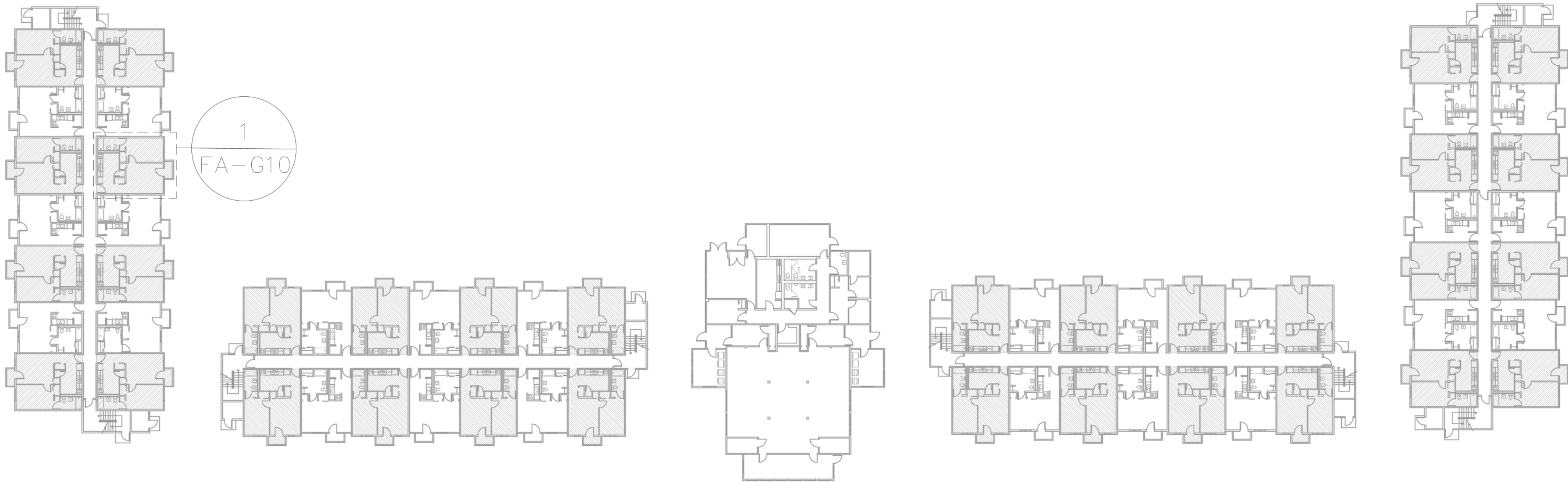
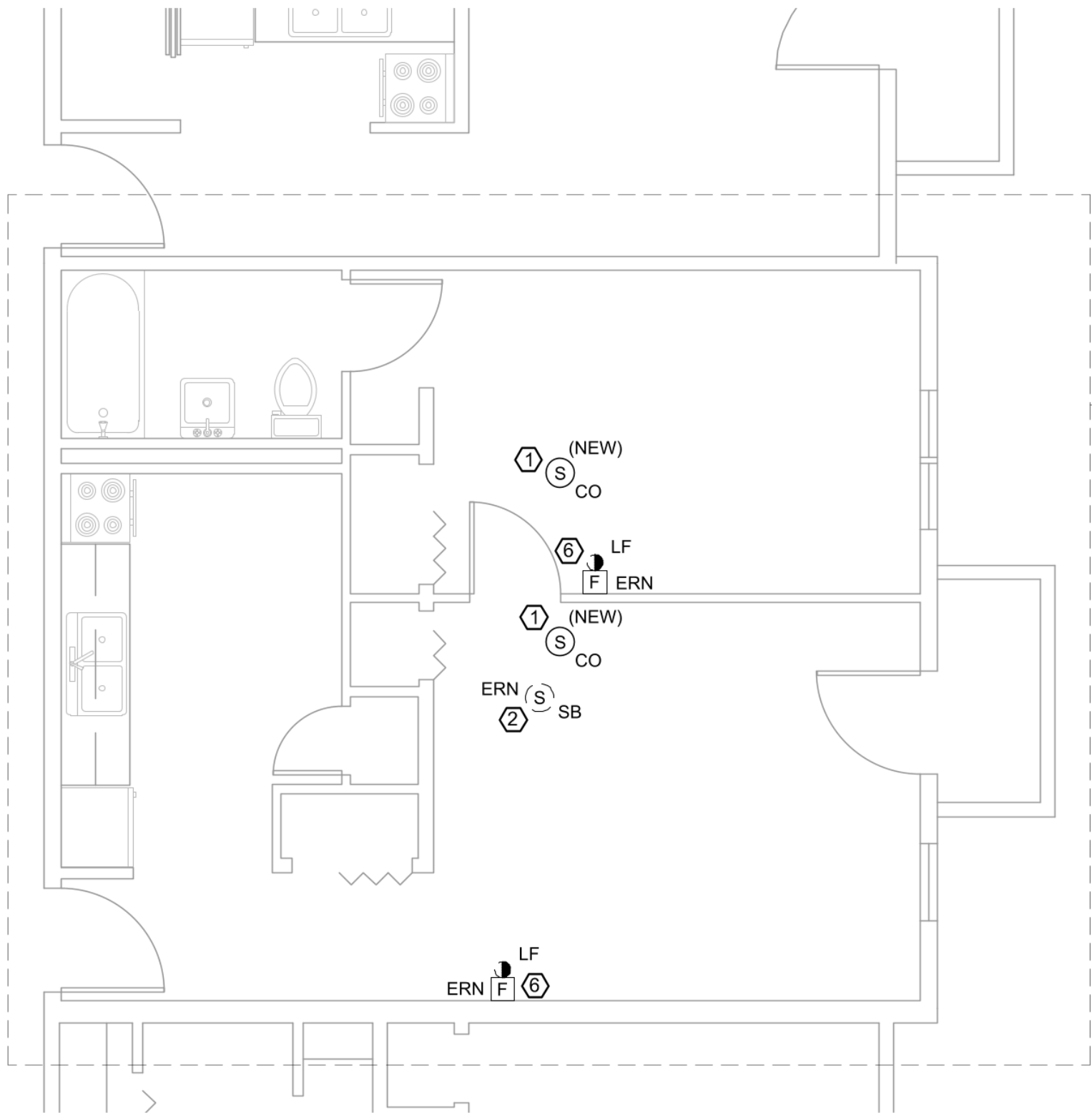
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FA-00



1 FIRE ALARM - ENLARGE SINGLE BEDROOM FLOOR PLAN - EXISTING/NEW  
1/4" = 1'-0"



KEY PLAN

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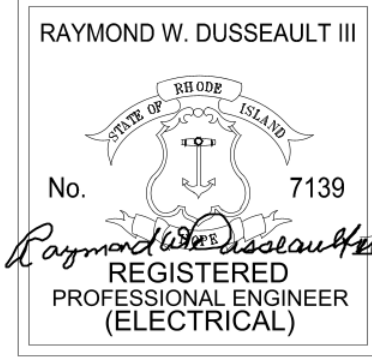
FA-G10

SHEET CONTENTS:  
ST. GERMAIN  
MANOR - KEY  
PLAN

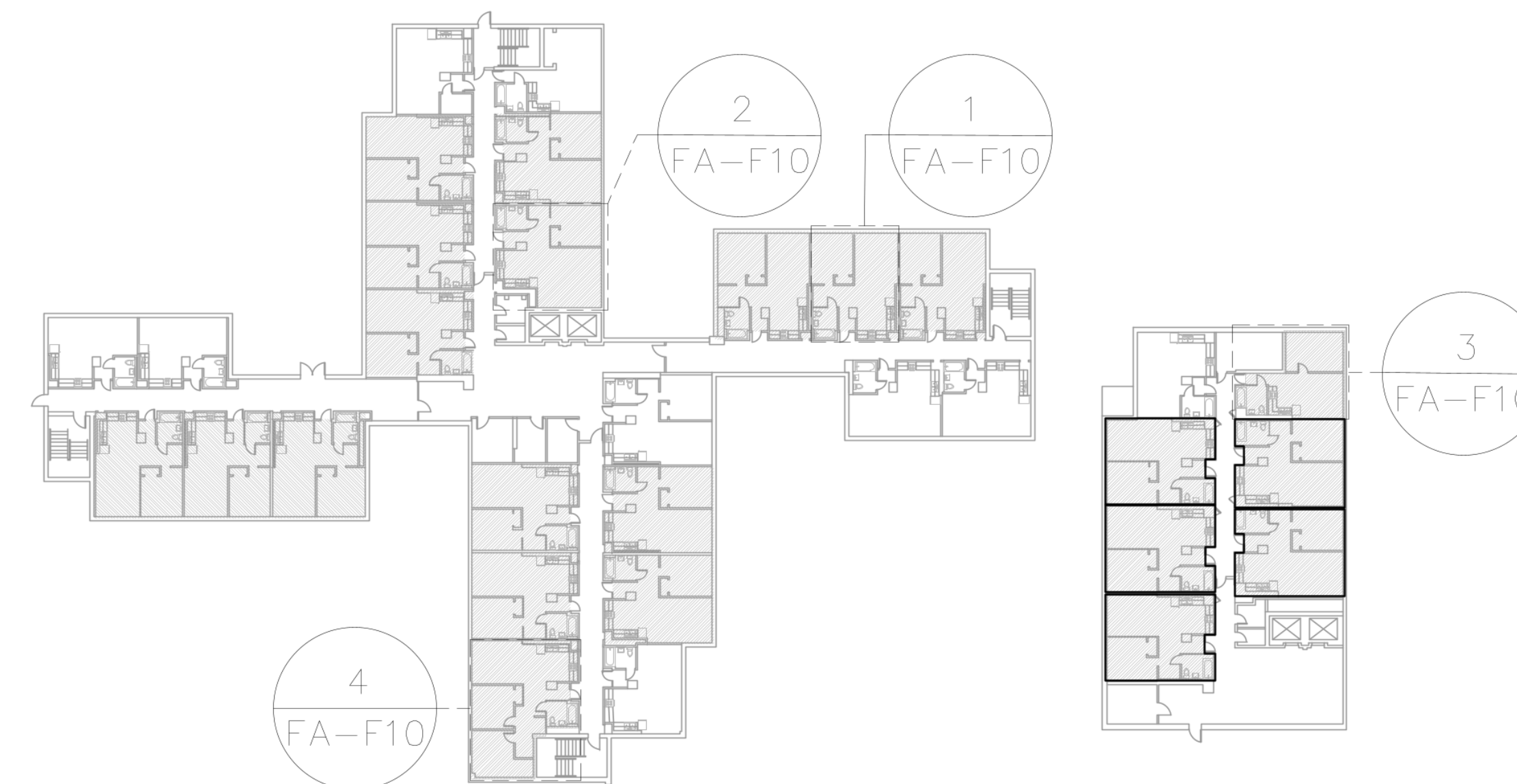
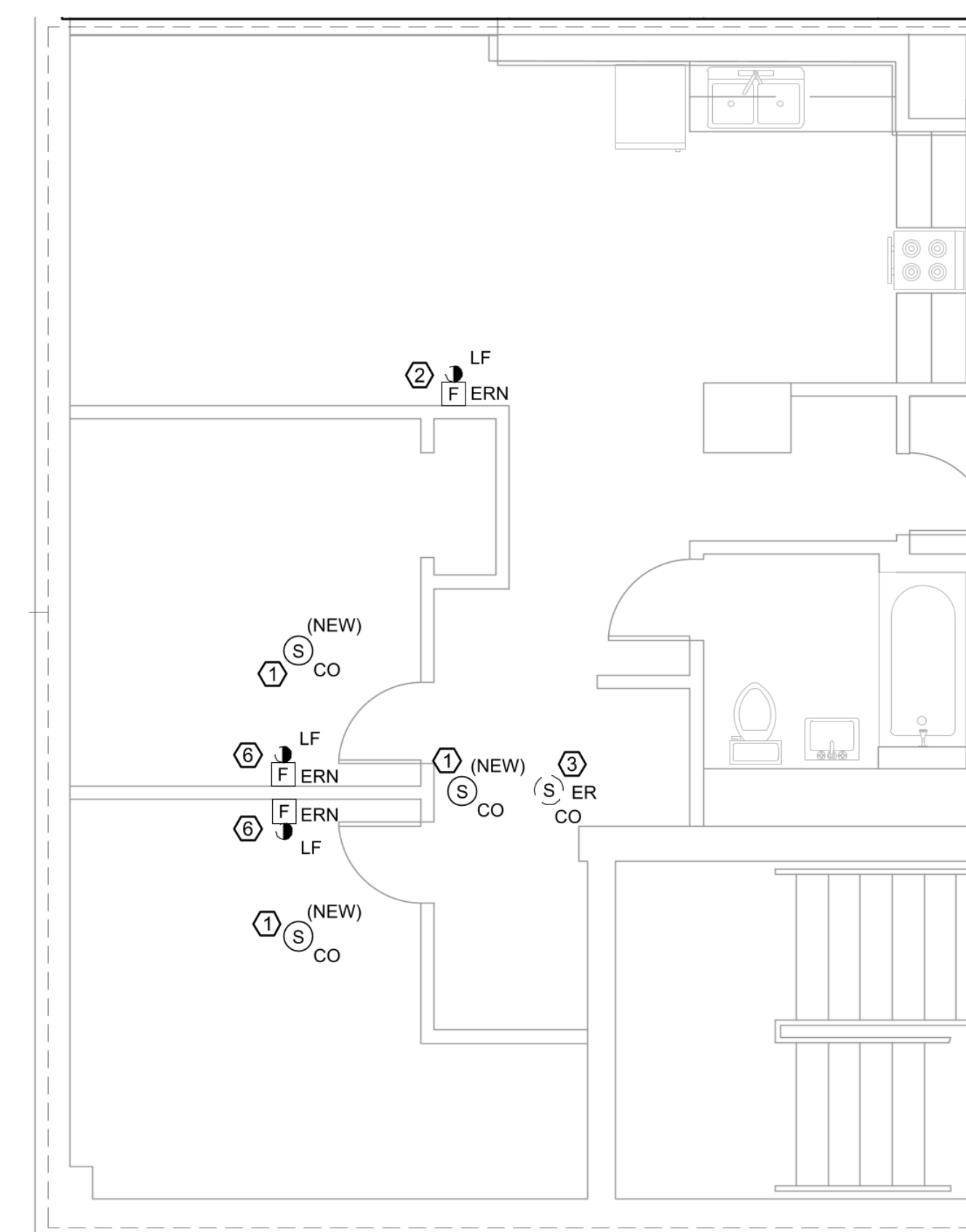
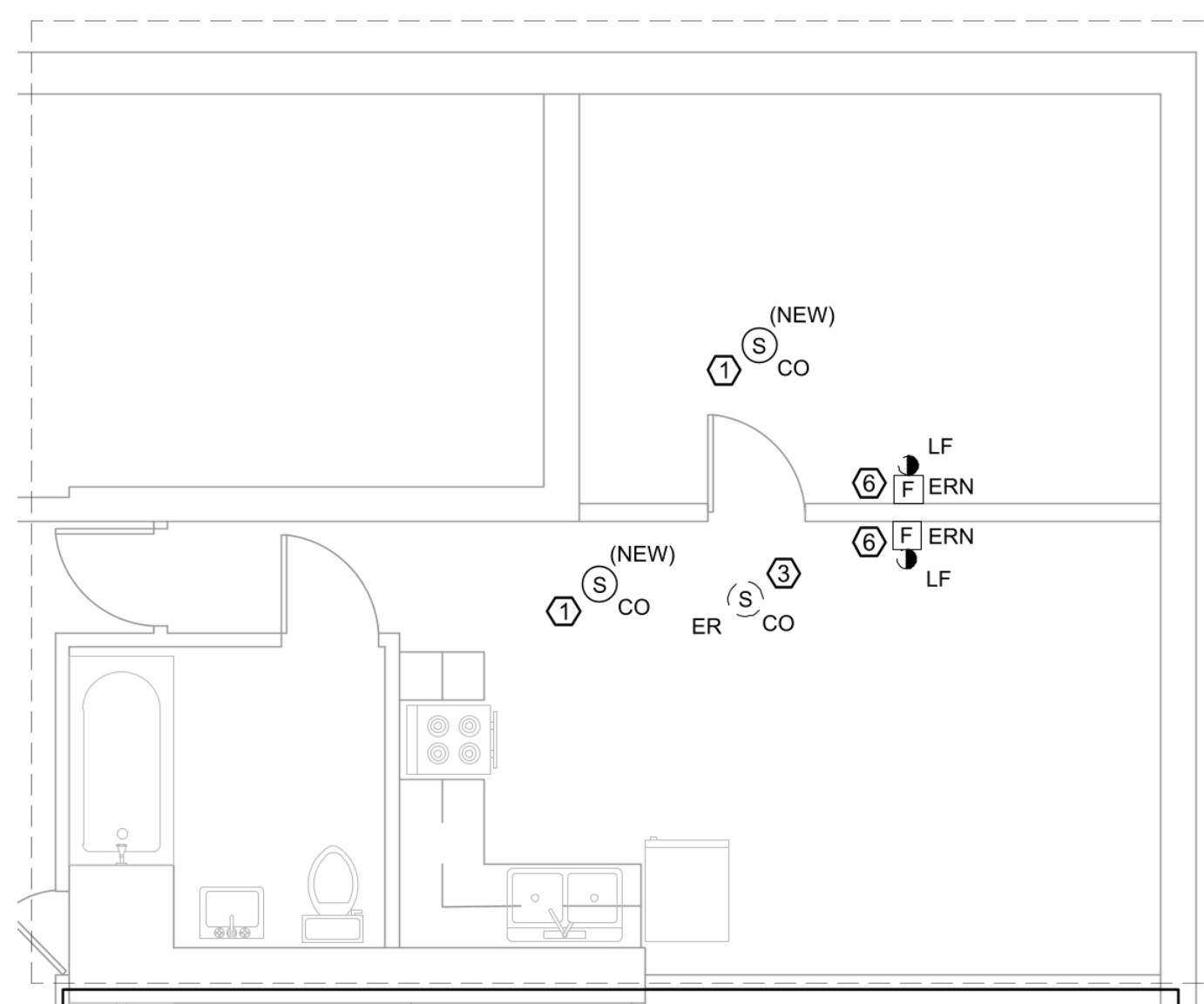
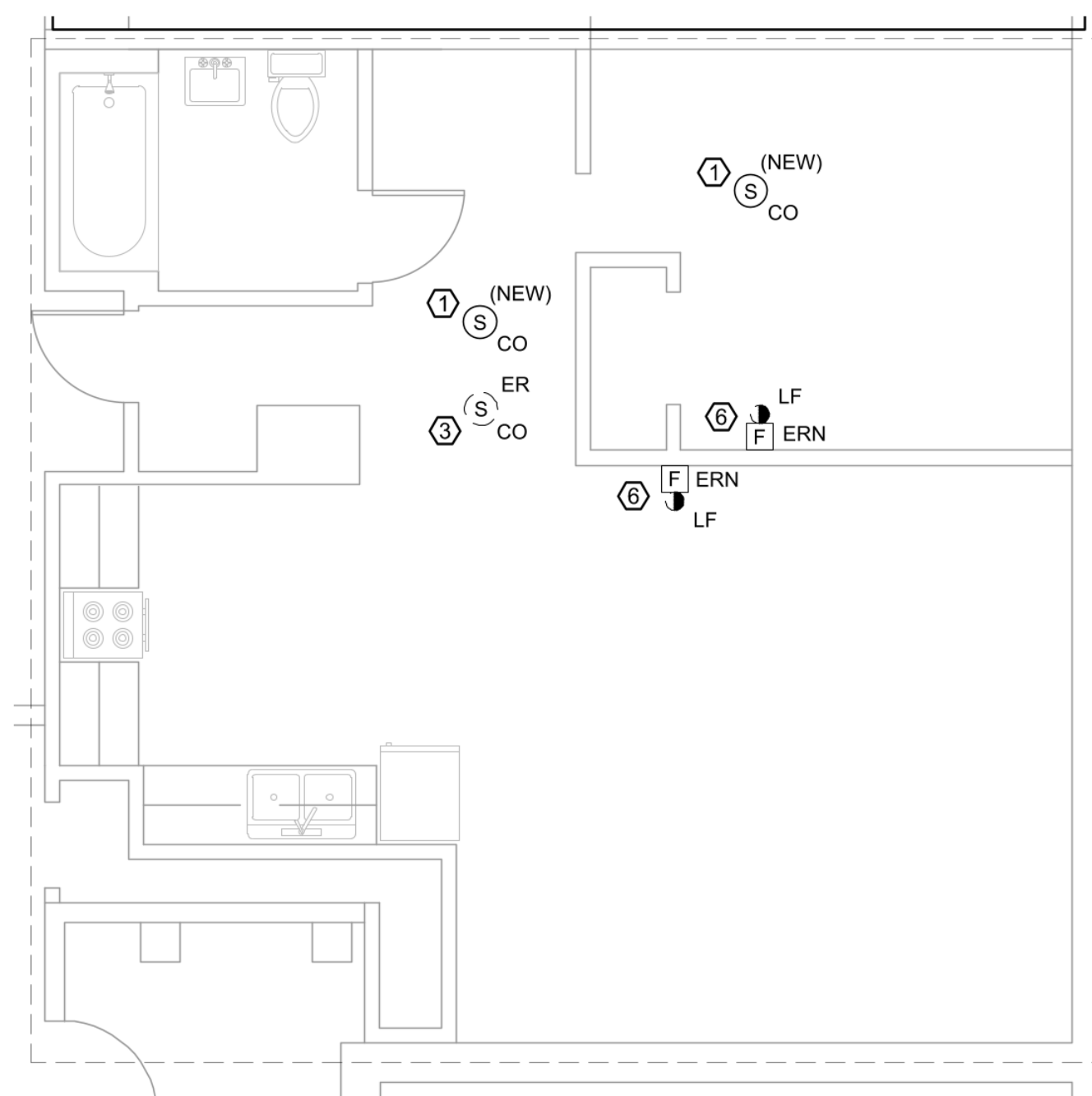
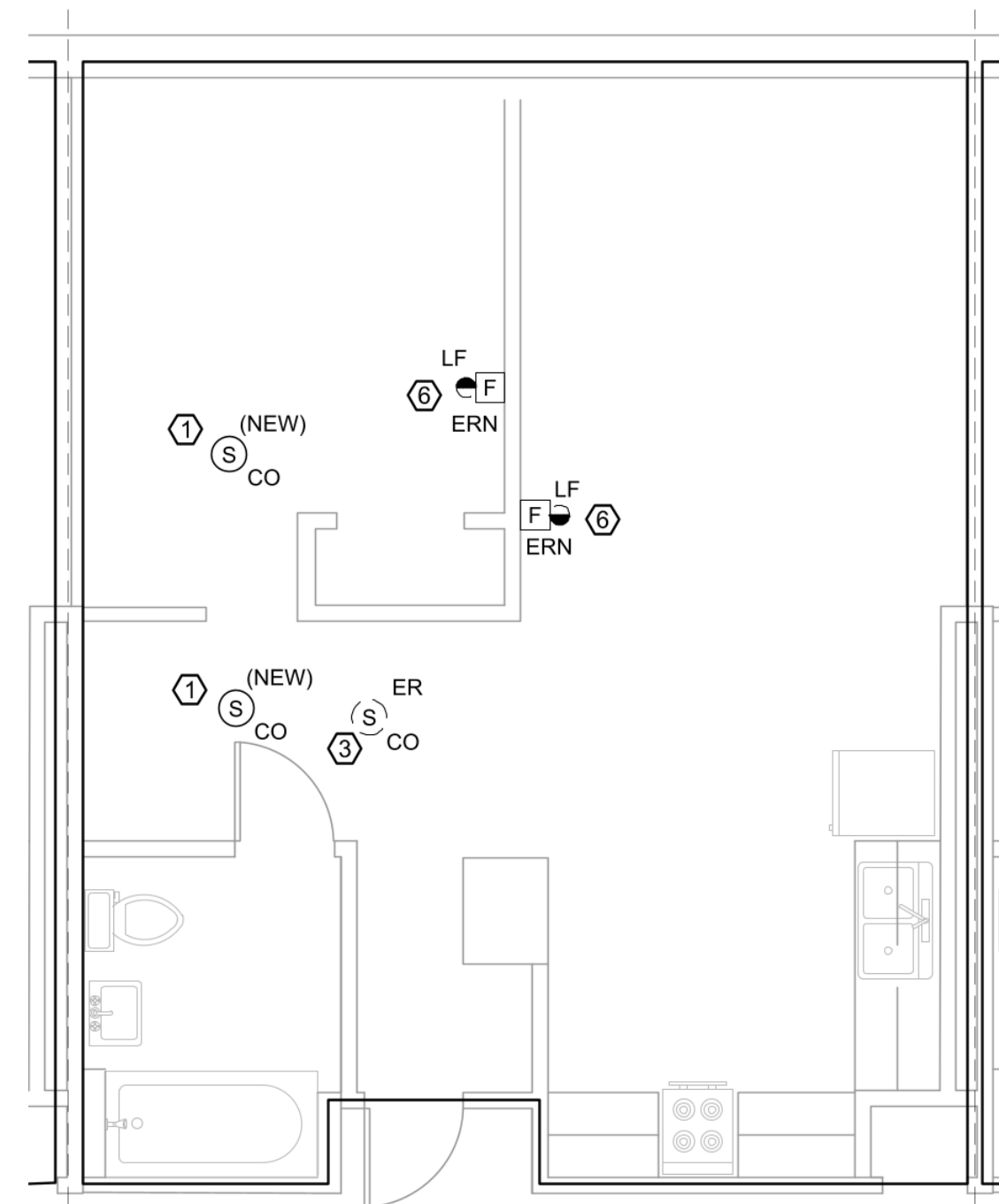


Smoke/Carbon Monoxide Detectors for:  
**Pawtucket Housing Authority**

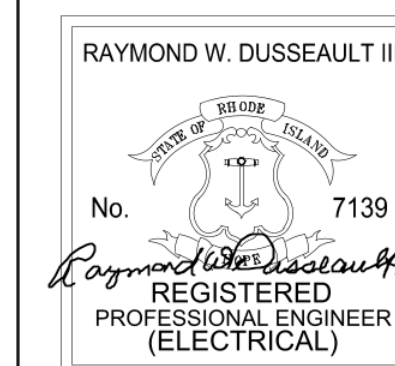
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**SHEET CONTENTS:**  
FOGARTY MANOR  
— SINGLE  
BEDROOM & TWO  
BEDROOM PART  
PLANS

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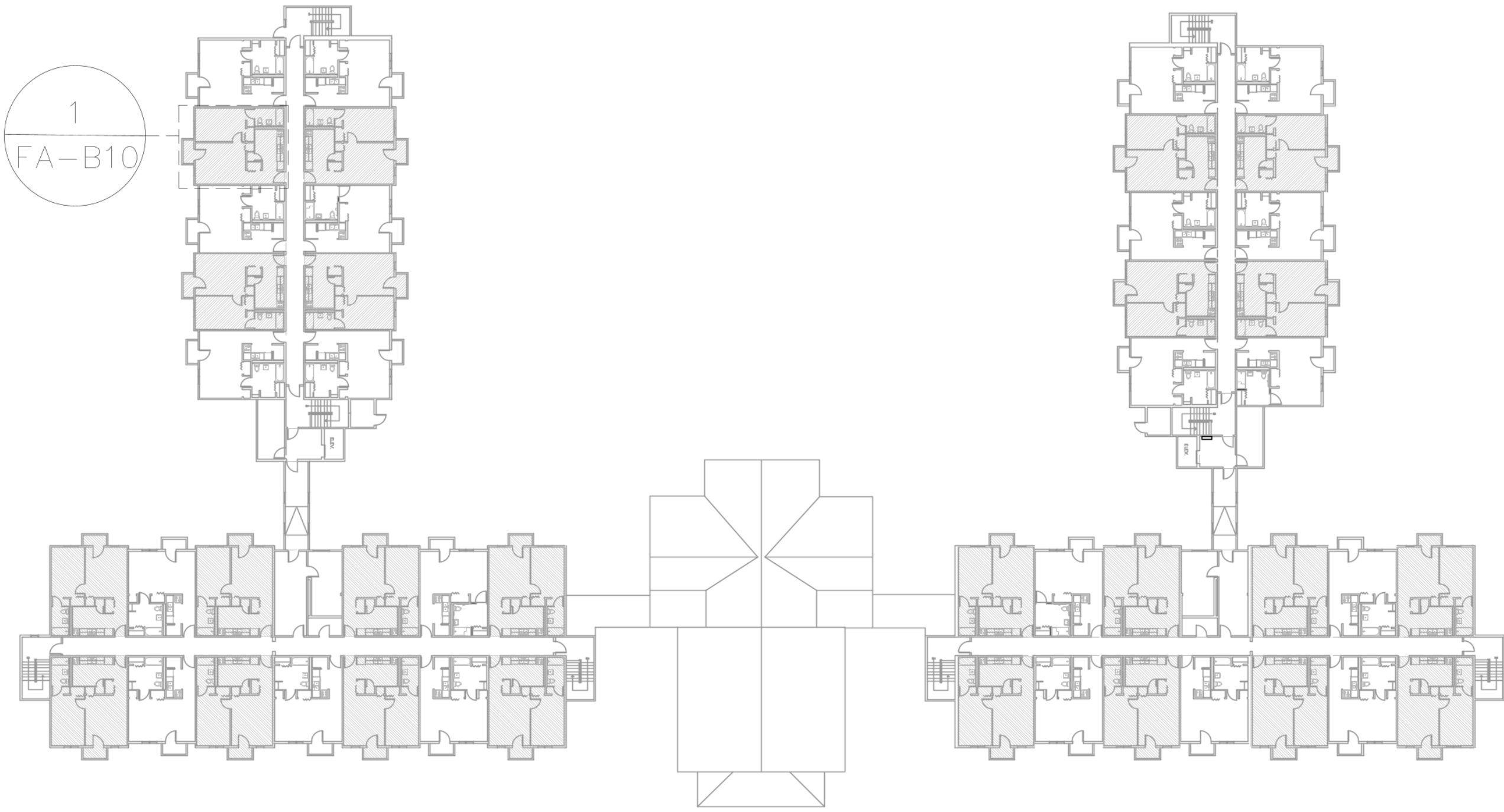
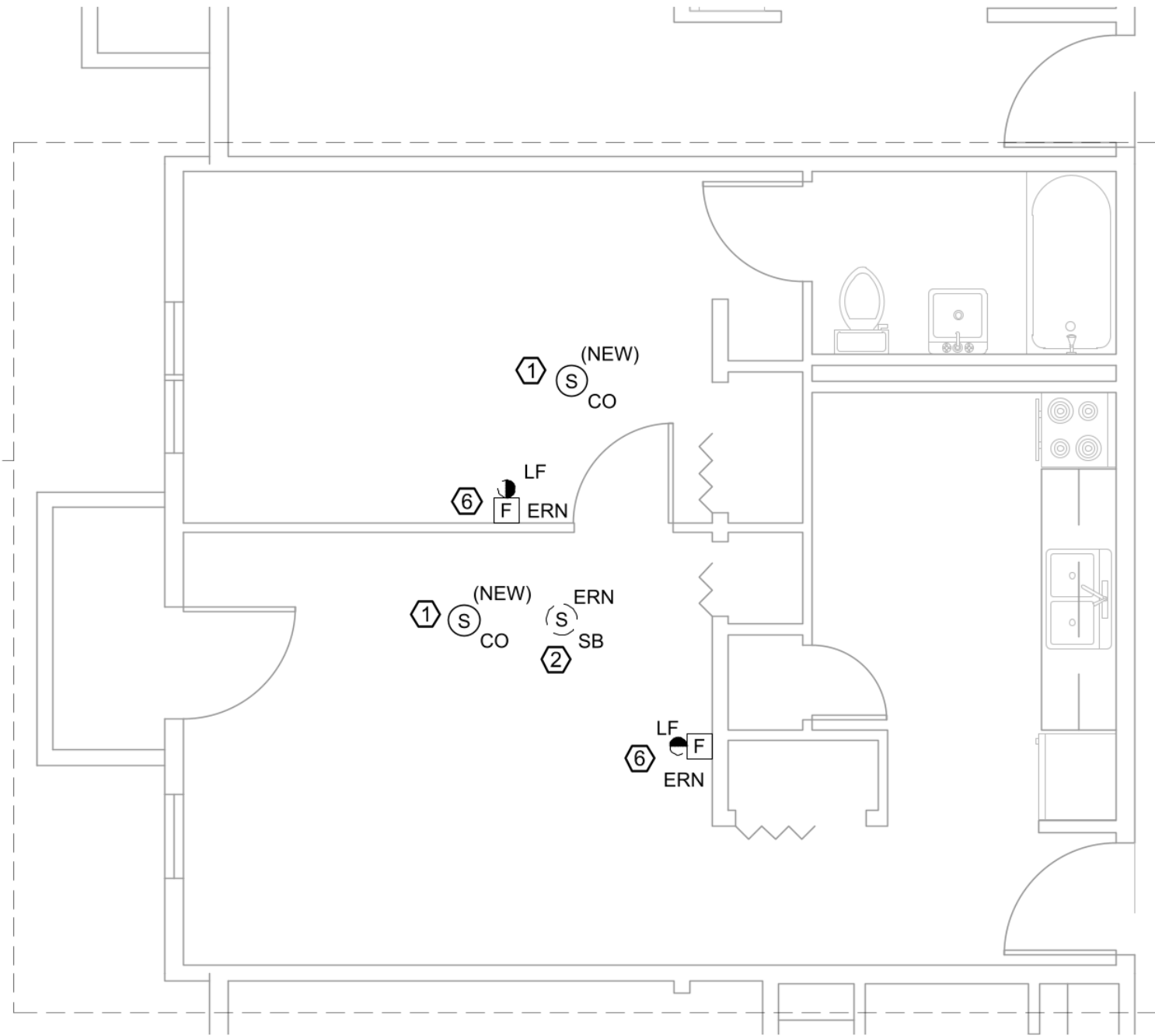
FA-F10

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1 FIRE ALARM - ENLARGE SINGLE BEDROOM FLOOR PLAN - EXISTING/NEW  
1/4" = 1'-0"



KEY PLAN

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SHEET CONTENTS:  
BURNS MANOR - 1  
SINGLE BEDROOM  
PART PLANS

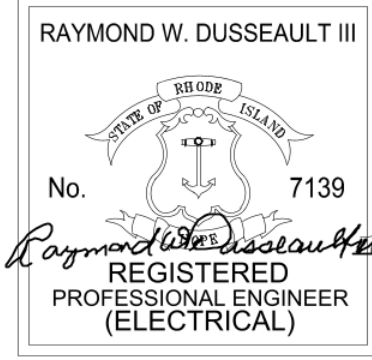
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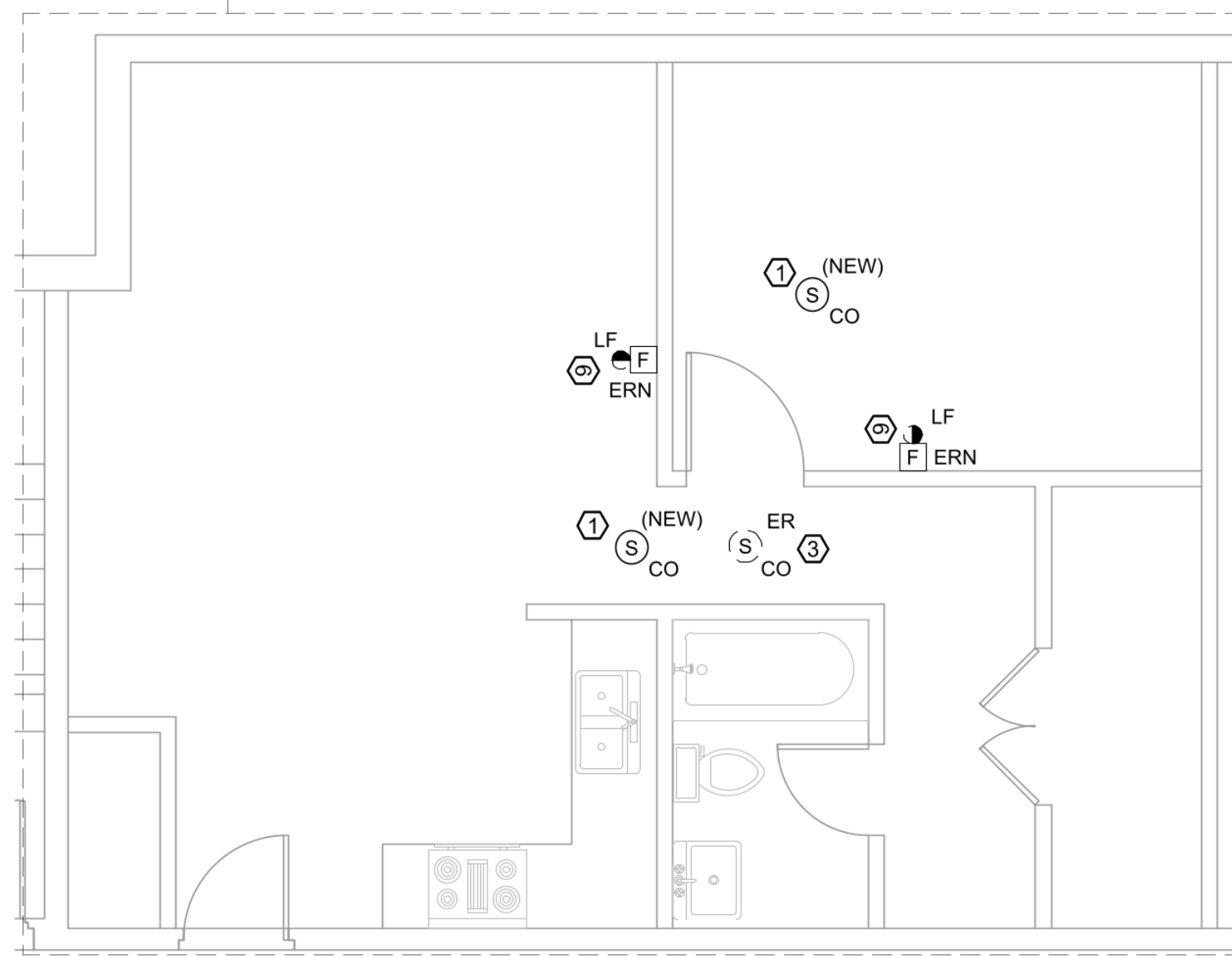
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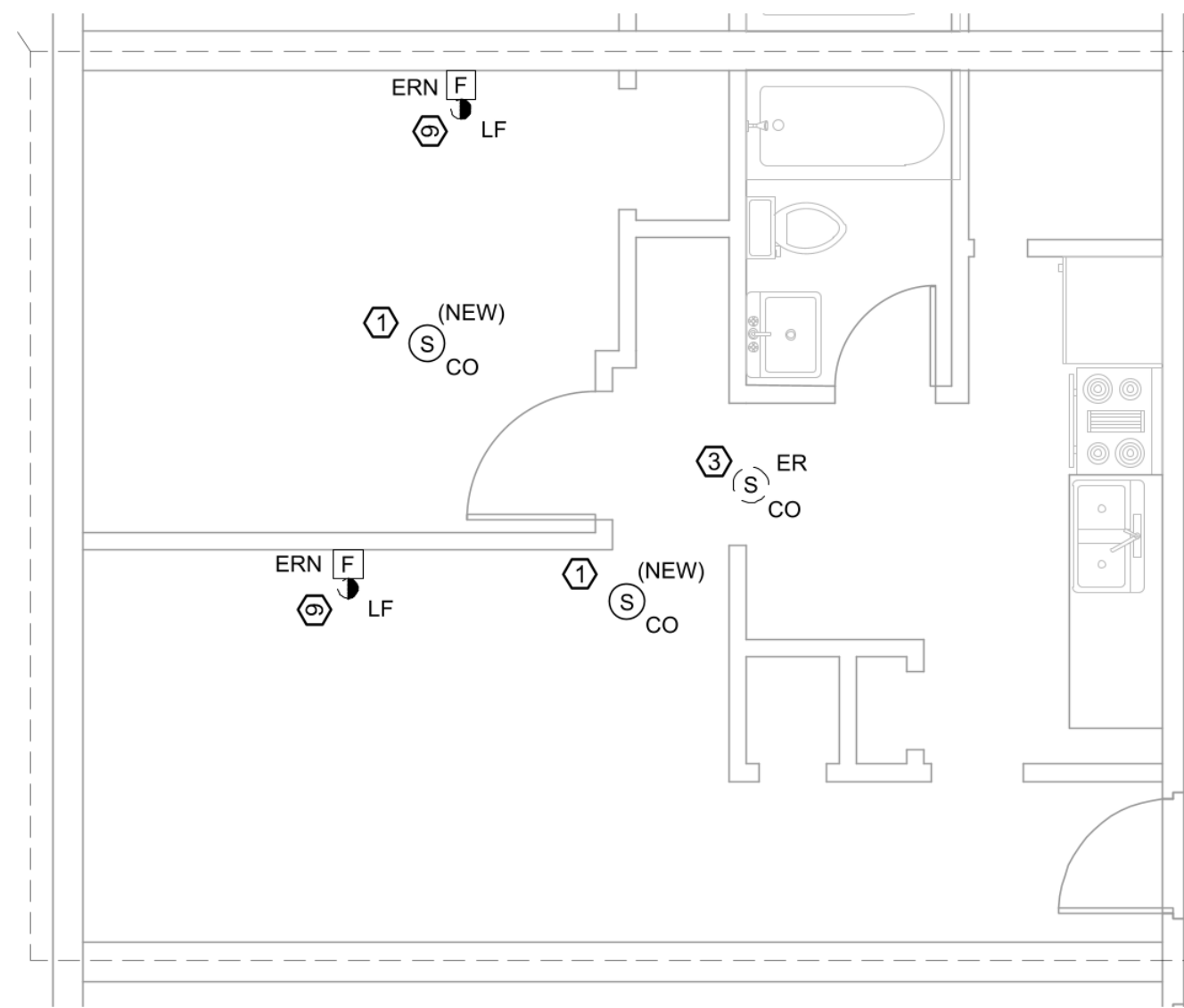
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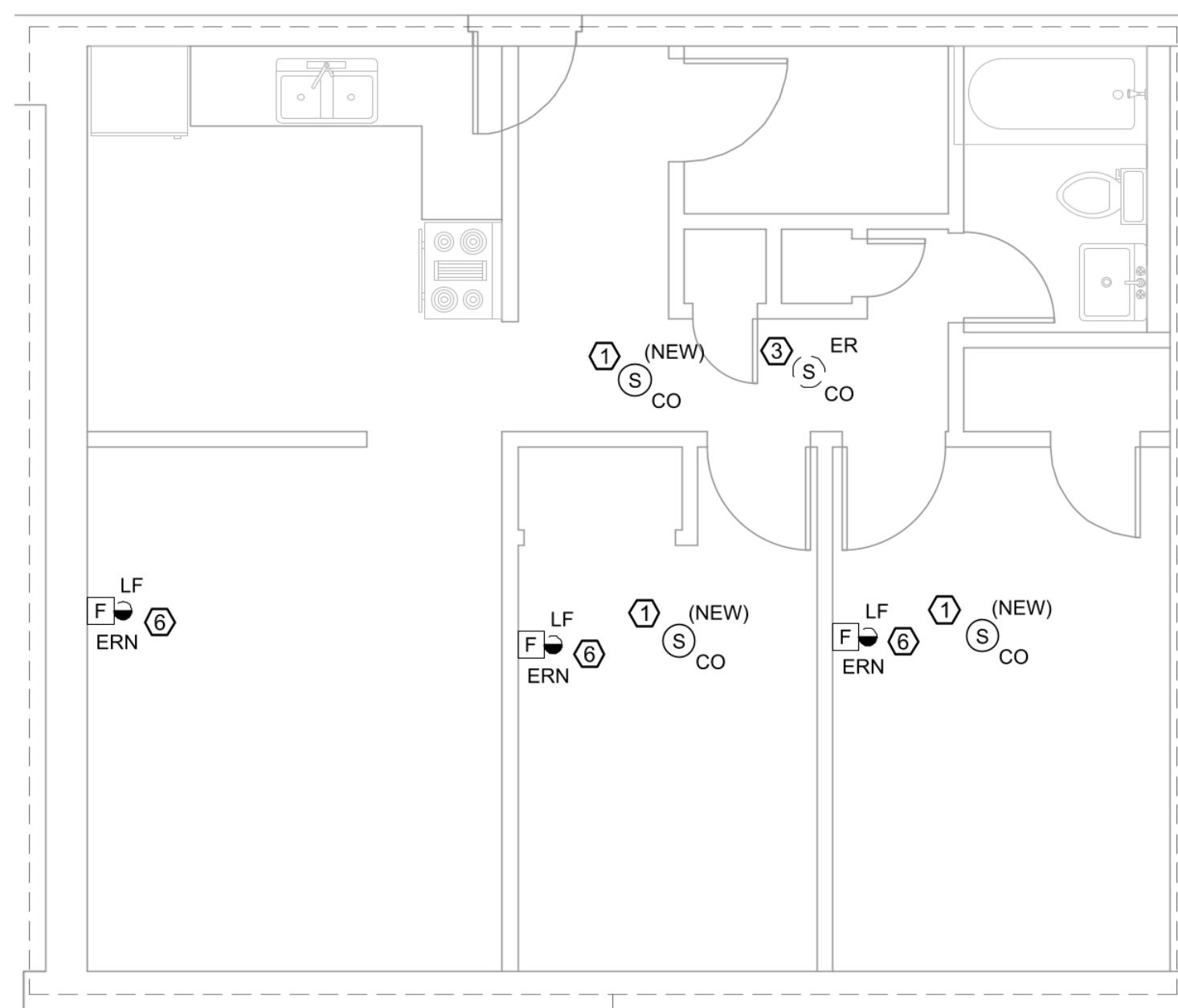
**Ed Wojcik**  
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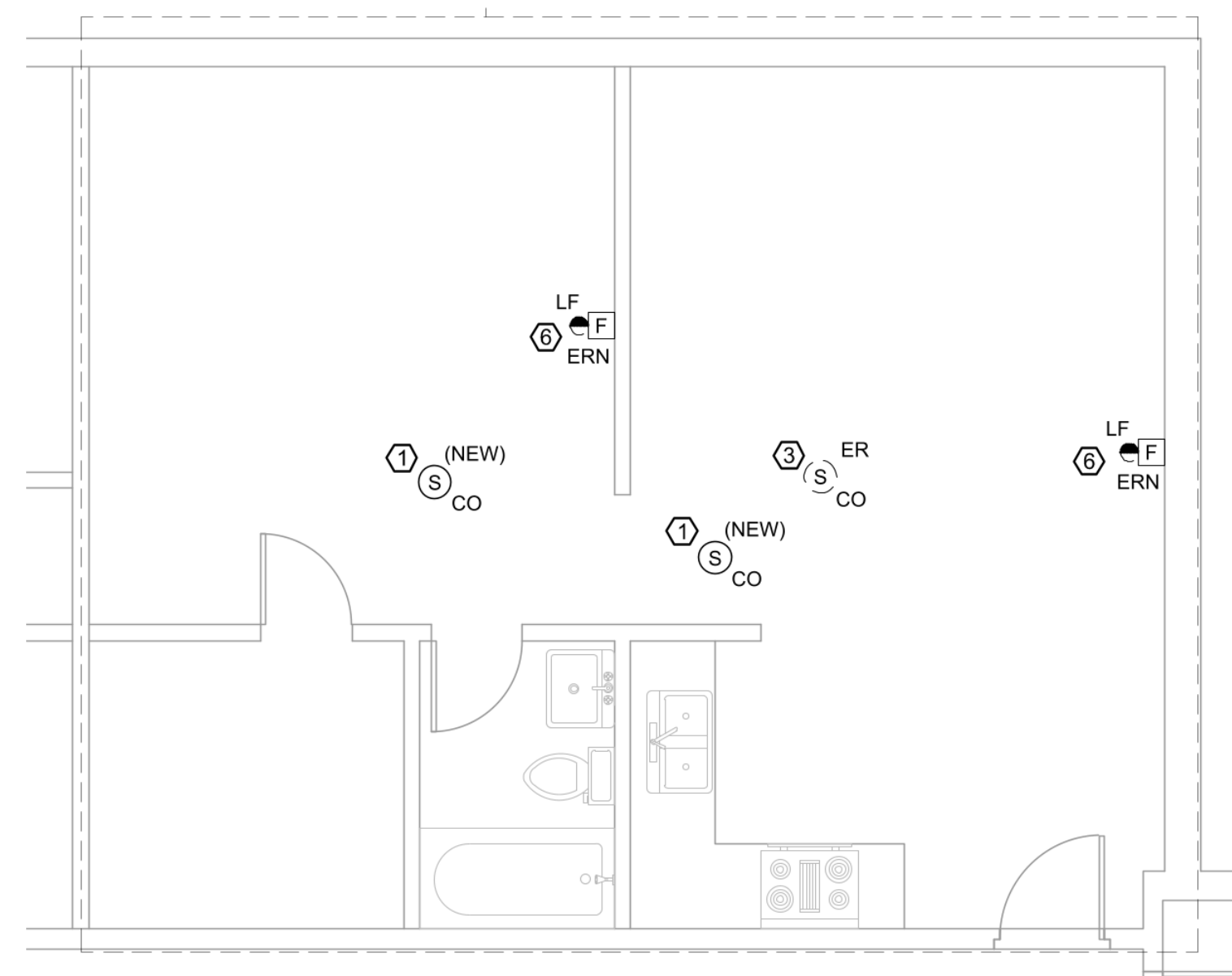
① FIRE ALARM - ENLARGE FLOOR PLAN - UNIT 1 BED - TYPE A - EXISTING/NEW  
1/4" = 1'-0"



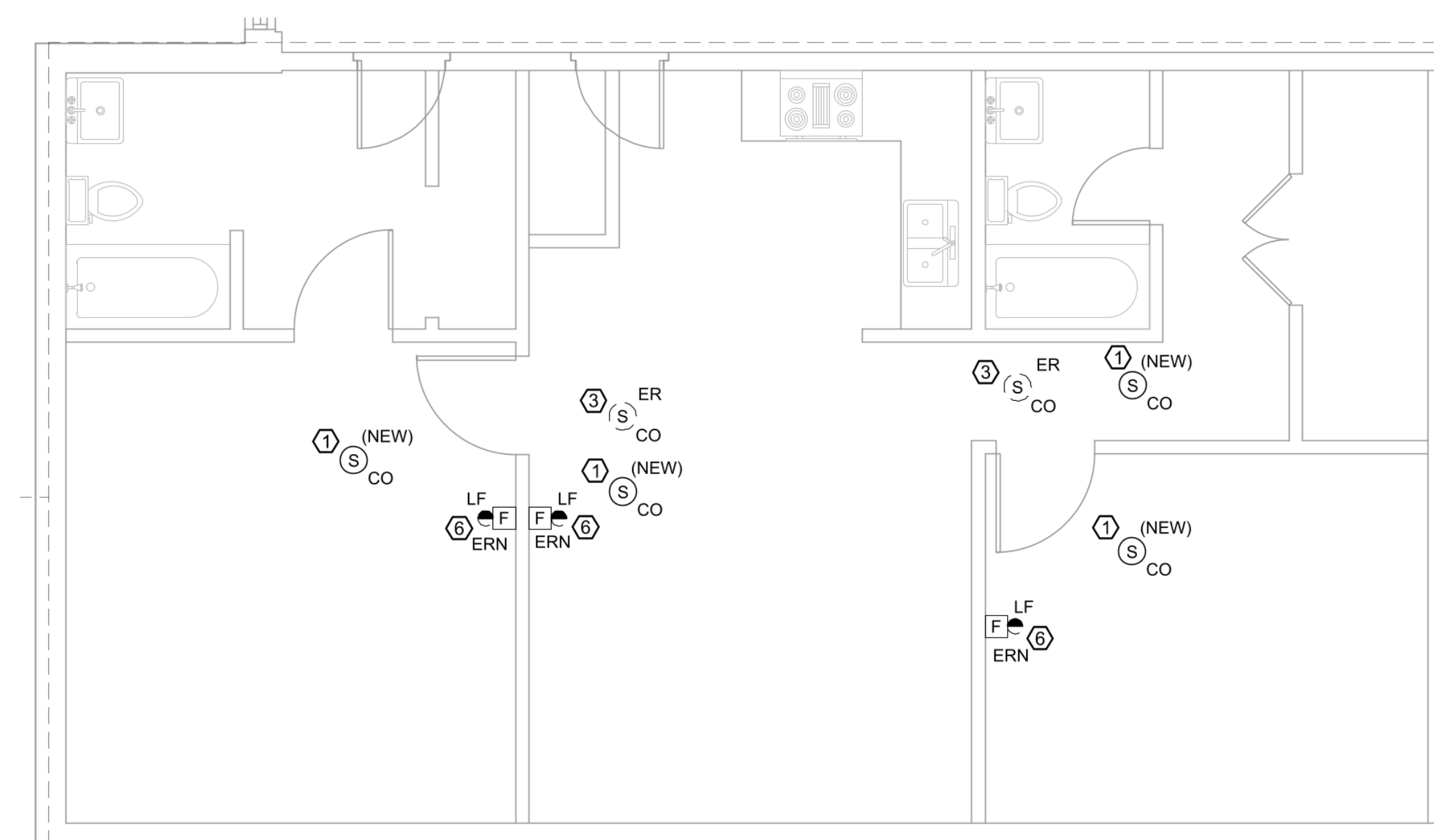
② FIRE ALARM - ENLARGE FLOOR PLAN - UNIT 1 BED - TYPE B - EXISTING/NEW  
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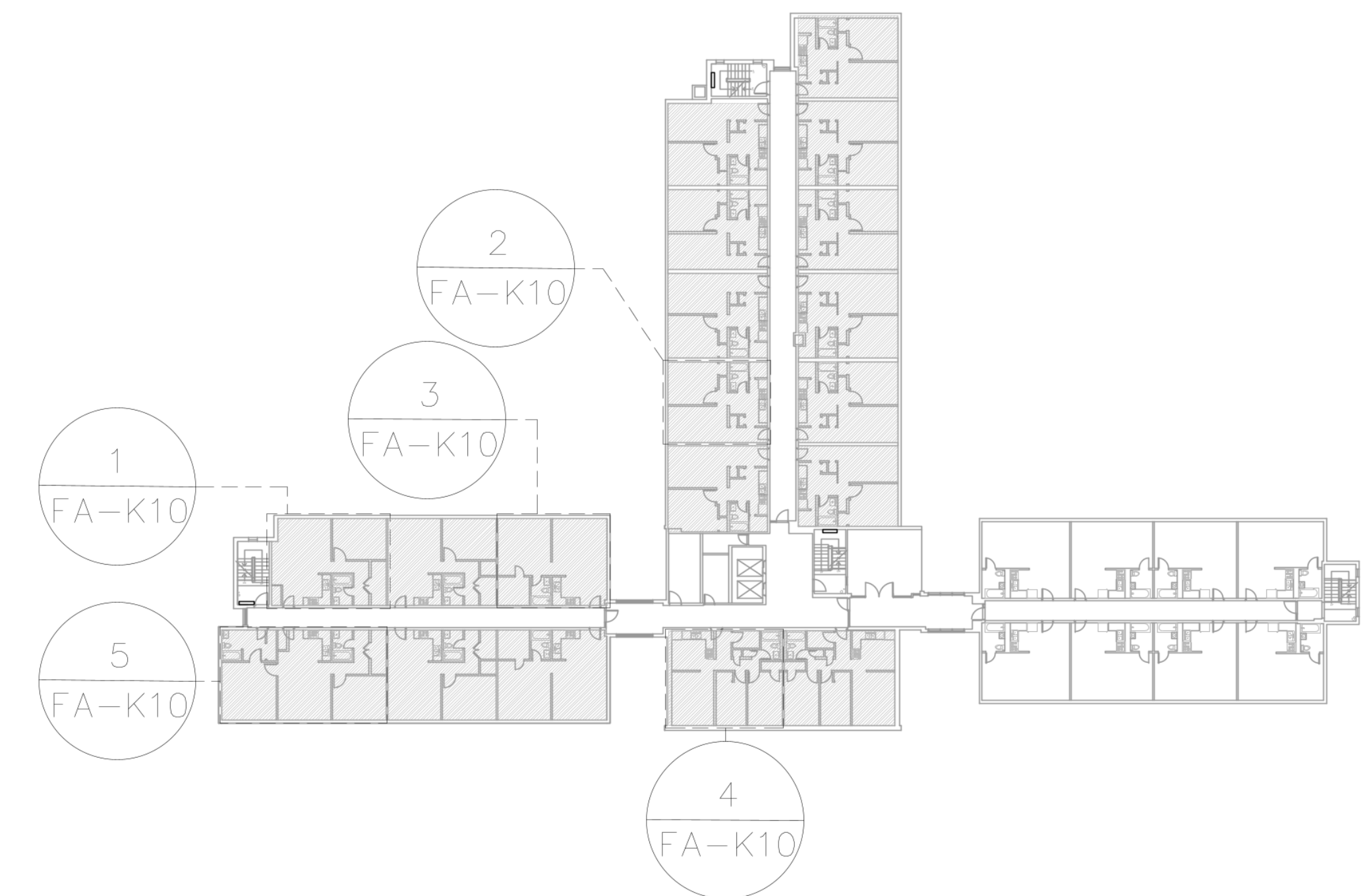
④ FIRE ALARM - ENLARGE FLOOR PLAN - UNIT 2 BED - TYPE A - EXISTING/NEW  
1/4" = 1'-0"



③ FIRE ALARM - ENLARGE FLOOR PLAN - UNIT 1 BED - TYPE C - EXISTING/NEW  
1/4" = 1'-0"

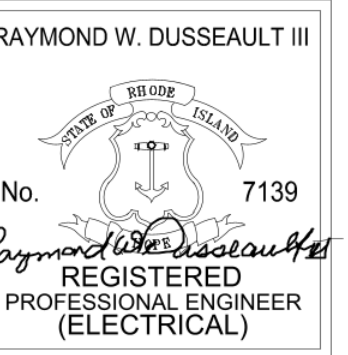


⑤ FIRE ALARM - ENLARGE FLOOR PLAN - UNIT 2 BED - TYPE B - EXISTING/NEW  
1/4" = 1'-0"



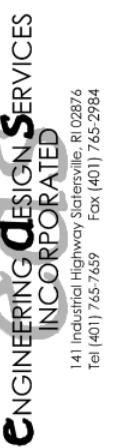
## KEY PLAN

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SHEET CONTENTS:  
KENNEDY MANOR —  
SINGLE BEDROOM  
& TWO BEDROOM  
PART PLANS

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**E-A-K10**

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