

FIRE ALARM SYMBOLS:

- MANUAL FIRE ALARM STATION
INSTITUTIONAL MANUAL PULL STATION
WEATHERPROOF MANUAL FIRE ALARM STATION
MANUAL FIRE ALARM STATION IN LOCK BOX
RESIDENTIAL TYPE SMOKE DETECTOR
SMOKE DETECTOR
IN-DUCT SMOKE DETECTOR
SOUNDER SMOKE DETECTOR
HEAT DETECTOR
KITCHEN HOOD FIRE SUPPRESSION SYSTEM
FLOW SWITCH
VALVE SUPERVISORY SWITCH
PRESSURE SWITCH
HIGH/LOW AIR PRESSURE SUPERVISORY
POST INDICATOR VALVE
DELAYED EGRESS CONTROL
SPEAKER (1/2 WATT UNLESS NOTED)
PAGING SPEAKER
SPEAKER (1/2 WATT UNLESS NOTED)- STROBE
LIGHT

- BELL
BELL-STROBE
BELL-LIGHT
HORN
HORN-STROBE
HORN-LIGHT
CHIME
CHIME-STROBE
CHIME-LIGHT
STROBE
REMOTE INDICATOR LAMP
DOOR HOLDER
DOOR HOLDER WITH SMOKE DETECTOR
FIRE ALARM COMMAND CONSOLE
FIRE ALARM CONTROL PANEL
FIRE ALARM ANNUNCIATOR PANEL
LOCAL BLDG. FIRE ALARM ANNUNCIATOR PANEL
SITE NETWORK FIRE ALARM ANNUNCIATOR PANEL

- FIRE PUMP CONTROL PANEL
REMOTELOCATED CONTROL PANEL
FIRE ALARM POWER SUPPLY
ELEVATOR RECALL LIGHT RELAYS
ELEVATOR CONTROL RELAYS
ELEVATOR POWER MONITOR RELAY
ELEVATOR POWER SHUTDOWN RELAYS
EMERGENCY GENERATOR CONTROL PANEL
NOTIFICATION APPLIANCE CIRCUIT EXTENDER
FIRE ALARM TRANSMITTER
FIRE ALARM RECORDER
UNINTERRUPTIBLE POWER SUPPLY
FIRE ALARM BATTERIES
FIRE ALARM BATTERIES CHARGER
CRT WITH KEYBOARD - OPERATOR'S TERMINAL
FIRE ALARM PRINTER
FIRE ALARM TERMINAL CABINET
FIBER OPTICS BREAKOUT BOX
DAMPER CONTROL
FAN CONTROL
COMBINATION FIRE AND SMOKE DAMPER

- SMOKE DAMPER
FIRE DAMPER
FIRE SHUTTER RELAY
ELECTRICAL PANEL
ELEVATOR CONTROLLER
KEY TEST SWITCH
RELAY PANEL
CONTROL MODULE RELAY
MONITORING MODULE RELAY
MAGNETIC DOOR LOCK RELEASE
REMOTE TEST
FIRE FIGHTER PHONE
DISTRIBUTED AMPLIFIER
PAGING SYSTEM REMOTE AMPLIFIER
PAGING SYSTEM CONTROL PANEL
FIRE ALARM SIGNAGE
TEMPORARY FIRE ALARM STATION
ROTATING BEACON
SMOKE DETECTOR-HEAT DETECTOR
MAN HOLE

THE FOLLOWING DEVICE NOTATIONS, LOCATED AT THE LOWER LEFT CORNER OF THE SYMBOL, APPLY TO ALL DEVICES AND/OR EQUIPMENT LISTED ABOVE:

N - NEW
E - EXISTING TO BE REUSED OR REPLACED
R - EXISTING TO BE REPLACED
D - EXISTING TO BE REMOVED (DELETED)
F - FUTURE DEVICE TO BE INSTALLED UNDER DIFFERENT PROJECT

EXAMPLES:
MANUAL FIRE ALARM STATION - EXISTING TO BE REPLACED
SMOKE DETECTOR - NEW
CHIME-STROBE INDICATING DEVICE - EXISTING TO BE REUSED OR REPLACED
DOOR HOLDER - EXISTING TO BE REMOVED
FLOW SWITCH - FUTURE
PLASTER, GYPSUM, OR SPLINE CEILINGS

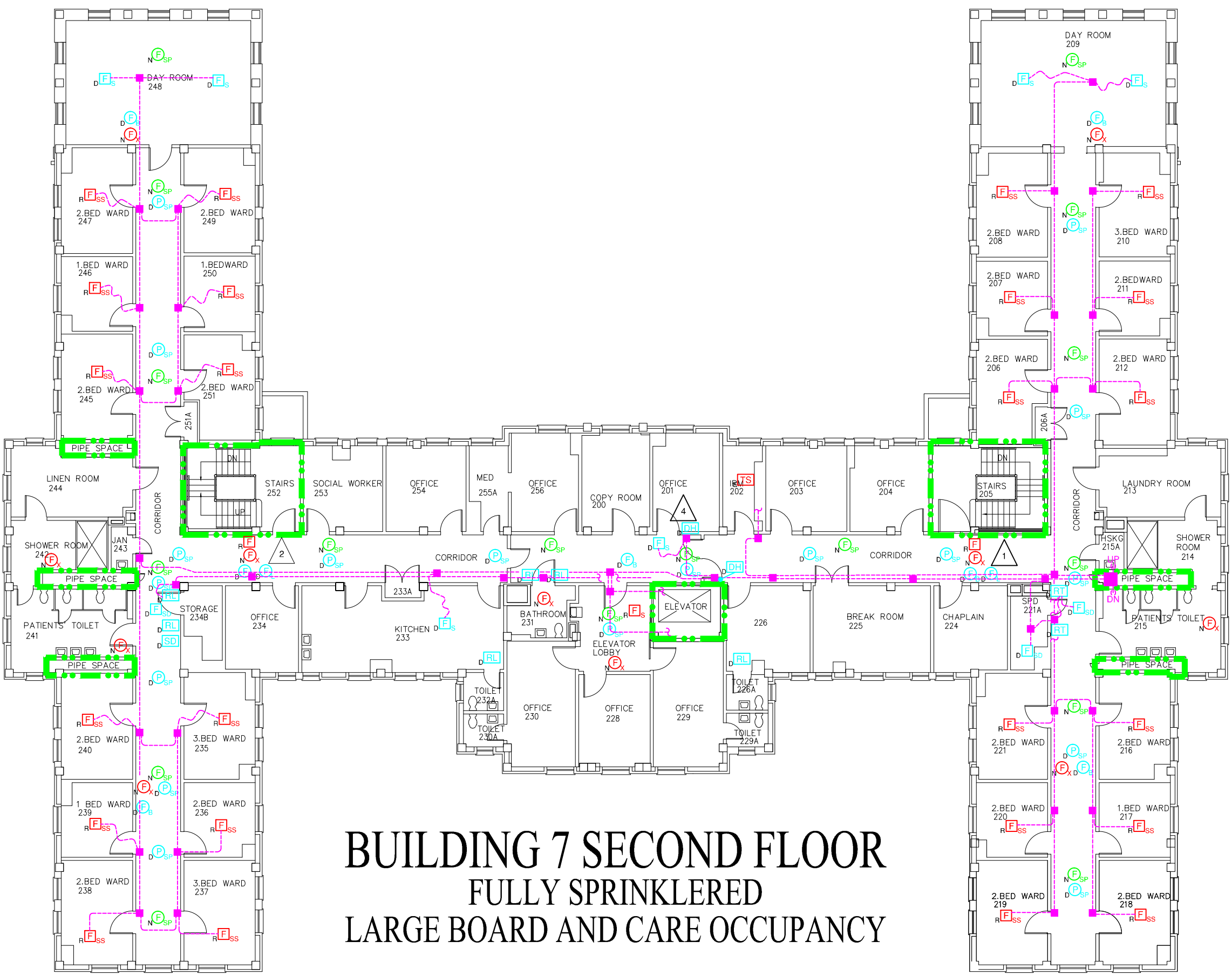
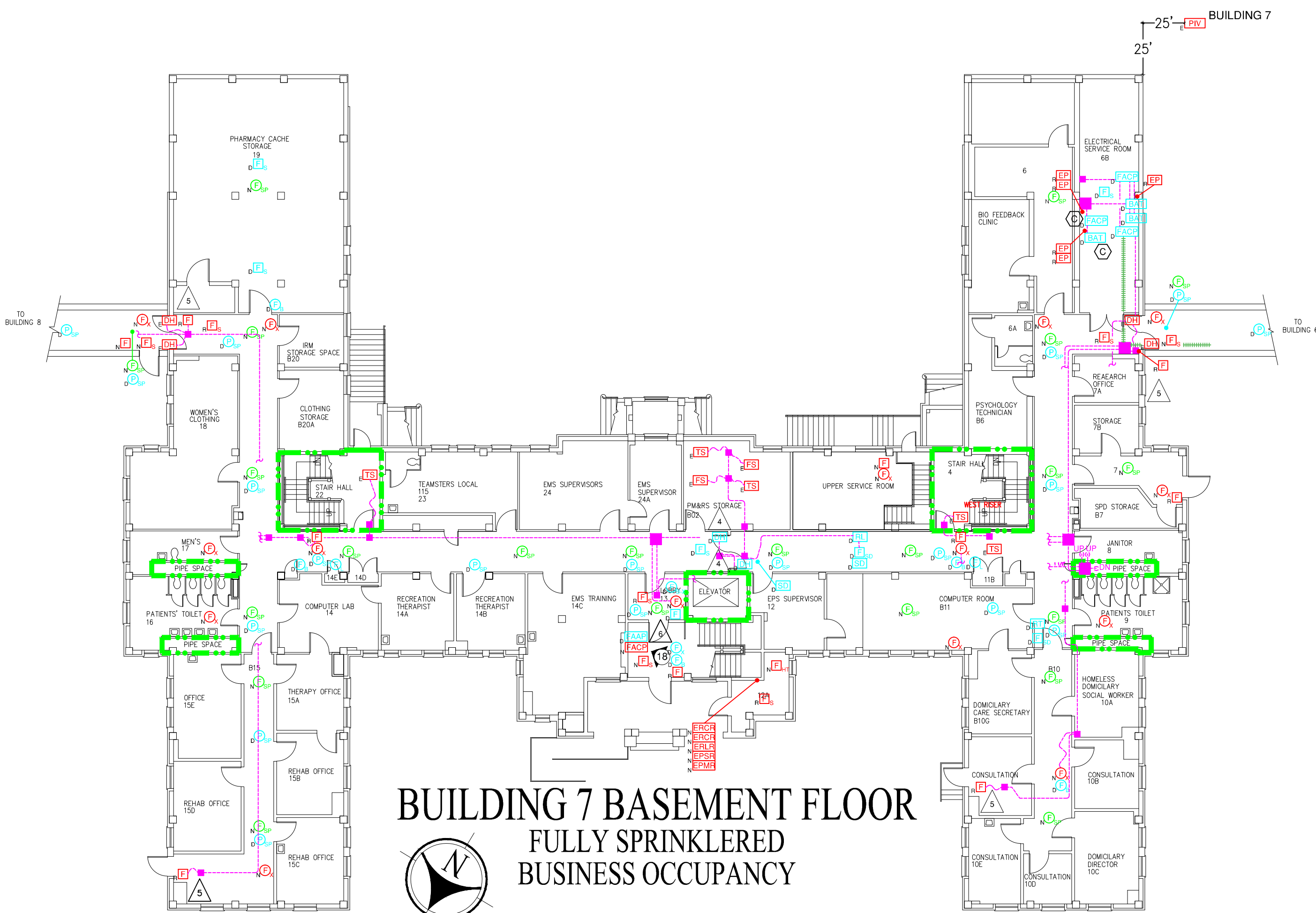
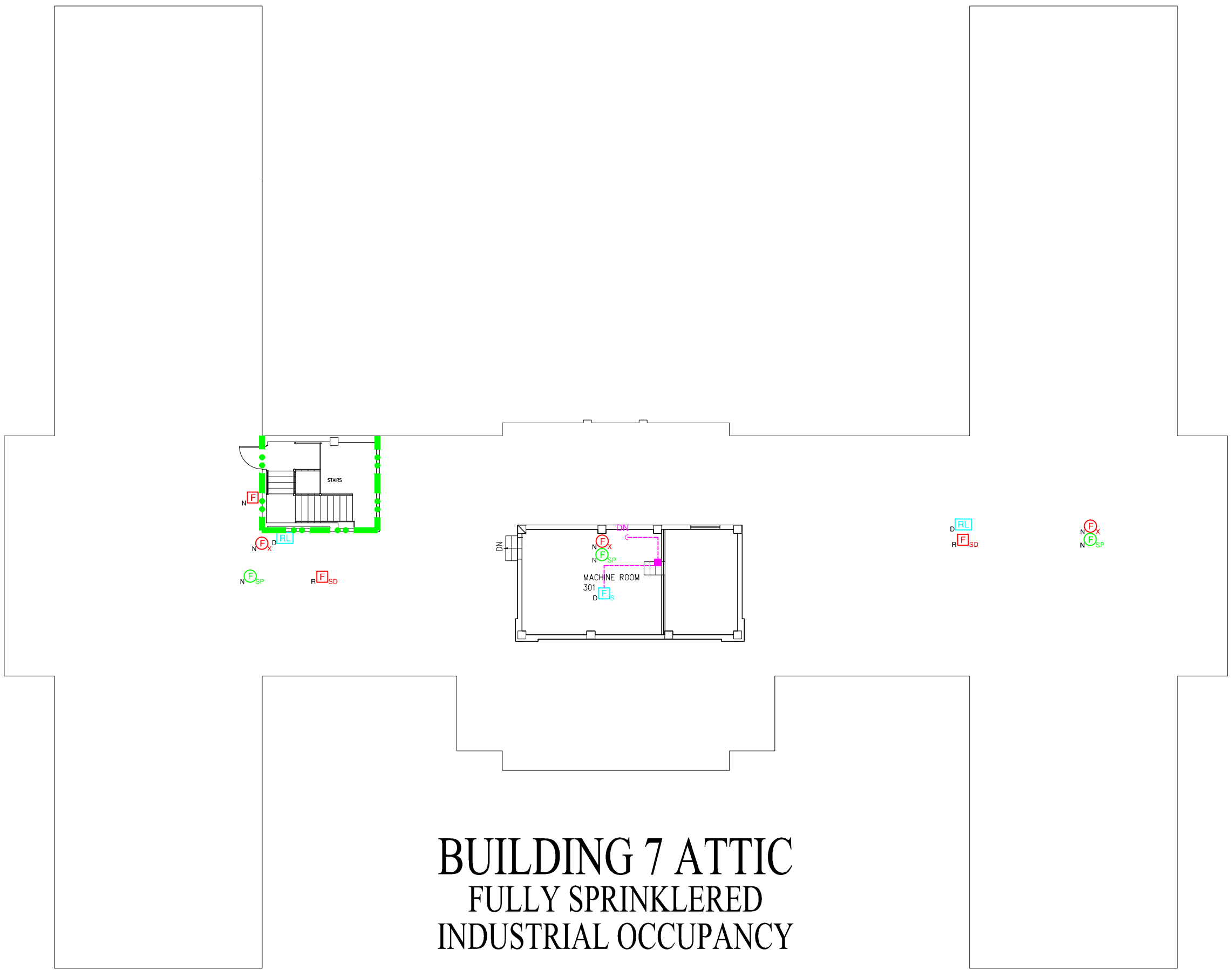
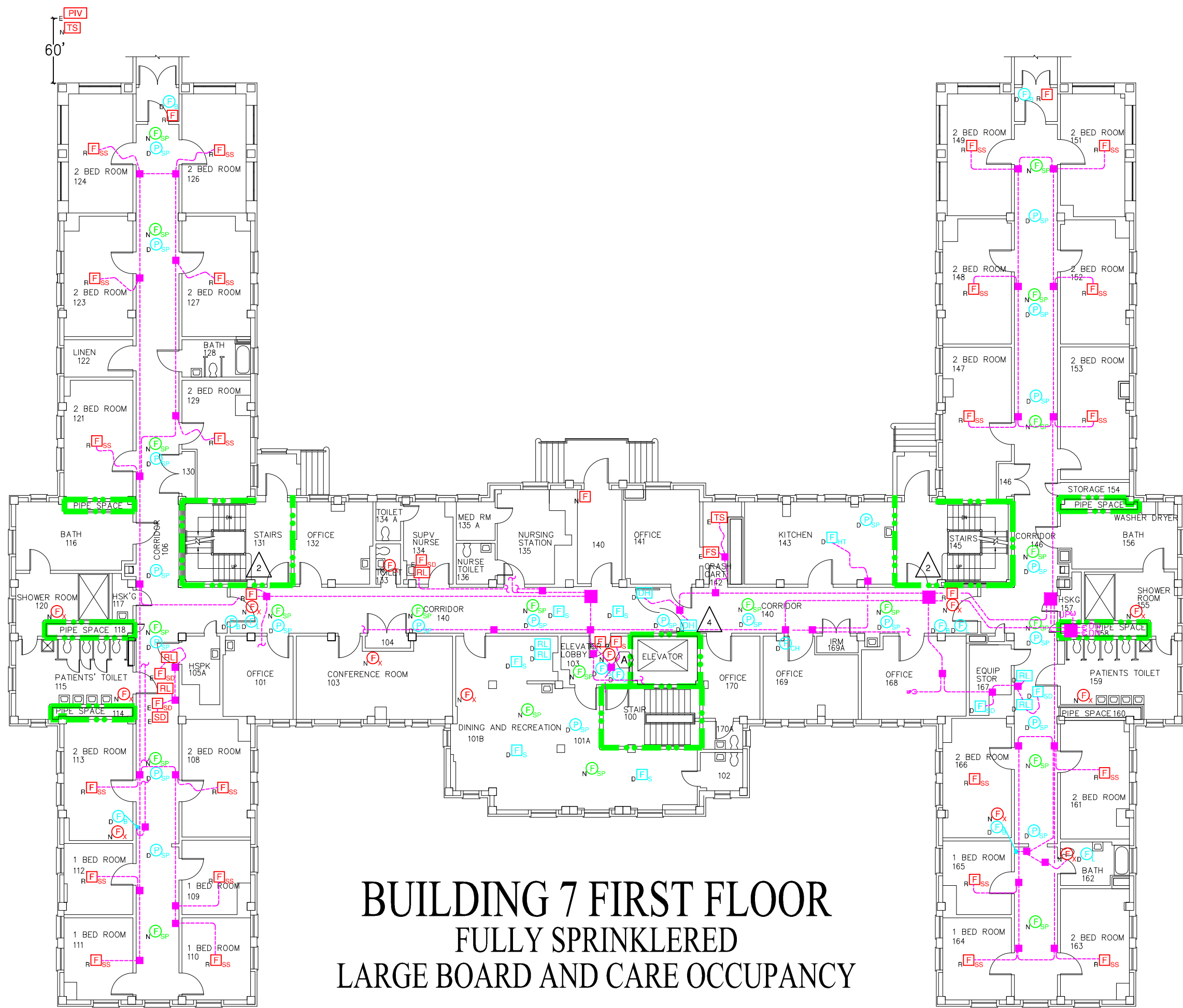
- EXISTING NETWORK CONDUIT
EXISTING FIRE ALARM CONDUIT AND LARGE JUNCTION BOX
EXISTING FIRE ALARM CONDUIT AND JUNCTION BOX
EXISTING FIRE ALARM CONDUIT GOING UP, DOWN, END OR INTO THE INTERSTITIAL SPACE
EXISTING FIRE ALARM FLEX CONDUIT AND JUNCTION BOX
EXISTING FIRE ALARM WIRE AND JUNCTION BOX
EXISTING FIRE ALARM CONDUIT WITH BREAKS TO SHOW PATH OF CONDUIT NOT TRACEABLE PAST THIS POINT
EXISTING SITE FIRE NETWORK ROUTE
1 - HOUR FIRE RATED PARTITION
2 - HOUR FIRE RATED PARTITION
COMBINED 1-HOUR FIRE RATED PARTITION AND SMOKE BARRIER
COMBINED 2-HOUR FIRE RATED PARTITION AND SMOKE BARRIER
SMOKE RESISTANT PARTITION
FIRE ALARM ZONE BOUNDARY

DRAWING KEY NOTES:

- MAINTAIN MINIMUM 3 FT. OF CLEARANCE FROM ANY HVAC SUPPLY GRILL FOR SMOKE DETECTOR.
PAINT THE WALL AFTER REMOVING THE PROTECTIVE COVER.
SALVAGE AND RETURN TO VA.

GENERAL FIRE ALARM KEY NOTES:

- REMOVE PROTECTIVE COVER FROM PULL STATION AND RETURN TO VA.
REINSTALL PROTECTIVE COVER FOR PULL STATION.
REMOVE SURFACE MOUNTED CONDUIT AND REPLACE WITH NEW RECESSED CONDUIT.
REMOVE DOORS AND DOOR STOPS. BLANK OFF HINGE PLATE OPENINGS AND PATCH DOOR HOLDER/CLOSER MOUNT OPENINGS. REPAINT ENTIRE DOOR FRAME TO MATCH EXISTING COLOR.
NEW OR EXISTING WALL SURFACE MOUNTED DEVICE.




6

1. REPLACE UP TO 50 FT. OF 3/4" BRANCH PIPING & INSULATION IN CRAWL SPACE BELOW FLOOR SLAB IF REQUIRED. PROVIDE DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN DIFFERING METALS. INSULATION BEHIND UNIT COVER SHALL BE 1/2-INCH THICK. INSULATION IN CRAWL SPACE SHALL BE 1 1/2" THICK FIBERGLASS, JOHNS MANVILLE, MICRO-LOK AP-T PLUS OR EQUIVALENT WITH KRAFT JACKET AND PVC PREMOLDED FITTING COVERS, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
2. FCU SHALL BE TRANE FORCE FLO CABINET HEATER OR EQUIVALENT WITH FOLLOWING FEATURES:
- A. SIZE 040, VERTICAL, RECESSED, 3-ROW 4W COIL (30 M9H, 365 CFM AT HIGH SPEED), 2.0 GPM, 5.55 FT WPD, 58 MOTOR WATTS, 115V, 3.1 FLA
 - B. DELUXE PIPING PACKAGE WITH 3-WAY MODULATING CONTROL VALVE, AND MANUAL CIRCUIT SETTER. (CONTRACTOR SHALL FIELD VERIFY FOR OPTIMAL ORIENTATION - RH OR LH PIPING CONNECTIONS)
 - C. TRACER ZN520 CONTROLLER WITH UNIT MOUNTED ZONE SENSOR BEHIND LOCKABLE ACCESS PANEL
 - D. ELECTRICALLY COMMUTATED MOTOR (ECM)
 - E. 1-INCH THROWAWAY FILTER AND SPARE
 - F. DISCONNECT SWITCH
 - G. NO OUTSIDE AIR INTAKE
 - H. STANDARD COLOR (SUBMIT COLOR CHART)
 - I. PROJECTION PANEL ONLY IF INSUFFICIENT WALL DEPTH. CONTRACTOR VERIFY.
3. ELECTRIC FEED SHALL BE RUN IN CONDUIT THROUGH CRAWL SPACE BELOW FLOOR TO DEDICATED FCU PANEL. (ON EMERGENCY POWER) IN SUBBASEMENT SERVICE ROOM.
4. THE NEW FCU IS SMALLER THAN THE EXISTING RADIATOR. PROVIDE WALL FRAMING AS REQUIRED TO SECURELY FILL THE UNUSED OPENING AND PROVIDE SURFACE MATERIALS AND FINISH TO MATCH ADJACENT MATERIALS AND FINISH. REPAINT THE WALL.

BUILDING 7 BASEMENT FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY

BUILDING 7 SECOND FLOOR
FULLY SPRINKLERED
LARGE BOARD AND CARE OCCUPANCY

Revisions		Date	 <div>Dept. of Veterans Affairs VA Medical Center 1400 Black Horse Hill Road Coatesville, PA 19320</div>	 <div>1st FIRE PROTECTION & CODE CONSULTANTS, INC. 1520 MAIN STREET INDIANAPOLIS, IN 46224 (317)486-5188</div>			Approved: Chief, Facilities Management Services		Drawing Title BUILDING 7 BASEMENT, FIRST, SECOND AND THIRD FLOORS		Project Title REPLACE FIRE ALARM SYSTEM		Date 1/25/11		Department of Veterans Affairs				
					Approved: Medical Center Director						Scale: 1/16"=1'-0"								
					Approved:		Client Project No. 542-07-103		Contract No. VA244-P-1473		Designed By SCR		Checked By SCR			Drawn By SF/DN/JV		Drawing No. FA-7	
					Approved:		Building No. 7		AutoCAD File Name Z1 FA07 7-ALL		Location VA MEDICAL CENTER COATESVILLE, PENNSYLVANIA		Dwg. 11 of 28						
FP&C Proj.#:		1853.00																	

F	MANUAL FIRE ALARM STATION
F	INSTITUTIONAL MANUAL PULL STATION
F	WEATHERPROOF MANUAL FIRE ALARM STATION
F ₁	MANUAL FIRE ALARM STATION IN LOCK BOX
F ₂	RESIDENTIAL TYPE SMOKE DETECTOR
F ₃	SMOKE DETECTOR
F ₄	IN-DUCT SMOKE DETECTOR
F ₅	SOLAR SMOKE DETECTOR
F ₆	HEAT DETECTOR
K	KITCHEN HOOD FIRE SUPPRESSION SYSTEM
TS	FLOW SWITCH
TS	VALVE SUPERVISORY SWITCH
TS	PRESSURE SWITCH
TS	HIGH/LOW AIR PRESSURE SUPERVISORY
VAL	POST INDICATOR VALVE
VEG	DELAYED EGRESS CONTROL
SPK ₁	SPEAKER (1/2 WATT UNLESS NOTED)
SPK ₂	PAGING SPEAKER
SPK ₃	SPEAKER (1/2 WATT UNLESS NOTED) - STROBE
LI	LIGHT

- | | | | |
|--------------------|---|----------|--|
| (D ₁) | BELL | (FSPC) | FIRE PUMP CONTROL PANEL |
| (D ₂) | BELL-STROBE | (SLCP) | REMOTELY LOCATED CONTROL PANEL |
| (D ₃) | BELL-LIGHT | (FAPS) | FIRE ALARM POWER SUPPLY |
| (D ₄) | HORN | (ERS-R) | ELEVATOR RECALL LIGHT RELAYS |
| (D ₅) | HORN-STROBE | (ERCP-2) | ELEVATOR RECALL CONTROL RELAYS |
| (D ₆) | HORN-LIGHT | (EPMR) | ELEVATOR POWER MONITOR RELAY |
| (D ₇) | CHIME | (EPRS) | ELEVATOR POWER SHUTDOWN RELAYS |
| (D ₈) | CHIME-STROBE | (EGCP) | EMERGENCY GENERATOR CONTROL PANEL |
| (D ₉) | CHIME-LIGHT | (NACE) | NOTIFICATION APPLIANCE CIRCUIT EXTENDER |
| (D ₁₀) | STROBE | (FAT) | FIRE ALARM TRANSMITTER |
| (HL) | REMOTE INDICATOR LAMP | (FAR) | FIRE ALARM RECORDER |
| (HSD) | DOOR HOLDER | (UNSP) | UNINTERRUPTIBLE POWER SUPPLY |
| (HSD-3) | DOOR HOLDER WITH SMOKE DETECTOR | (BAT) | FIRE ALARM BATTERIES |
| (FAP) | FIRE ALARM COMMAND CONSOLE | (FAR-CH) | FIRE ALARM BATTERIES CHARGER |
| (FAP-2) | FIRE ALARM CONTROL PANEL | (GRU) | GRIT WITH KEYBOARD - OPERATOR'S TERMINAL |
| (FAP-3) | FIRE ALARM ANNUNCIATOR PANEL | (FAP) | FIRE ALARM PRINTOUT |
| (FAP-4) | FIRE ALARM ANNUNCIATOR PANEL | (TAP) | FIRE ALARM TERMINAL CABINET |
| (FAP-5) | LOCAL BLDG. FIRE ALARM ANNUNCIATOR PANEL | (FB) | FIBER OPTICS BREAKOUT BOX |
| (FAP-6) | SITE NETWORK FIRE ALARM ANNUNCIATOR PANEL | (D) | DAMPER CONTROL |
| | | (FC) | FAN CONTROL |
| | | (FSD-2) | COMBINATION FIRE AND SMOKE DAMPER |

- | | |
|------------------|--------------------------------|
| SD | SMOKE DAMPER |
| FD | FIRE DAMPER |
| SR | FIRE SHUTTER RELAY |
| EP | ELECTRICAL PANEL |
| EC | ELEVATOR CONTROLLER |
| KS | KEY TEST SWITCH |
| RP | RELAY PANEL |
| CR | CONTROL MODULE RELAY |
| MR | MONITORING MODULE RELAY |
| ML | MAGNETIC DOOR LOCK RELEASE |
| RT | REMOTE TEST |
| FPH | FIRE FIGHTER PHONE |
| DAA | DISTRIBUTED AMPLIFIER |
| PSRA | PAGING SYSTEM REMOTE AMPLIFIER |
| PSCP | PAGING SYSTEM CONTROL PANEL |
| V | FIRE ALARM SIGNAGE |
| X | TEMPORARY FIRE ALARM STATION |
| Ⓢ _{rot} | ROTATING BEACON |
| HT _{HT} | SMOKE DETECTOR-HEAT DETECTOR |
| MH | MAN HOLE |

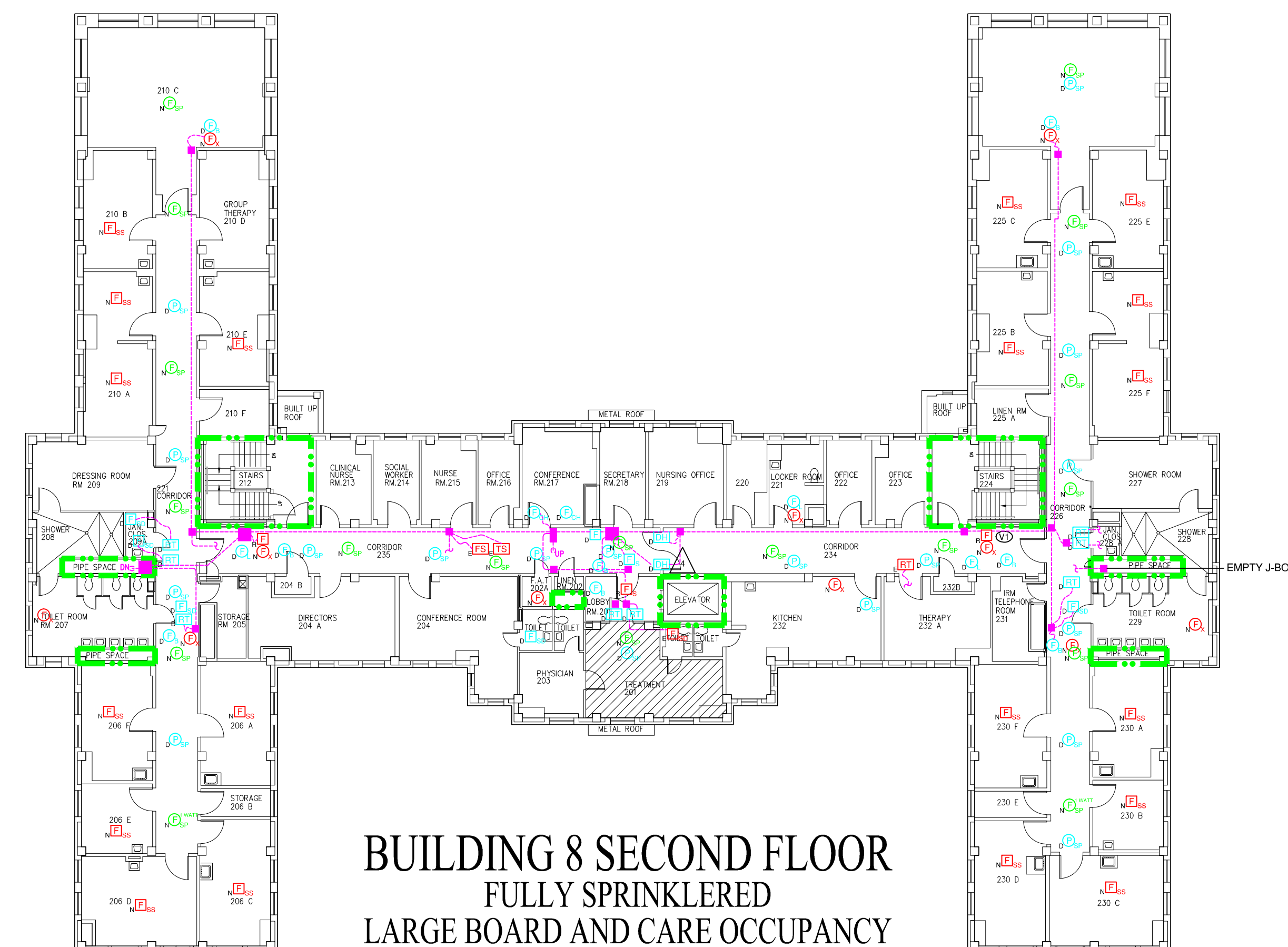
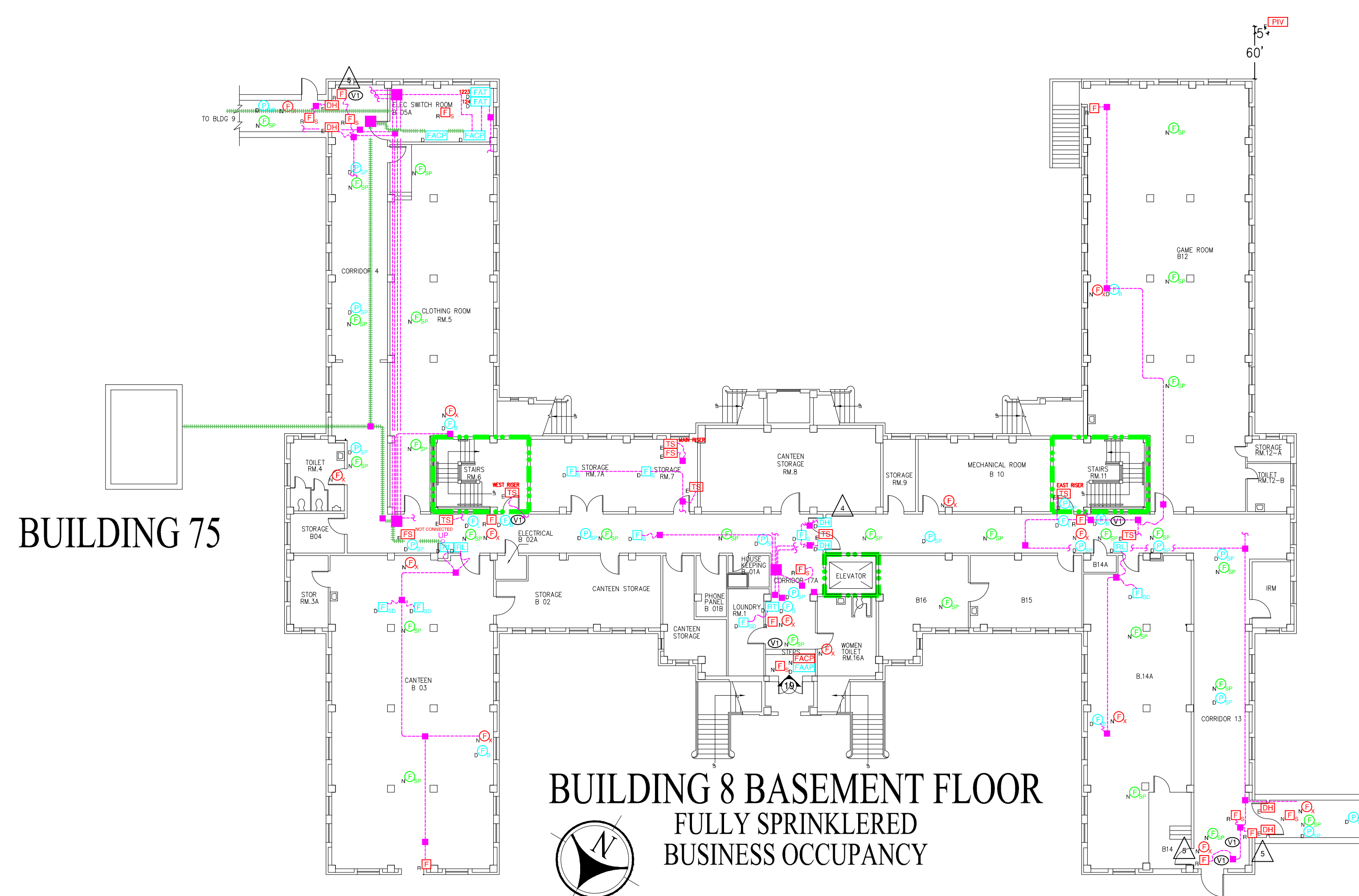
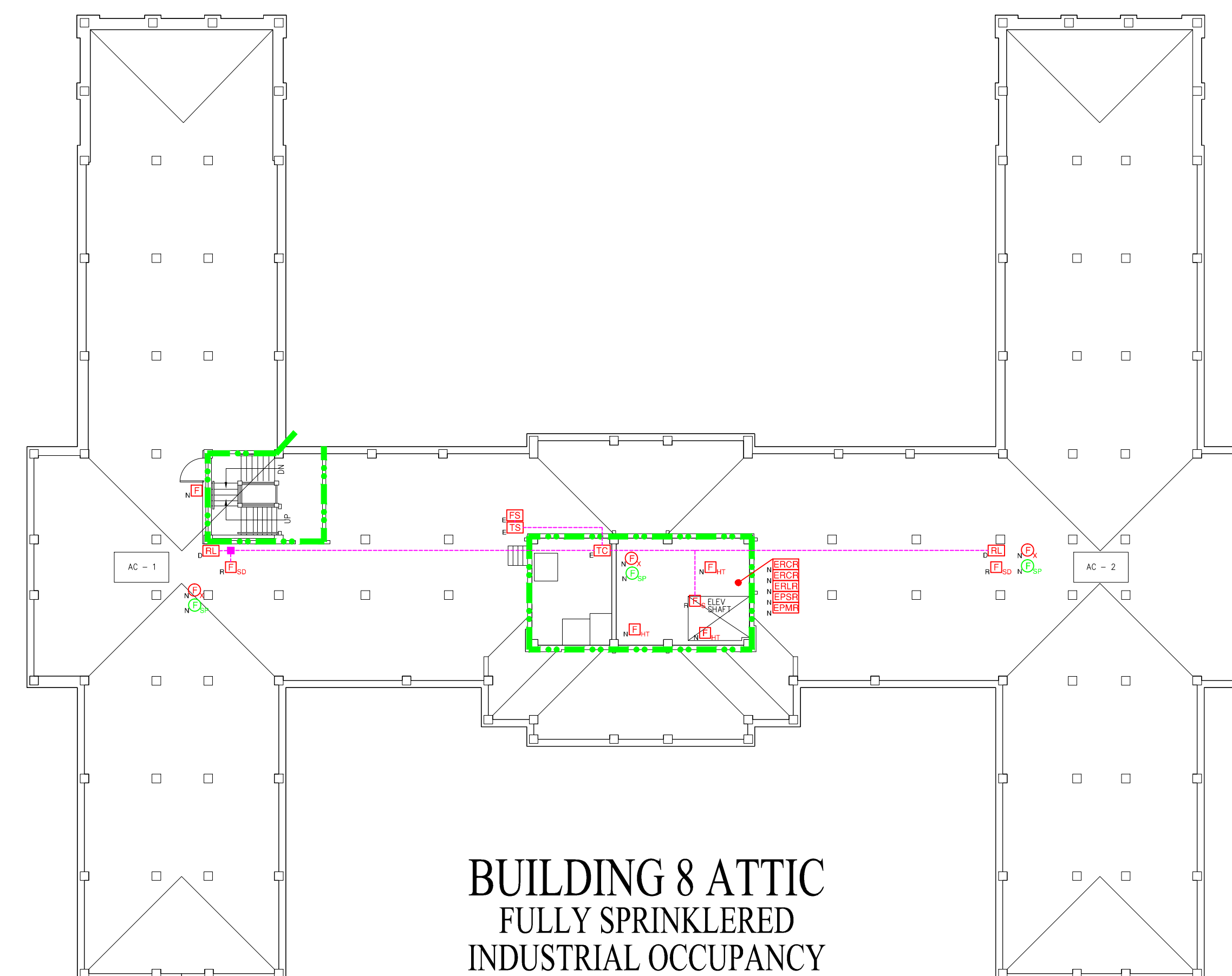
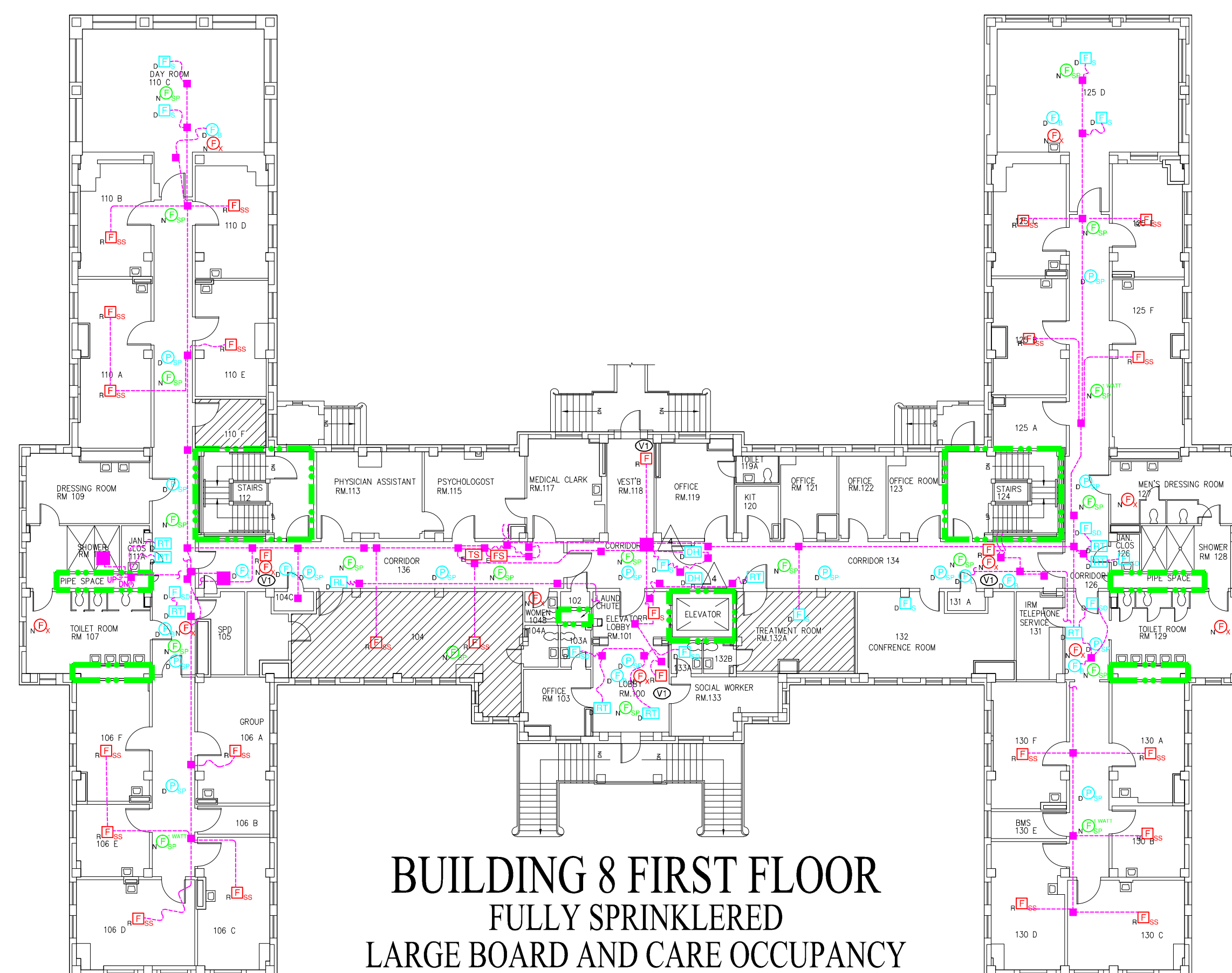
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-
- PLASTER, GYPSUM, OR SPUNE CEILINGS

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- SMOKE RESISTANT PARTITION
- FIRE ALARM ZONE BOUNDARY

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


Dept. of Veterans Affairs
VA Medical Center
1400 Black Horse Hill Road
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1st FIRE PROTECTION &
CODE CONSULTANTS, INC.
1520 MAIN STREET
INDIANAPOLIS, IN 46224
(317)486-5188

Approved: Chief, Facilities Management Services	Drawing Title BUILDING 8 BASEMENT, FIRST, SECOND ATTIC		Project Title REPLACE FIRE ALARM SYSTEM		Date 1/25/11
Approved: Medical Center Director					Scale: 1/16"=1'-0"
Approved:	Client Project No. 542-07-103	Contract No. VA244-P-1473	Designed By SCR	Checked By SCR	Drawn By SF/DN/JV
Approved:	Building No. 8	AutoCAD File Name Z1 FA08 8-ALL	Location VA MEDICAL CENTER COATESVILLE, PENNSYLVANIA		Drawing No. FA-8
					Dwg. 12 of 28



 Department of
Veterans Affairs

CONSTRUCTION DOCUMENTS 100% REVIEW

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SMOKE DETECTOR - NEW
CHIME-STROBE INDICATING DEVICE - EXISTING TO BE REUSED OR REPLACED
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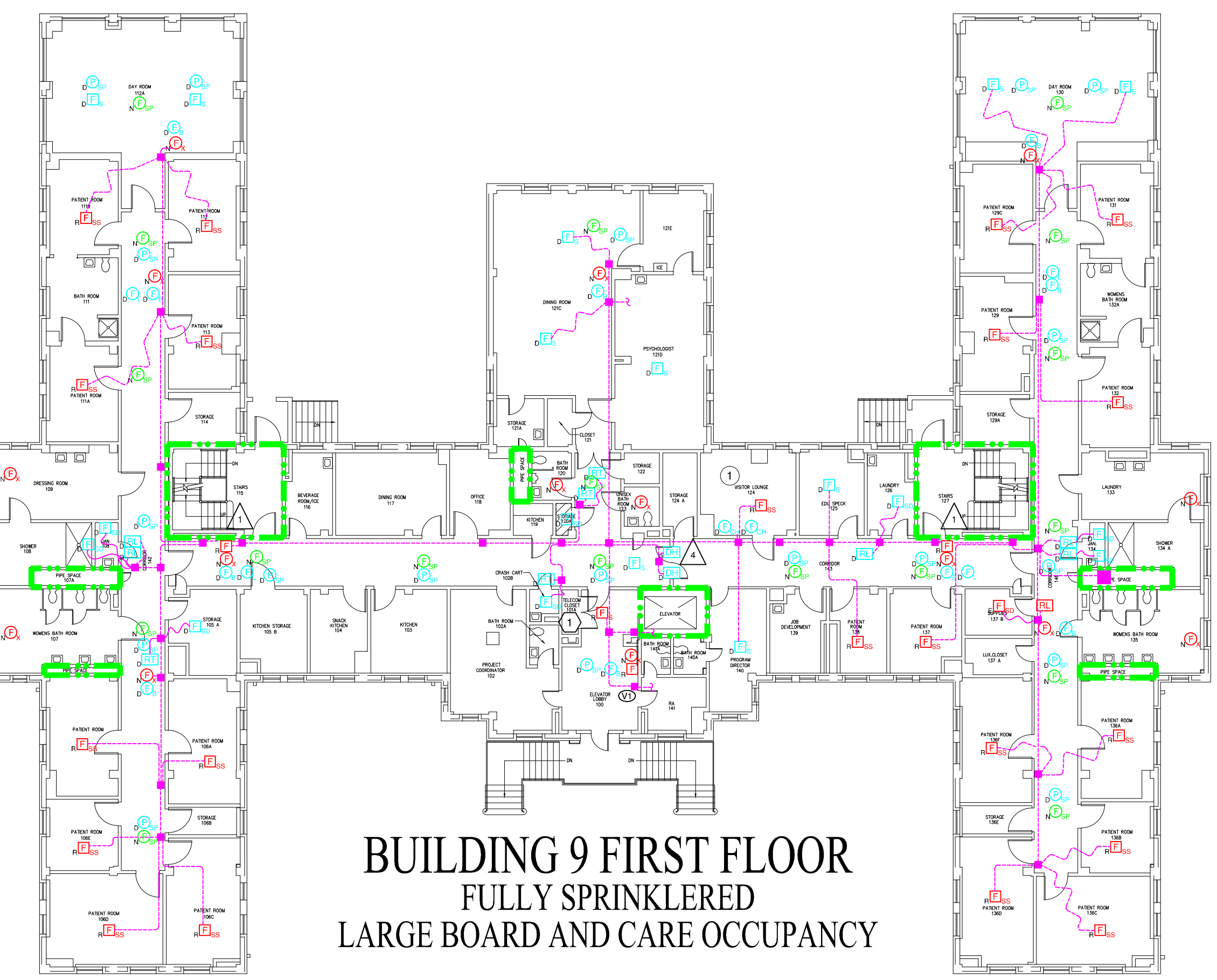
- MAINTAIN MINIMUM 3 FT FROM ANY HVAC GRILL.
REPLACE EXISTING DOOR CLOSER WITH NEW DOOR HOLDER/CLOSER COMBINATION DEVICE CONNECTED TO THE FIRE ALARM SYSTEM.
RELOCATE EXISTING EXIT SIGN SO THE NEW STROBE CAN BE READILY SEEN FROM BOTH CORRIDORS.
REMOVE SURFACE MOUNTED DEVICES AND CONDUIT. REPAIR WOOD FINISH TO MATCH.
PROVIDE NEW 90 MINUTE DOOR WITH HARDWARE, CLOSER AND FRAME.

ENGINEERING NOTES:

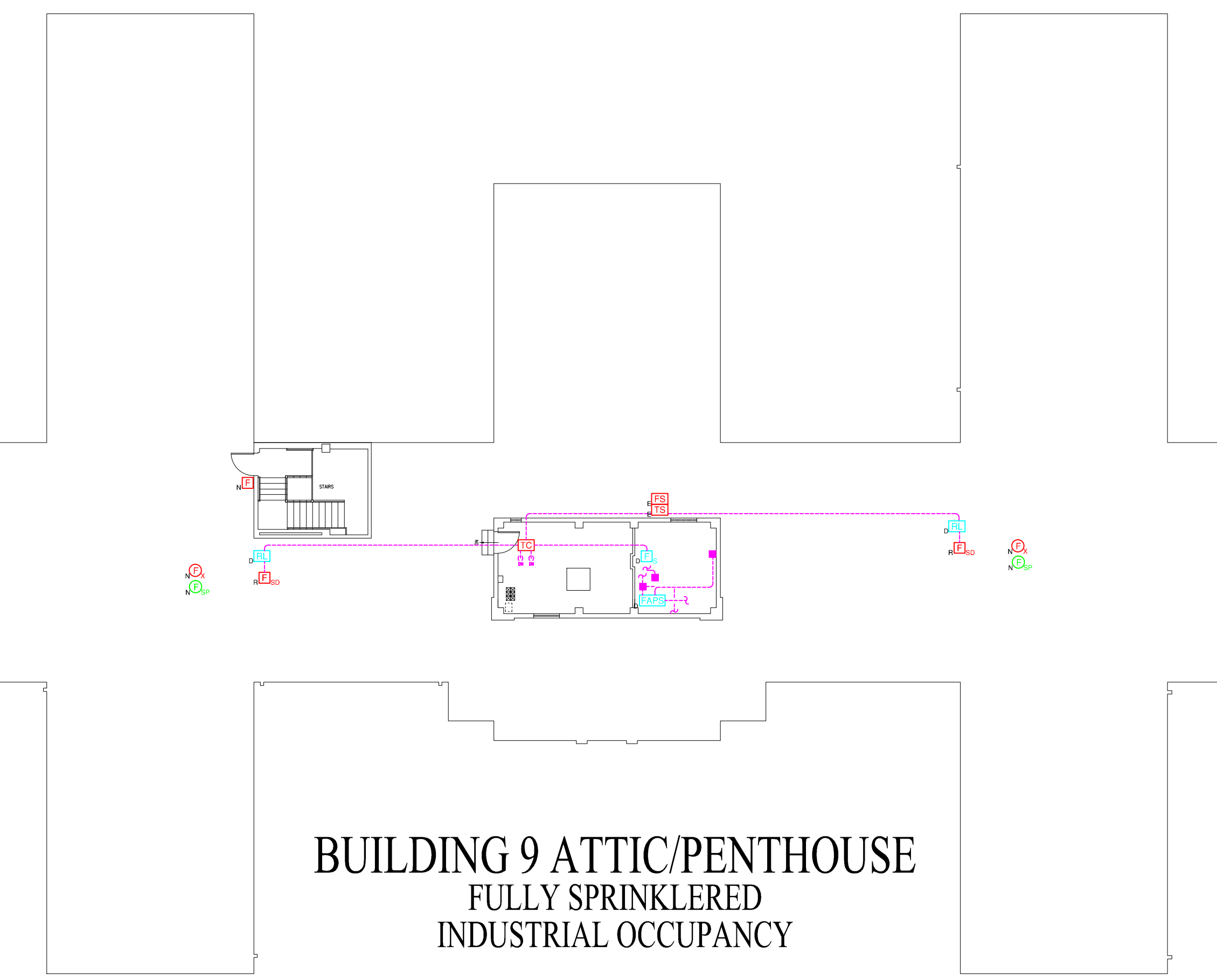
- SWING SPACE.

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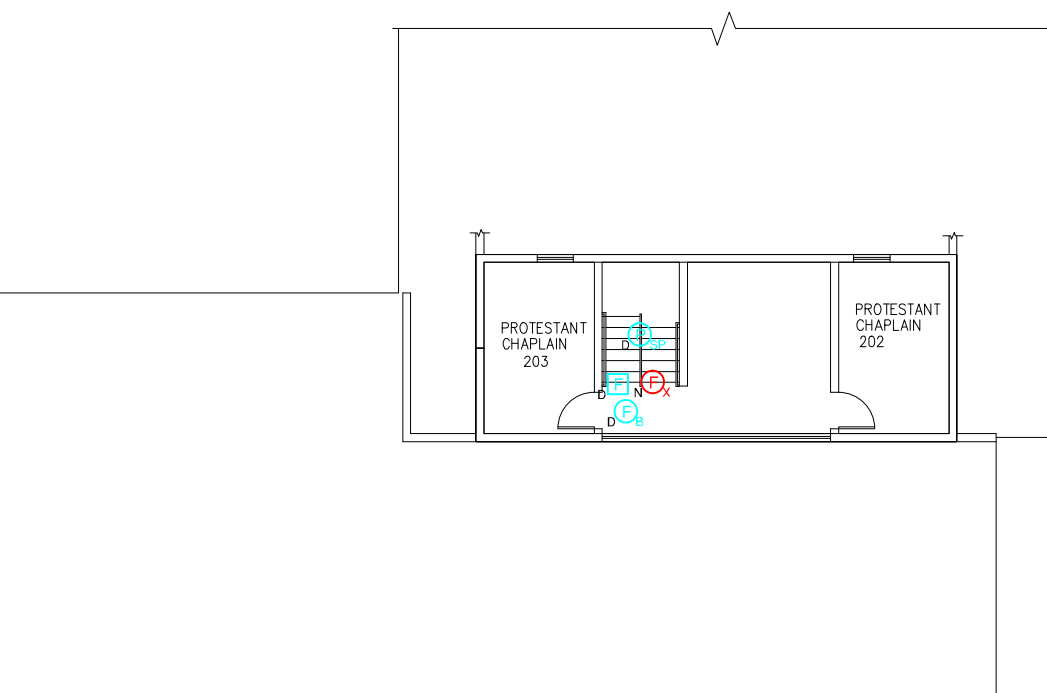
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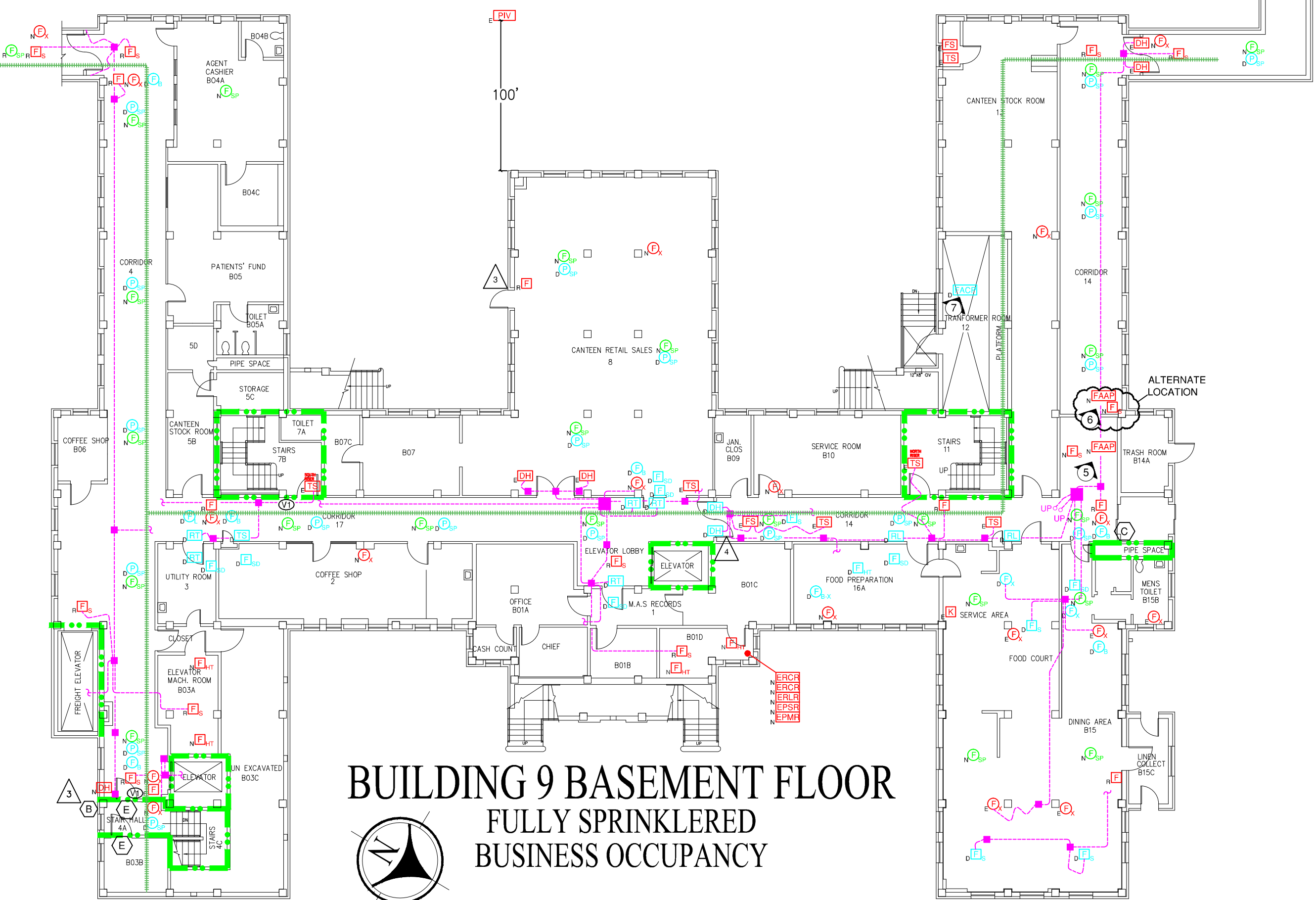
BUILDING 9 FIRST FLOOR
FULLY SPRINKLERED
LARGE BOARD AND CARE OCCUPANCY



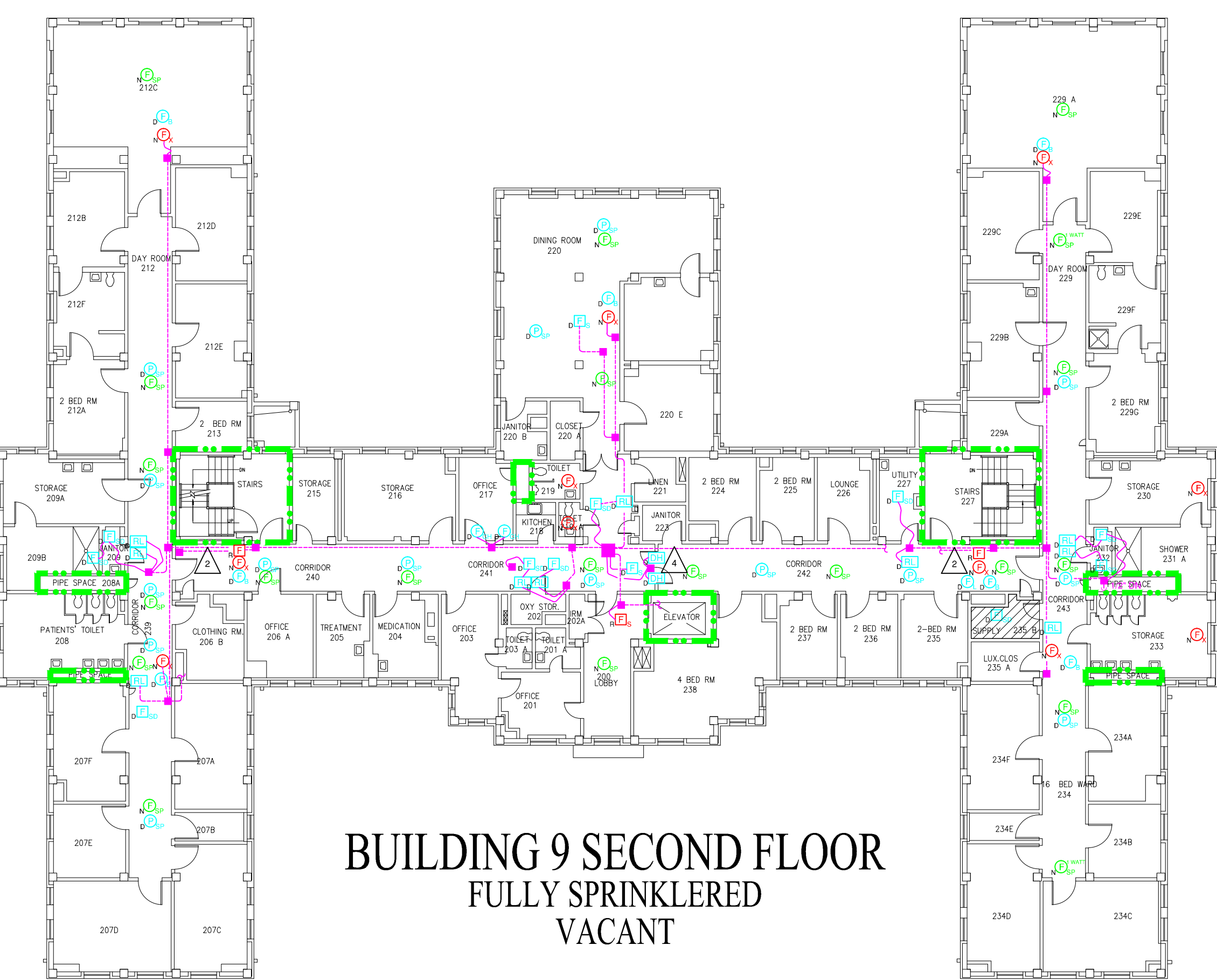
BUILDING 9 ATTIC/PENTHOUSE
FULLY SPRINKLERED
INDUSTRIAL OCCUPANCY



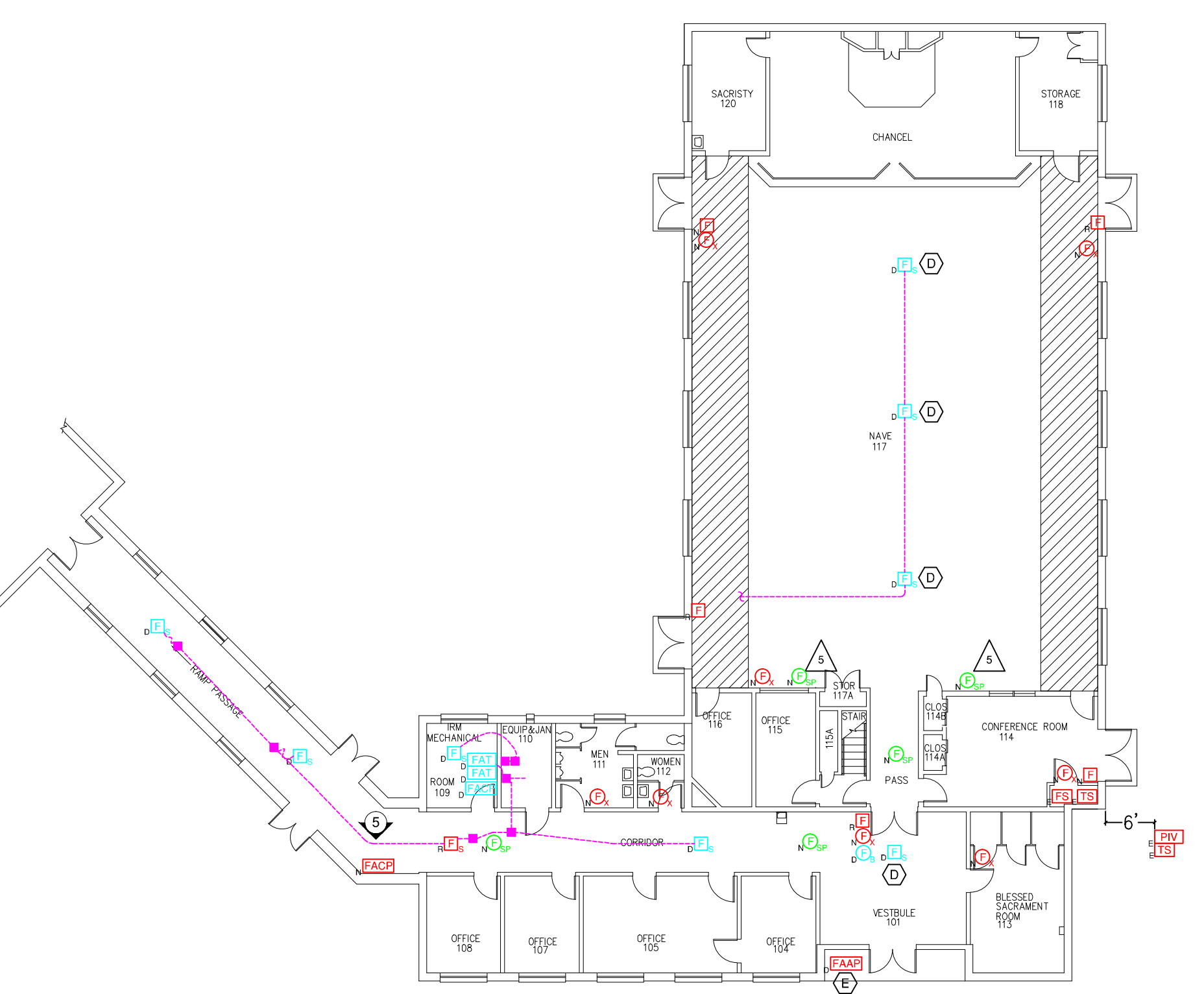
BUILDING 72 SECOND FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



BUILDING 9 BASEMENT FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



BUILDING 9 SECOND FLOOR
FULLY SPRINKLERED
VACANT



BUILDING 72 FIRST FLOOR
FULLY SPRINKLERED
ASSEMBLY OCCUPANCY

FIRE ALARM SYMBOLS:

- [F] MANUAL FIRE ALARM STATION
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[C₄] SITE NETWORK FIRE ALARM ANNUNCIATOR PANEL

- [FPCP] FIRE PUMP CONTROL PANEL
[FPLCP] REMOTELY LOCATED CONTROL PANEL
[FAPS] FIRE ALARM POWER SUPPLY
[EPLR] ELEVATOR RECALL LIGHT RELAYS
[EPCR] ELEVATOR RECALL CONTROL RELAYS
[EPMR] ELEVATOR POWER MONITOR RELAY
[EPSP] ELEVATOR POWER SHUTDOWN RELAYS
[EGCP] EMERGENCY GENERATOR CONTROL PANEL
[NACE] NOTIFICATION APPLIANCE CIRCUIT EXTENDER
[FAT] FIRE ALARM TRANSMITTER
[FAR] FIRE ALARM RECORDER
[UPS] UNINTERRUPTIBLE POWER SUPPLY
[BAT] FIRE ALARM BATTERIES
[CHR] FIRE ALARM BATTERIES CHARGER
[CRT] CRT WITH KEYBOARD – OPERATOR'S TERMINAL
[FAP] FIRE ALARM PRINTER
[TC] FIRE ALARM TERMINAL CABINET
[FBO] FIBER OPTICS BREAKOUT BOX
[DC] DAMPER CONTROL
[FC] FAN CONTROL
[FSD] COMBINATION FIRE AND SMOKE DAMPER

- [SD] SMOKE DAMPER
[FD] FIRE DAMPER
[SR] FIRE SHUTTER RELAY
[EP] ELECTRICAL PANEL
[EC] ELEVATOR CONTROLLER
[KS] KEY TEST SWITCH
[RP] RELAY PANEL
[CMR] CONTROL MODULE RELAY
[MMR] MONITORING MODULE RELAY
[MDR] MAGNETIC DOOR LOCK RELEASE
[RT] REMOTE TEST
[FFP] FIRE FIGHTER PHONE
[DA] DISTRIBUTED AMPLIFIER
[PSRA] PAGING SYSTEM REMOTE AMPLIFIER
[PSCP] PAGING SYSTEM CONTROL PANEL
[FAS] FIRE ALARM SIGNAGE
[TF] TEMPORARY FIRE ALARM STATION
[RB] ROTATING BEACON
[SM] SMOKE DETECTOR–HEAT DETECTOR
[MH] MAN HOLE

THE FOLLOWING DEVICE NOTATIONS, LOCATED AT THE LOWER LEFT CORNER OF THE SYMBOL, APPLY TO ALL DEVICES AND/OR EQUIPMENT LISTED ABOVE:

- N – NEW
E – EXISTING TO BE REUSED OR REPLACED
R – EXISTING TO BE REPLACED
D – EXISTING TO BE REMOVED (DELETED)
F – FUTURE DEVICE TO BE INSTALLED UNDER DIFFERENT PROJECT

EXAMPLES:

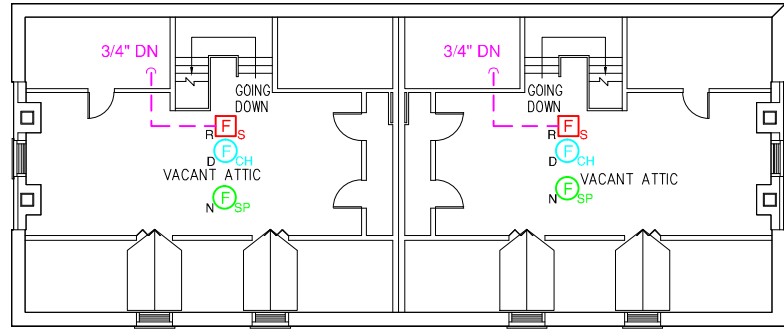
- [F] MAJUAL FIRE ALARM STATION – EXISTING TO BE REPLACED
[F₁] SMOKE DETECTOR – NEW
[CH₁] CHIME–STROBE INDICATING DEVICE – EXISTING TO BE REUSED OR REPLACED
[D₁] DOOR HOLDER – EXISTING TO BE REMOVED
[FSD] FLOW SWITCH – FUTURE

- [//] PLASTER, GYPSUM, OR SPLINE CEILINGS

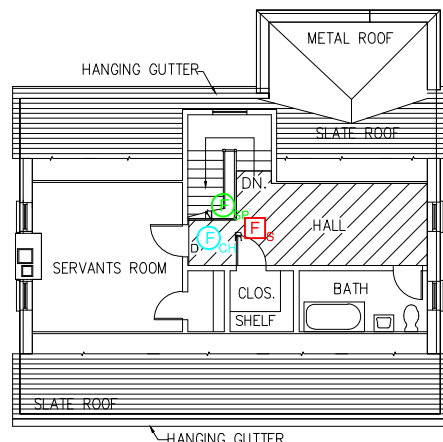
- EXISTING NETWORK CONDUIT
EXISTING FIRE ALARM CONDUIT AND LARGE JUNCTION BOX
EXISTING FIRE ALARM CONDUIT AND JUNCTION BOX
EXISTING FIRE ALARM CONDUIT GOING UP, DOWN, END OR INTO THE INTERSTITIAL SPACE
EXISTING FIRE ALARM FLEX CONDUIT AND JUNCTION BOX
EXISTING FIRE ALARM WIRE AND JUNCTION BOX
EXISTING FIRE ALARM CONDUIT WITH BREAKS TO SHOW PATH OF CONDUIT NOT TRACEABLE PAST THIS POINT
EXISTING SITE FIRE NETWORK ROUTE
1 – HOUR FIRE RATED PARTITION
2 – HOUR FIRE RATED PARTITION
COMBINED 1-HOUR FIRE RATED PARTITION AND SMOKE BARRIER
COMBINED 2-HOUR FIRE RATED PARTITION AND SMOKE BARRIER
SMOKE RESISTANT PARTITION
FIRE ALARM ZONE BOUNDARY

GENERAL FIRE ALARM KEY NOTES:

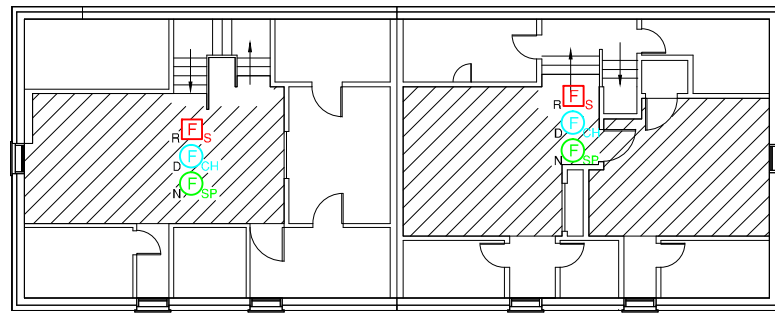
- 1 REMOVE PROTECTIVE COVER FROM PULL STATION AND RETURN TO VA.
2 REINSTALL PROTECTIVE COVER FOR PULL STATION.
3 REMOVE SURFACE MOUNTED CONDUIT AND REPLACE WITH NEW RECESSED CONDUIT.
4 REMOVE DOORS AND DOOR STOPS. BLANK OFF HINGE PLATE OPENINGS AND PATCH DOOR HOLDER/CLOSER MOUNT OPENINGS. REPAINT ENTIRE DOOR FRAME TO MATCH EXISTING COLOR.
5 NEW OR EXISTING WALL SURFACE MOUNTED DEVICE.



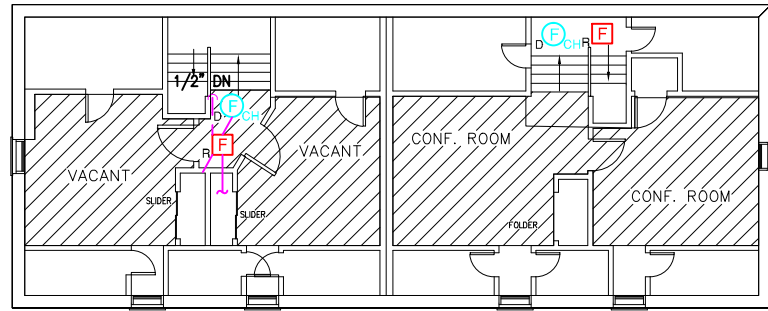
BUILDING 19 ATTIC FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



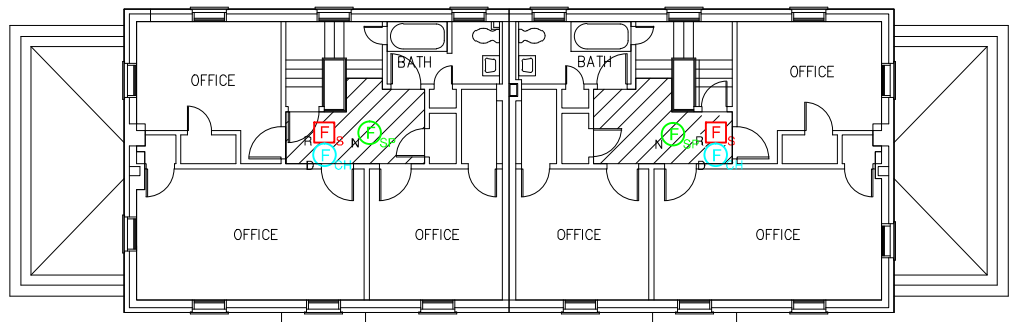
BUILDING 26 ATTIC FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



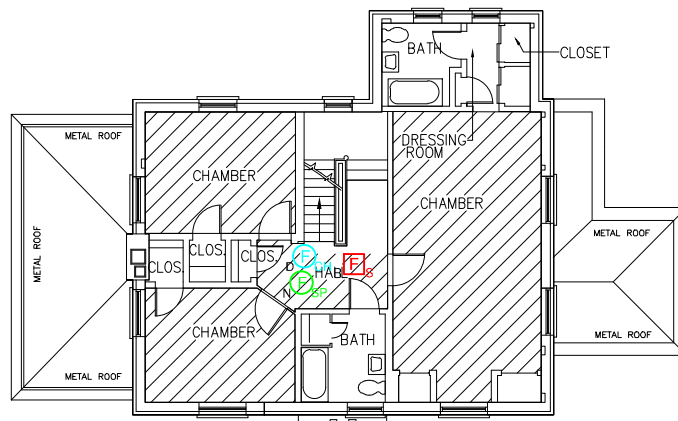
BUILDING 27 ATTIC FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



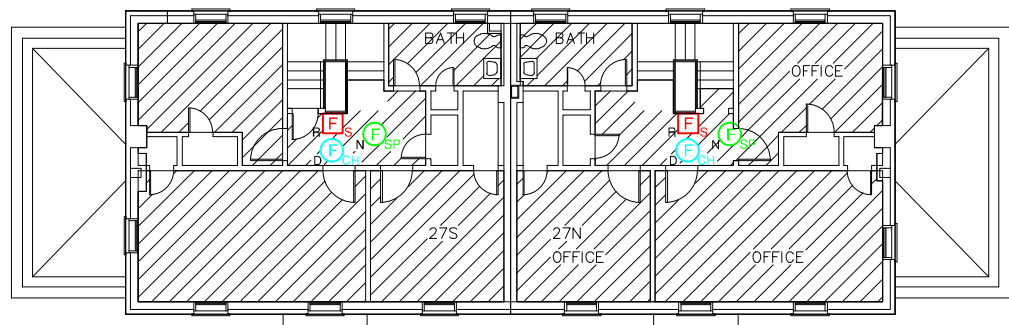
BUILDING 28 ATTIC
FULLY SPRINKLERED
BUSINESS OCCUPANCY



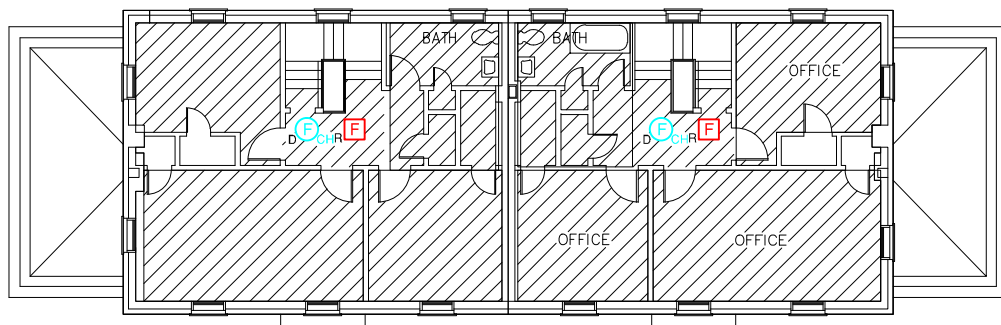
BUILDING 19 SECOND FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



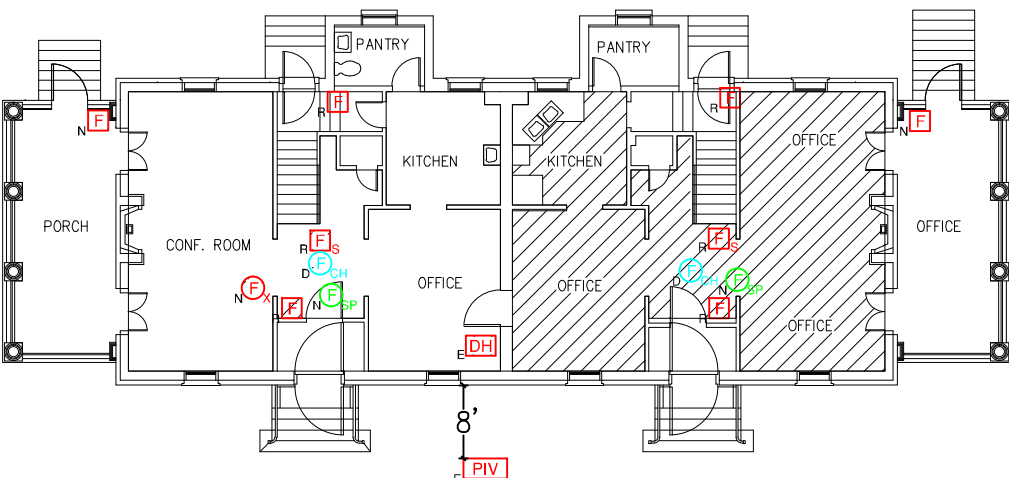
BUILDING 26 SECOND FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



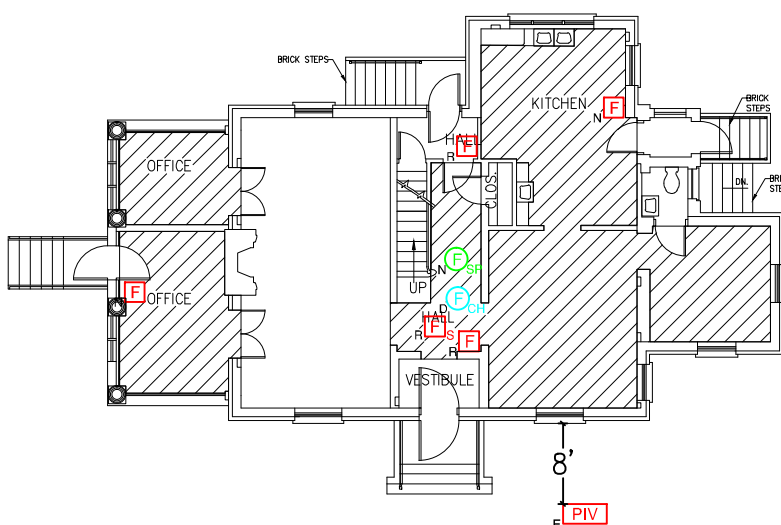
BUILDING 27 SECOND FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



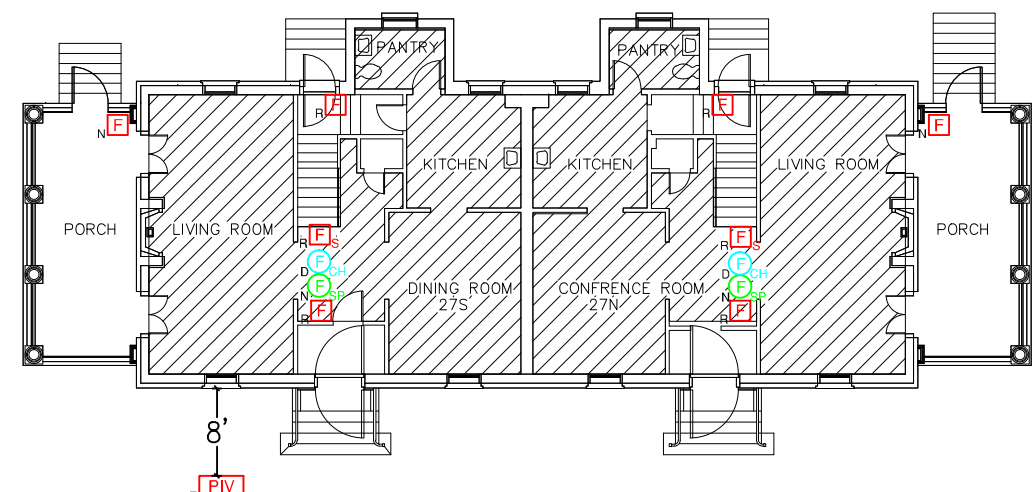
BUILDING 28 SECOND FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



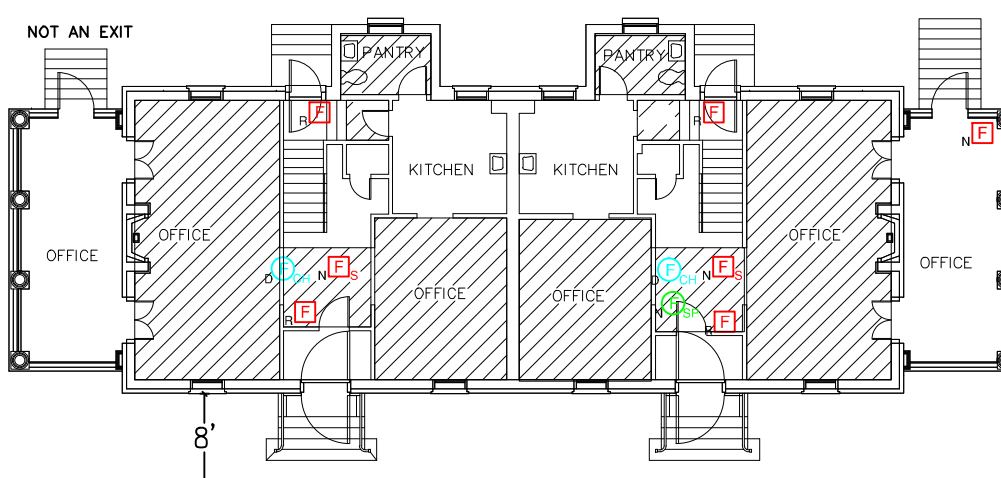
BUILDING 19 FIRST FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



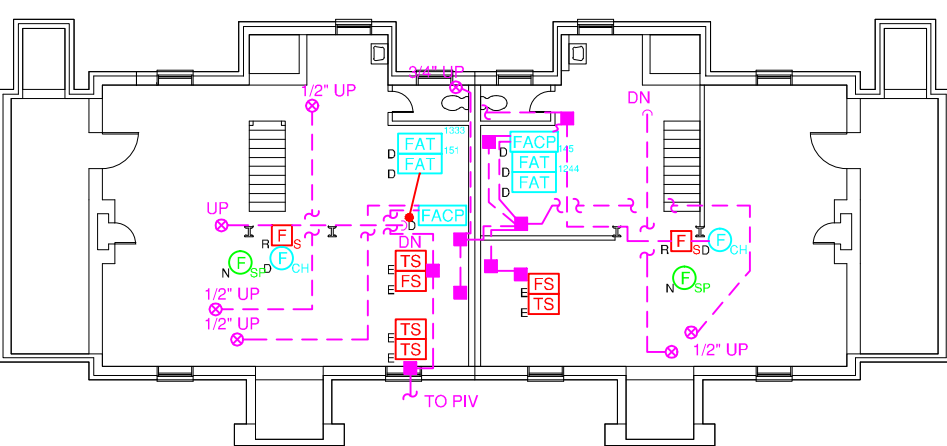
BUILDING 26 FIRST FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



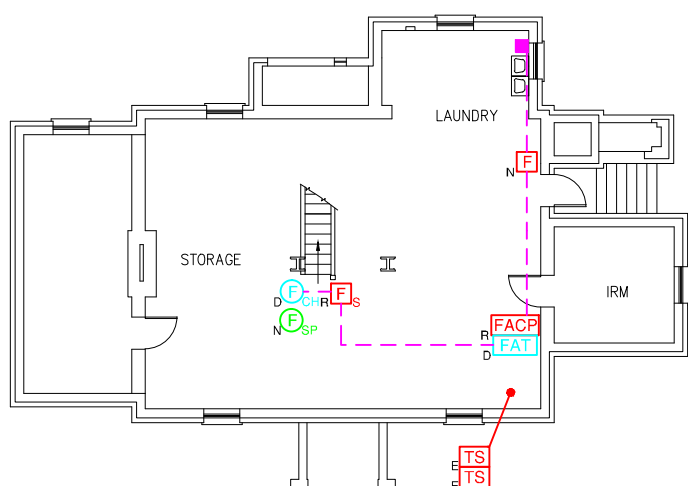
BUILDING 27 FIRST FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



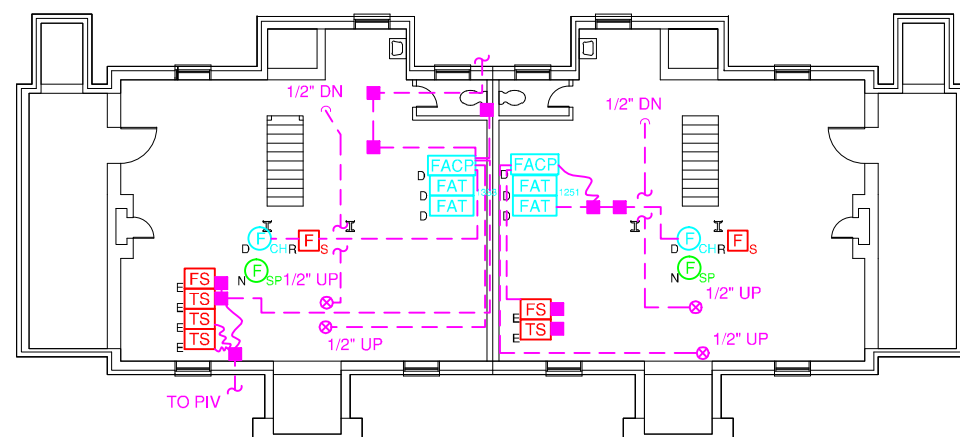
BUILDING 28 FIRST FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



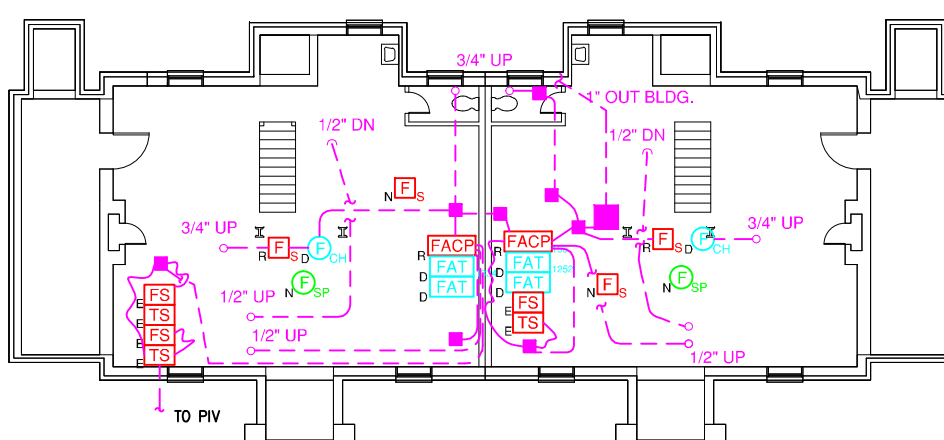
BUILDING 19 BASEMENT FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



BUILDING 26 BASEMENT FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



BUILDING 27 BASEMENT FLOOR
FULLY SPRINKLERED
BUSINESS OCCUPANCY



BUILDING 28 BASEMENT
FULLY SPRINKLERED
BUSINESS OCCUPANCY

Revisions		Date	 <div>Dept. of Veterans Affairs VA Medical Center 1400 Black Horse Hill Road Coatesville, PA 19320</div>	 <div>1st FIRE PROTECTION & CODE CONSULTANTS, INC. 1520 MAIN STREET INDIANAPOLIS, IN 46224 (317)486-5188</div>	Approved: Chief, Facilities Management Services		Drawing Title BUILDINGS 18,19,26, 27 & 28 ALL FLOORS		Project Title REPLACE FIRE ALARM SYSTEM		Date 1/25/11	
					Approved: Medical Center Director					Scale: 1/16"=1'-0"		
					Approved:	Client Project No. 542-07-103	Contract No. VA244-P-1473	Designed By SCR	Checked By SCR	Drawn By SF/DN/JV	Drawing No. FA-10	
					Approved:	Building No. 19,26,27,28	AutoCAD File Name Z1 FA10 19,26,27,28-ALL	Location VA MEDICAL CENTER COATESVILLE, PENNSYLVANIA			Dwg. 14 of 28	
FP&C Proj#:		1853.00										

FIRE ALARM SYMBOLS:

- MANUAL FIRE ALARM STATION
INSTITUTIONAL MANUAL PULL STATION
WEATHERPROOF MANUAL FIRE ALARM STATION
MANUAL FIRE ALARM STATION IN LOCK BOX
RESIDENTIAL TYPE SMOKE DETECTOR
SMOKE DETECTOR
IN-DUCT SMOKE DETECTOR
SOUNDER SMOKE DETECTOR
HEAT DETECTOR
KITCHEN HOOD FIRE SUPPRESSION SYSTEM
FLOW SWITCH
VALVE SUPERVISORY SWITCH
PRESSURE SWITCH
HIGH/LOW AIR PRESSURE SUPERVISORY
POST INDICATOR VALVE
DELAYED EGRESS CONTROL
SPEAKER (1/2 WATT UNLESS NOTED)
PAGING SPEAKER
SPEAKER (1/2 WATT UNLESS NOTED) - STROBE
LIGHT

- BELL
BELL-STROBE
BELL-LIGHT
HORN
HORN-STROBE
HORN-LIGHT
CHIME
CHIME-STROBE
CHIME-LIGHT
STROBE
REMOTE INDICATOR LAMP
DOOR HOLDER
DOOR HOLDER WITH SMOKE DETECTOR
FIRE ALARM COMMAND CONSOLE
FIRE ALARM CONTROL PANEL
FIRE ALARM ANNUNCIATOR PANEL
LOCAL BLDG. FIRE ALARM ANNUNCIATOR PANEL
SITE NETWORK FIRE ALARM ANNUNCIATOR PANEL

- FIRE PUMP CONTROL PANEL
REMOTELY LOCATED CONTROL PANEL
FIRE ALARM POWER SUPPLY
ELEVATOR RECALL LIGHT RELAYS
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ELEVATOR POWER SHUTDOWN RELAYS
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NOTIFICATION APPLIANCE CIRCUIT EXTENDER
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FIRE ALARM BATTERIES
FIRE ALARM BATTERIES CHARGER
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FIRE ALARM PRINTER
FIRE ALARM TERMINAL CABINET
FIBER OPTICS BREAKOUT BOX
FAN CONTROL
COMBINATION FIRE AND SMOKE DAMPER

- SMOKE DAMPER
FIRE DAMPER
FIRE SHUTTER RELAY
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RELAY PANEL
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MONITORING MODULE RELAY
MAGNETIC DOOR LOCK RELEASE
REMOTE TEST
FIRE FIGHTER PHONE
DISTRIBUTED AMPLIFIER
FIRE FIGHTER REMOTE AMPLIFIER
PAGING SYSTEM REMOTE AMPLIFIER
FIRE ALARM SIGNAGE
TEMPORARY FIRE ALARM STATION
ROTATING BEACON
SMOKE DETECTOR-HEAT DETECTOR
MAN HOLE

THE FOLLOWING DEVICE NOTATIONS, LOCATED AT THE LOWER LEFT CORNER OF THE SYMBOL, APPLY TO ALL DEVICES AND/OR EQUIPMENT LISTED ABOVE:

- N - NEW
E - EXISTING TO BE REUSED OR REPLACED
R - EXISTING TO BE REPLACED
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F - FUTURE DEVICE TO BE INSTALLED UNDER DIFFERENT PROJECT

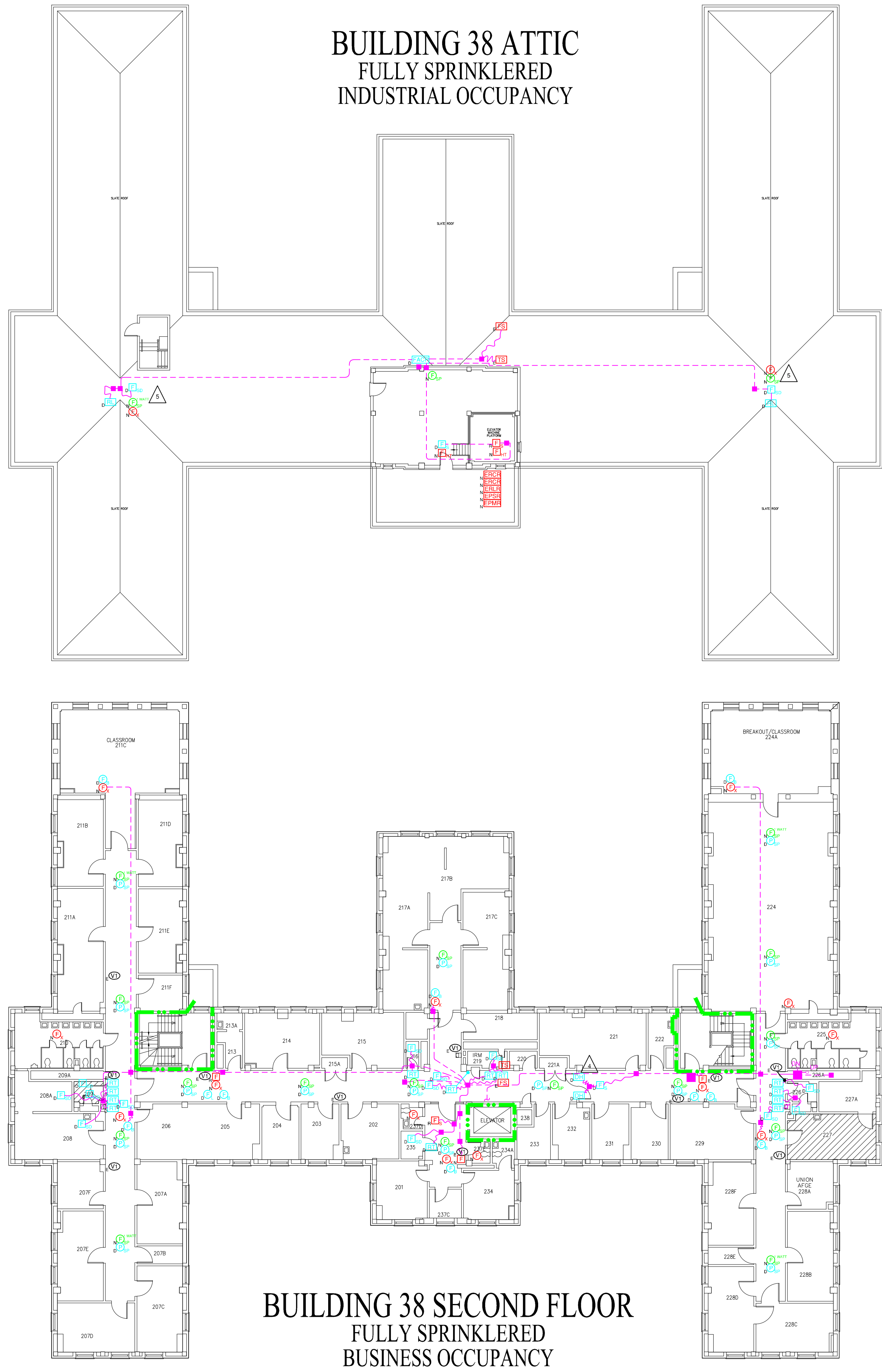
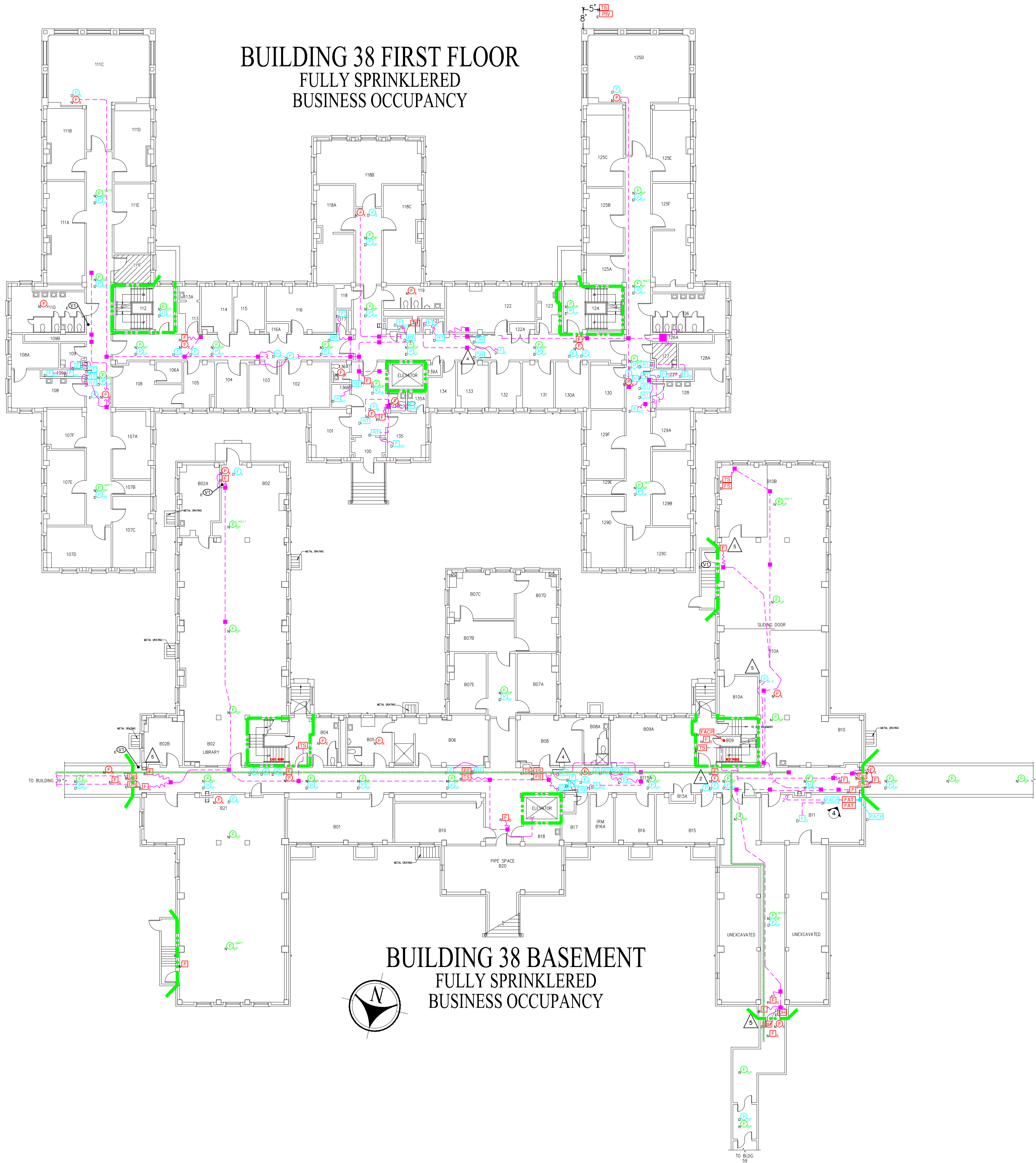
EXAMPLES:



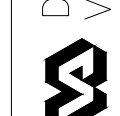
- MANUAL FIRE ALARM STATION - EXISTING TO BE REPLACED
SMOKE DETECTOR - NEW
CHIME-STROBE INDICATING DEVICE - EXISTING TO BE REUSED OR REPLACED
DOOR HOLDER - EXISTING TO BE REMOVED
FLOW SWITCH - FUTURE
PLASTER, GYPSUM, OR SPLINE CEILINGS

- EXISTING NETWORK CONDUIT
EXISTING FIRE ALARM CONDUIT AND LARGE JUNCTION BOX
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COMBINED 2-HOUR FIRE RATED PARTITION AND SMOKE BARRIER
SMOKE RESISTANT PARTITION
FIRE ALARM ZONE BOUNDARY

GENERAL FIRE ALARM KEY NOTES:

- 1 REMOVE PROTECTIVE COVER FROM PULL STATION AND RETURN TO VA.
2 REINSTALL PROTECTIVE COVER FOR PULL STATION.
3 REMOVE SURFACE MOUNTED CONDUIT AND REPLACE WITH NEW RECESSED CONDUIT.
4 REMOVE DOORS AND DOOR STOPS. BLANK OFF HINGE PLATE OPENINGS AND PATCH DOOR HOLDER/CLOSER MOUNT OPENINGS. REPAINT ENTIRE DOOR FRAME TO MATCH EXISTING COLOR.
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Revisions	Date	 <p>Dept. of Veterans Affairs VA Medical Center 1400 Black Horse Hill Road Coatesville, PA 19320</p>	 <p>1st FPC 1st FIRE PROTECTION & CODE CONSULTANTS, LLC</p>	<p>1st FIRE PROTECTION & CODE CONSULTANTS, INC. 1520 MAIN STREET INDIANAPOLIS, IN 46224 (317)486-5188</p>	Approved: Chief, Facilities Management Services	Drawing Title BUILDINGS 38 ALL FLOORS	Project Title REPLACE FIRE ALARM SYSTEM	Date 1/25/11 Scale: 1/16"=1'-0"	Drawing No. FA-11 Dwg. 15 of 28	Department of Veterans Affairs 				
	Approved: Medical Center Director				Client Project No. 542-07-103						Contract No. VA244-P-1473	Designed By SCR	Checked By SCR	Drawn By SF/DN/JV
	Approved:				Building No. 38						AutoCAD File Name Z2 FA11 38-ALL	Location VA MEDICAL CENTER COATESVILLE, PENNSYLVANIA		
FP&C Proj.#:	1853.00													

FIRE ALARM SYMBOLS:

- MANUAL FIRE ALARM STATION
WEATHERPROOF MANUAL FIRE ALARM STATION
MANUAL FIRE ALARM STATION IN LOCK BOX
RESIDENTIAL TYPE SMOKE DETECTOR
SMOKE DETECTOR
IN-DUCT SMOKE DETECTOR
SOUNDER SMOKE DETECTOR
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SPEAKER (1/2 WATT UNLESS NOTED)
SPEAKER (1/2 WATT UNLESS NOTED) - STROBE
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BELL-STROBE
HORN
HORN-STROBE
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SITE NETWORK FIRE ALARM ANNUNCIATOR PANEL

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FIRE ALARM POWER SUPPLY
ELEVATOR RECALL LIGHT RELAYS
ELEVATOR RECALL CONTROL RELAYS
ELEVATOR POWER MONITOR RELAY
ELEVATOR POWER SHUTDOWN RELAYS
EMERGENCY GENERATOR CONTROL PANEL
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FIRE ALARM BATTERIES CHARGER
CRT WITH KEYBOARD - OPERATOR'S TERMINAL
FIRE ALARM PRINTER
FIRE ALARM TERMINAL CABINET
FIBER OPTICS BREAKOUT BOX
FAN CONTROL
COMBINATION FIRE AND SMOKE DAMPER

- SMOKE DAMPER
FIRE DAMPER
FIRE SHUTTER RELAY
ELECTRICAL PANEL
ELEVATOR CONTROLLER
KEY TEST SWITCH
RELAY PANEL
CONTROL MODULE RELAY
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MAGNETIC DOOR LOCK RELEASE
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TEMPORARY FIRE ALARM STATION
ROTATING BEACON
SMOKE DETECTOR-HEAT DETECTOR
MAN HOLE

THE FOLLOWING DEVICE NOTATIONS, LOCATED AT THE LOWER LEFT CORNER OF THE SYMBOL, APPLY TO ALL DEVICES AND/OR EQUIPMENT LISTED ABOVE:

- N - NEW
E - EXISTING TO BE REUSED OR REPLACED
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D - EXISTING TO BE REMOVED (DELETED)
F - FUTURE DEVICE TO BE INSTALLED UNDER DIFFERENT PROJECT

- MANUAL FIRE ALARM STATION - EXISTING TO BE REPLACED
SMOKE DETECTOR - NEW
CHIME-STROBE INDICATING DEVICE - EXISTING TO BE REUSED OR REPLACED
DOOR HOLDER - EXISTING TO BE REMOVED
FLOW SWITCH - FUTURE
PLASTER, GYPSUM, OR SPLINE CEILINGS

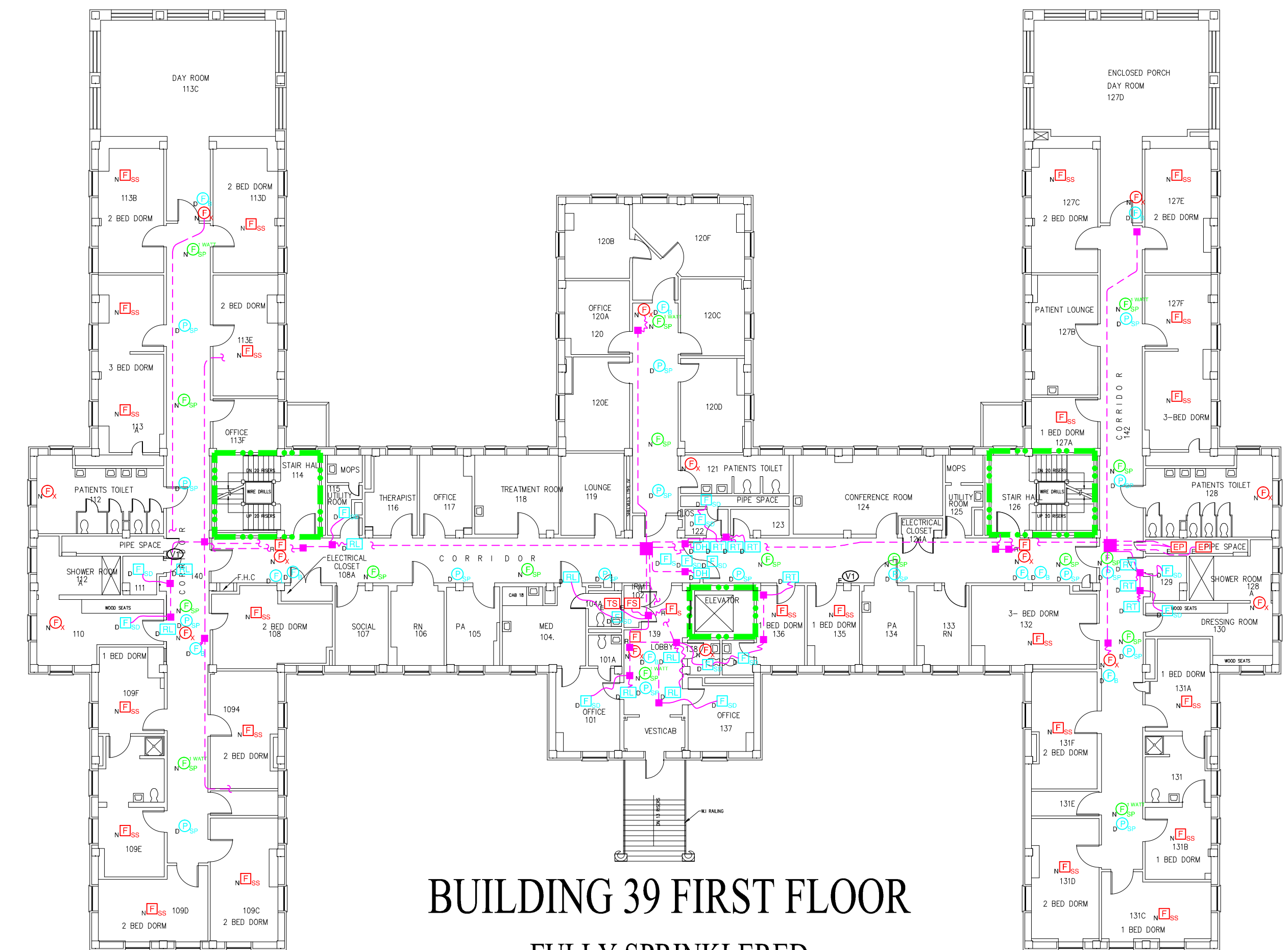
- EXISTING NETWORK CONDUIT
EXISTING FIRE ALARM CONDUIT AND LARGE JUNCTION BOX
EXISTING FIRE ALARM CONDUIT AND JUNCTION BOX
EXISTING FIRE ALARM CONDUIT GOING UP, DOWN, END OR INTO THE INTERSTITIAL SPACE
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EXISTING FIRE ALARM WIRE AND JUNCTION BOX
EXISTING FIRE ALARM CONDUIT WITH BREAKS TO SHOW PATH OF CONDUIT NOT TRACEABLE PAST THIS POINT
EXISTING SITE FIRE NETWORK ROUTE
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2 - HOUR FIRE RATED PARTITION
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COMBINED 2-HOUR FIRE RATED PARTITION AND SMOKE BARRIER
SMOKE RESISTANT PARTITION
FIRE ALARM ZONE BOUNDARY

DRAWING KEY NOTES:

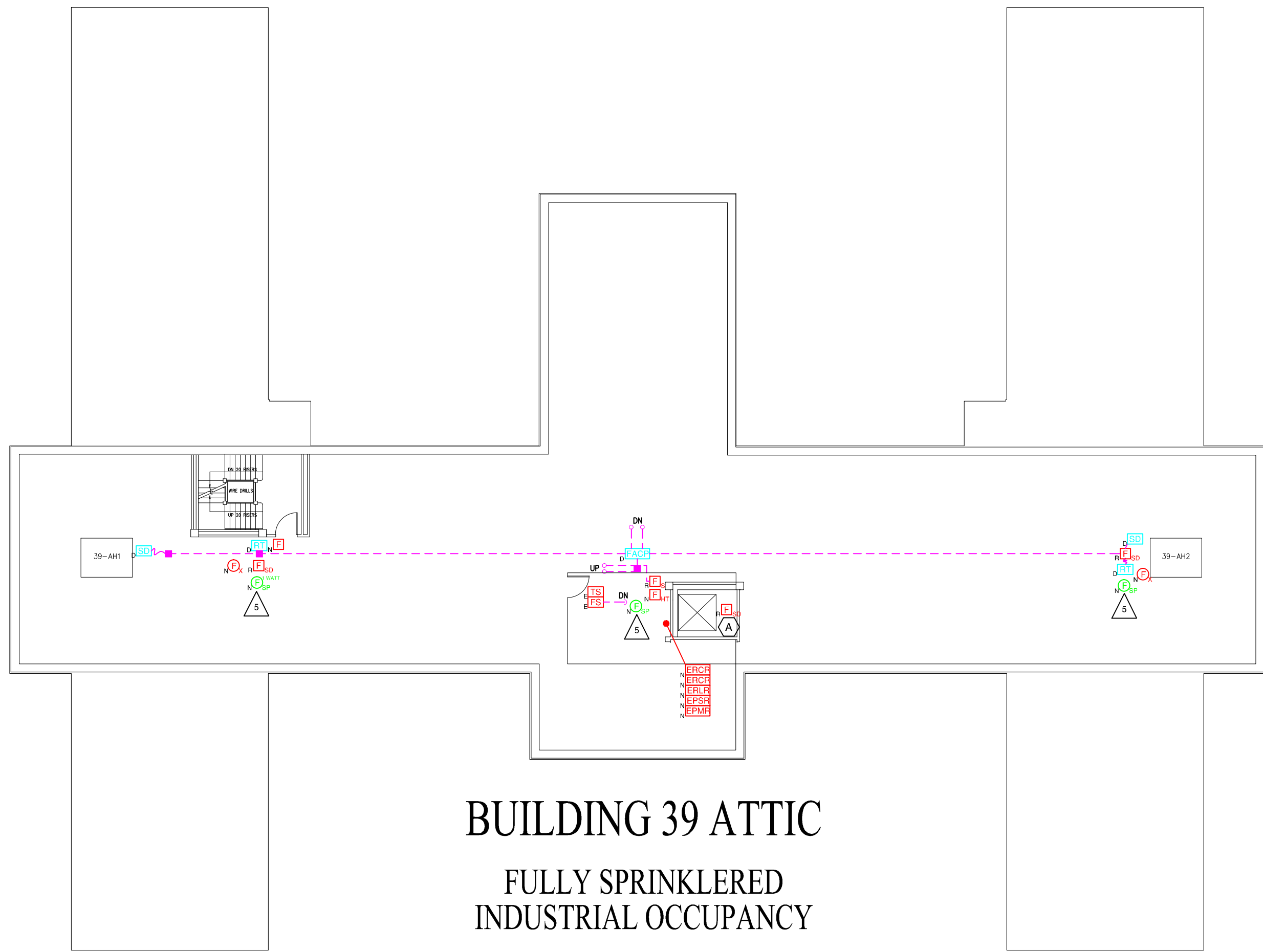
- DEMO EXISTING IN DUCT SMOKE DETECTOR FROM SHAFT EXHAUST DUCT.

GENERAL FIRE ALARM KEY NOTES:

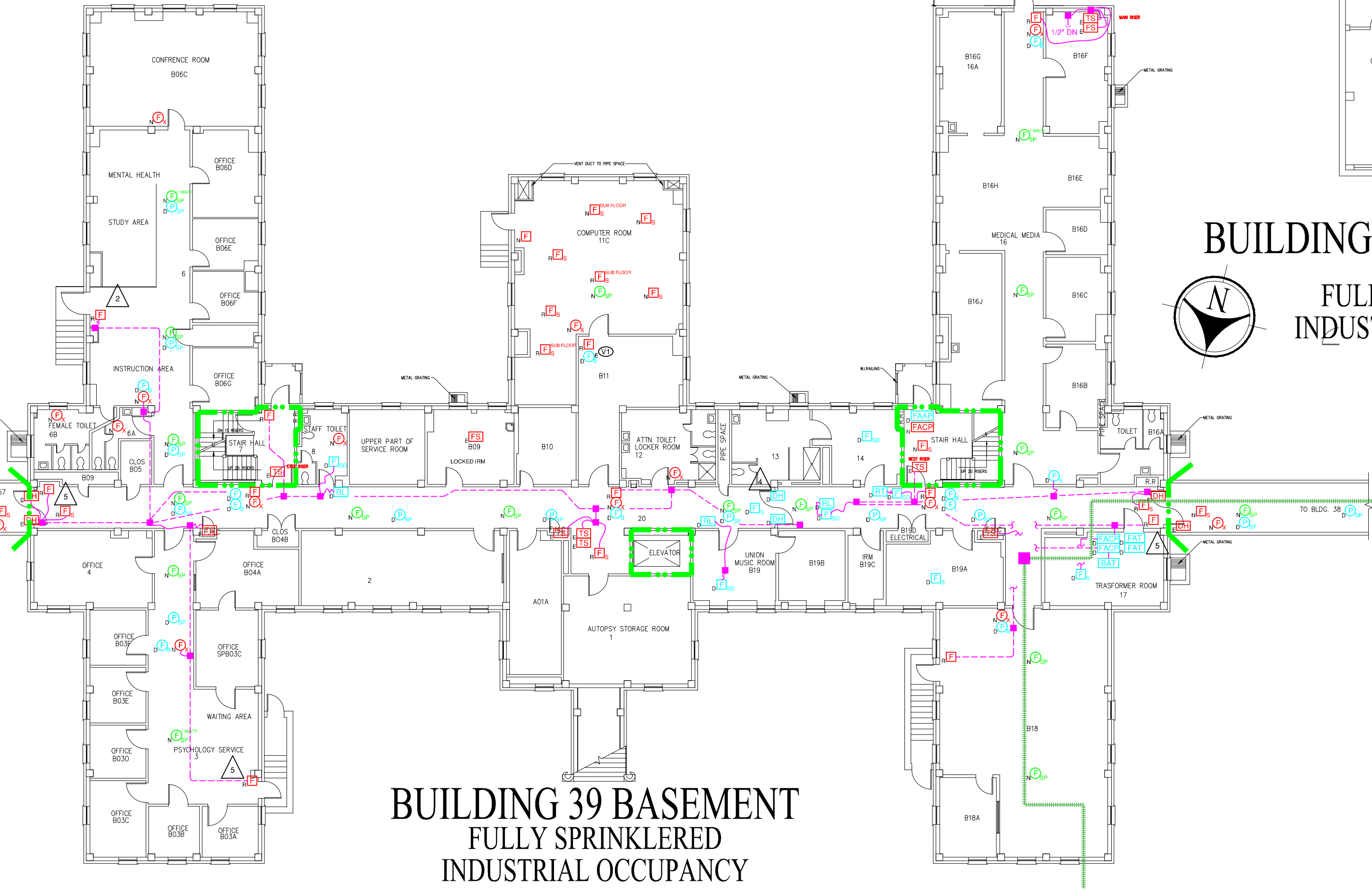
- 1 REMOVE PROTECTIVE COVER FROM PULL STATION AND RETURN TO VA.
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5 NEW OR EXISTING WALL SURFACE MOUNTED DEVICE.



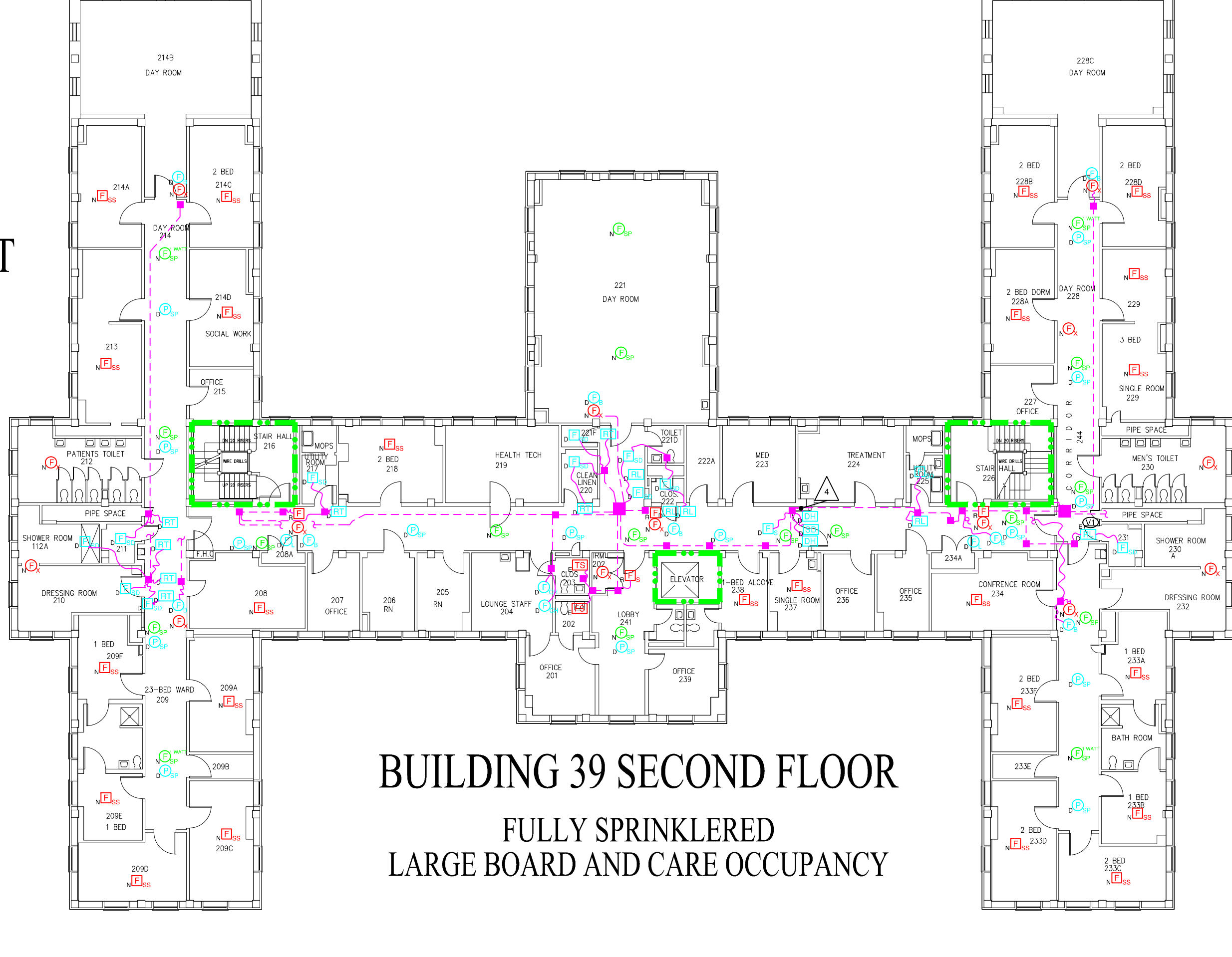
BUILDING 39 FIRST FLOOR
FULLY SPRINKLERED
LARGE BOARD AND CARE OCCUPANCY





BUILDING 39 ATTIC
FULLY SPRINKLERED
INDUSTRIAL OCCUPANCY



BUILDING 39 SUB-BASEMENT
FULLY SPRINKLERED
INDUSTRIAL OCCUPANCY



BUILDING 39 SECOND FLOOR
FULLY SPRINKLERED
LARGE BOARD AND CARE OCCUPANCY

Revisions	Date	 <div>Dept. of Veterans Affairs VA Medical Center 1400 Black Horse Hill Road Coatesville, PA 19320</div>	 <div>1st FIRE PROTECTION & CODE CONSULTANTS, INC. 1520 MAIN STREET INDIANAPOLIS, IN 46224 (317)486-5188</div>	Approved: Chief, Facilities Management Services	Drawing Title	Project Title	Date
				Approved: Medical Center Director	BUILDINGS 39 ALL FLOORS	REPLACE FIRE ALARM SYSTEM	1/25/11
				Approved:	Client Project No. 542-07-103	Contract No. VA244-P-1473	Scale: 1/16"=1'-0"
				Approved:	Building No. 39	AutoCAD File Name Z2 FA12 39-ALL	Drawing No. FA-12
FP&C Proj.#:	1853.00					Location VA MEDICAL CENTER COATESVILLE, PENNSYLVANIA	Dwg. 16 of 28

FIRE ALARM SYMBOLS:

- [F] MANUAL FIRE ALARM STATION
[F_W] WEATHERPROOF MANUAL FIRE ALARM STATION
[F_L] MANUAL FIRE ALARM STATION IN LOCK BOX
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[F_S] SMOKE DETECTOR
[F_{ISD}] IN-DUCT SMOKE DETECTOR
[F_{SD}] SOUNDER SMOKE DETECTOR
[F_{HT}] HEAT DETECTOR
[F_{KH}] KITCHEN HOOD FIRE SUPPRESSION SYSTEM
[F_{FS}] FLOW SWITCH
[F_{VS}] VALVE SUPERVISORY SWITCH
[F_{PS}] PRESSURE SWITCH
[F_{HLPS}] HIGH/LOW AIR PRESSURE SUPERVISORY
[F_{PIV}] POST INDICATOR VALVE
[F_{DEG}] DELAYED EGRESS CONTROL
[F_S] SPEAKER (1/2 WATT UNLESS NOTED)
[F_{PS}] PAGING SPEAKER
[F_{SS}] SPEAKER (1/2 WATT UNLESS NOTED)- STROBE
[F_L] LIGHT

- [B] BELL
[B_L] BELL-STROBE
[B_L] BELL-LIGHT
[H] HORN
[H_S] HORN-STROBE
[H_L] HORN-LIGHT
[CH] CHIME
[CH_S] CHIME-STROBE
[CH_L] CHIME-LIGHT
[S] STROBE
[RIL] REMOTE INDICATOR LAMP
[DH] DOOR HOLDER
[DH-S] DOOR HOLDER WITH SMOKE DETECTOR
[FAC] FIRE ALARM COMMAND CONSOLE
[FACP] FIRE ALARM CONTROL PANEL
[FAAP] FIRE ALARM ANNUNCIATOR PANEL
[FALCA] LOCAL BLDG. FIRE ALARM ANNUNCIATOR PANEL
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[EPLR] ELEVATOR RECALL LIGHT RELAYS
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[FAT] FIRE ALARM TERMINAL CABINET
[FBO] FIBER OPTICS BREAKOUT BOX
[FC] FAN CONTROL
[FSD] COMBINATION FIRE AND SMOKE DAMPER

- [SD] SMOKE DAMPER
[SR] FIRE SHUTTER RELAY
[EP] ELECTRICAL PANEL
[EC] ELEVATOR CONTROLLER
[KS] KEY TEST SWITCH
[RP] RELAY PANEL
[CMR] CONTROL MODULE RELAY
[MDR] MONITORING MODULE RELAY
[MDO] MAGNETIC DOOR LOCK RELEASE
[RT] REMOTE TEST
[FPH] FIRE FIGHTER PHONE
[DA] DISTRIBUTED AMPLIFIER
[PSRA] PAGING SYSTEM REMOTE AMPLIFIER
[PSCP] PAGING SYSTEM CONTROL PANEL
[FAS] FIRE ALARM SIGNAGE
[TFAS] TEMPORARY FIRE ALARM STATION
[RB] ROTATING BEACON
[FEL] SMOKE DETECTOR-HEAT DETECTOR
[MH] MAN HOLE

THE FOLLOWING DEVICE NOTATIONS, LOCATED AT THE LOWER LEFT CORNER OF THE SYMBOL, APPLY TO ALL DEVICES AND/OR EQUIPMENT LISTED ABOVE:

- N - NEW
E - EXISTING TO BE REUSED OR REPLACED
R - EXISTING TO BE REPLACED
D - EXISTING TO BE REMOVED (DELETED)
F - FUTURE DEVICE TO BE INSTALLED UNDER DIFFERENT PROJECT

EXAMPLES:

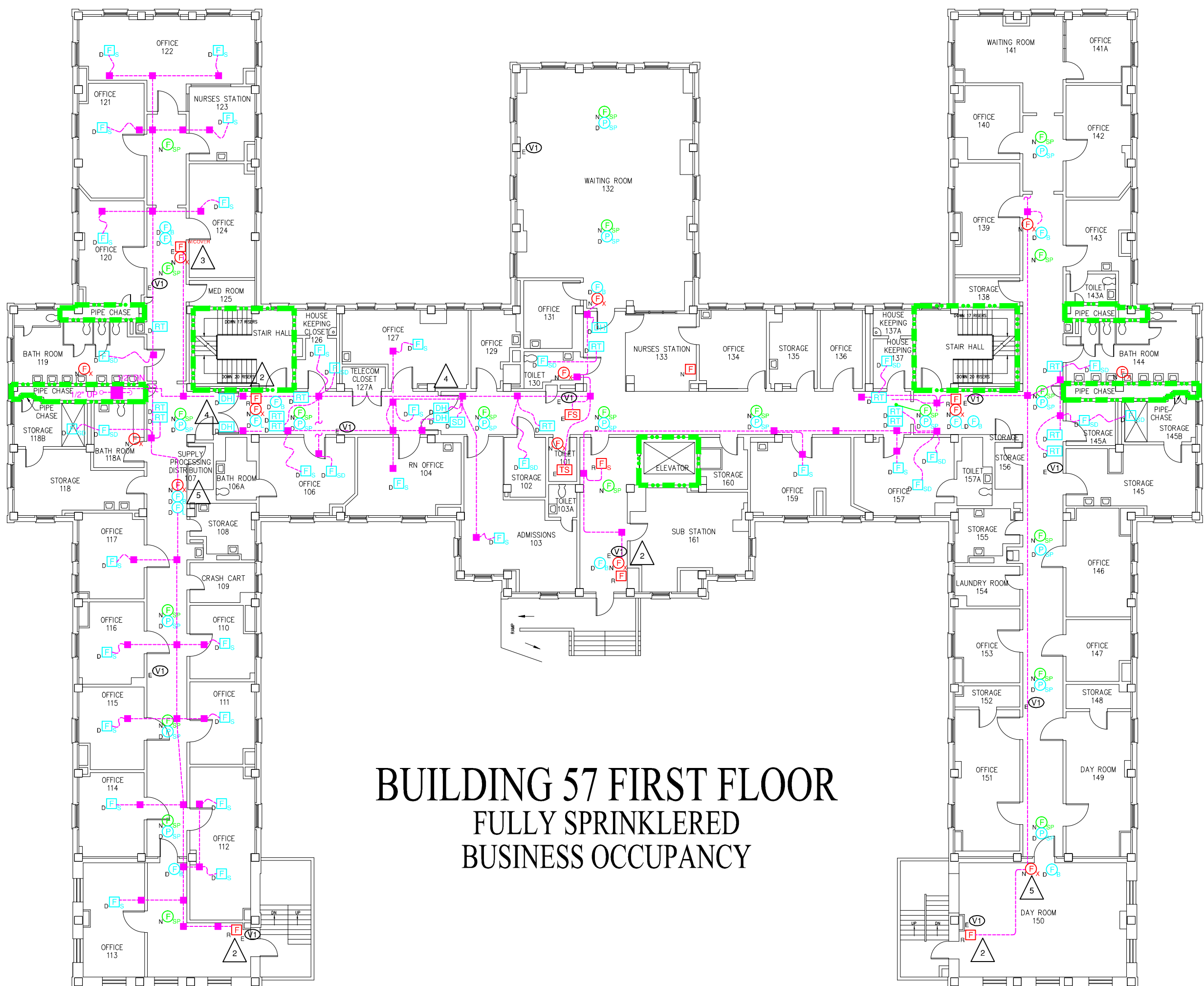
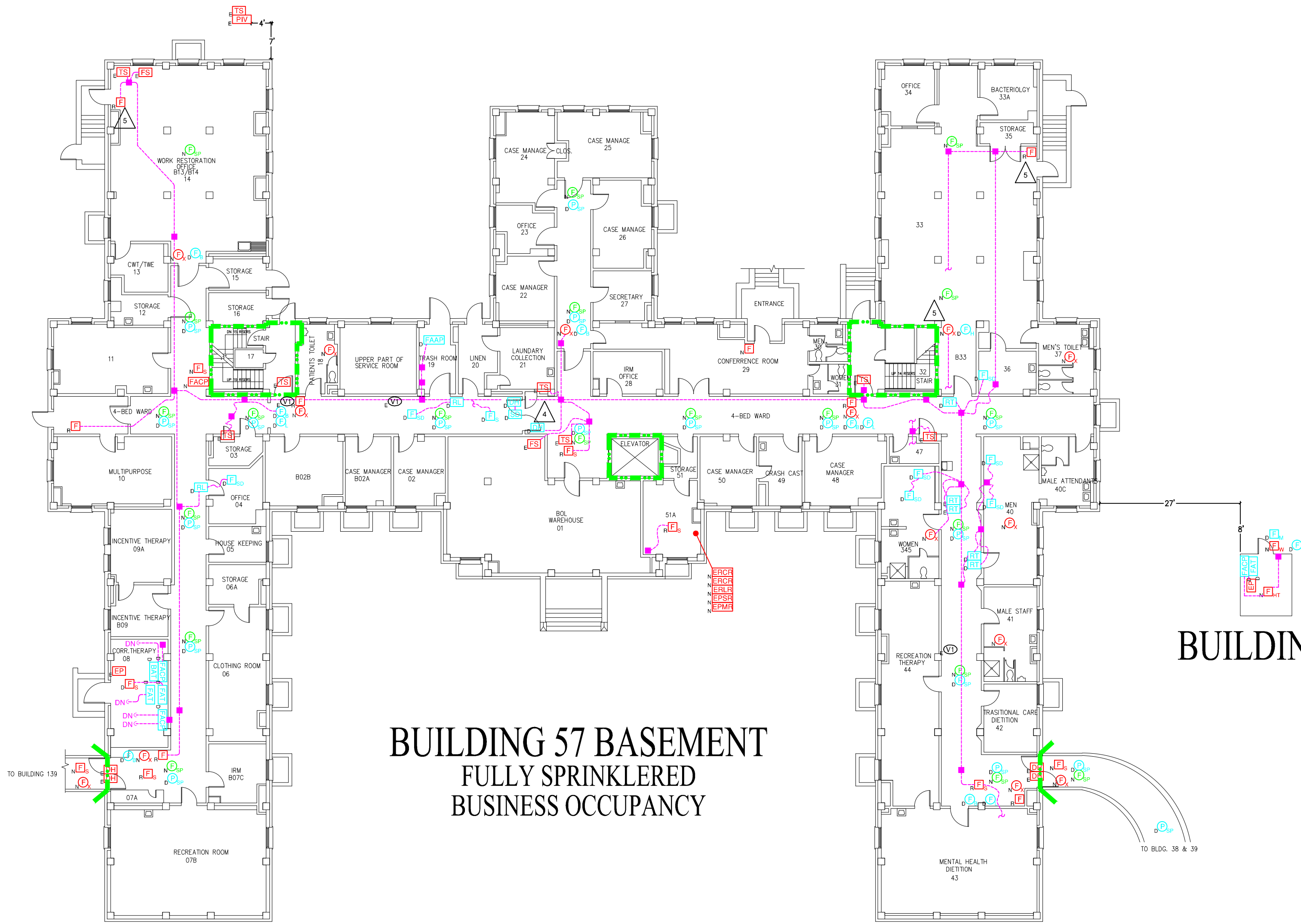
- [F] MANUAL FIRE ALARM STATION - EXISTING TO BE REPLACED
[F_L] SMOKE DETECTOR - NEW
[F_{SS}] CHIME-STROBE INDICATING DEVICE - EXISTING TO BE REUSED OR REPLACED
[DH] DOOR HOLDER - EXISTING TO BE REMOVED
[FIS] FLOW SWITCH - FUTURE

[Hatched Box] PLASTER, GYPSUM, OR SPLINE CEILINGS

- [Solid Line] EXISTING NETWORK CONDUIT
[Dashed Line with Square] EXISTING FIRE ALARM CONDUIT AND LARGE JUNCTION BOX
[Dashed Line with Circle] EXISTING FIRE ALARM CONDUIT AND JUNCTION BOX
[Dashed Line with Square and Circle] EXISTING FIRE ALARM CONDUIT GOING UP, DOWN, END OR INTO THE INTERSTITIAL SPACE
[Dashed Line with Square and Circle] EXISTING FIRE ALARM FLEX CONDUIT AND JUNCTION BOX
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[Dashed Line with Square and Circle] EXISTING SITE FIRE NETWORK ROUTE
[1 - Hour Fire Rated Partition] 1 - HOUR FIRE RATED PARTITION
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[Combined 1-Hour Fire Rated Partition and Smoke Barrier] COMBINED 1-HOUR FIRE RATED PARTITION AND SMOKE BARRIER
[Combined 2-Hour Fire Rated Partition and Smoke Barrier] COMBINED 2-HOUR FIRE RATED PARTITION AND SMOKE BARRIER
[Smoke Resistant Partition] SMOKE RESISTANT PARTITION
[Fire Alarm Zone Boundary] FIRE ALARM ZONE BOUNDARY

GENERAL FIRE ALARM KEY NOTES:

- 1 REMOVE PROTECTIVE COVER FROM PULL STATION AND RETURN TO VA.
2 REINSTALL PROTECTIVE COVER FOR PULL STATION.
3 REMOVE SURFACE MOUNTED CONDUIT AND REPLACE WITH NEW RECESSED CONDUIT.
4 REMOVE DOORS AND DOOR STOPS. BLANK OFF HINGE PLATE OPENINGS AND PATCH DOOR HOLDER/CLOSER MOUNT OPENINGS. REPAINT ENTIRE DOOR FRAME TO MATCH EXISTING COLOR.
5 NEW OR EXISTING WALL SURFACE MOUNTED DEVICE.



F	MANUAL FIRE ALARM STATION
I	INSTITUTIONAL MANUAL PULL STATION
FL	WEATHERPROOF MANUAL FIRE ALARM STATION
FL	MANUAL FIRE ALARM STATION IN LOCK BOX
FD	RESIDENTIAL TYPE SMOKE DETECTOR
FD	SMOKE DETECTOR
FD	IN-DWELL SMOKE DETECTOR
FD	SOUNDER SMOKE DETECTOR
FD	HEAD DETECTOR
FD	KITCHEN HOOD FIRE SUPPRESSION SYSTEM
FS	FLOW SWITCH
FS	VALVE SUPERVISORY SWITCH
FS	PRESSURE SWITCH
FS	HIGH/LOW AIR PRESSURE SUPERVISORY
FS	SPRINKLER VALVE
BS	DELAYED EGRESS CONTROL
SP	SPEAKER (1/2 WATT UNLESS NOTED)
SP	PAGING SPEAKER
SP	SPEAKER (1/2 WATT UNLESS NOTED) - STROBE LIGHT

- | | | | |
|-----------------|--|------|---|
| ④ ₁ | BELL | FPCP | FIRE PUMP CONTROL PANEL |
| ④ ₂ | BELL-STROBE | RLCP | REMOTELY LOCATED CONTROL PANEL |
| ④ ₃ | BELL-LIGHT | FAPS | FIRE ALARM POWER SUPPLY |
| ④ ₄ | HORN | EALS | ELEVATOR RECALL LIGHT RELAYS |
| ④ ₅ | HORN-STROBE | ELCR | ELEVATOR RECALL CONTROL RELAYS |
| ④ ₆ | HORN-LIGHT | EPMR | ELEVATOR POWER MONITOR RELAY |
| ④ ₇ | CHIME | EPSP | ELEVATOR POWER SHUTDOWN RELAYS |
| ④ ₈ | CHIME-STROBE | EGCP | EMERGENCY GENERATOR CONTROL PANEL |
| ④ ₉ | CHIME-LIGHT | NACE | NOTIFICATION APPLIANCE CIRCUIT EXTENDER |
| ④ ₁₀ | STROBE | FAPF | FIRE ALARM TRANSMITTER |
| ④ ₁₁ | REMOTE | FAB | FIRE ALARM RECALL |
| ④ ₁₂ | REMOTE INDICATOR LAMP | UBS | UNINTERRUPTIBLE POWER SUPPLY |
| ④ ₁₃ | DOOR HOLDER | BAT | BATTERY BATTERIES |
| ④ ₁₄ | DOOR HOLDER WITH SMOKE DETECTOR | GHR | GAS RELEASE BATTERIES CHARGER |
| FACP | FIRE ALARM COMMAND CONSOLE | GRT | GRT WITH KEYBOARD - OPERATOR'S TERMINAL |
| FACP | FIRE ALARM CONTROL PANEL | FAP | FIRE ALARM PRINTER |
| FAAP | FIRE ALARM ANNUNCIATOR PANEL | ICG | FIRE ALARM TERMINAL CABINET |
| LOCAL | LOCAL BLDG. FIRE ALARM ANNUNCIATOR PANEL | FB | FIBER OPTICS BREAKOUT BOX |
| FAAP | FIRE ALARM ANNUNCIATOR PANEL | DC | DAMPER CONTROL |
| FAAP | FIRE ALARM ANNUNCIATOR PANEL | EC | FAN CONTROL |
| FAAP | FIRE ALARM ANNUNCIATOR PANEL | FSD | COMBINATION FIRE AND SMOKE DAMPER |

- | | |
|-------------------------|--------------------------------|
| SD | SMOKE DAMPER |
| FD | FIRE DAMPER |
| FSH | FIRE SHUTTER RELAY |
| EP | ELECTRICAL PANEL |
| EC | ELEVATOR CONTROLLER |
| KS | KEY TEST SWITCH |
| RP | RELAY PANEL |
| CR | CONTROL MODULE RELAY |
| MR | MONITORING MODULE RELAY |
| ML | MAGNETIC DOOR LOCK RELEASE |
| RT | REMOTE TEST |
| FPH | FIRE FIGHTER PHONE |
| RAA | DISTRIBUTED AMPLIFIER |
| PSRA | PAGING SYSTEM REMOTE AMPLIFIER |
| PSCP | PAGING SYSTEM CONTROL PANEL |
| X | FIRE ALARM SIGNAGE |
| T | TEMPORARY FIRE ALARM STATION |
| D_{rot} | ROTATING BEACON |
| ST_{det} | SMOKE DETECTOR-HEAT DETECTOR |
| MH | MAN HOLE |

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EXAMPLE

☒ MAJUAL FIRE ALARM STATION - EXISTING TO BE REPLACED
☒ SMOKE DETECTOR - NEW
☒ CHIME-STROBE INDICATING DEVICE - EXISTING TO BE REUSED OR REPLACED
☒ DOOR HOLDER - EXISTING TO BE REMOVED
☒ FLOW SWITCH - FUTURE

 PLASTER, GYPSUM, OR SPUNE CEILINGS

EXISTING NETWORK CONDUIT

EXISTING FIRE ALARM CONDUIT AND LARGE JUNCTION BOX

EXISTING FIRE ALARM CONDUIT GOING UP, DOWN, END OR INTO THE INTERSTITIAL SPACE.

EXISTING FIRE ALARM FLEX CONDUIT AND JUNCTION BOX

EXISTING FIRE ALARM WIRE AND JUNCTION BOX

EXISTING FIRE ALARM CONDUIT WITH BREAKS TO SHOW PATH OF CONDUIT NOT TRACEABLE PAST THIS POINT.

EXISTING SITE FIRE NETWORK ROUTE

1 - HOUR FIRE RATED PARTITION

2 - HOUR FIRE RATED PARTITION

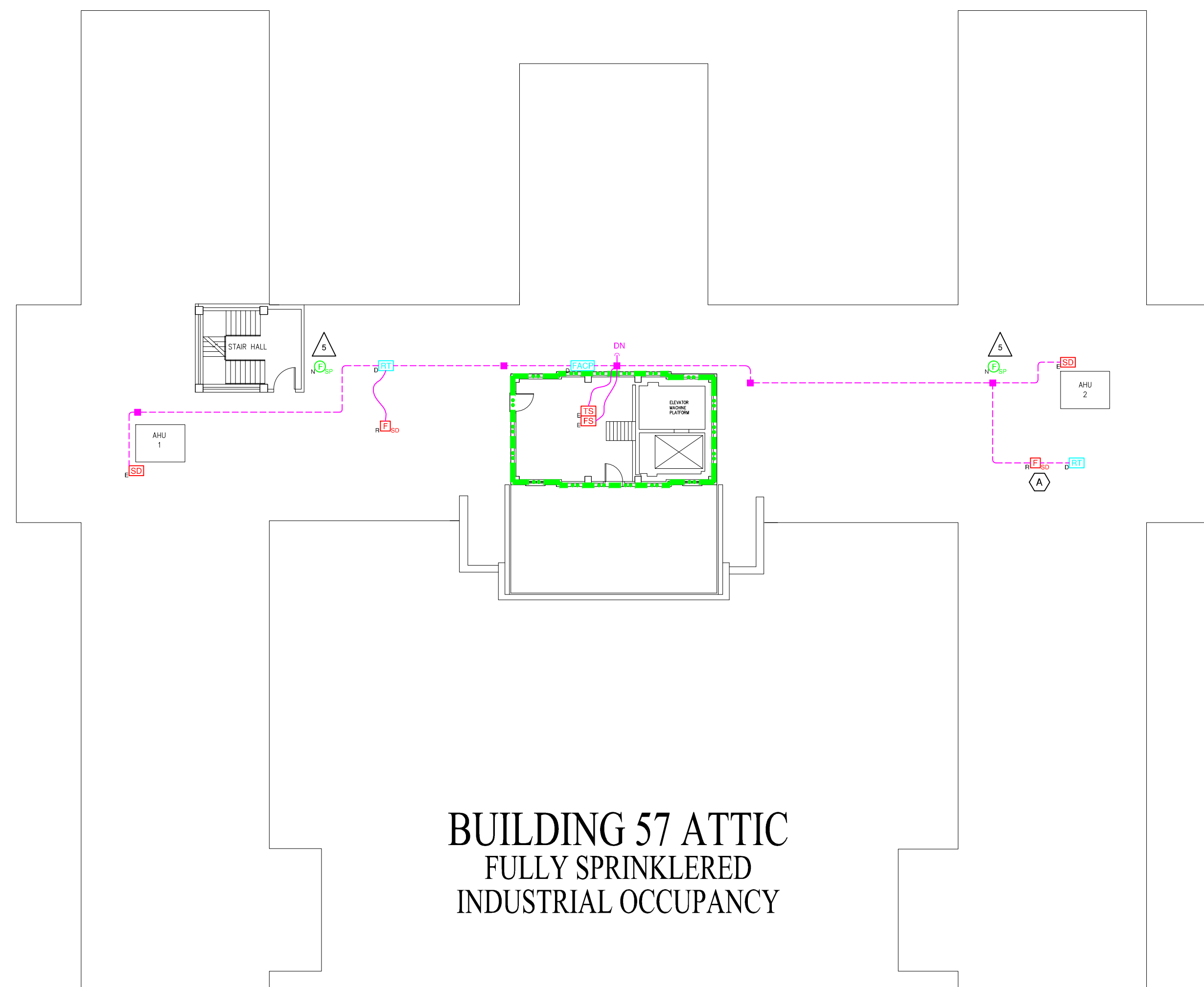
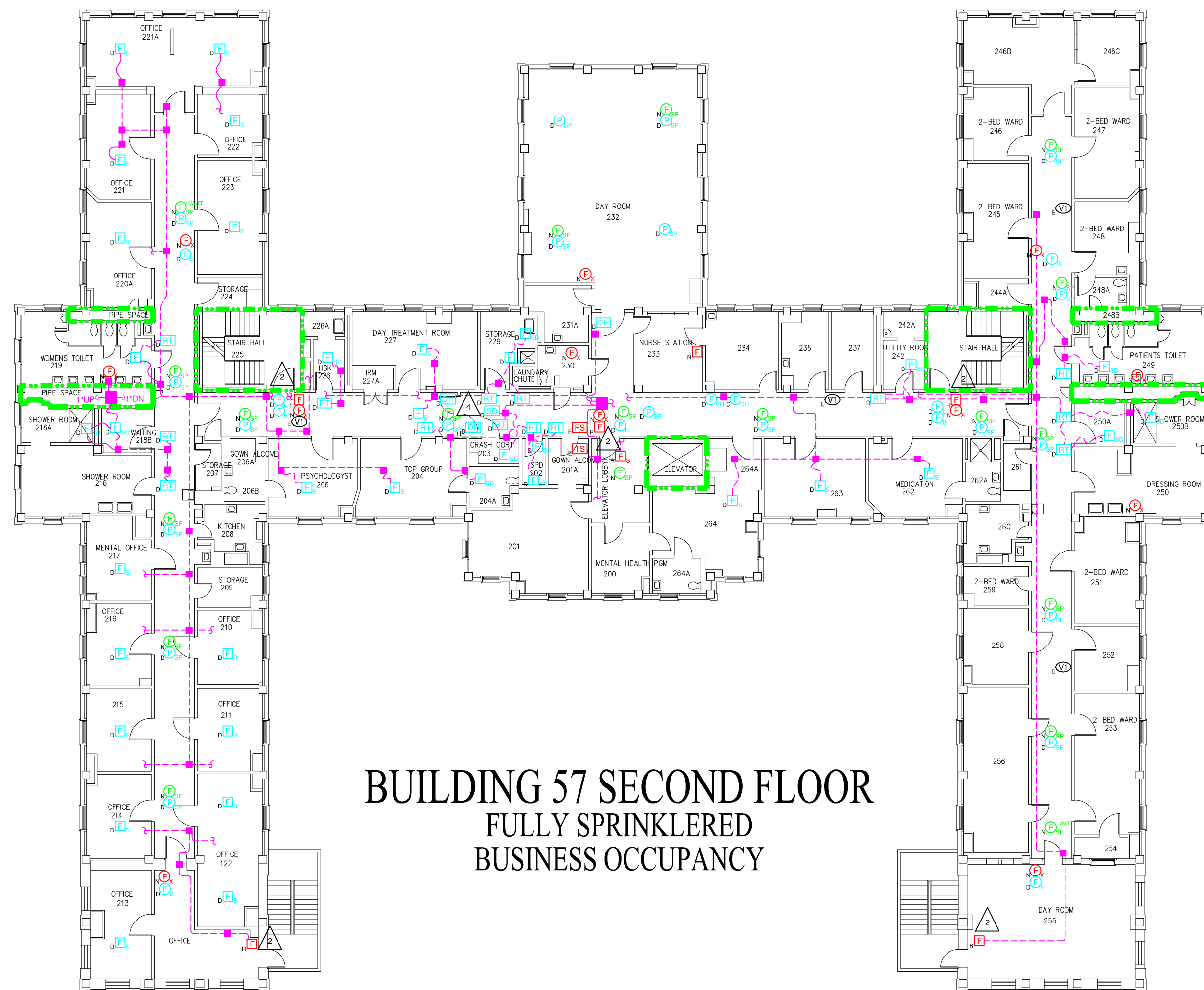
COMBINED 1-HOUR FIRE RATED PARTITION AND SMOKE BARRIER

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SMOKE RESISTANT PARTITION

FIRE ALARM ZONE BOUNDARY

- 1 REMOVE PROTECTIVE COVER FROM PULL STATION AND RETURN TO VA.
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Revisions		Date		 <div>Dept. of Veterans Affairs VA Medical Center 1400 Black Horse Hill Road Coatesville, PA 19320</div>	 <div>1st FIRE PROTECTION & CODE CONSULTANTS, INC. 1520 MAIN STREET INDIANAPOLIS, IN 46224 (317)486-5188</div>							Approved: Chief, Facilities Management Services		Drawing Title		Project Title		Date		 <div>Department of Veterans Affairs</div>
						Approved: Medical Center Director		BUILDINGS 57 SECOND, PENTHOUSE FLOORS		REPLACE FIRE ALARM SYSTEM		1/25/11								
						Approved:		Client Project No. 542-07-103		Contract No. VA244-P-1473		Designed By SCR		Checked By SCR		Drawn By SF/DN/JV		Scale: 1/16"=1'-0"		
FP&C Proj.#:		1853.00				Approved:		Building No. 57		AutoCAD File Name Z2 FA14 57-2,P		Location VA MEDICAL CENTER COATESVILLE, PENNSYLVANIA		Drawing No. FA-14		Dwg. 18 of 28				

FIRE ALARM SYMBOLS:

- [F] MANUAL FIRE ALARM STATION
[F_W] WEATHERPROOF MANUAL FIRE ALARM STATION
[F_L] MANUAL FIRE ALARM STATION IN LOCK BOX
[F_R] RESIDENTIAL TYPE SMOKE DETECTOR
[F_S] SMOKE DETECTOR
[F_{IS}] IN-DUCT SMOKE DETECTOR
[F_{SD}] SOUNDER SMOKE DETECTOR
[F_{HT}] HEAT DETECTOR
[F_K] KITCHEN HOOD FIRE SUPPRESSION SYSTEM
[F_{SW}] FLOW SWITCH
[F_{VS}] VALVE SUPERVISORY SWITCH
[F_{PS}] PRESSURE SWITCH
[F_{HLP}] HIGH/LOW AIR PRESSURE SUPERVISORY
[F_{PIV}] POST INDICATOR VALVE
[F_{EC}] DELAYED EGRESS CONTROL
[F_S] SPEAKER (1/2 WATT UNLESS NOTED)
[F_{SS}] SOUNDER SPEAKER (1/2 WATT UNLESS NOTED) - STROBE
[F_L] LIGHT

- [B] BELL
[B_L] BELL-STROBE
[B_L] BELL-LIGHT
[H] HORN
[H_S] HORN-STROBE
[H_L] HORN-LIGHT
[C] CHIME
[C_S] CHIME-STROBE
[C_L] CHIME-LIGHT
[S] STROBE
[RI] REMOTE INDICATOR LAMP
[DH] DOOR HOLDER
[DH-S] DOOR HOLDER WITH SMOKE DETECTOR
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[ACP] FIRE ALARM CONTROL PANEL
[AAP] FIRE ALARM ANNUNCIATOR PANEL
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[FAN] SITE NETWORK FIRE ALARM ANNUNCIATOR PANEL

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[Fire Alarm Zone Boundary] FIRE ALARM ZONE BOUNDARY

DRAWING KEY NOTES:

- [A] REMOVE PROTECTIVE COVER FROM BELL AND DISCARD.

DRAWING GENERAL NOTES:

- [1] INTERLOCKING ACOUSTICAL TILES THROUGHOUT FIRST FLOOR.

GENERAL FIRE ALARM KEY NOTES:

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