UPGRADE FIRE ALARM SYSTEM

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GENERAL NOTES

1. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE U.S.P.S TO MAINTAIN CUSTOMER ACCESS AT ALL TIMES.
2. ALL WORK BEING PERFORMED SHALL NOT IN ANY WAY INTERFERE WITH THE REGULAR OPERATION OF THE U.S.P.S. FACILITY. SECURITY SHALL BE MAINTAINED AT ALL TIMES.
3. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE FACILITY FOR ACCESS TO AND FROM THE FACILITY.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD BEFORE BEGINNING ANY WORK OR PURCHASING ANY MATERIAL OR EQUIPMENT.
5. THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS BEFORE SUBMITTING HIS OFFER. NO EXTRA WILL BE ALLOWED FOR FAILURE TO COMPLY WITH THE ABOVE.
6. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT / ENGINEER OF ANY EXISTING CONDITION DISCOVERED DURING DEMOLITION THAT WILL INTERFERE WITH THE NEW WORK.

LEGEND

- SHEET LOCATION MARK
- DETAIL MARK
- SECTION MARK
- S — SEALANT
- PMJ — PREMOLDED JOINT FILLER

ABBREVIATIONS

&	AND
@	AT
DIA	DIAMETER
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX.	APPROXIMATE, APPROXIMATELY
B.O.	BOTTOM OF
BD.	BOARD
BRG.	BEARING
CCTV	CLOSED-CIRCUIT TELEVISION
℄	CENTERLINE
CLG.	CEILING
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
COLS.	COLUMNS
CONC.	CONCRETE
CONT.	CONTINUOUS
C.O.	CONTRACTING OFFICER
D.S.	DOWNSPOUT
DIA.	DIAMETER
DISP.	DISPLAY OR DISPENSER
DTL.	DETAIL
E.W.C.	ELECTRICAL WATER COOLER
ELEC.	ELECTRIC, ELECTRICAL
EQ.	EQUAL
EXP	EXPANSION
EXT.	EXTERIOR
F.E.	FIRE EXTINGUISHER
FF	FACTORY FINISH
FIN.	FINISH(ED)
F.O.	FACE OF
GA.	GAUGE
G.C.	GENERAL CONTRACTOR
GYP.	GYPSUM
H	HIGH
HB.	HOSE BIBB
HDW	HARDWARE
HGT.	HEIGHT
HM	HOLLOW METAL
HT.	HEIGHT
I.D.	INSIDE DIAMETER
i.e.	THAT IS
INSUL.	INSULATION
INT	INTERIOR
IRT	INTEGRATED RETAIL TERMINAL
JAN.	JANITOR
JT.	JOINT
LB	POUND
MATL.	MATERIAL
MAX.	MAXIMUM
MFGR.	MANUFACTURER
MIN.	MINIMUM
M.O.	MASONRY OPENING
MOD	MODIFIED
MTD	MOUNTED
MTL.	METAL
NO.	NUMBER
N/A	NOT APPLICABLE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OPP.	OPPOSITE
P. LAM.	PLASTIC LAMINATE
PART.	PARTITION, PARTIAL
PBSM	POSTAGE BOOKLET STAMP MACHINE
PLYWD.	PLYWOOD
P.O.	POST OFFICE
P.O.S.	POINT OF SALE
PTD	PAINTED
PL	PLATE
RECEP.	RECEPTACLE
REF.	REFER, REFERENCE
REQ'D	REQUIRED
R.O.	ROUGH OPENING
SQ. FT.	SQUARE FEET
SQ. IN.	SQUARE INCHES
SCW	SOLID CORE WOOD
S.S.	STAINLESS STEEL
SHT.	SHEET
SHTS.	SHEETS
SIM.	SIMILAR
SPECS	SPECIFICATIONS
STL.	STEEL
T & G	TONGUE AND GROOVE
TELE.	TELEPHONE
THICK	THICKNESS
THRESH	THRESHOLD
T.O.	TOP OF
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
USPS	UNITED STATES POSTAL SERVICE
VCT	VINYL COMPOSITION TILE
VIF	VERIFY IN FIELD
W	WIDE
W/	WITH
WD	WOOD
WWF	WELDED WIRE FABRIC

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ELECTRICAL REMOVAL NOTES

1. WIRING SHOWN DARK DASHED (-----) SHALL BE REMOVED.
2. JUNCTION OR PULL BOXES LOCATED WITHIN CIRCUITS BEING REMOVED SHALL ALSO BE REMOVED, UNLESS OTHERWISE NOTED.
3. DEVICES SHOWN DARK DASHED (-----) WITH OR WITHOUT ADJACENT NOTATION SHALL BE REMOVED.
4. ITEMS AND RACEWAYS/FEEDERS SHOWN LIGHT SOLID (———) SHALL REMAIN AS EXISTING AS SHOWN. ANY MODIFICATIONS SHALL BE SHOWN ON NEW FLOOR PLAN LAYOUTS AND RISERS.
5. PROVIDE COVERS FOR ANY UNUSED OPENINGS IN MODIFIED ENCLOSURES AND WIREWAYS.
6. ASSOCIATED WIRING, SUPPORTS, AUXILIARY DEVICES. ETC, ASSOCIATED WITH ITEMS OR EQUIPMENT BEING REMOVED SHALL ALSO BE REMOVED, UNLESS THEY ARE ALSO ASSOCIATED WITH ITEMS/EQUIPMENT REMAINING, IN WHICH CASE THEY SHALL BE MODIFIED AS NECESSARY TO MAINTAIN FUNCTIONALITY WITH THE REMAINING EQUIPMENT.
7. THE ELECTRICAL DEMOLITION WORK SHALL BE PERFORMED IN COOPERATION WITH THE OTHER TRADES AND AS SCHEDULED BY THE CONTRACTOR. THE DEMO WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE OVERALL PROJECT PHASING.

ELECTRICAL GENERAL NOTES

1. WIRING SHALL BE RUN CONCEALED IN FINISHED AREAS UNLESS SPECIFIED OTHERWISE.
2. THE CONTRACTOR SHALL COORDINATE WORK WITH USPS FOR ACCESS TO AND FROM THE BUILDING AND SITE.
3. EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER, RECTILINEAR TO BUILDING STRUCTURE.
4. COMPONENTS SHOWN ON THE RISER DIAGRAMS, BUT NOT ON THE PLAN OR VICE-VERSA, SHALL BE INCLUDED AS IF SHOWN ON BOTH.
5. VERIFY EXACT LOCATION OF MECHANICAL EQUIPMENT THAT REQUIRE FIRE ALARM CONNECTIONS AT THE BUILDING.
6. RACEWAYS RUNNING THROUGH BUILDING EXPANSION JOINTS SHALL BE EQUIPPED WITH EXPANSION FITTINGS.
7. CONTRACTOR SHALL REVIEW CONTRACT DOCUMENTS TO DETERMINE SPECIFIC MOUNTING LOCATIONS FOR FIRE ALARM EQUIPMENT. COORDINATE EXACT MOUNTING LOCATIONS WITH THE ARCHITECT.
8. PROVIDE INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE FIRE ALARM WORK COMPLETE AND READY FOR OPERATION.

FIRE ALARM GENERAL NOTES

1. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED AS THE BASIS OF DESIGN FOR PREPARATION OF DETAILED SHOP DRAWINGS. THE DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS, BUT TO DEMONSTRATE THE CONFIGURATION OF MAJOR SYSTEM COMPONENTS AND APPROXIMATE APPLIANCE AND DEVICE LOCATIONS. FIELD VERIFY LOCATIONS OF ALL DEVICES, APPLIANCES, AND SYSTEM COMPONENTS.
2. ALL COMPONENTS SHOWN SHALL BE NEW UNLESS SPECIFICALLY NOTED AS EXISTING.
3. ALL CONDUIT, WIRING, AND EQUIPMENT SHALL BE INSTALLED AND GROUNDED IN ACCORDANCE WITH THE LATEST STANDARDS OF THE NATIONAL AND STATE ELECTRICAL CODES AND ANY APPLICABLE LOCAL REGULATIONS.
4. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT (INCLUDING ALL BATTERY OPERATED LIFTS, LADDERS, TOOLS, ETC.) REQUIRED TO COMPLETE WORK INDICATED ON PLANS.
5. THE CONTRACTOR SHALL ADHERE TO ALL OSHA AND USPS SAFETY REQUIREMENTS WHILE WORKING IN THE POSTAL FACILITY. FOLLOW SPECIFIC USPS SAFETY REQUIREMENTS FOR WORK ASSOCIATED WITH LADDERS AND BATTERY-OPERATED LIFTS. WORK AREAS SHALL BE ISOLATED FROM USPS PERSONNEL WITH SAFETY CONES AND YELLOW CAUTION TAPE.
6. ALL WORK SHALL BE PERFORMED DURING NORMAL FACILITY OPERATION. THE CONTRACTOR SHALL USE CAUTION AND MINIMIZE INTERRUPTIONS TO USPS OPERATIONS. ANY DISRUPTIONS TO NORMAL USPS WORK PROCEDURES SHALL BE SCHEDULED AND COORDINATED WITH THE FACILITY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ALL SYSTEMS OR BUILDING COMPONENTS DAMAGED DURING THE EXECUTION OF THIS WORK. ANY AREAS DAMAGED BY THE INSTALLATION OR REMOVAL OF THE EXISTING FIRE ALARM SYSTEM SHALL BE REPAIRED TO MATCH EXISTING CONDITIONS. THIS WORK SHALL INCLUDE ALL WALLS, CEILINGS, FLOORS, MASONRY, BRICKWORK, ETC. DAMAGE SHALL INCLUDE, BUT NOT BE LIMITED TO, DESTRUCTION OR DISPOSAL OF ITEMS INTENDED TO REMAIN OR BE SALVAGED.
8. THE CONTRACTOR SHALL NOTE THAT THE BUILDING IS BEING USED BY USPS EMPLOYEES AND CUSTOMERS. ALL WORK SHALL BE PERFORMED IN AS SAFE A MANNER AS POSSIBLE. ALL WORK AREAS SHALL BE MADE SAFE AT THE END OF EACH DAY AND AREAS UNDER CONSTRUCTION SHALL BE THOROUGHLY CLEANED ON A DAILY BASIS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARILY RELOCATING ALL FURNITURE, SORTING STATIONS, STORAGE CABINETS, RACKS, ETC., AS REQUIRED TO COMPLETE WORK INDICATED. COORDINATE RELOCATION WITH USPS.
10. ALL WORK SHALL BE COORDINATED WITH THE USPS PRIOR TO ROUGHING.
11. ELEVATOR RECALL– PROVIDE SIGNALS TO EXISTING ELEVATOR CONTROLLER FOR ELEVATOR RECALL TO THE DESIGNATED FLOOR AND ELEVATOR RECALL TO THE ALTERNATE FLOOR. IN ADDITION, A SIGNAL SHALL BE PROVIDED INDICATING ELEVATOR MACHINE ROOM SMOKE DETECTOR ACTIVATED. COORDINATE WITH THE FACILITY ELEVATOR MAINTENANCE CONTRACTOR
12. ELEVATOR SHAFT DAMPER– PROVIDE SIGNAL TO THE EXISTING ELEVATOR SHAFT VENTILATION DAMPER AT THE TOP OF THE SHAFT TO OPEN UPON ALARM SIGNAL FROM THE FA SYSTEM.
13. DUCT SMOKE AIR HANDLING UNIT INTERFACE– PROVIDE SHUT DOWN SIGNAL TO THE AIR HANDLING UNIT ASSOCIATED WITH THE DUCT SMOKE DETECTOR IN ALARM. COORDINATE INTERFACE WITH EXISTING HVAC CONTROLS.
14. SPRINKLER PRE-ACTION MONITORING– PROVIDE ZONE MONITORING AT SPRINKLER PRE-ACTION PANEL FOR ALARM, SUPERVISORY AND TROUBLE CONDITIONS.
15. SPRINKLER PRE-ACTION SYNCHRONIZATION– LOCAL OCCUPANT NOTIFICATION OF SPRINKLER PRE-ACTION ALARM SHALL BE AUDIBLE ONLY. WHERE LIGHTS ARE REQUIRED, STROBES SHALL NOT BE USED (CONSTANT ILLUMINATION ONLY) TO ELIMINATE POTENTIAL OF NON-SYNCHRONIZED STROBES.
16. SHUNT TRIP FA MONITORING– PROVIDE SIGNALS FROM NEW FIRE ALARM SYSTEM TO EXISTING MECHANIZATION EQUIPMENT SHUNT TRIP POWER SUPPLIES TO MATCH EXISTING OPERATION.
17. HOOD FIRE SUPPRESSION MONITORING– PROVIDE ZONE MONITORING OF THE KITCHEN HOOD FIRE SUPPRESSION SYSTEMS FOR ALARM AND COMBINED SUPERVISORY/TROUBLE CONDITIONS.
18. FIRE PUMP– THE FIRE PUMP CONTROLLER SHALL BE MONITORED BY THE FIRE ALARM SYSTEM FOR THE FOLLOWING:
    A. PUMP RUNNING
    B. LOSS OF PHASE
    C. PHASE REVERSAL
    D. PUMP ON GENERATOR
    E. CONTROLLER SUPERVISORY ALARM
19. FIRE ALARM SYSTEM WIRING METHODS:
    A. WORKROOM– RIGID STEEL CONDUIT OR IMC UP TO 10'-0" AFF, MC CABLE ABOVE 10'-0" AFF.
    B. ABOVE ACT CEILING– PLENUM RATED CABLE.
    C. EXPOSED ON WALLS IN FINISHED AREAS (RETAIL, PUBLIC AREAS, OFFICE SUITES, AND CORRIDORS, CONFERENCE AND TRAINING ROOMS, etc.) – TWO PIECE SURFACE METAL RACEWAY.
    D. OTHER AREAS NOT LISTED ABOVE – MC CABLE
20. FIRE ALARM MC CABLE SHALL HAVE A RED IDENTIFIER RUN FOR ENTIRE LENGTH. JUNCTION BOX COVERS AND CONDUIT COUPLINGS FOR ALL FIRE ALARM RACEWAYS SHALL BE PAINTED RED PRIOR TO INSTALLATION.
21. ALL FIRE ALARM CABLE SHALL BE INDEPENDENTLY SUPPORTED WITH NEW HANGERS IN ALL ACCESSIBLE LOCATIONS. FIRE ALARM CABLE SHALL NOT BE RUN IN CONTACT WITH ACT T-BARS OR ATTACHED TO CEILING SUPPORT WIRES.
22. REMOVE, PROTECT, AND STORE EXISTING ACOUSTIC CEILING TILES AND FRAMEWORK TO ALLOW FOR INSTALLATION OF NEW AND REMOVAL OF EXISTING FIRE ALARM WIRING AND COMPONENTS. REINSTALL CEILING COMPONENTS. REPLACE ANY CEILING COMPONENTS DAMAGED DURING THIS WORK. CONTRACTOR SHALL INCLUDE THE FOLLOWING WORK IN BASE OFFER: (100) 2'X4' ACOUSTIC CEILING TILES AND (100) 2'X2' ACOUSTIC CEILING TILES TO REPLACE PREVIOUSLY MISSING OR DAMAGED TILES. NEW MATERIALS SHALL MATCH EXISTING IN TYPE, SIZE, AND FINISH.
23. THE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED AS THE BASIS OF DESIGN FOR PREPARATION OF DETAILED SHOP DRAWINGS. THE DRAWINGS ARE NOT INTENDED TO SHOW EXACT LOCATIONS, BUT TO DEMONSTRATE THE CONFIGURATION OF MAJOR SYSTEM COMPONENTS AND APPROXIMATE APPLIANCE AND DEVICE LOCATIONS. FIELD VERIFY LOCATIONS OF ALL EXISTING AND NEW DEVICES, APPLIANCES, AND SYSTEM COMPONENTS.
24. THE CONTRACTOR SHALL CARRY COSTS FOR THE FOLLOWING COMPONENTS NOT SHOWN ON DRAWINGS, ALL CONNECTIONS SHALL INCLUDE 100' OF FIRE ALARM WIRING IN RACEWAY:
    A. REMOVAL OF TWENTY-FIVE (25) EXISTING SMOKE OR HEAT DETECTORS AND PROVIDE NEW IN EXISTING LOCATIONS.
    B. PROVIDE NEW MONITORING FOR TWENTY-FIVE (25) EXISTING FLOW SWITCHES, TWENTY-FIVE (25) TAMPER SWITCHES AND TWELVE (12) PRESSURE SWITCHES.
    C. REMOVAL OF TEN (10) EXISTING PULL STATIONS AND PROVIDE NEW IN EXISTING LOCATIONS.
    D. REMOVAL OF FIFTY (50) EXISTING LOUDSPEAKER AUDIBLE SIGNALS.
    E. REMOVAL OF TWENTY-FIVE (25) EXISTING AUDIBLE/VISUAL NOTIFICATION APPLIANCES, AND PROVIDE NEW IN EXISTING LOCATIONS.
    F. REMOVAL OF TWENTY-FIVE (25) EXISTING DUCT SMOKE DETECTORS AND PROVIDE NEW IN EXISTING LOCATIONS, INCLUDING INTERFACE WITH ALL ASSOCIATED AIR HANDLER UNIT CONTROLS.
    G. REMOVAL OF TWENTY-FIVE (25) EXISTING CONTROL RELAY MODULES/INTERFACE CONNECTIONS TO SHUNT TRIP CIRCUIT BREAKERS OR DIRECT CONNECTIONS TO MECHANIZATION EQUIPMENT FOR POWER SHUTDOWN, AND PROVIDE NEW RELAYS IN EXISTING LOCATIONS.
    H. REMOVAL OF TEN (10) EXISTING ACCESS CONTROL DOOR LOCK CONNECTIONS AND PROVIDE NEW CONNECTIONS IN EXISTING LOCATIONS, INCLUDING ALL INTERFACE CONNECTIONS TO UNLOCK DOORS UPON ACTIVATION OF FIRE ALARM SYSTEM.
    I. REMOVAL OF FOUR (4) EXISTING DOOR HOLD-OPEN DEVICES AND PROVIDE NEW AT EXISTING LOCATIONS, PROVIDE ALL CONTROLS AND RELAYS TO RELEASE DOORS UPON ACTIVATION OF FIRE ALARM SYSTEM.
25. THE EXISTING FIRE ALARM SERVICE COMPANY OF RECORD FOR THE FACILITY IS SIMPLEX-GRINNELL, CONTACT: DAVID HOWARD, (781)589-6008 OR (781)619-6191. THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH SIMPLEX-GRINNELL AND PAY ALL CHARGES ASSOCIATED WITH DISCONNECTING, REMOVING, AND TEMPORARY CONNECTIONS TO THE EXISTING FIRE ALARM SYSTEM; INCLUDING, BUT NOT LIMITED TO, TEMPORARY CONNECTIONS, TEMPORARY MONITORING, AND RE-PROGRAMMING.
26. EXISTING BUILDING FIRE PROTECTION SPRINKLER SYSTEM SHALL NOT BE SHUT DOWN OR AFFECTED BY THIS WORK.

GENERAL PHASING NOTES

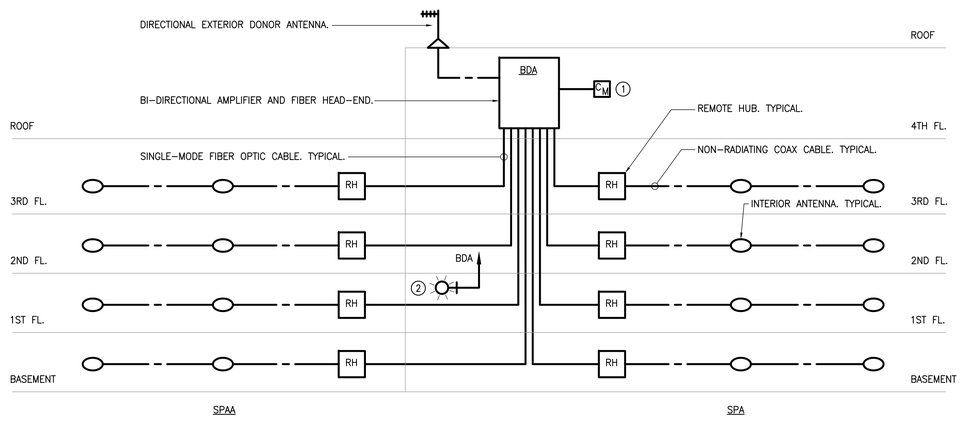
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN FIRE ALARM DETECTION AND NOTIFICATION IN ALL AREAS OF THE BUILDING AT ALL TIMES. IF THE FIRE ALARM SYSTEM IS DISABLED, THE CONTRACTOR SHALL PROVIDE A FIRE WATCH TO THE SATISFACTION OF THE USPS AND/OR BOSTON FIRE DEPARTMENT.
2. THE NEW FIRE ALARM SYSTEM SERVING A PARTICULAR ZONE SHALL BE FULLY OPERATIONAL, TESTED, APPROVED AND ACCEPTED PRIOR TO THE DISCONNECTION AND REMOVAL OF THE EXISTING FIRE ALARM SYSTEM WITHIN THE RESPECTIVE ZONE.
3. ALL WARRANTIES SHALL COMMENCE AT THE ACCEPTANCE OF THE ENTIRE FIRE ALARM SYSTEM FOR THE PROJECT.
4. THE CONTRACTOR SHALL SUBMIT A COMPLETE PHASING SCHEDULE TO THE A/E FOR APPROVAL PRIOR TO COMMENCING WORK.

LEGEND

110 F	AUDIBLE/VISUAL NOTIFICATION APPLIANCE "NUMERAL" INDICATES CANDELA RATING
T F	AUDIBLE-ONLY NOTIFICATION APPLIANCE – TRUMPET SPEAKER
A	AUDIBLE-ONLY NOTIFICATION APPLIANCE
V	VISUAL-ONLY NOTIFICATION APPLIANCE
E	FIRE ALARM EXTERIOR RED FLASHING SIGNAL BEACON
F	FIREFIGHTER'S PHONE
SP	SPEAKER – CEILING OR WALL MOUNTED
SP	SPEAKER – ELEVATOR CAB
F	MASTER BOX
F	PULL STATION
S	SMOKE DETECTOR
S E	SMOKE DETECTOR, "E" INDICATES ELEVATOR RECALL
S	DUCT SMOKE DETECTOR
H	HEAT DETECTOR
M M	MONITOR MODULE
F S	FLOW SWITCH
P S	PRESSURE SWITCH
T S	TAMPER SWITCH
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
FAPS	FIRE ALARM POWER SUPPLY
SYNC	FIRE ALARM SYNCH MODULE
FAA	FIRE ALARM ANNUNCIATOR
RTS	REMOTE TEST STATION
RAI	REMOTE ALARM INDICATOR
CM	CONTROL MODULE
CP	CONTROL PANEL
DH	MAGNETIC DOOR HOLDER
J	JUNCTION BOX
———	NEW
———	EXISTING TO REMAIN
- - - - -	EXISTING TO BE REMOVED
	HATCH DENOTES NON-ACCESSIBLE DRYWALL/PLASTER CEILING.
	HATCH DENOTES ACCESSIBLE CEILING TILE (ACT) CEILING.
	LACK OF HATCHING DENOTES NO FINISHED CEILING.
10'-6" A.F.F.	CEILING HEIGHT TAG DENOTES APPROXIMATE CEILING HEIGHT FOR REFERENCE.
XXX #	MECHANICAL EQUIPMENT TAG: "XXX" DENOTES EQUIPMENT TYPE. "#" DENOTES EQUIPMENT NUMBER. REFER TO MECHANICAL EQUIPMENT SCHEDULE.
3	FEEDER TAG – REFER TO FEEDER SCHEDULE.
1	KEY NOTE TAG.

KEY NOTES:

1. PROVIDE CONNECTION TO FIRE ALARM SYSTEM FOR TROUBLE INDICATION.
2. PROVIDE FLUSH MOUNTED STROBE LIGHT IN POSTAL POLICE STATION FOR NOTIFICATION OF FAULT IN FIREFIGHTER'S IN-BUILDING RADIO COMMUNICATION SYSTEM.



1 FIREFIGHTER'S IN-BUILDING RADIO COMMUNICATION SYSTEM RISER DIAGRAM

SCALE: NTS

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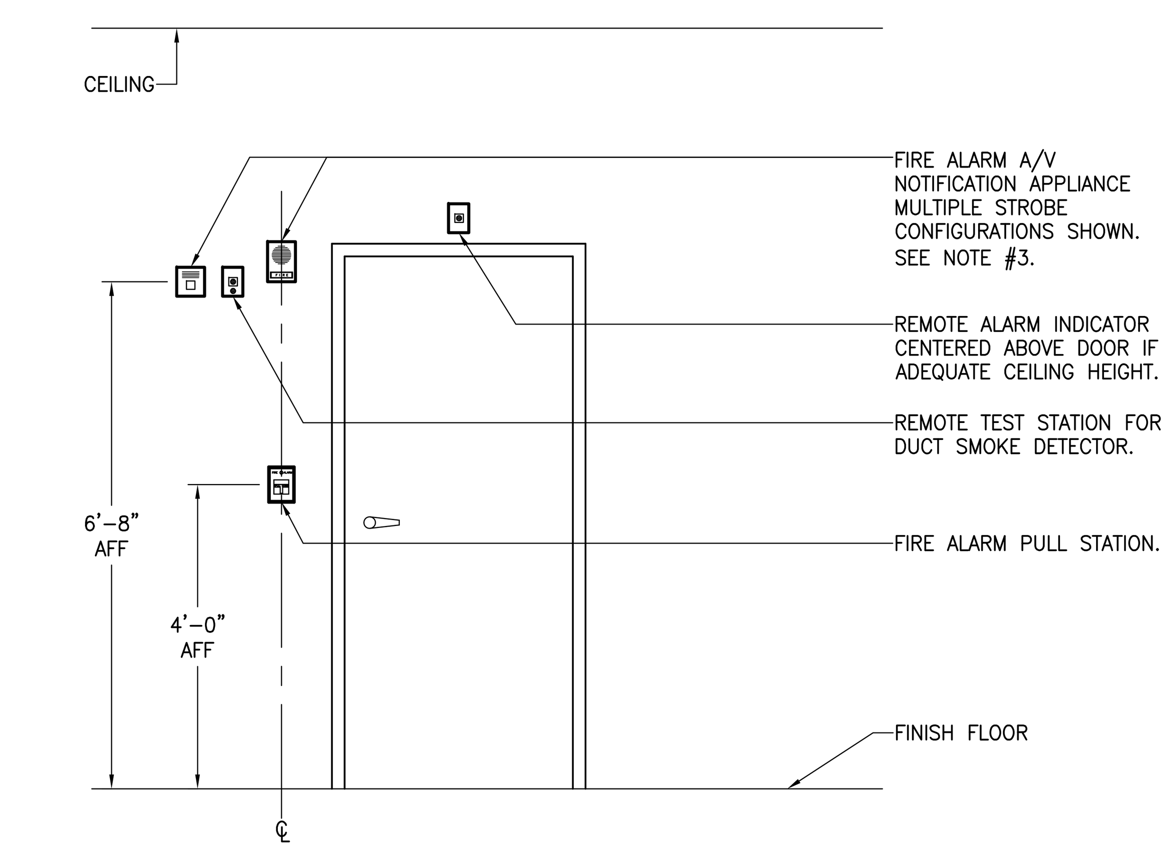
Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

E0.01 FIRE ALARM LEGEND AND NOTES

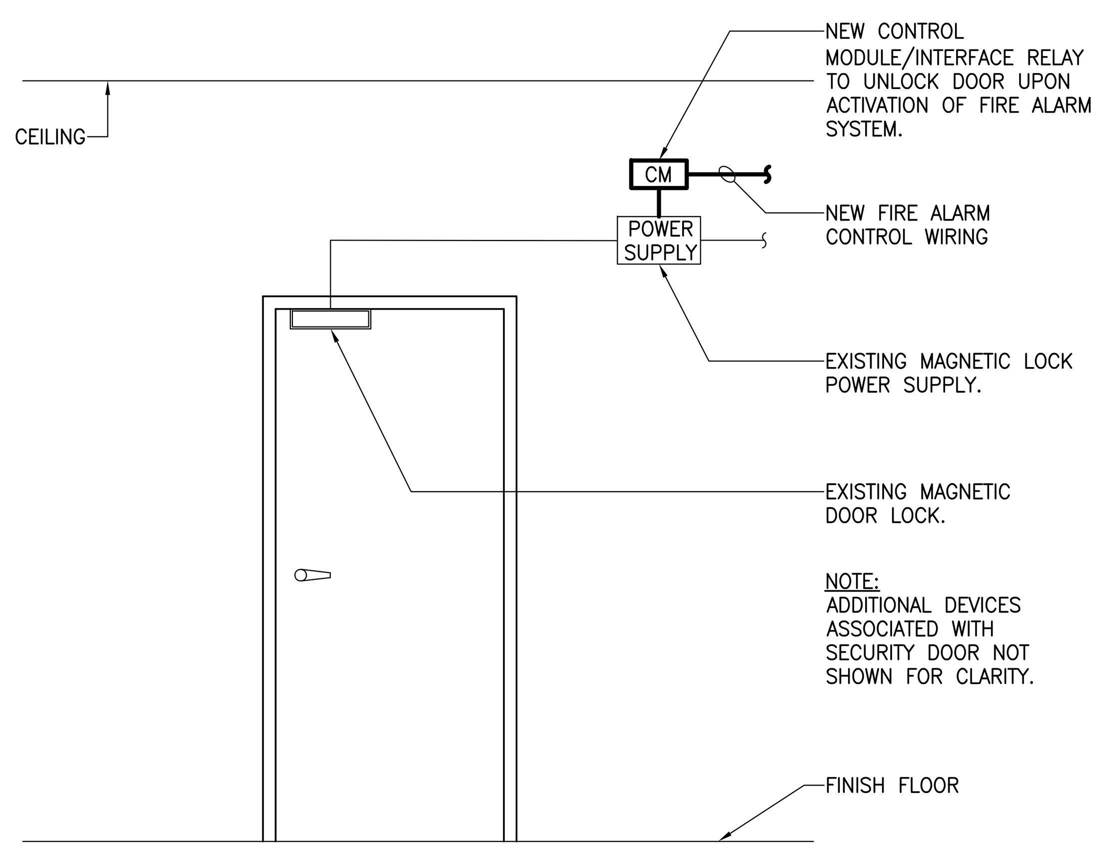
SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:



① TYP. FIRE ALARM DEVICE MOUNTING HEIGHT DETAIL

SCALE: N.T.S.

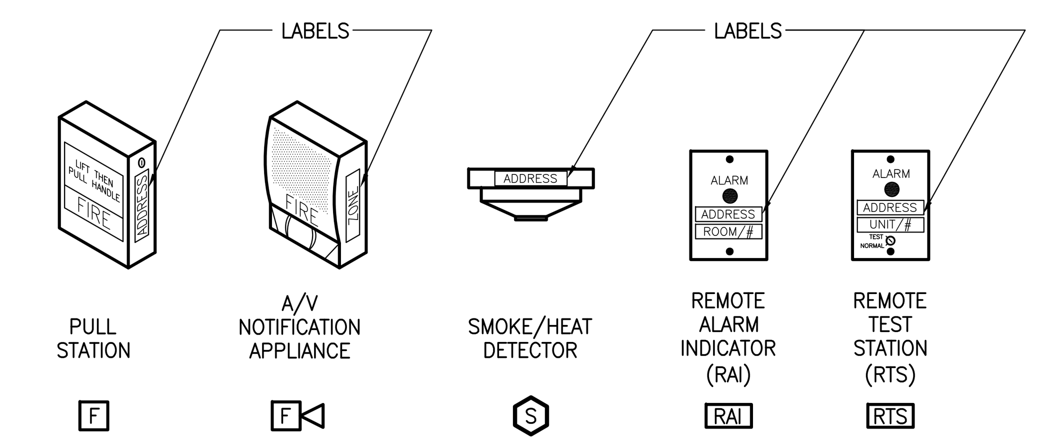


② MAGNETIC DOOR LOCK/ FIRE ALARM INTERFACE DETAIL

SCALE: N.T.S.

NOTES:

1. DEVICE LOCATIONS SHALL BE CHECKED AGAINST EXISTING CONDITIONS PRIOR TO ROUGHING TO AVOID CONFLICTS WITH CASEWORK, EQUIPMENT, FURNITURE, WINDOWS, MIRRORS, ETC.
2. DEVICES SHALL BE CENTERED IN A COMMON VERTICAL PLANE. MOUNTING HEIGHT SHALL BE MEASURED FROM FINISHED FLOOR TO CENTERLINE OF DEVICE EXCEPT FOR AUDIBLE/VIDUAL AND VISUAL–ONLY NOTIFICATION APPLIANCES. COORDINATE LOCATION WITH MATERIALS SUCH AS MASONRY JOINTS.
3. THE ENTIRE LENS OF AN AUDIBLE/VISUAL OR VISUAL–ONLY NOTIFICATION APPLIANCE SHALL BE LOCATED BETWEEN 6'–8" AFF AND 8'–0" AFF OR 6" BELOW CEILING (WHICHEVER IS LOWER). ELEVATION SHALL BE CONSISTENT THROUGHOUT THE PROJECT.
4. SMOKE DETECTORS AND HEAT DETECTORS SHALL BE MOUNTED IN ACCORDANCE WITH NFPA 72. CEILING MOUNTED DETECTORS SHALL BE LOCATED A MINIMUM OF 4" FROM WALL. WALL MOUNTED DETECTORS SHALL BE LOCATED A MINIMUM OF 4" FROM CEILING, BUT NOT MORE THAN 12" FROM CEILING.



③ FIRE ALARM DEVICE LABEL DETAIL

SCALE: N.T.S.

NOTES:

1. PROVIDE A LABEL ON ALL FIRE ALARM DEVICES. USE CLEAR SELF–ADHESIVE VINYL LABELS WITH TEXT IN CONTRASTING COLOR SO AS TO BE EASILY VISIBLE WITHOUT THE USE OF A LADDER.
2. LABEL ALL DEVICES WITH ADDRESS/ZONE INFORMATION AND EQUIPMENT MONITORED, WHERE APPLICABLE (i.e. AHU–1/SUPPLY).

SYSTEM OUTPUTS

- CONTROL UNIT ANNUNCIATION: A–N
- NOTIFICATION: O–AA
- REQUIRED FIRE SAFETY CONTROL: BB–EE
- SUPPLEMENTARY: FF–II

Columns:
A ACTUATE COMMON ALARM SIGNAL INDICATOR; B ACTUATE AUDIBLE ALARM SIGNAL; C ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR; D ACTUATE AUDIBLE SUPERVISORY SIGNAL; E ACTUATE COMMON TROUBLE SIGNAL INDICATOR; F ACTUATE AUDIBLE COMMON TROUBLE SIGNAL; G ACTUATE BASEMENT ALARM INDICATOR; H ACTUATE 1ST FLOOR ALARM INDICATOR; I ACTUATE 1ST FLOOR MEZZ. ALARM INDICATOR; J ACTUATE 2ND FLOOR ALARM INDICATOR; K ACTUATE 2ND FLOOR MEZZ. ALARM INDICATOR; L ACTUATE 3RD FLOOR ALARM INDICATOR; M ACTUATE 4TH FLOOR ALARM INDICATOR; N ACTUATE ROOF/PENTHOUSE ALARM INDICATOR; O ACTUATE BASEMENT EVACUATION SIGNALS; P ACTUATE 1ST FLOOR EVACUATION SIGNALS; Q ACTUATE 1ST FLOOR MEZZ. EVACUATION SIGNALS; R ACTUATE 2ND FLOOR EVACUATION SIGNALS; S ACTUATE 2ND FLOOR MEZZ. EVACUATION SIGNALS; T ACTUATE 3RD FLOOR EVACUATION SIGNALS; U ACTUATE 4TH FLOOR EVACUATION SIGNALS; V ACTUATE ROOF/PENTHOUSE EVACUATION SIGNALS; W DISPLAY/PRINT CHANGE OF STATUS; X TRANSMIT FIRE ALARM SIGNAL TO FIRE DEPT.; Y TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION; Z TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION; AA TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION; BB RELEASE MAGNETICALLY HELD SMOKE DOORS; CC RECALL ELEVATORS TO PRIMARY RECALL FLOOR; DD RECALL ELEVATORS TO ALTERNATIVE RECALL FLOOR; EE UNLOCK EXITS; FF ILLUMINATING RESPECTIVE LAMP/GRAPHIC ANNUNCIATOR; GG SHUTDOWN USPS MECHANIZATION EQUIPMENT; HH SHUTDOWN RESPECTIVE AIR HANDLER; II ACTUATE EXTERIOR STROBE

	SYSTEM INPUTS	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	II	
1	MANUAL PULL STATIONS– BASEMENT	●	●					●								●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	1
2	MANUAL PULL STATIONS– 1ST FLOOR	●	●						●							●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	2
3	MANUAL PULL STATIONS– 1ST FLOOR, MEZZ.	●	●							●						●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	3
4	MANUAL PULL STATIONS– 2ND FLOOR	●	●								●					●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	4
5	MANUAL PULL STATIONS– 2ND FLOOR, MEZZ.	●	●									●				●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	5
6	MANUAL PULL STATIONS– 3RD FLOOR	●	●										●			●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	6
7	MANUAL PULL STATIONS– 4TH FLOOR	●	●											●		●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	7
8	MANUAL PULL STATIONS– ROOF/PENTHOUSES	●	●												●	●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	8
9	SMOKE DETECTORS– BASEMENT	●	●					●								●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	9
10	SMOKE DETECTORS– 1ST FLOOR	●	●						●							●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	10
11	SMOKE DETECTORS– 1ST FLOOR, MEZZ.	●	●							●						●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	11
12	SMOKE DETECTORS– 2ND FLOOR	●	●								●					●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	12
13	SMOKE DETECTORS– 2ND FLOOR, MEZZ.	●	●									●				●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	13
14	SMOKE DETECTORS– 3RD FLOOR	●	●										●			●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	14
15	SMOKE DETECTORS– 4TH FLOOR	●	●											●		●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	15
16	SMOKE DETECTORS– ROOF/PENTHOUSES	●	●												●	●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	16
17	SMOKE DETECTORS– ELEV. LOBBIES	●	●													●	●	●	●	●	●	●	●	●	●	●			●	●		●	●	●		●	17
18	SMOKE DETECTORS– ELEV. MACHINE ROOMS	●	●													●	●	●	●	●	●	●	●	●	●	●			●	●		●	●	●		●	18
19	SMOKE DETECTORS– 1ST FLOOR ELEV. LOBBIES	●	●													●	●	●	●	●	●	●	●	●	●	●			●		●	●	●	●		●	19
20	DUCT SMOKE DETECTORS	●	●													●	●	●	●	●	●	●	●	●	●	●			●			●	●	●	●	●	20
21	COMPUTER PREACTION SYSTEM– 2ND FLOOR	●	●													●	●	●	●	●	●	●	●	●	●	●			●			●	●	●	●	●	21
22	KITCHEN HOOD FIRE SUPP. SYSTEM– 3RD FLOOR	●	●													●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	22
23	WATERFLOW– BASEMENT	●	●					●								●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	23
24	WATERFLOW– 1ST FLOOR	●	●						●							●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	24
25	WATERFLOW– 1ST FLOOR, MEZZ.	●	●							●						●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	25
26	WATERFLOW– 2ND FLOOR	●	●								●					●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	26
27	WATERFLOW– 2ND FLOOR, MEZZ.	●	●									●				●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	27
28	WATERFLOW– 3RD FLOOR	●	●										●			●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	28
29	WATERFLOW– 4TH FLOOR	●	●											●		●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	29
30	WATERFLOW– ROOF/PENTHOUSES	●	●												●	●	●	●	●	●	●	●	●	●	●	●			●			●	●	●		●	30
31	SPRINKLER CONTROL VALVE– BASEMENT			●	●																			●			●							●			31
32	SPRINKLER CONTROL VALVE– 1ST FLOOR			●	●																			●			●							●			32
33	SPRINKLER CONTROL VALVE– 1ST FLOOR, MEZZ.			●	●																			●			●							●			33
34	SPRINKLER CONTROL VALVE– 2ND FLOOR			●	●																			●			●							●			34
35	SPRINKLER CONTROL VALVE– 2ND FLOOR, MEZZ.			●	●																			●			●							●			35
36	SPRINKLER CONTROL VALVE– 3RD FLOOR			●	●																			●			●							●			36
37	SPRINKLER CONTROL VALVE– 4TH FLOOR			●	●																			●			●							●			37
38	SPRINKLER CONTROL VALVE– ROOF/PENTHOUSES			●	●																			●			●							●			38
39	FIRE PUMP RUNNING	●	●																					●	●	●						●	●			●	39
40	FIRE PUMP POWER FAILURE/PHASE REVERSAL			●	●																			●			●						●				40
41	FIRE ALARM SYSTEM AC POWER FAILURE					●	●																					●									41
42	FIRE ALARM SYSTEM LOW BATTERY					●	●																					●									42
43	OPEN CIRCUIT					●	●																					●									43
44	GROUND FAULT					●	●																					●									44
45	NOTIFICATION APPLIANCE CIRCUIT SHORT					●	●																					●									45
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	II	

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UNITED STATES POSTAL SERVICE

UPGRADE FIRE ALARM SYSTEM
P&DC
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BOSTON, MA 02205

Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006–0300

E0.02 FIRE ALARM DETAILS

SCALE: AS NOTED DATE: 03–08–17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:

1 FIRE ALARM PLAN
SPAA - BASEMENT - GARAGE
SCALE: 1/16"=1'-0"

BASEMENT KEY PLAN
SCALE: NOT TO SCALE

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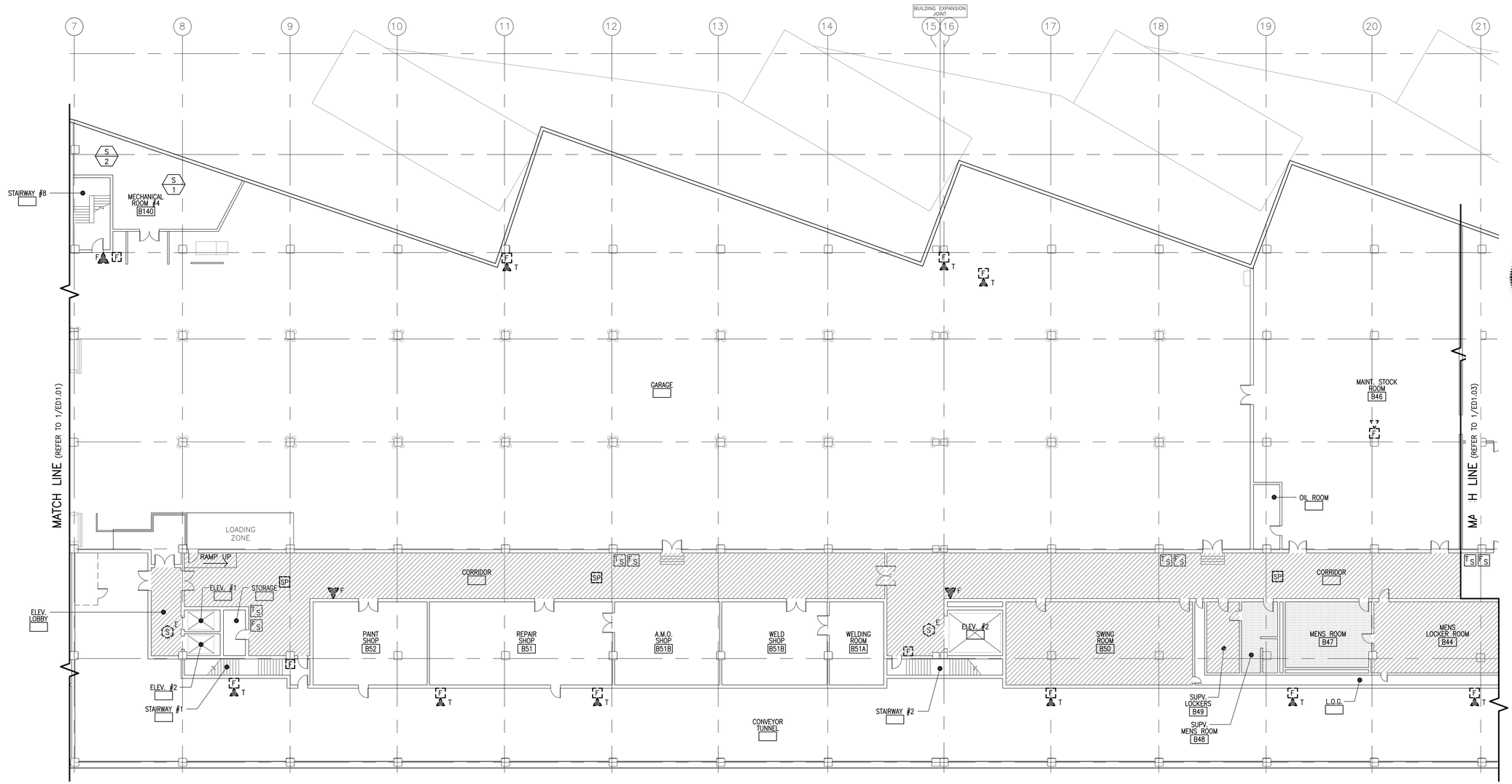
ED1.01 FIRE ALARM REMOVAL PLAN
SPAA - BASEMENT - GARAGE

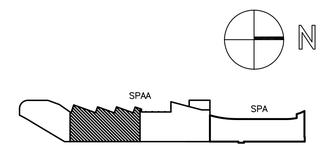
SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:



FIRE ALARM PLAN
SPAA - BASEMENT - A

1 SCALE: 1/16"=1'-0"



BASEMENT KEY PLAN
SCALE: NOT TO SCALE

ED1.02 FIRE ALARM REMOVAL PLAN
SPAA - BASEMENT - A

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
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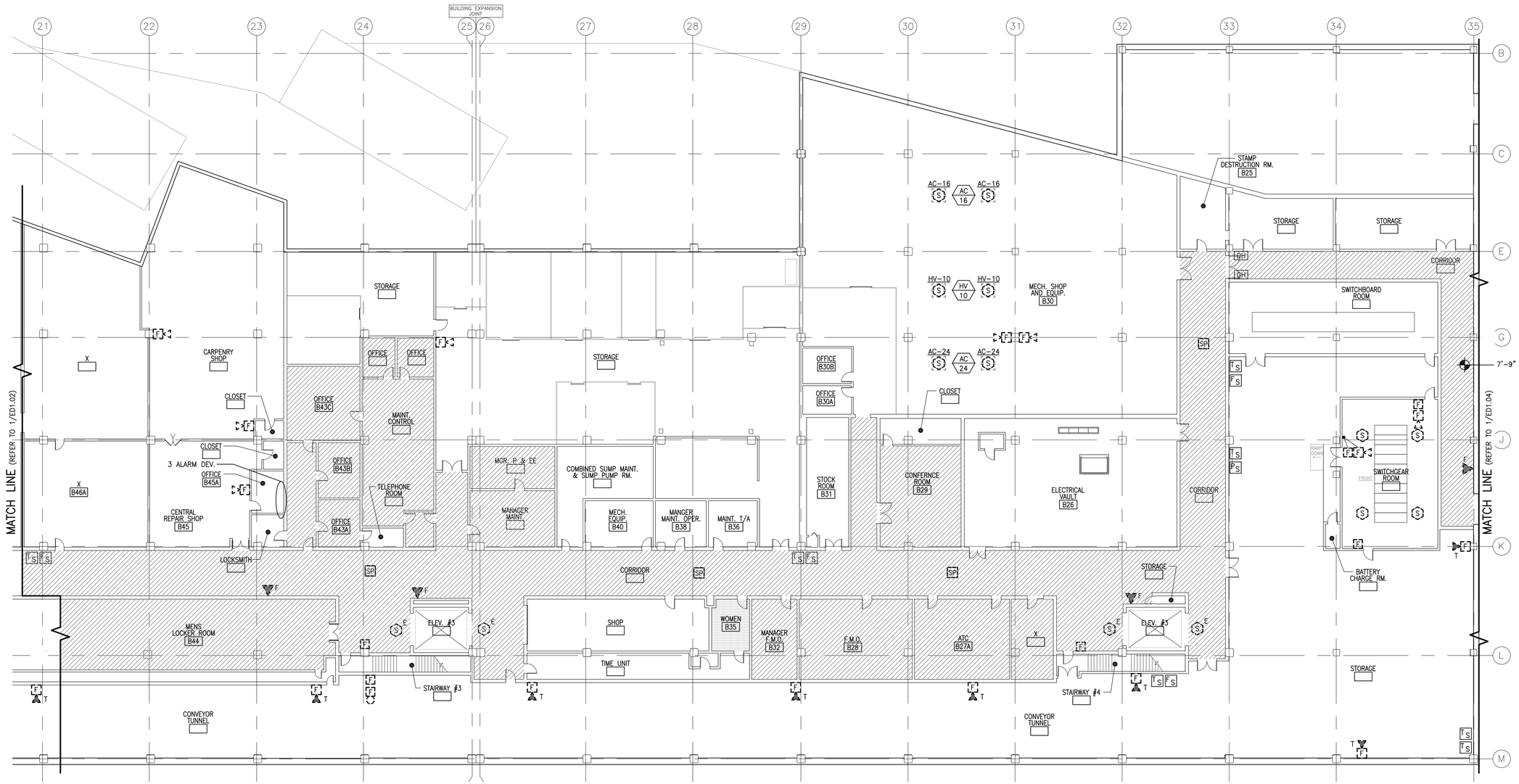
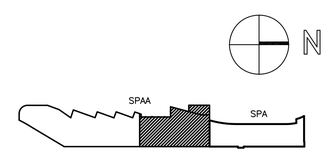


FIRE ALARM PLAN
SPAA - BASEMENT - B

1 SCALE: 1/16"=1'-0"



BASEMENT KEY PLAN
SCALE: NOT TO SCALE

N

ED1.03 FIRE ALARM REMOVAL PLAN
SPAA - BASEMENT - B

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USPS PROJECT NO.: B19159

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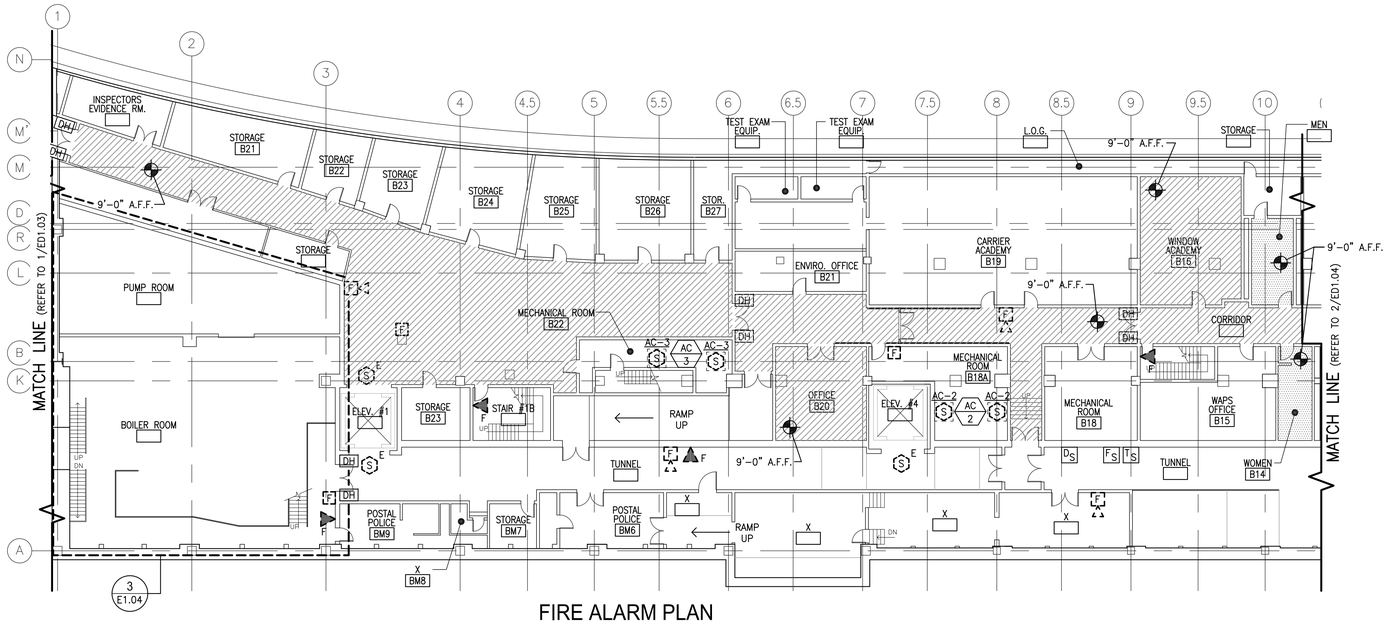
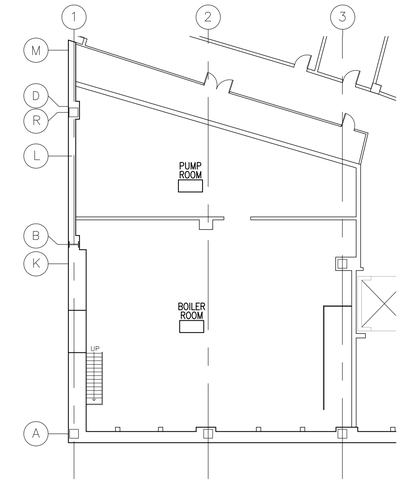


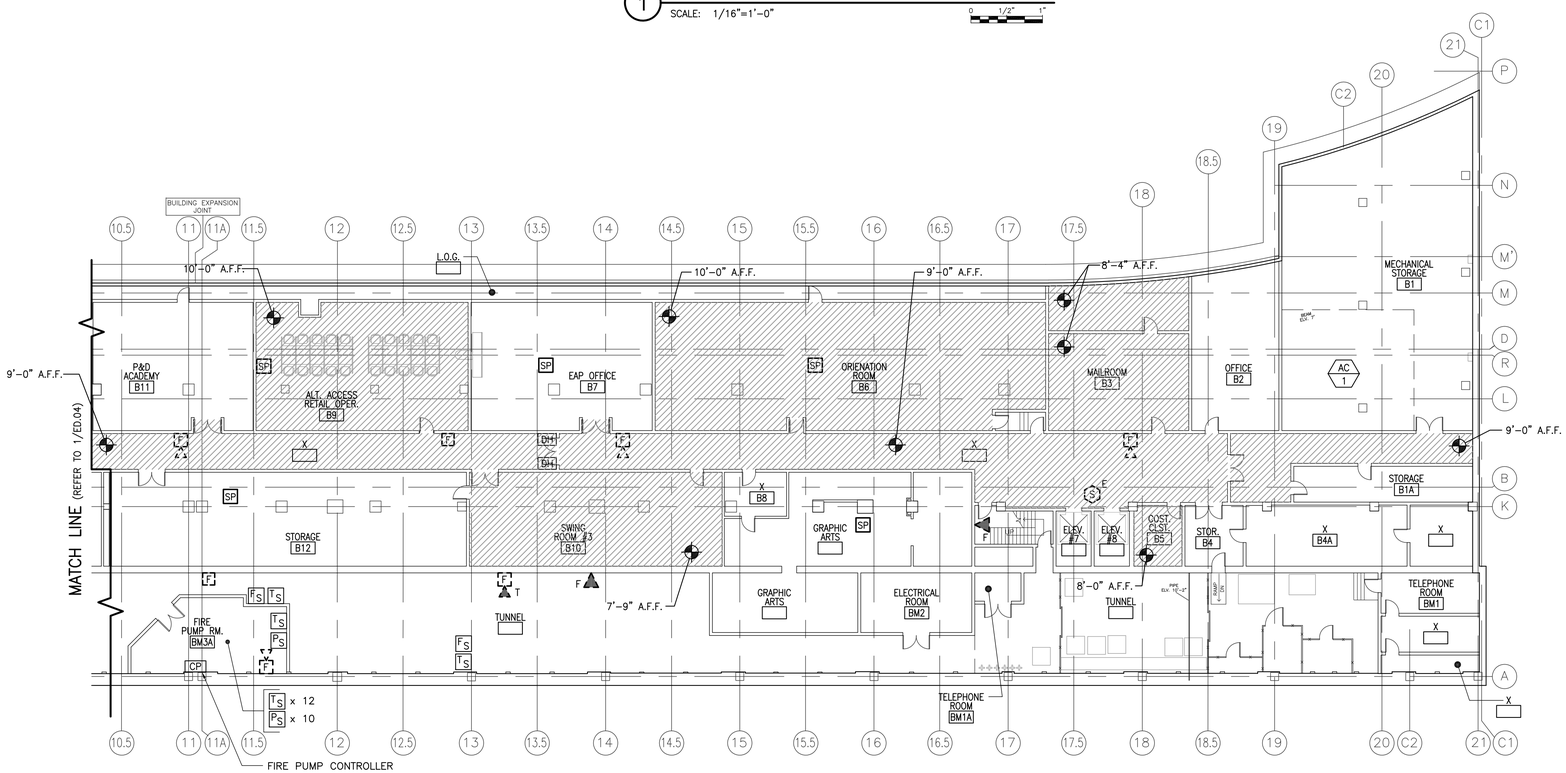
FIRE ALARM PLAN
SPA - BASEMENT - C

1 SCALE: 1/16"=1'-0"



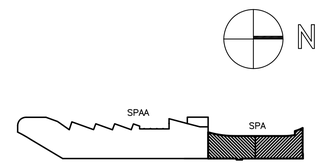
BOILER ROOM
LOWER LEVEL PART PLAN

3 SCALE: 1/16"=1'-0"



FIRE ALARM PLAN
SPA - BASEMENT - D

2 SCALE: 1/16"=1'-0"



BASEMENT KEY PLAN
SCALE: NOT TO SCALE

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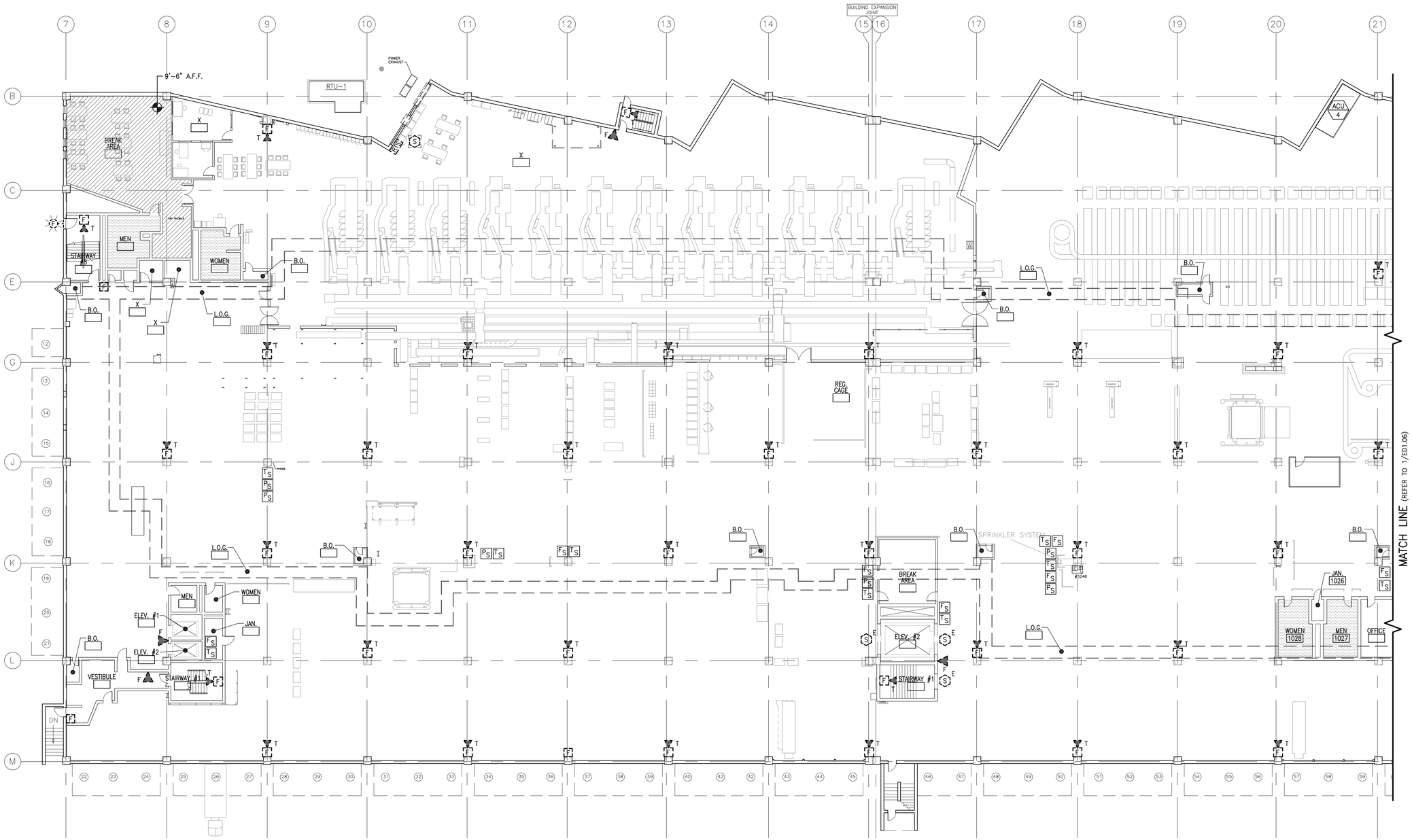
ED1.04 FIRE ALARM REMOVAL PLAN
SPA - BASEMENT - C / D

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

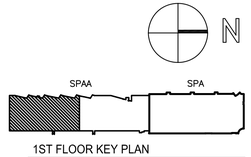
REVISIONS: DATE:



FIRE ALARM PLAN
SPAA - 1ST FLOOR - A

1 SCALE: 1/16"=1'-0"

0 1/2" 1"



1ST FLOOR KEY PLAN
SCALE: NOT TO SCALE

ED1.05 FIRE ALARM REMOVAL PLAN SPAA - 1ST FLOOR - A

SCALE: **AS NOTED** DATE: **03-08-17** REVISIONS: DATE:

A/E PROJECT NO.: **13038.00**

USPS PROJECT NO.: **B19159**

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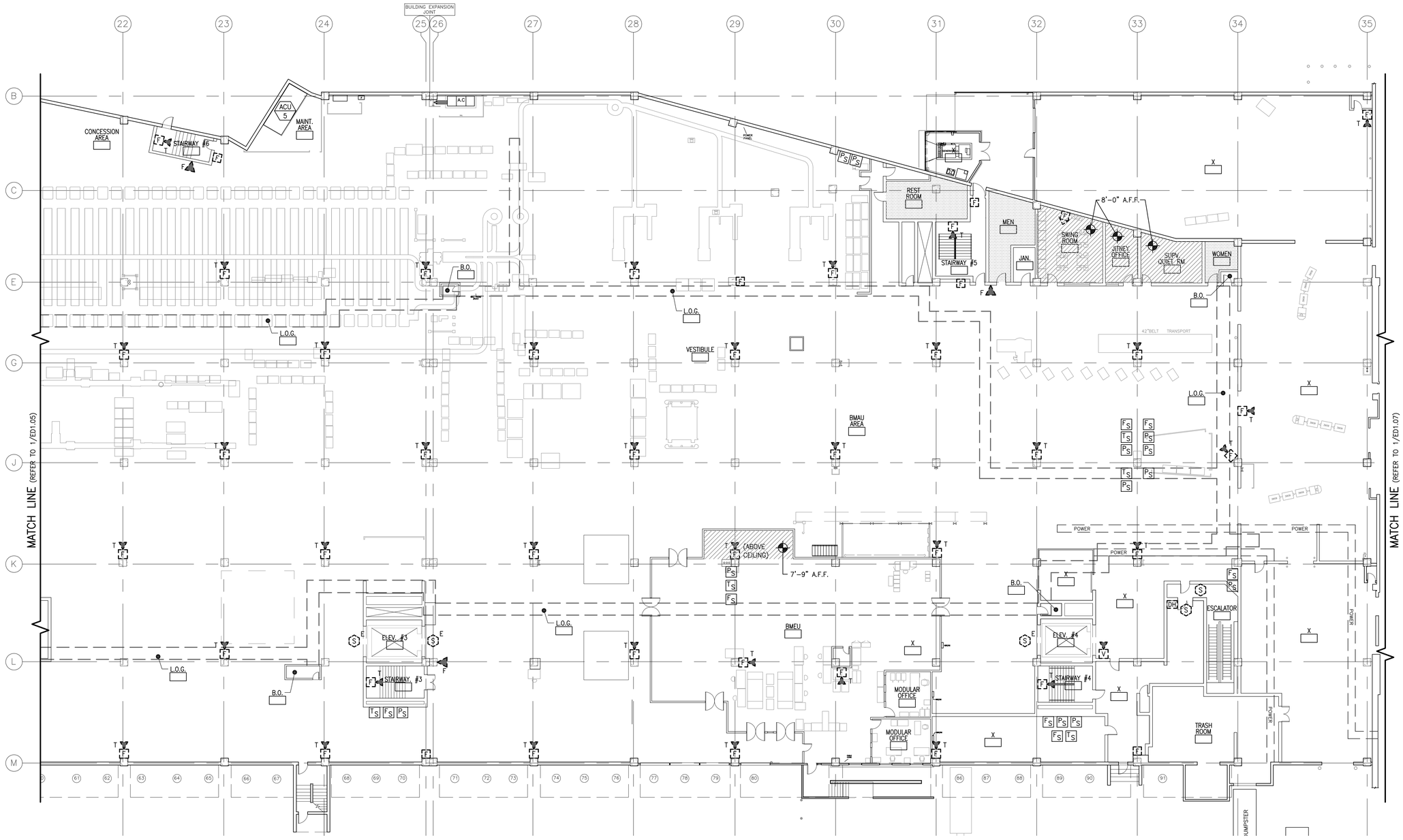
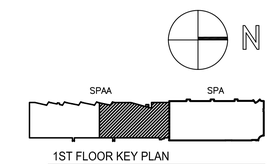


1 FIRE ALARM PLAN
SPAA - 1ST FLOOR - B
SCALE: 1/16"=1'-0"



1ST FLOOR KEY PLAN
SCALE: NOT TO SCALE

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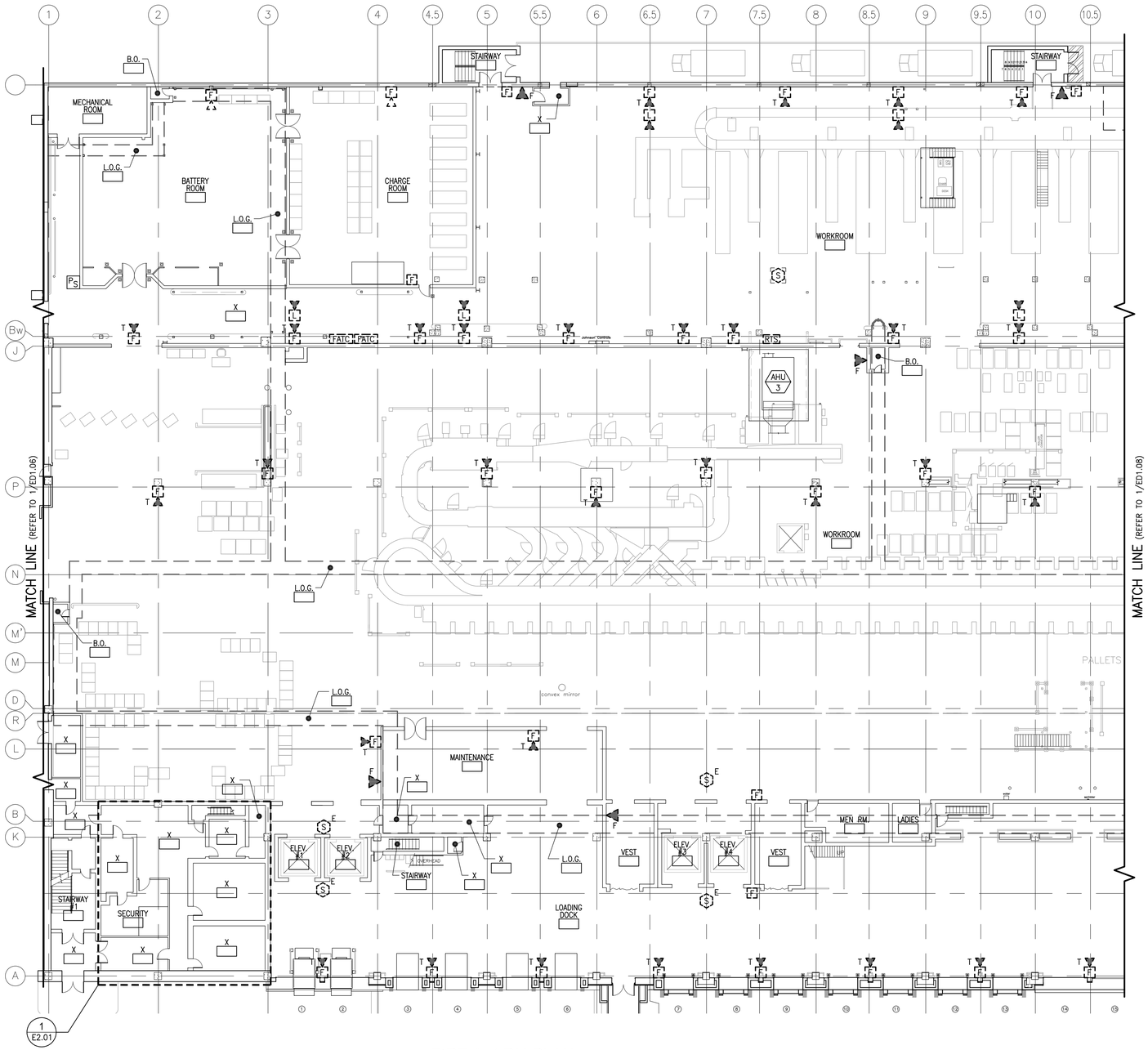
ED1.06 FIRE ALARM REMOVAL PLAN
SPAA - 1ST FLOOR - B

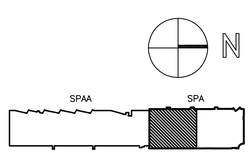
SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:



FIRE ALARM PLAN
SPA - 1ST FLOOR - C

1 SCALE: 1/16"=1'-0"



1ST FLOOR KEY PLAN

SCALE: NOT TO SCALE

ED1.07 FIRE ALARM REMOVAL PLAN
SPA - 1ST FLOOR - C

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

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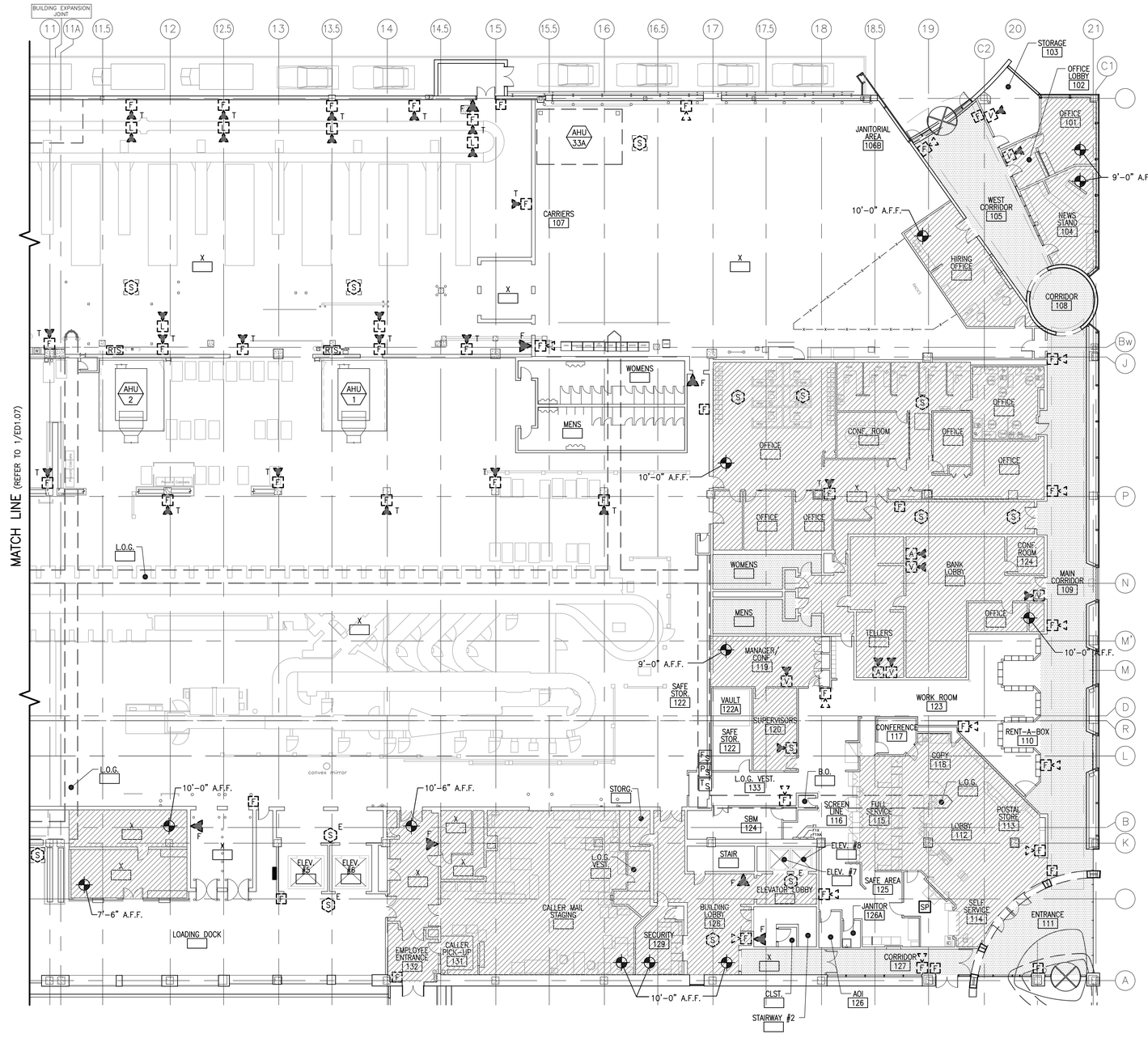
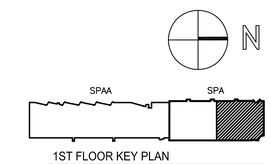


FIRE ALARM PLAN
SPA - 1ST FLOOR - D

1 SCALE: 1/16"=1'-0"



1ST FLOOR KEY PLAN
SCALE: NOT TO SCALE

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UNITED STATES POSTAL SERVICE

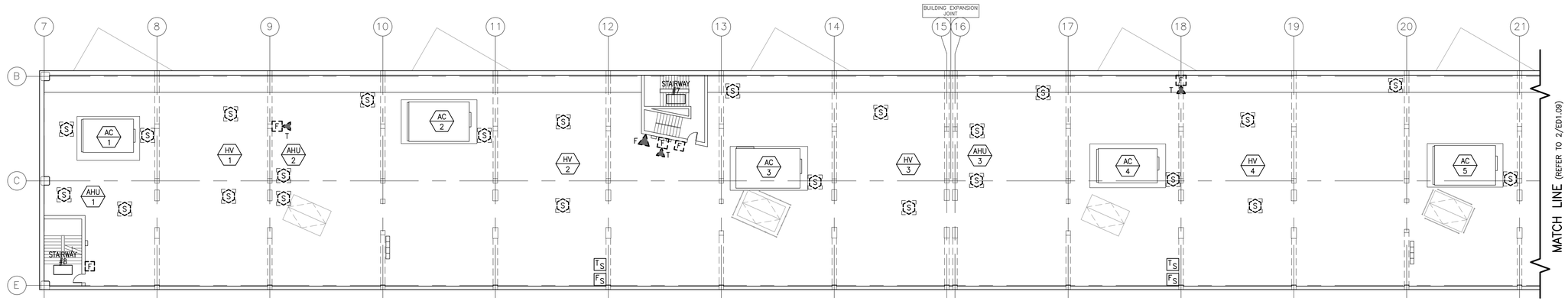
UPGRADE FIRE ALARM SYSTEM
P&DC
25 DORCHESTER AVENUE
BOSTON, MA 02205

Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

ED1.08 FIRE ALARM REMOVAL PLAN
SPA - 1ST FLOOR - D

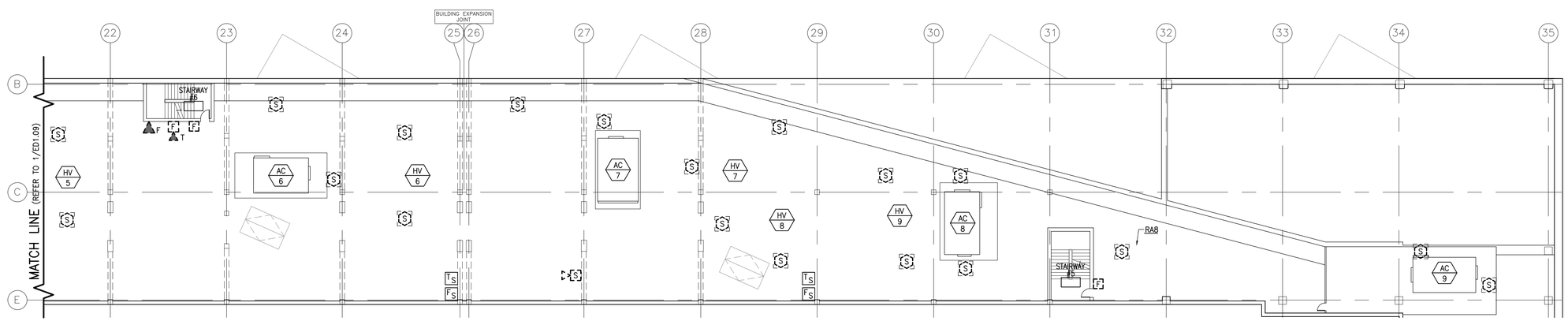
SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS:
DATE:



FIRE ALARM PLAN - SPAA
1ST FLOOR WEST MEZZANINE - A

1 SCALE: 1/16"=1'-0"

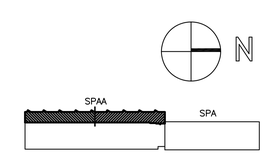


FIRE ALARM PLAN - SPAA
1ST FLOOR WEST MEZZANINE - B

2 SCALE: 1/16"=1'-0"

WEST MEZZANINE REMOVAL NOTE:

EXISTING PLASTER VENEER LOCATED ON COLUMNS AND CROSS-BRACES HAS BEEN IDENTIFIED AS CONTAINING ASBESTOS. DISCONNECT EXISTING DEVICES AND WIRING ONLY. EXISTING RACEWAYS AND BOXES SHALL REMAIN IN PLACE WITHOUT DISTURBING EXISTING PLASTER SURFACES.



1ST FLOOR MECHANICAL MEZZANINE (WEST SIDE) KEY PLAN

SCALE: NOT TO SCALE

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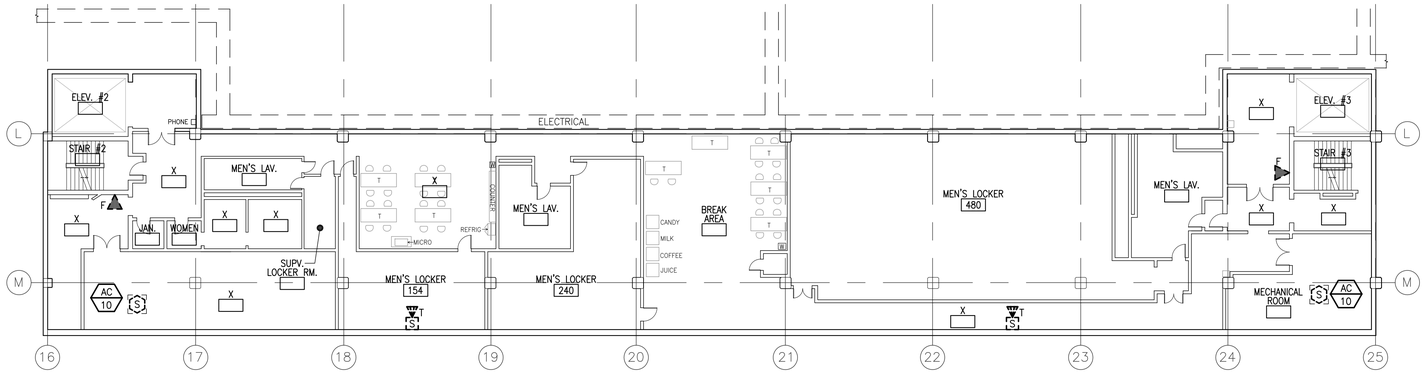
ED1.09 FIRE ALARM REMOVAL PLAN
SPAA - 1ST FLOOR WEST MEZZANINE - A / B

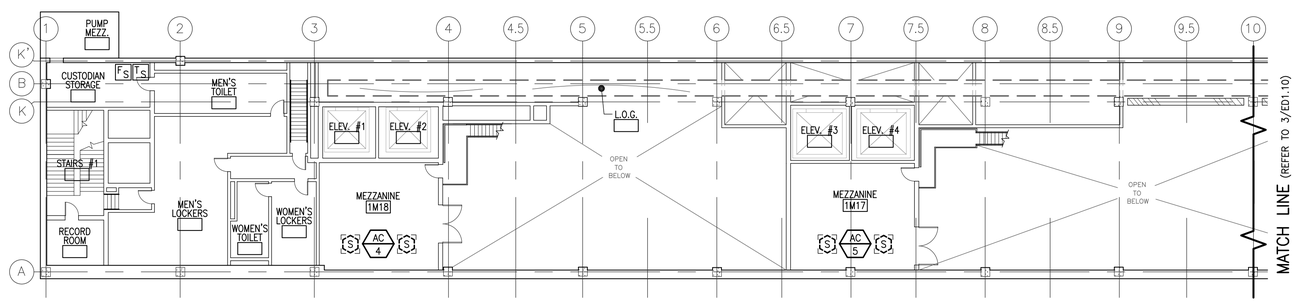
SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:



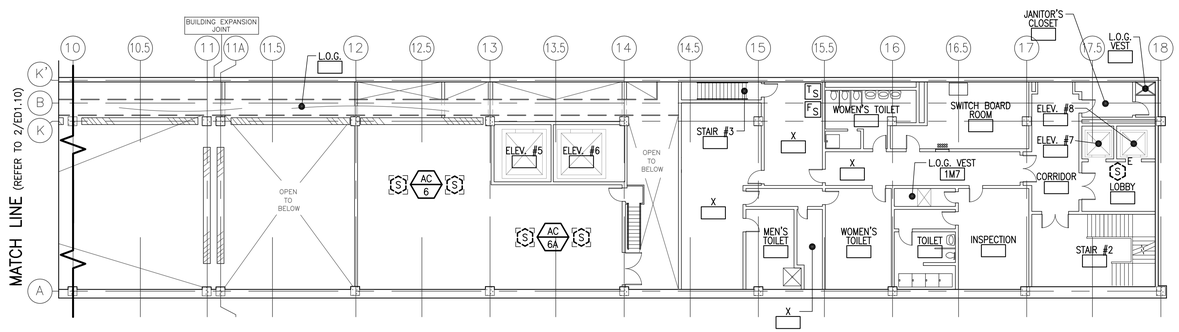
FIRE ALARM PLAN
SPAA - 1ST FLOOR MEZZANINE - A/B

1 SCALE: 1/16"=1'-0"



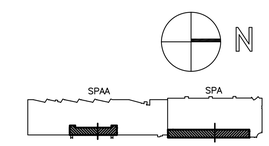
FIRE ALARM PLAN
SPA - 1ST FLOOR MEZZANINE - C

2 SCALE: 1/16"=1'-0"



FIRE ALARM PLAN
SPA - 1ST FLOOR MEZZANINE - D

3 SCALE: 1/16"=1'-0"



1ST FLOOR MEZZANINE KEY PLAN
SCALE: NOT TO SCALE

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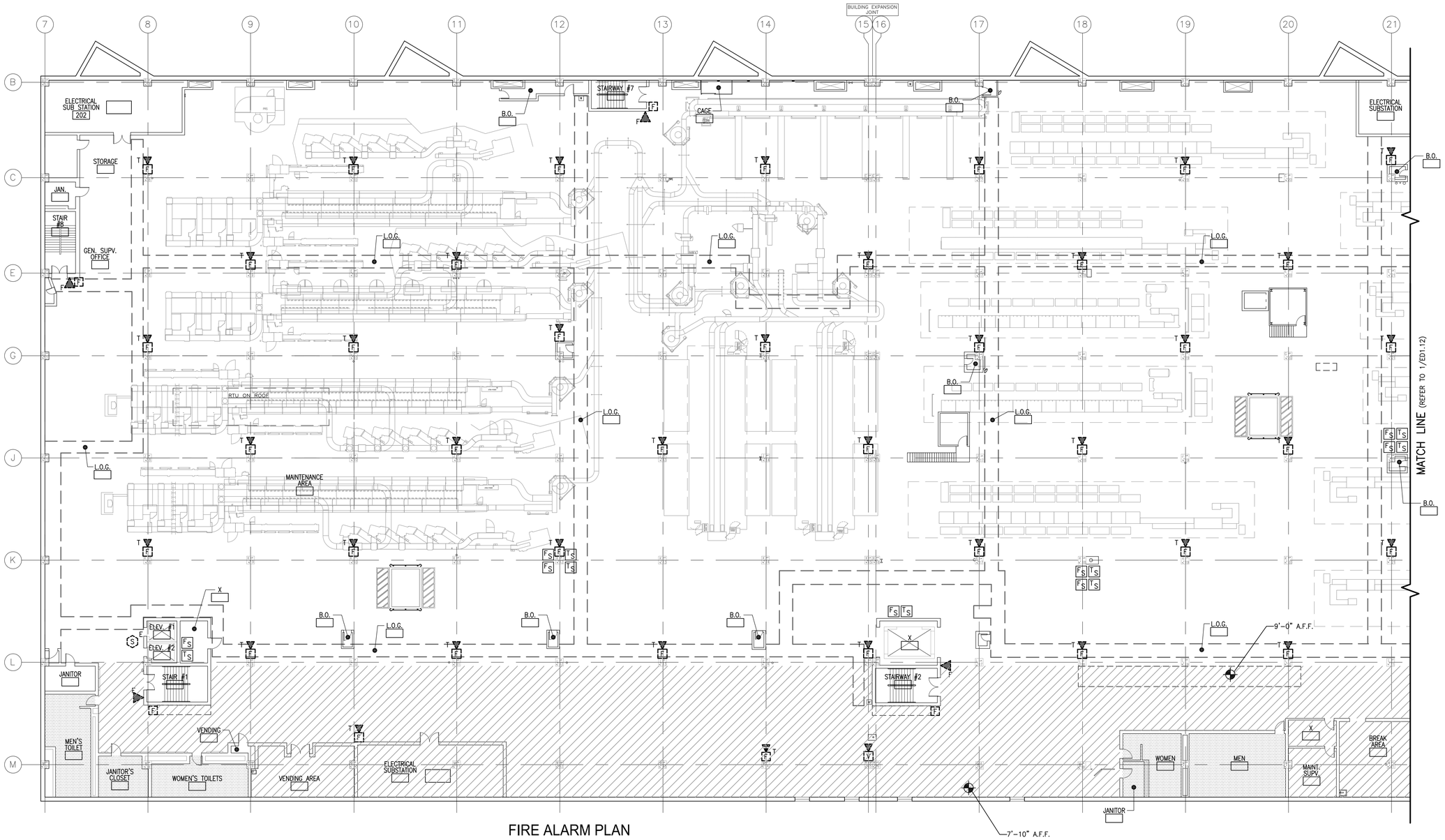
ED1.10 FIRE ALARM REMOVAL PLANS - SPAA & SPA
1ST FLOOR MEZZANINE - A/B & C/D

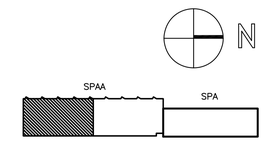
SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:



1 FIRE ALARM PLAN
SPAA - 2ND FLOOR - A

SCALE: 1/16"=1'-0"



2ND FLOOR KEY PLAN

SCALE: NOT TO SCALE

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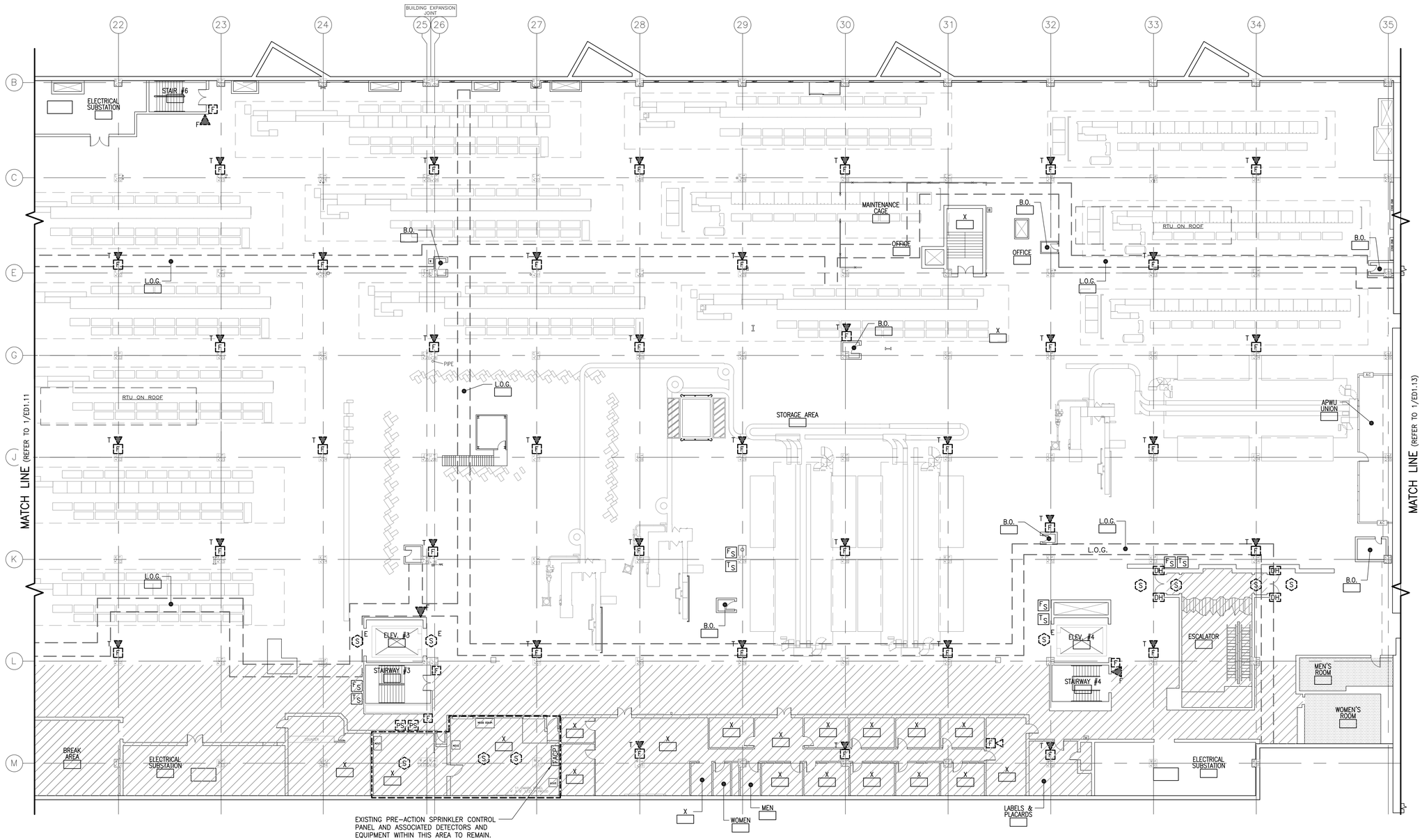
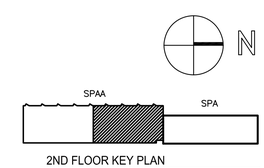
ED1.11 FIRE ALARM REMOVAL PLAN
SPAA - 2ND FLOOR - A

SCALE: AS NOTED DATE: 03-08-17 REVISIONS: DATE:
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



FIRE ALARM PLAN
SPAA - 2ND FLOOR - B

1 SCALE: 1/16"=1'-0"



2ND FLOOR KEY PLAN
SCALE: NOT TO SCALE

ED1.12 FIRE ALARM REMOVAL PLAN SPAA - 2ND FLOOR - B

SCALE: AS NOTED DATE: 03-08-17 REVISIONS: DATE:
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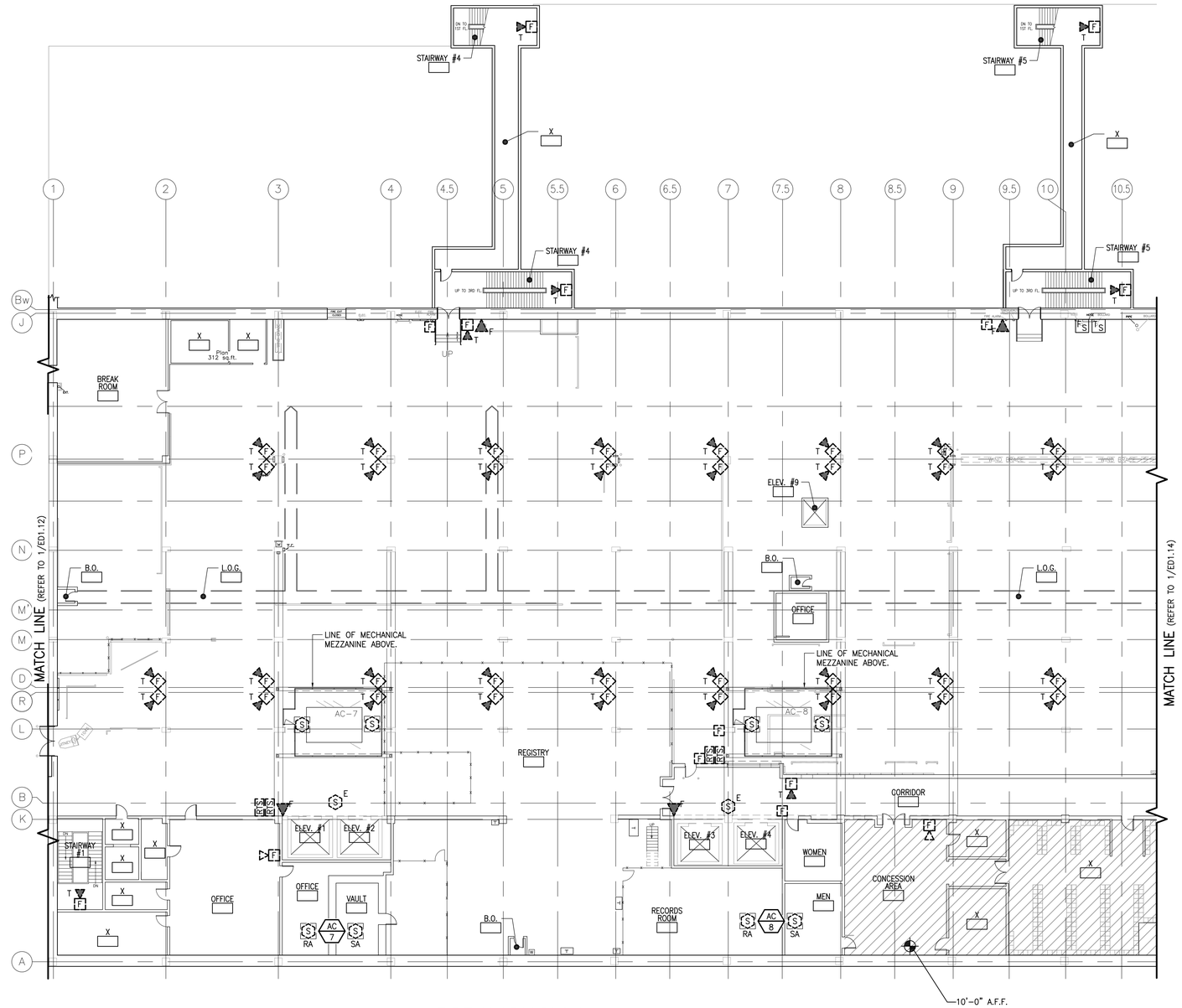
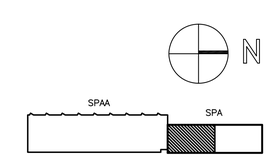


FIRE ALARM PLAN
SPA - 2ND FLOOR - C

1

SCALE: 1/16"=1'-0"



2ND FLOOR KEY PLAN

SCALE: NOT TO SCALE

ED1.13 FIRE ALARM REMOVAL PLAN
SPA - 2ND FLOOR - C

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159
REVISIONS:
DATE:

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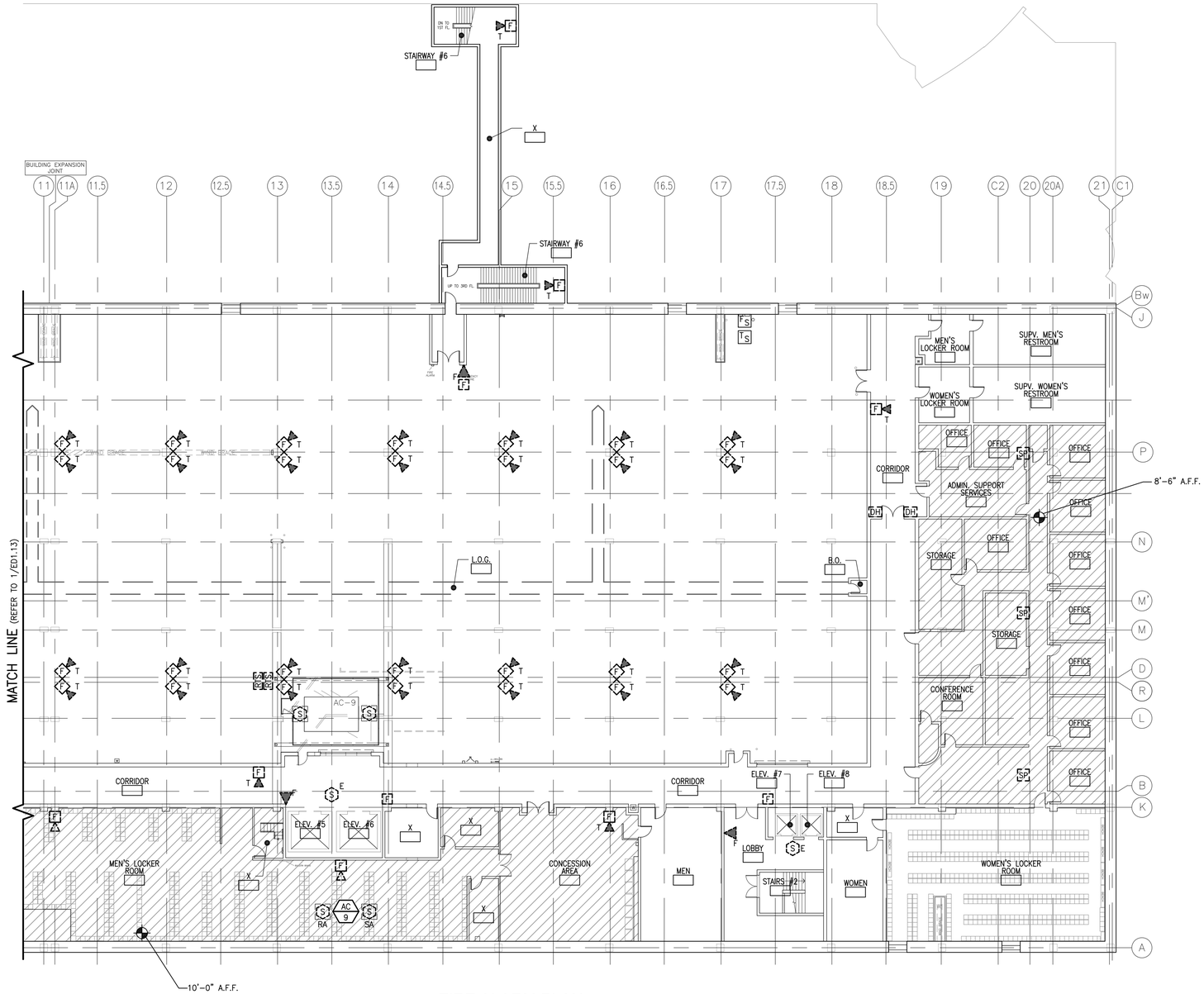
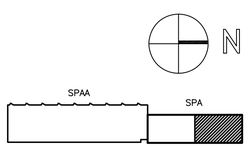


FIRE ALARM PLAN
SPA - 2ND FLOOR - D

1

SCALE: 1/16"=1'-0"

0 1/2" 1"



2ND FLOOR KEY PLAN

SCALE: NOT TO SCALE

ED1.14 FIRE ALARM REMOVAL PLAN SPA - 2ND FLOOR - D

SCALE: **AS NOTED** DATE: **03-08-17** REVISIONS: DATE:

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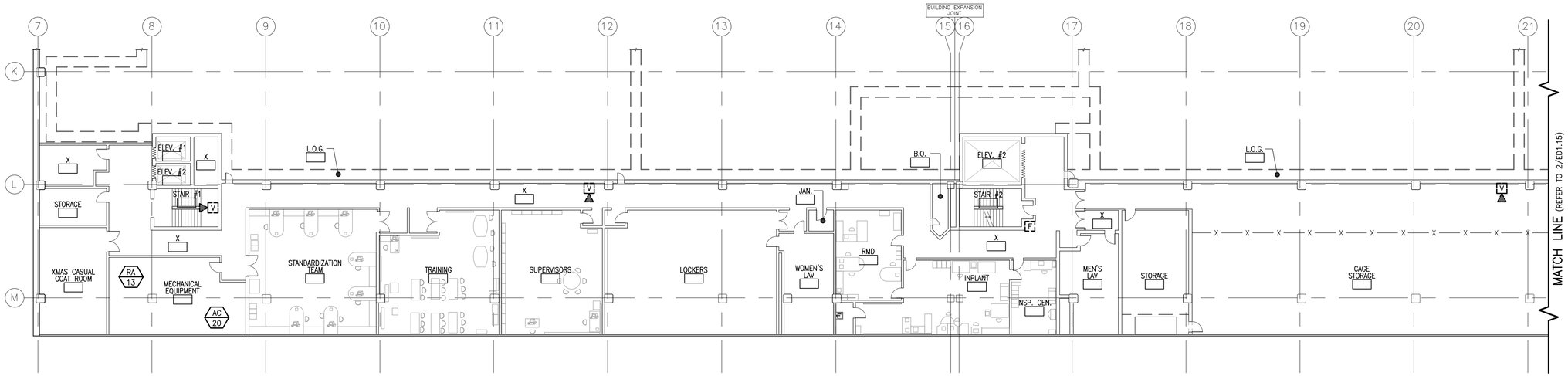
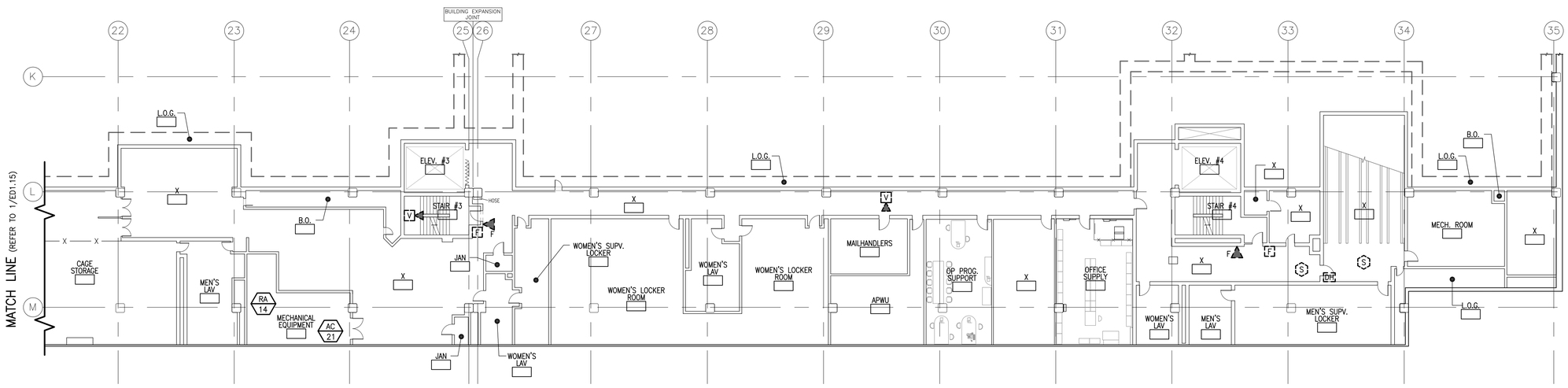


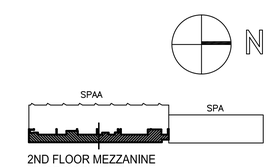
FIRE ALARM PLAN - SPAA
2ND FLOOR EAST MEZZANINE - A

1 SCALE: 1/16"=1'-0"



FIRE ALARM PLAN - SPAA
2ND FLOOR EAST MEZZANINE - B

2 SCALE: 1/16"=1'-0"



2ND FLOOR MEZZANINE
(EAST SIDE) KEY PLAN

SCALE: NOT TO SCALE

N

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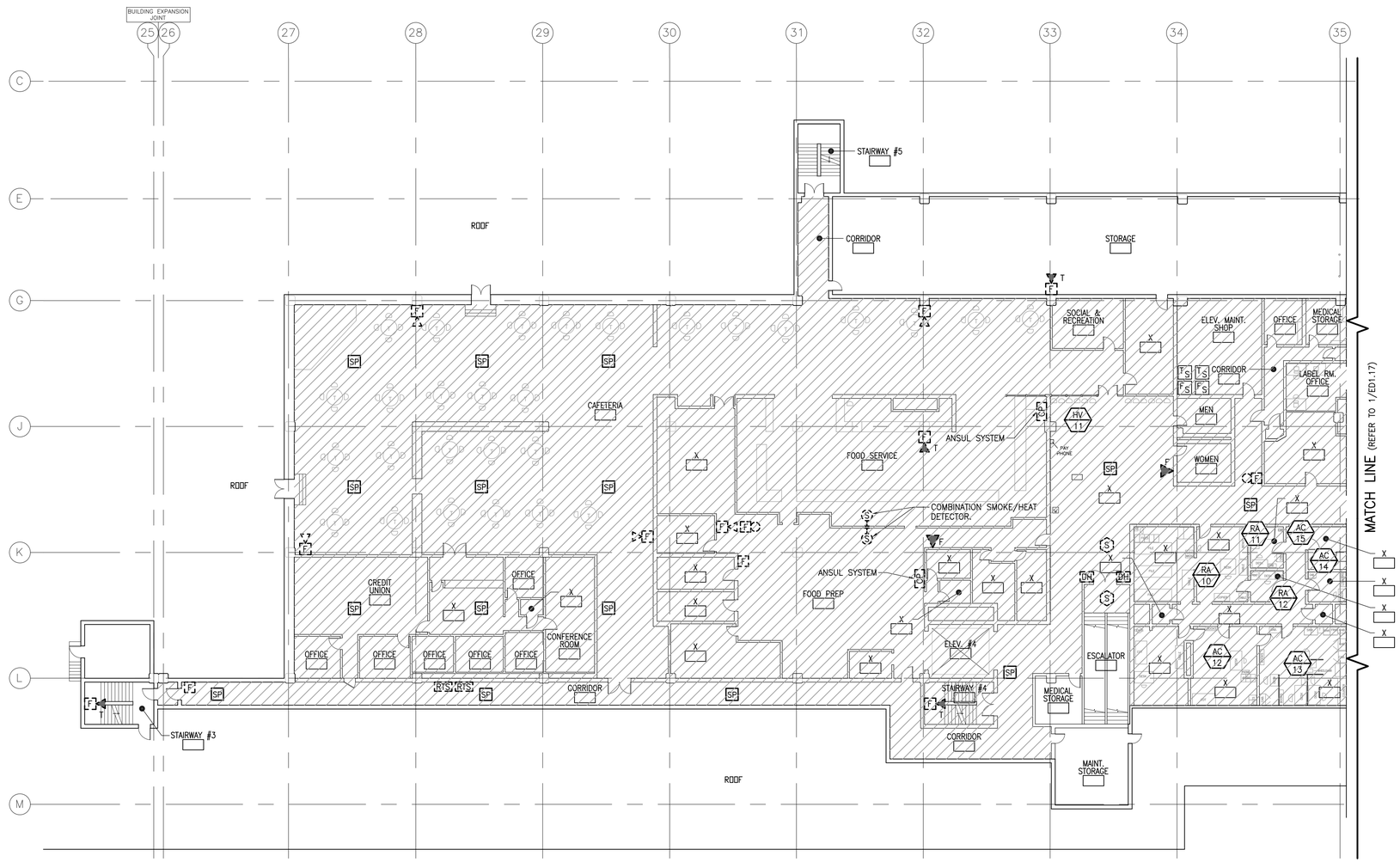
ED1.15 FIRE ALARM REMOVAL PLAN
SPAA - 2ND FLOOR EAST MEZZANINE - A / B

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

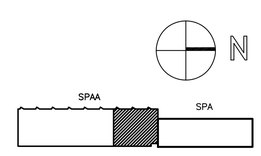
REVISIONS: DATE:



FIRE ALARM PLAN
SPAA - 3RD FLOOR - B

1

SCALE: 1/16"=1'-0"



3RD FLOOR KEY PLAN

SCALE: NOT TO SCALE

ED1.16

FIRE ALARM REMOVAL PLAN
SPAA - 3RD FLOOR - B

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:

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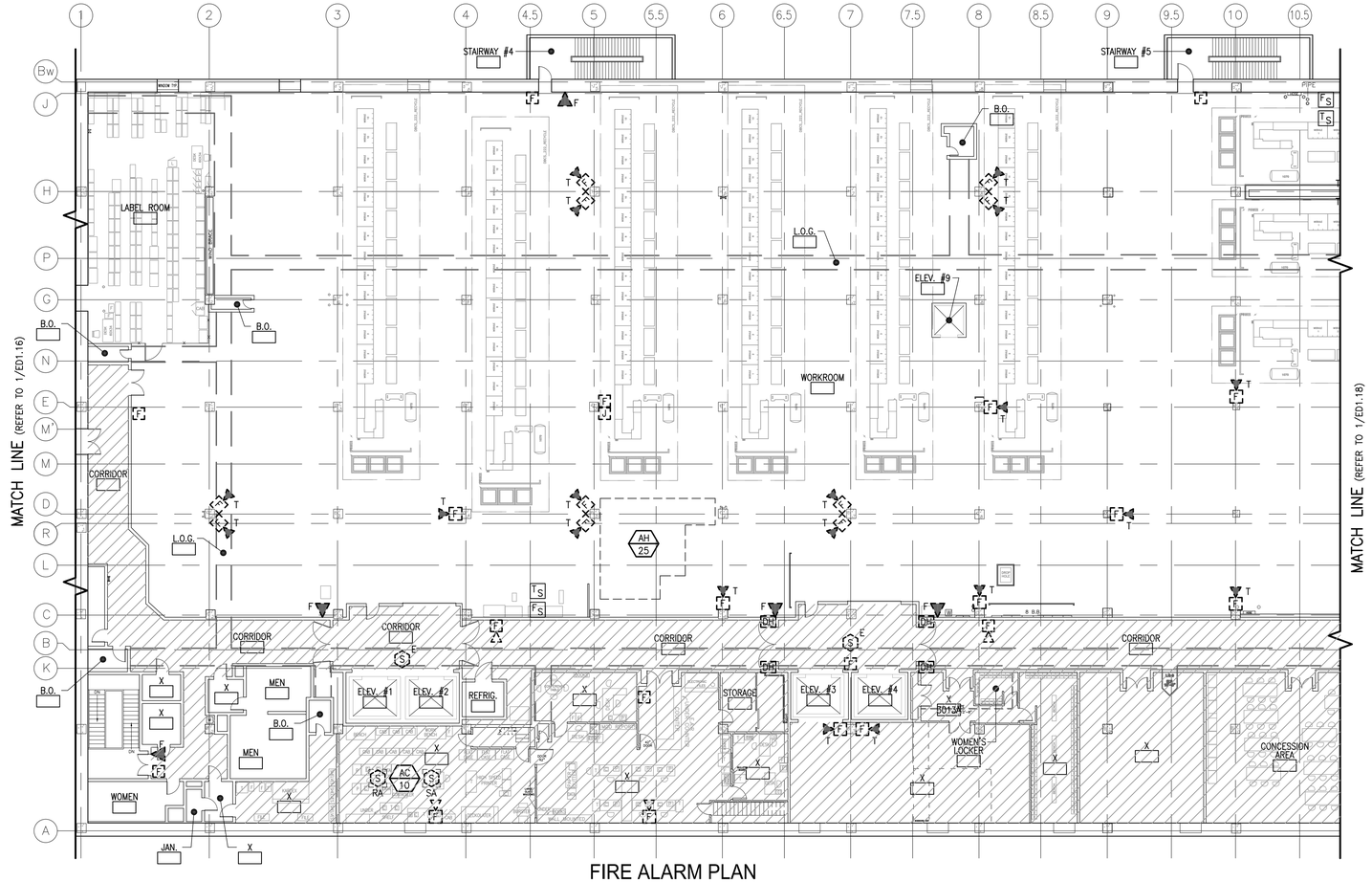
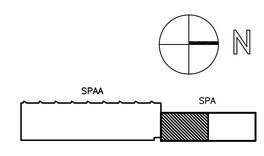


FIRE ALARM PLAN
SPA - 3RD FLOOR - C

1 SCALE: 1/16"=1'-0"



3RD FLOOR KEY PLAN
SCALE: NOT TO SCALE

ED1.17 FIRE ALARM REMOVAL PLAN
SPA - 3RD FLOOR - C

SCALE: **AS NOTED** DATE: **03-08-17** REVISIONS: DATE:

A/E PROJECT NO.: **13038.00**

USPS PROJECT NO.: **B19159**

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FIRE ALARM PLAN
SPA - 3RD FLOOR - D

1 SCALE: 1/16"=1'-0"

3RD FLOOR KEY PLAN
SCALE: NOT TO SCALE

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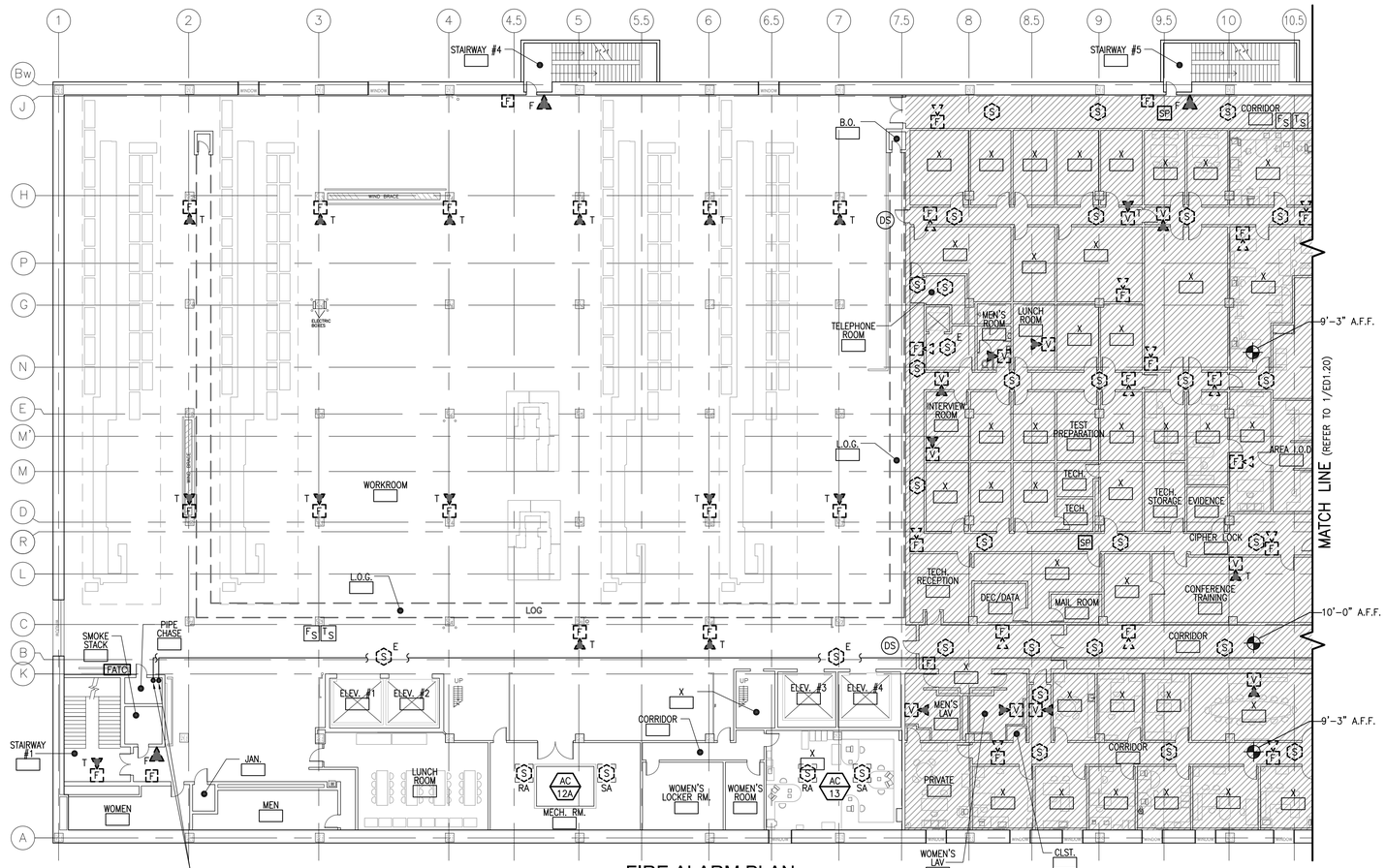
ED1.18 FIRE ALARM REMOVAL PLAN
SPA - 3RD FLOOR - D

SCALE: AS NOTED DATE: 03-08-17 REVISIONS: DATE:
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

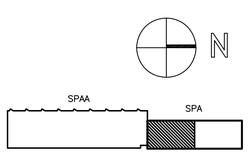


FIRE ALARM PLAN
SPA - 4TH FLOOR - C

1

SCALE: 1/16"=1'-0"

0 1/2" 1"



4TH FLOOR KEY PLAN

SCALE: NOT TO SCALE

ED1.19 FIRE ALARM REMOVAL PLAN
SPA - 4TH FLOOR - C

SCALE: **AS NOTED** DATE: **03-08-17**

A/E PROJECT NO.: **13038.00**

USPS PROJECT NO.: **B19159**

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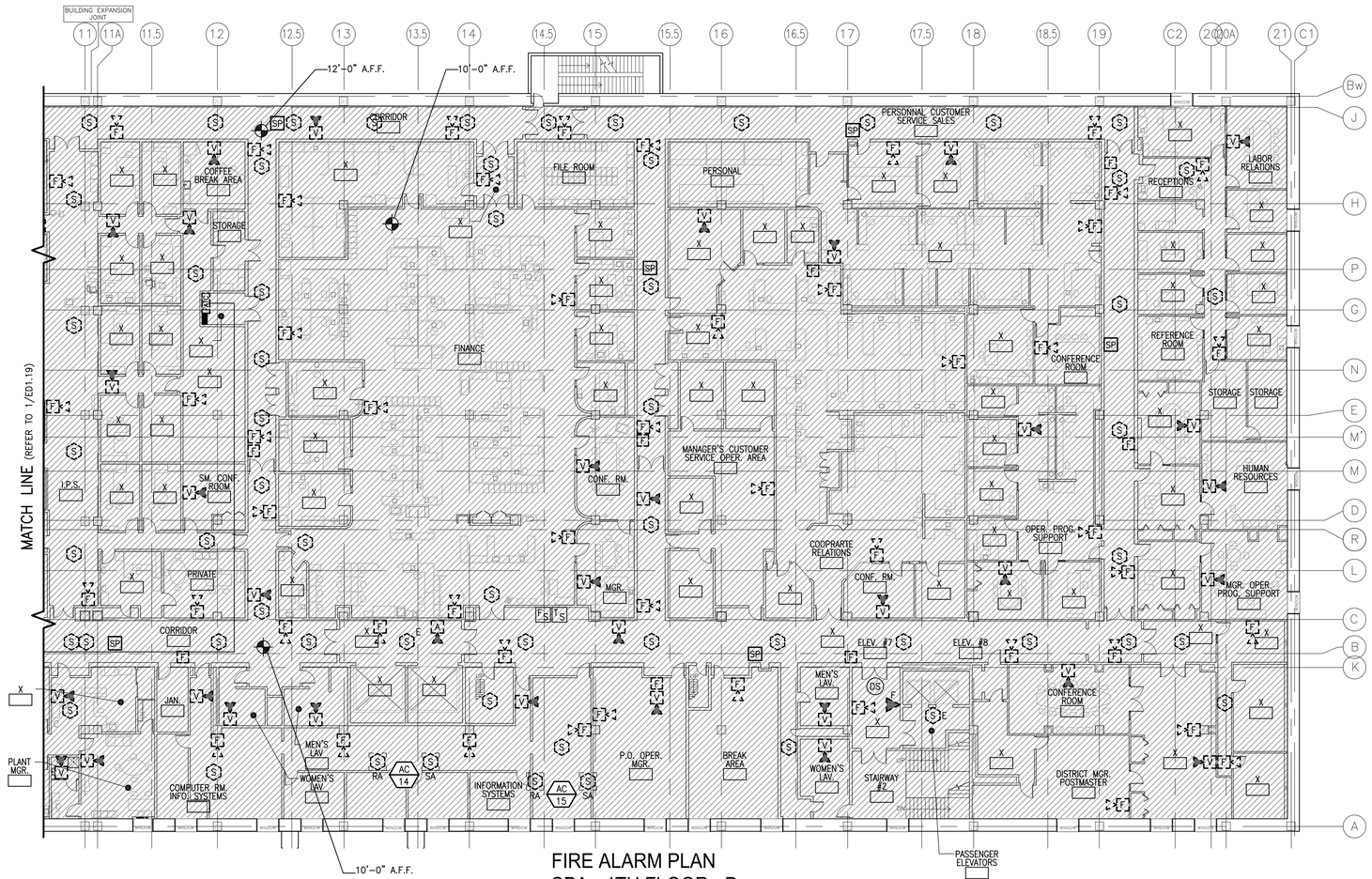
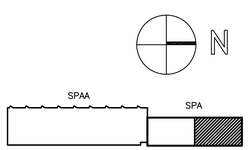


FIRE ALARM PLAN
SPA - 4TH FLOOR - D

1 SCALE: 1/16"=1'-0"

0 1/2" 1"



4TH FLOOR KEY PLAN

SCALE: NOT TO SCALE

ED1.20 FIRE ALARM REMOVAL PLAN
SPA - 4TH FLOOR - D

SCALE: **AS NOTED** DATE: **03-08-17** REVISIONS: DATE:

A/E PROJECT NO.: **13038.00**

USPS PROJECT NO.: **B19159**

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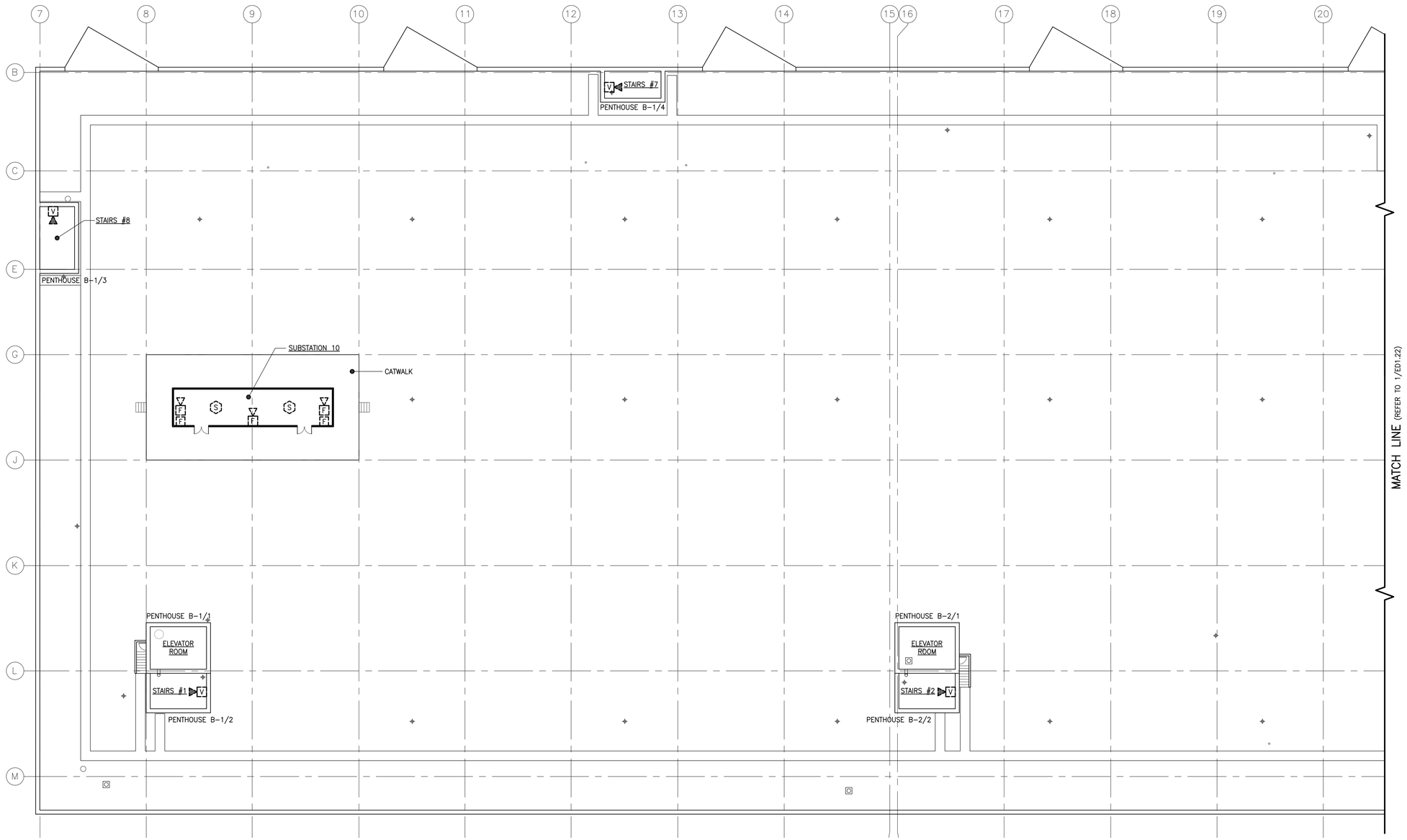
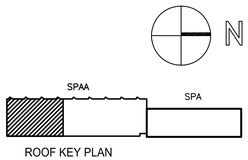


FIRE ALARM PLAN
SPAA - ROOF - A

1

SCALE: 1/16"=1'-0"

0 1/2" 1"



ROOF KEY PLAN

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COMMONWEALTH OF MASSACHUSETTS
BRIAN M. MORLEY
ELECTRICAL
No. 35275
REGISTERED PROFESSIONAL ENGINEER

UPGRADE FIRE ALARM SYSTEM
P&DC
25 DORCHESTER AVENUE
BOSTON, MA 02205

UNITED STATES POSTAL SERVICE

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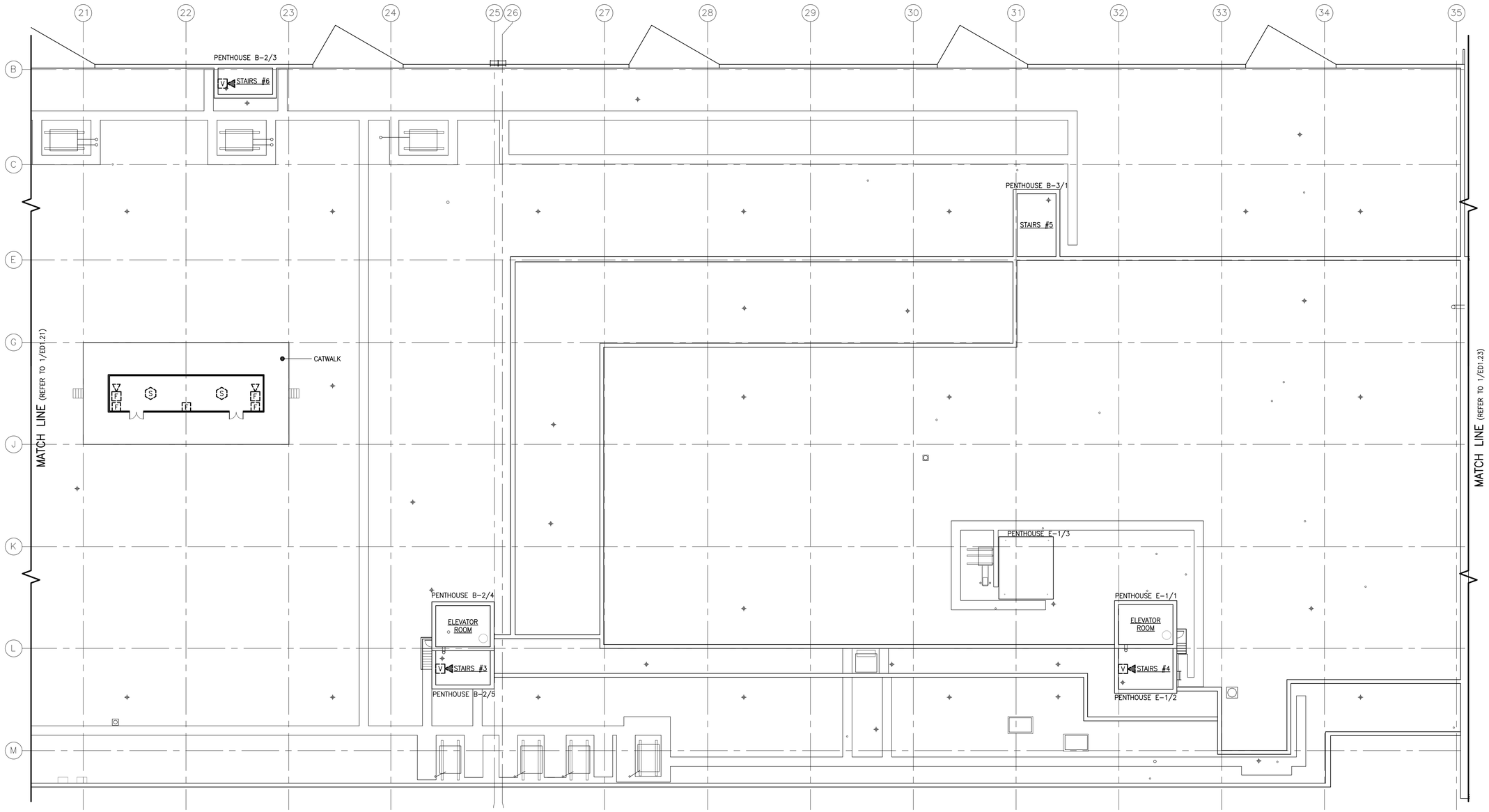
06006-0300

ED1.21 FIRE ALARM REMOVAL PLAN
SPAA - ROOF - A

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

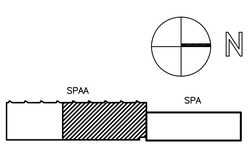
REVISIONS: DATE:



FIRE ALARM PLAN
SPAA - ROOF - B

1 SCALE: 1/16"=1'-0"

0 1/2" 1"



ROOF KEY PLAN
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ED1.22 FIRE ALARM REMOVAL PLAN
SPAA - ROOF - B

SCALE: **AS NOTED** DATE: **03-08-17**
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USPS PROJECT NO.: **B19159**

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BOSTON, MA 02205

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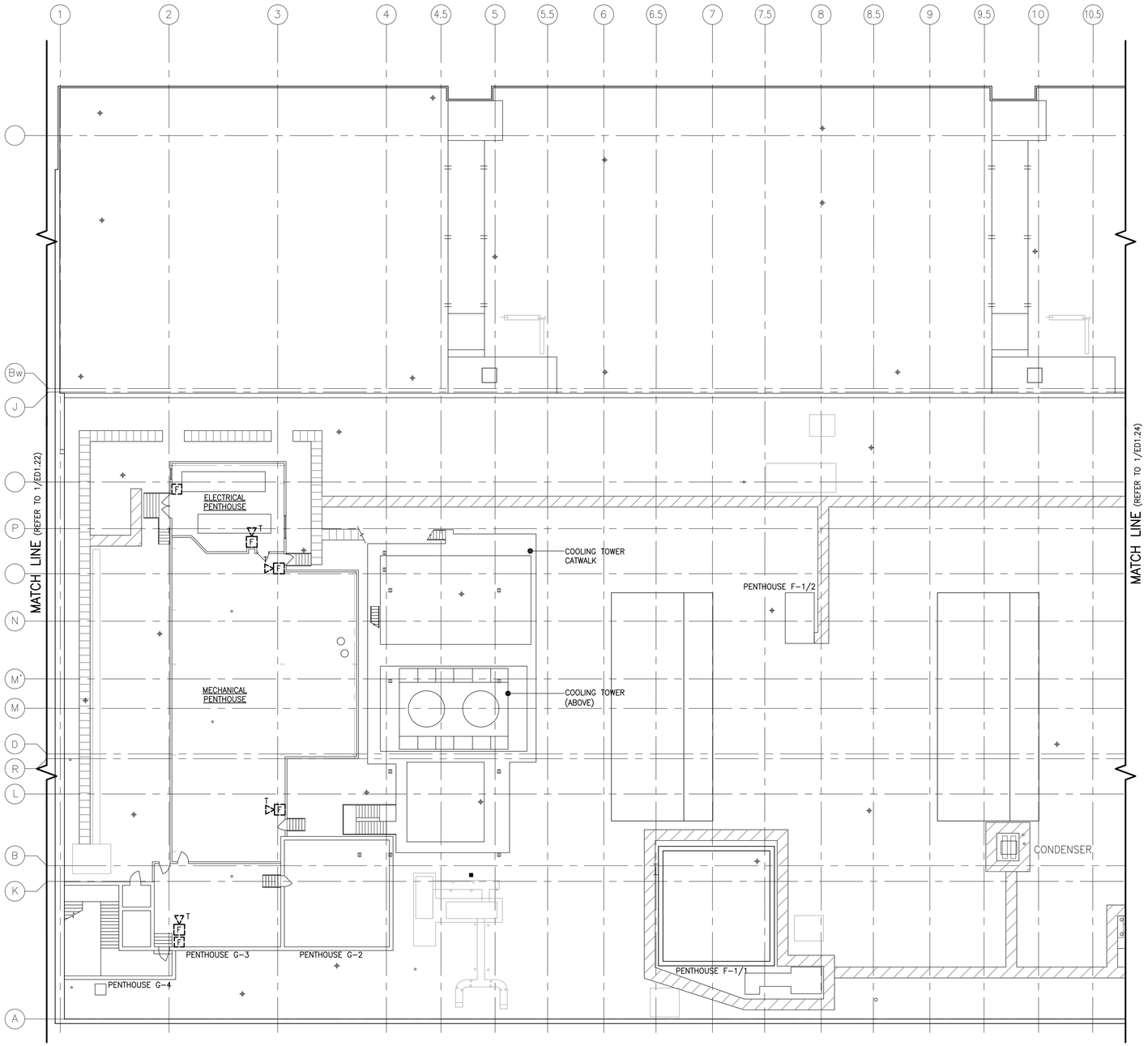
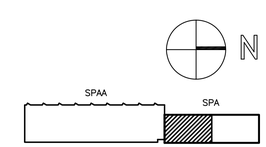


FIRE ALARM PLAN
SPA - ROOF - C

1 SCALE: 1/16"=1'-0"



ROOF KEY PLAN
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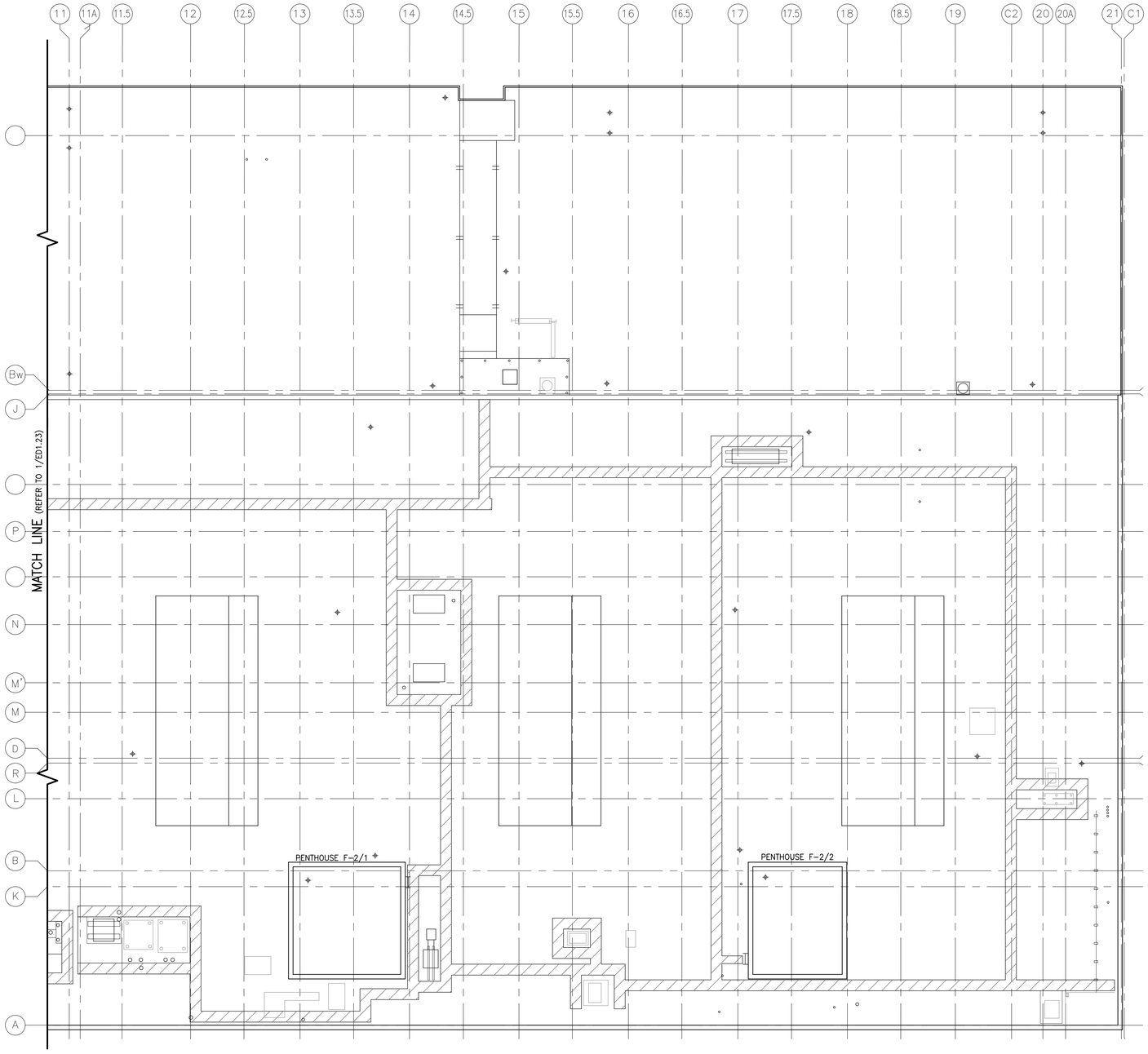
ED1.23 FIRE ALARM REMOVAL PLAN
SPA - ROOF - C

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

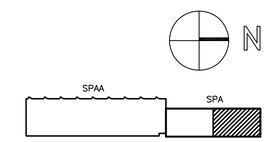
REVISIONS: DATE:



FIRE ALARM PLAN
SPA - ROOF - D

1 SCALE: 1/16"=1'-0"

0 1/2" 1"



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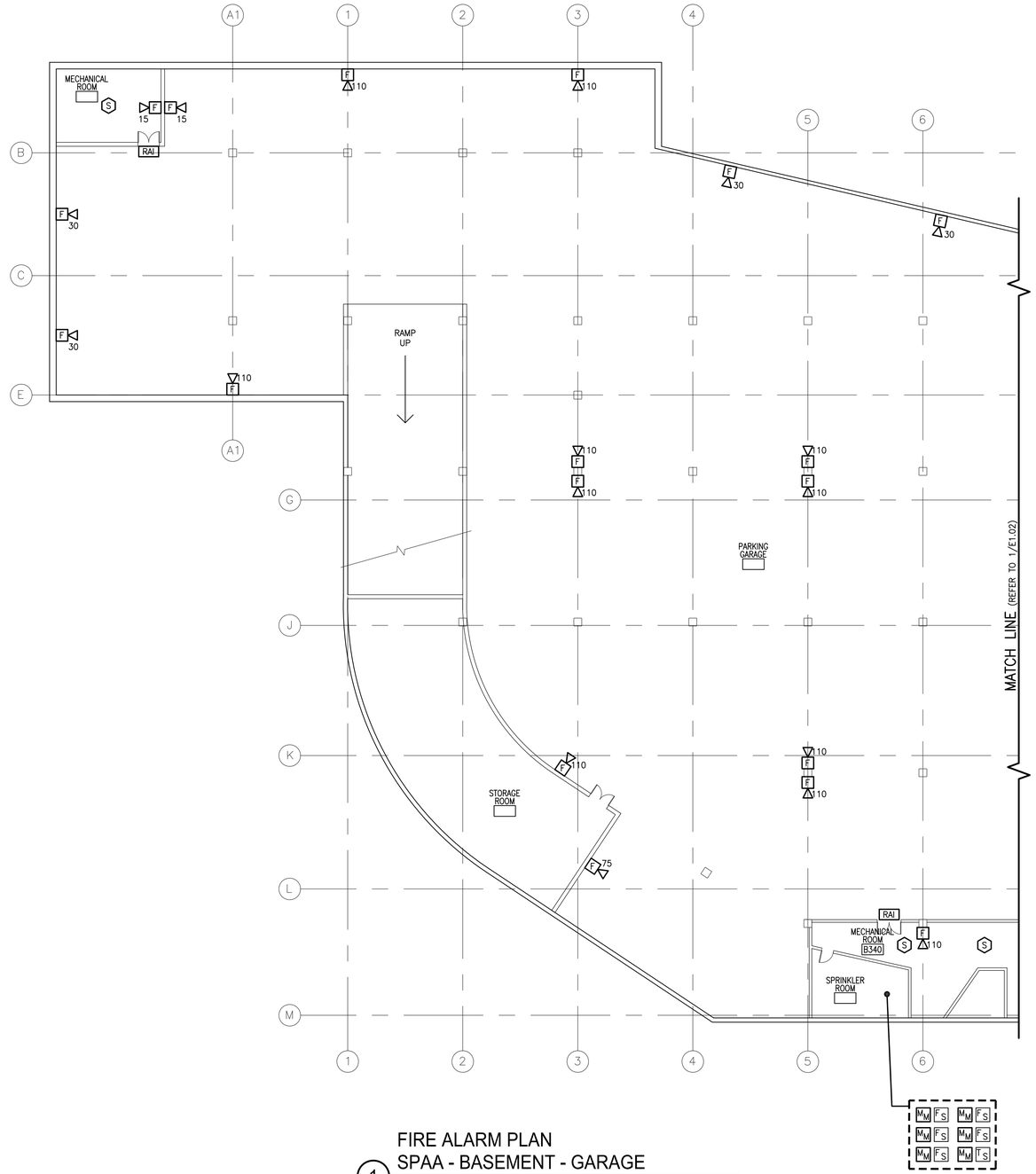
ED1.24 FIRE ALARM REMOVAL PLAN SPA - ROOF - D

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:



FIRE ALARM PLAN
SPAA - BASEMENT - GARAGE

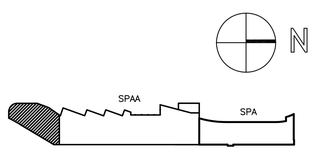
1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1 .



BASEMENT KEY PLAN
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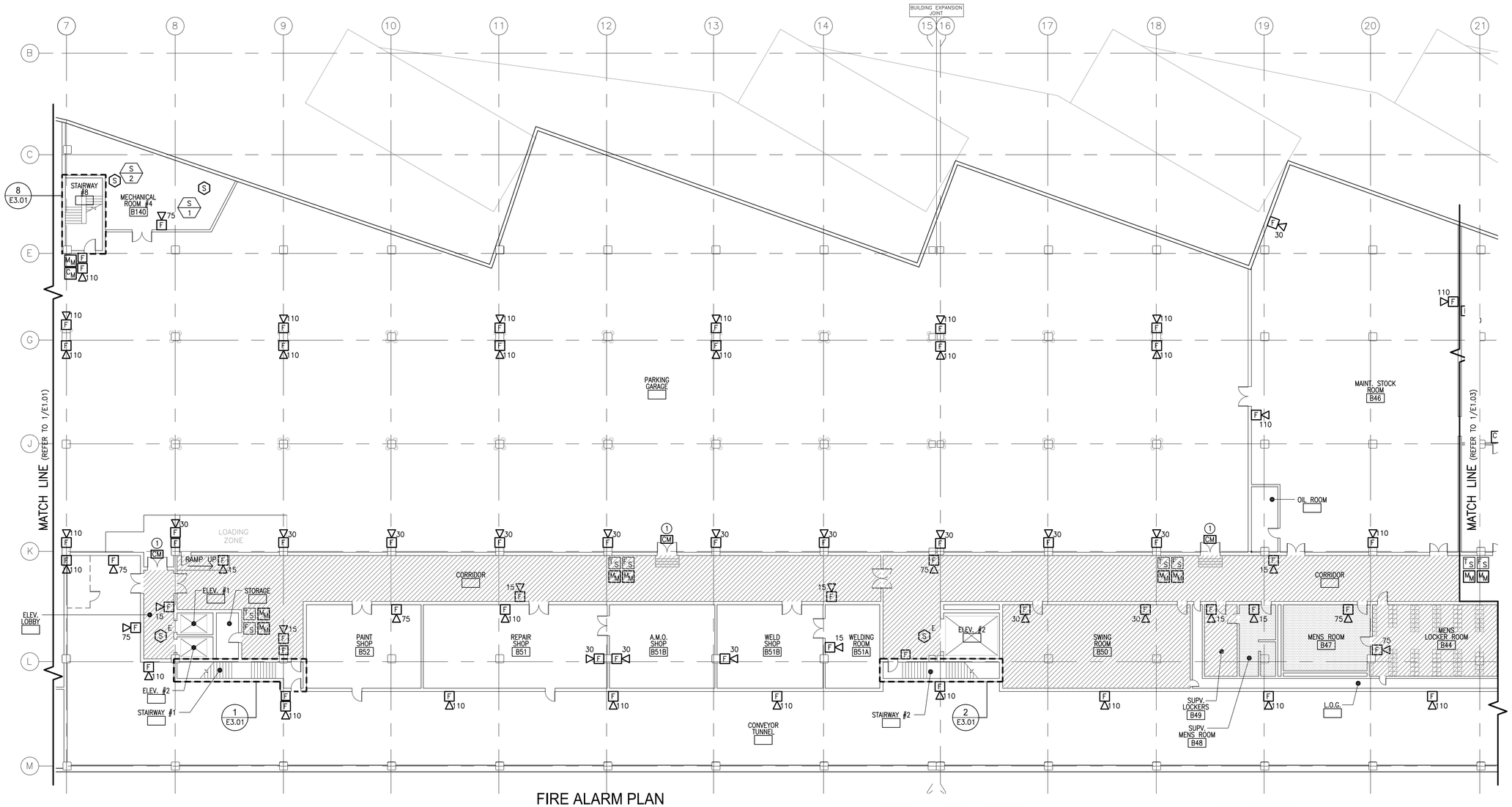
E1.01

FIRE ALARM NEW WORK PLAN
SPAA - BASEMENT - GARAGE

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:



FIRE ALARM PLAN
SPAA - BASEMENT - GARAGE

1

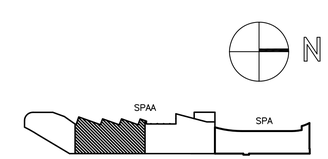
SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. EXISTING SECURITY DOOR EQUIPPED WITH MAGNETIC LOCK. PROVIDE NEW CONTROL MODULE TO UNLOCK DOOR UPON ACTIVATION OF FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER. REFER TO DETAIL ON DRAWING E0.02.



BASEMENT KEY PLAN

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E1.02

FIRE ALARM NEW WORK PLAN
SPAA - BASEMENT - A

SCALE: AS NOTED
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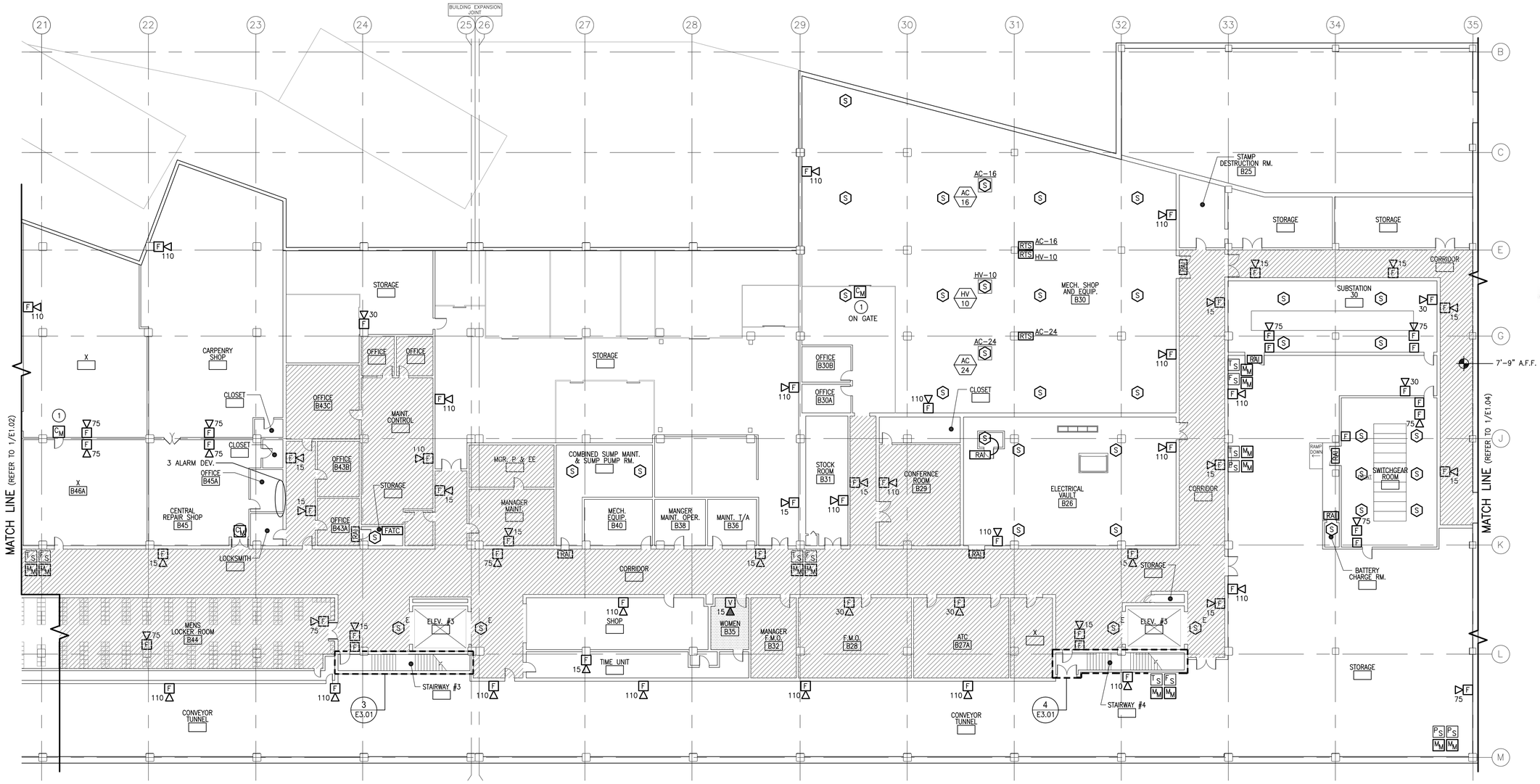
REVISIONS:
DATE:
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



FIRE ALARM PLAN
SPAA - BASEMENT - GARAGE

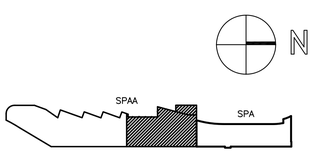
1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL REPLACE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. EXISTING SECURITY DOOR EQUIPPED WITH MAGNETIC LOCK. PROVIDE NEW CONTROL MODULE TO UNLOCK DOOR UPON ACTIVATION OF FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER. REFER TO DETAIL ON DRAWING E0.02.



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E1.03

FIRE ALARM NEW WORK PLAN
SPAA - BASEMENT - B

SCALE: AS NOTED
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REVISIONS:
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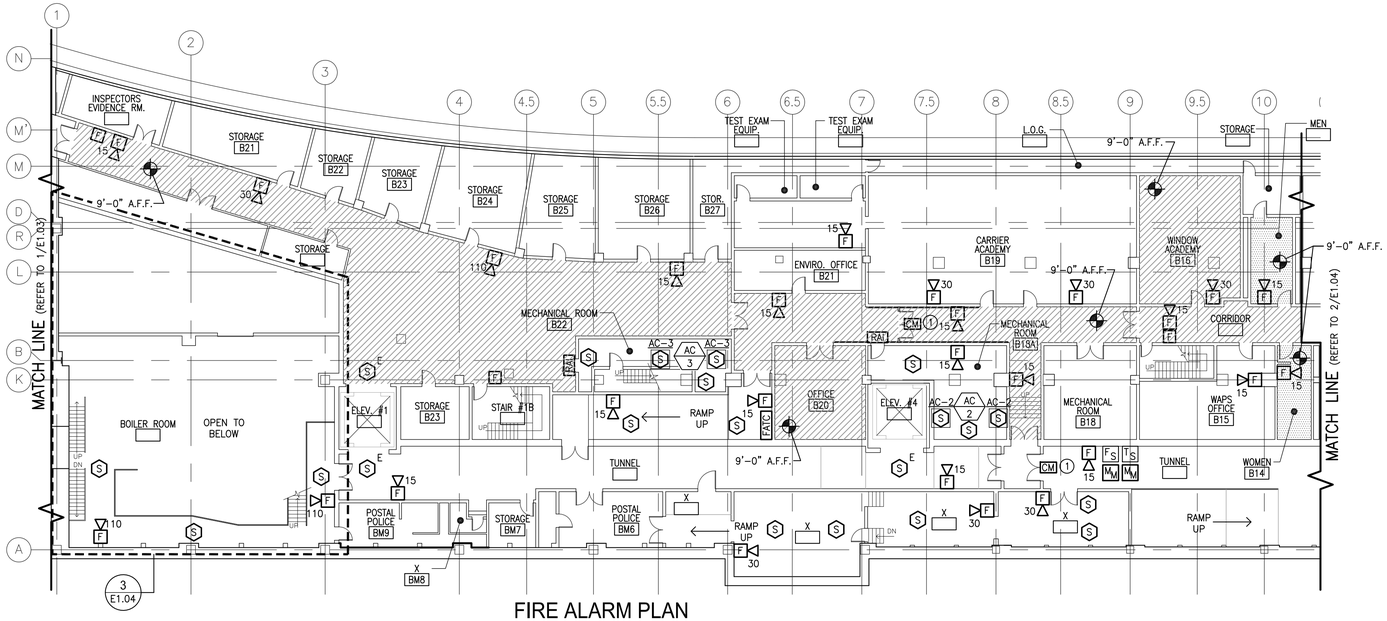
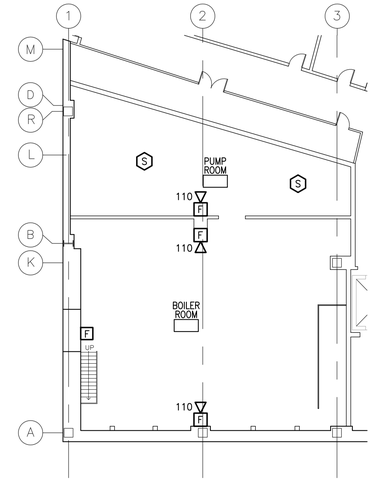
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



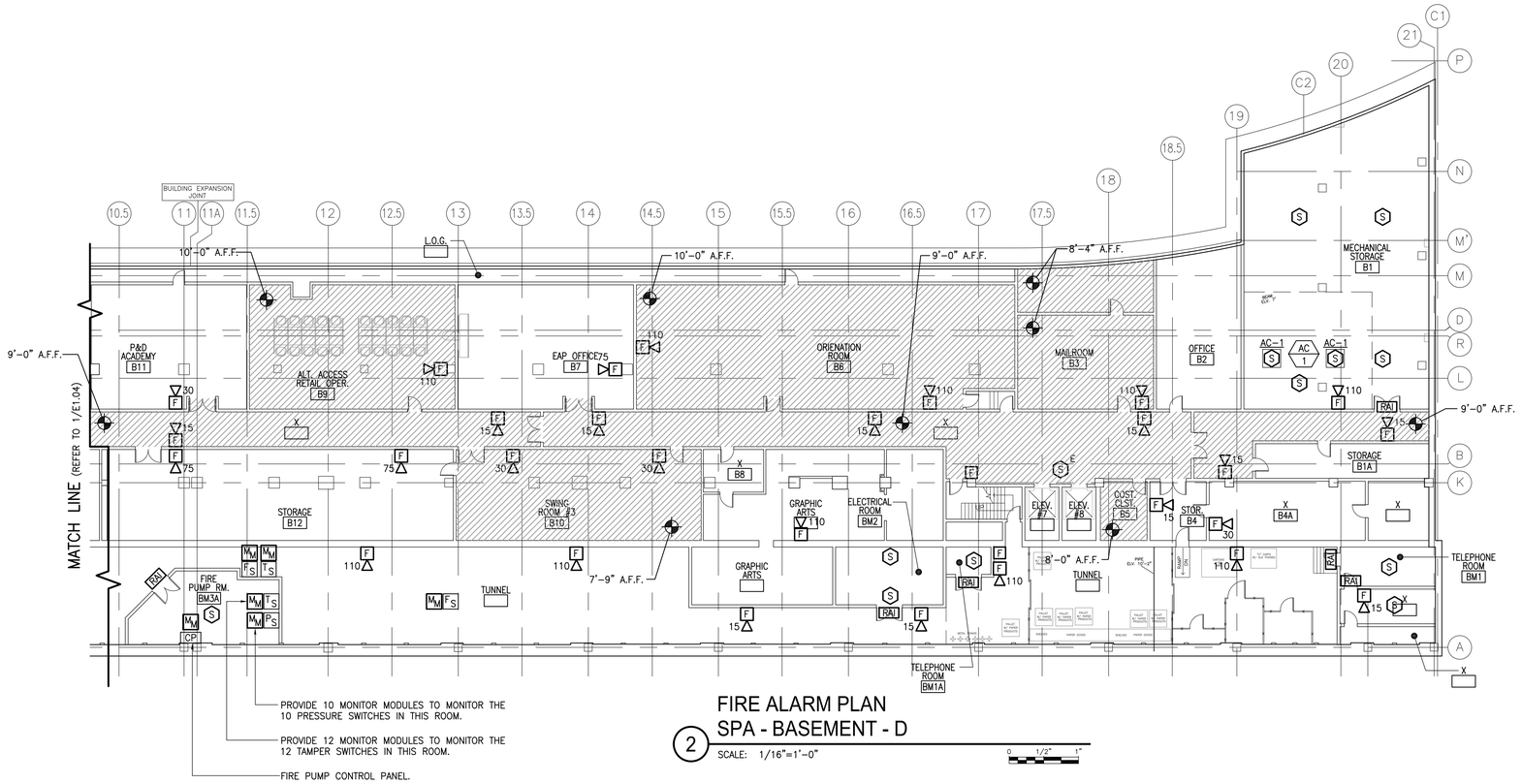
FIRE ALARM PLAN
SPA - BASEMENT - C

1 SCALE: 1/16"=1'-0"



BOILER ROOM
LOWER LEVEL PART PLAN

3 SCALE: 1/16"=1'-0"



FIRE ALARM PLAN
SPA - BASEMENT - D

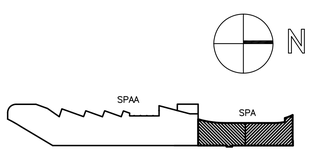
2 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. EXISTING SECURITY DOOR EQUIPPED WITH MAGNETIC LOCK. PROVIDE NEW CONTROL MODULE TO UNLOCK DOOR UPON ACTIVATION OF FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER. REFER TO DETAIL ON DRAWING E0.02.



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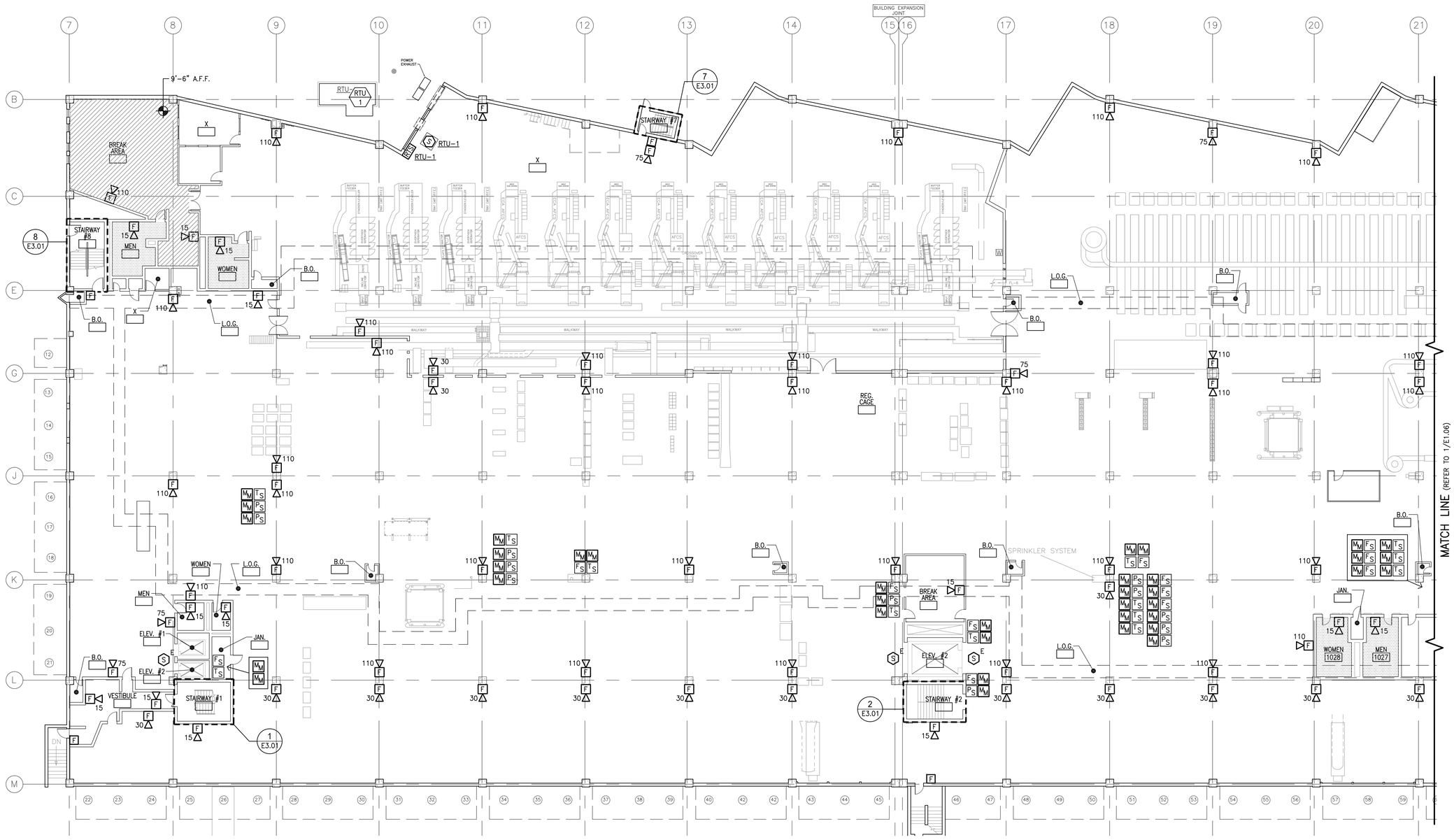
E1.04
FIRE ALARM NEW WORK PLAN
SPA - BASEMENT - C / D

SCALE: AS NOTED
DATE: 03-08-17
REVISIONS:
DATE:
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



FIRE ALARM PLAN
SPAA - 1ST FLOOR - A

1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
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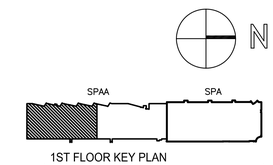
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.



1ST FLOOR KEY PLAN
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COMMONWEALTH OF MASSACHUSETTS BRIAN M. MORLEY ELECTRICAL No. 32514 REGISTERED PROFESSIONAL ENGINEER

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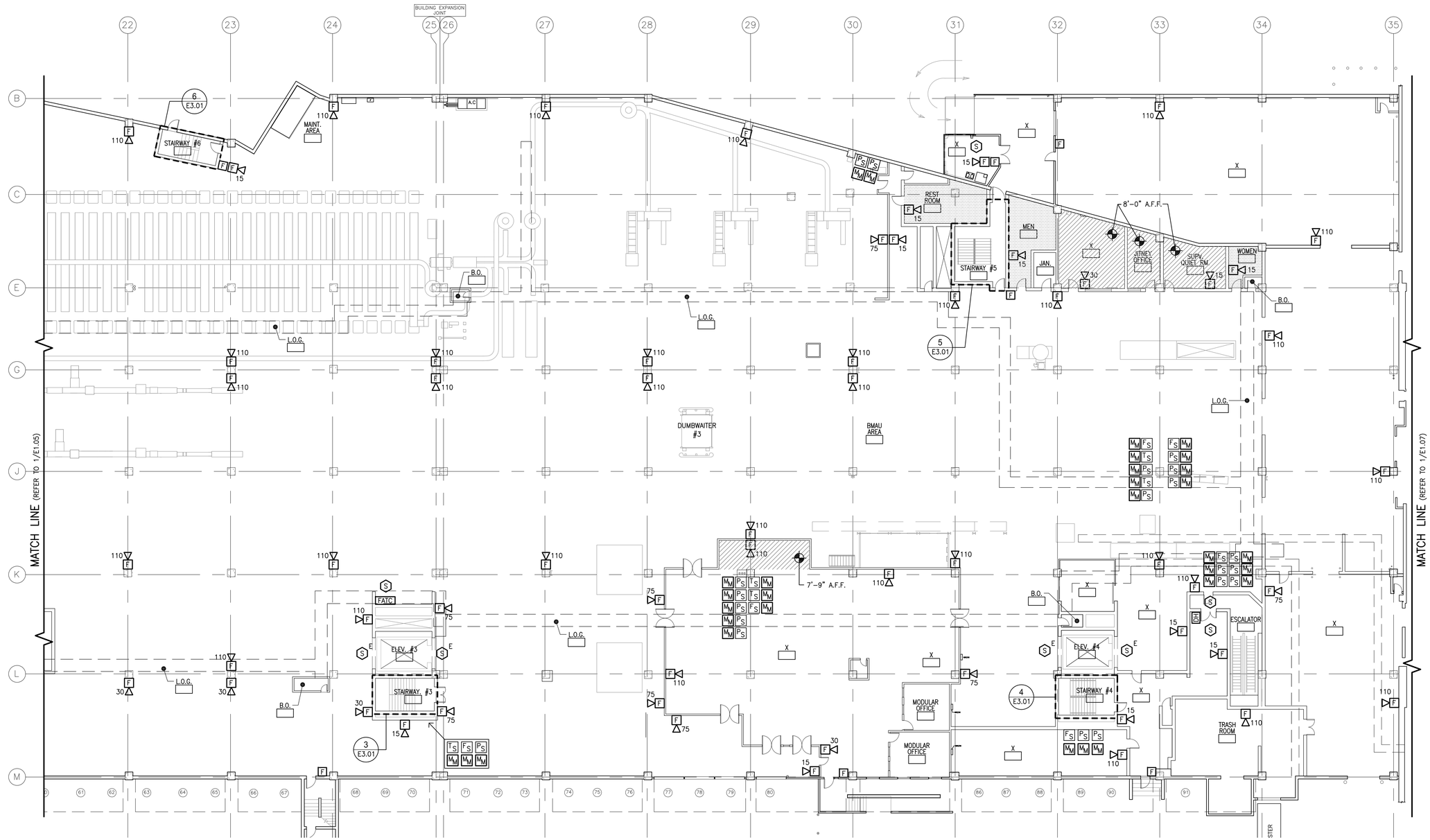
E1.05

FIRE ALARM NEW WORK PLAN
SPAA - 1ST FLOOR - A

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS:
DATE:

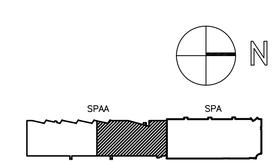


FIRE ALARM PLAN
SPAA - 1ST FLOOR - B

1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.



1ST FLOOR KEY PLAN
SCALE: NOT TO SCALE

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COMMONWEALTH OF MASSACHUSETTS
BRIAN M. MORLEY
ELECTRICAL
No. 32574
REGISTERED PROFESSIONAL ENGINEER

UNITED STATES POSTAL SERVICE

UPGRADE FIRE ALARM SYSTEM
P&DC
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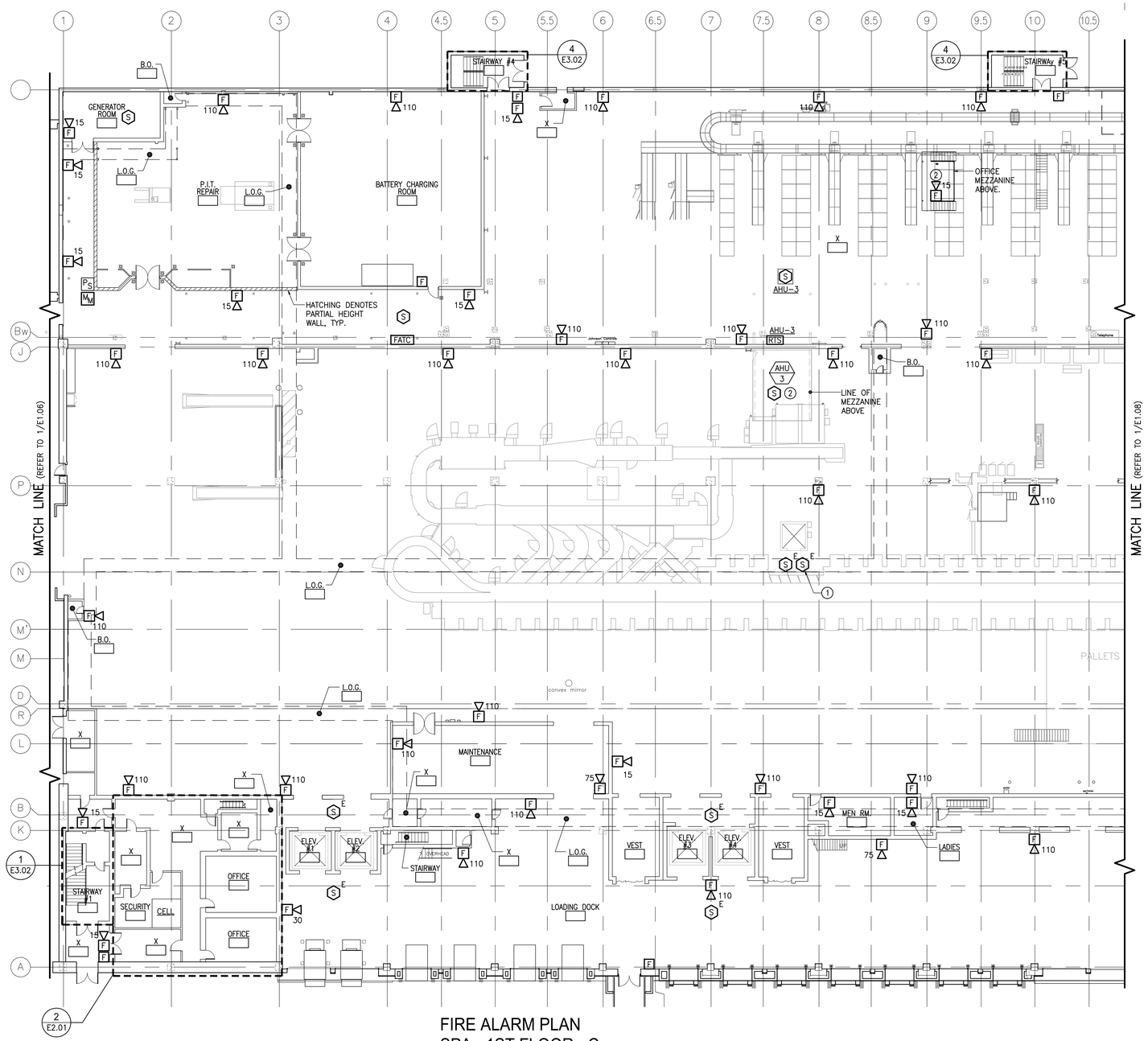
Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

E1.06

FIRE ALARM NEW WORK PLAN
SPAA - 1ST FLOOR - B

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS:
DATE:



FIRE ALARM PLAN
SPA - 1ST FLOOR - C

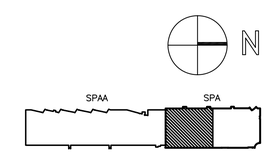
1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. SMOKE DETECTOR LOCATED AT LOOKOUT GALLERY (L.O.G.) ELEVATOR LANDING, ABOVE.
2. LOCATED AT MEZZANINE.



1ST FLOOR KEY PLAN
SCALE: NOT TO SCALE

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BRIAN M. MORLEY ELECTRICAL No. 32511 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS

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UPGRADE FIRE ALARM SYSTEM
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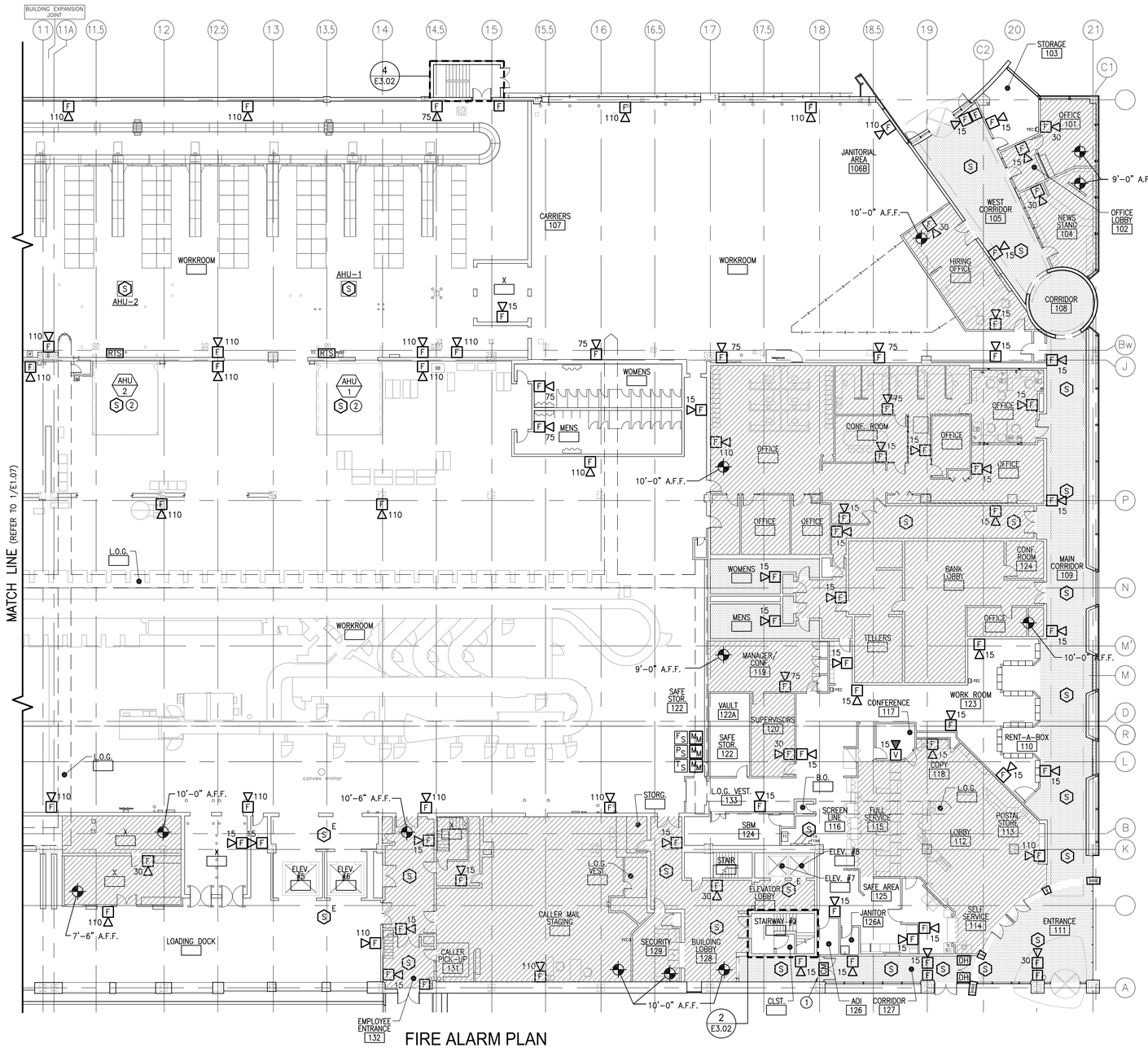
FIRE ALARM NEW WORK PLAN
SPA - 1ST FLOOR - C

DATE:
REVISIONS:

E1.07

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



FIRE ALARM PLAN
SPA - 1ST FLOOR - D

1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
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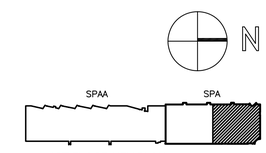
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. EXISTING SECURITY DOOR EQUIPPED WITH MAGNETIC LOCK. PROVIDE NEW CONTROL MODULE TO UNLOCK DOOR UPON ACTIVATION OF FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER. REFER TO DETAIL ON DRAWING E0.02.
2. LOCATED AT MEZZANINE.



1ST FLOOR KEY PLAN
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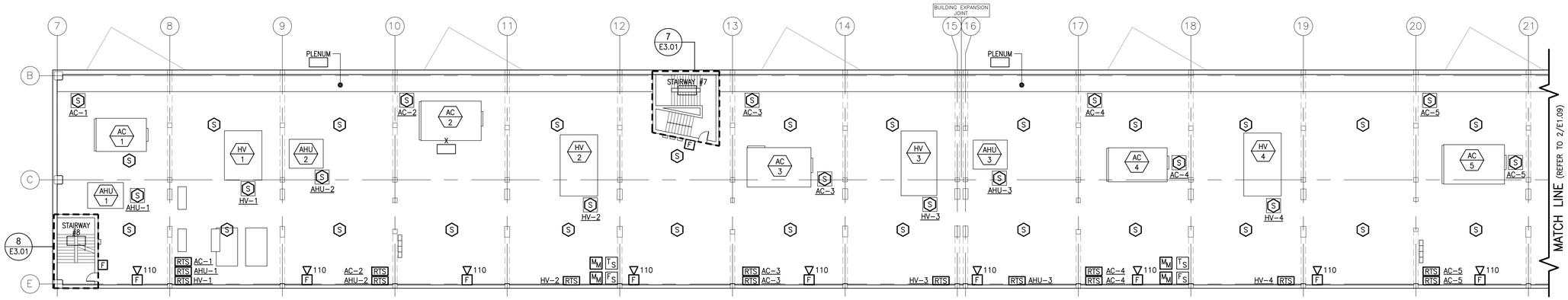
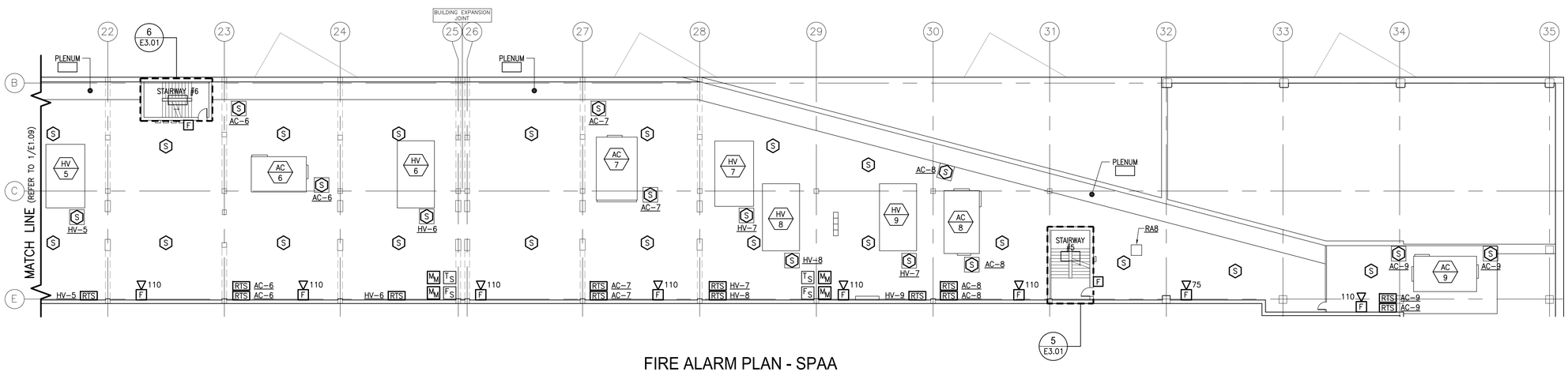
E1.08
FIRE ALARM NEW WORK PLAN
SPA - 1ST FLOOR - D

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS: DATE:



FIRE ALARM PLAN - SPAA
1 1ST FLOOR WEST MEZZANINE - A (2M-WEST)
SCALE: 1/16"=1'-0"



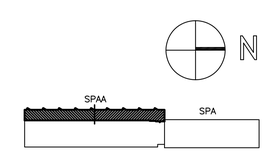
FIRE ALARM PLAN - SPAA
2 1ST FLOOR WEST MEZZANINE - B (2M-WEST)
SCALE: 1/16"=1'-0"

WEST MEZZANINE INSTALLATION NOTE:

EXISTING PLASTER VENEER LOCATED ON COLUMNS AND CROSS-BRACES HAS BEEN IDENTIFIED AS CONTAINING ASBESTOS. ALL NEW WORK SHALL BE PERFORMED TO AVOID DISTURBING PLASTER VENEER.

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.



1ST FLOOR MECHANICAL MEZZANINE (WEST SIDE) KEY PLAN
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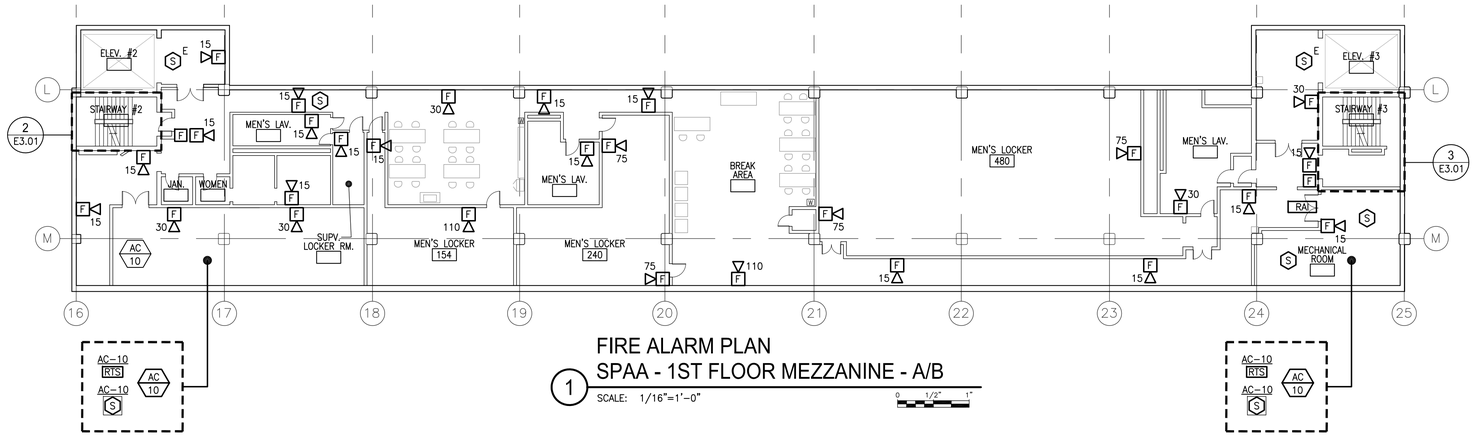
E1.09

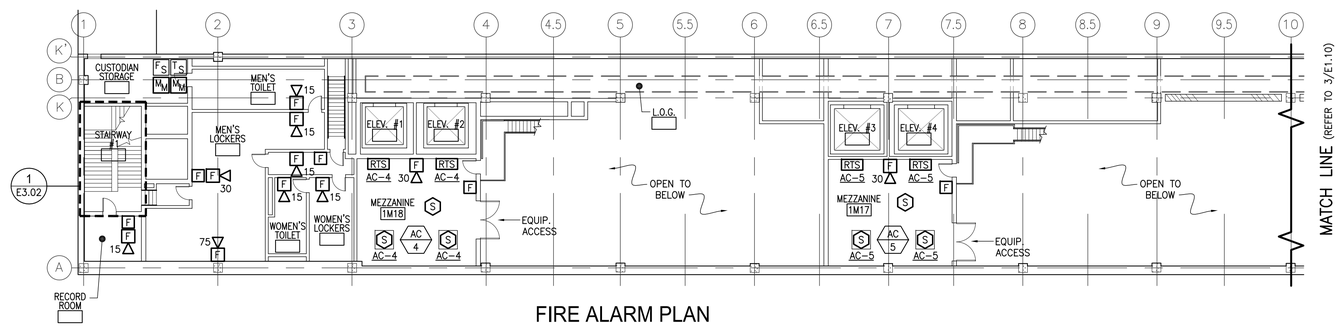
FIRE ALARM NEW WORK PLAN
SPAA - 1ST FLOOR WEST MEZZANINE - A / B

REVISIONS: DATE:

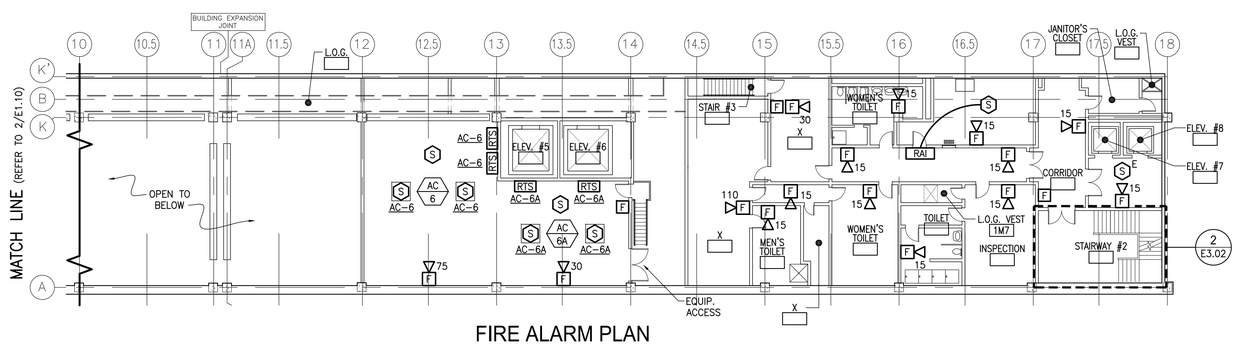
SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



FIRE ALARM PLAN
SPAA - 1ST FLOOR MEZZANINE - A/B
1 SCALE: 1/16"=1'-0"



FIRE ALARM PLAN
SPA - 1ST FLOOR MEZZANINE - C
2 SCALE: 1/16"=1'-0"



FIRE ALARM PLAN
SPA - 1ST FLOOR MEZZANINE - D
3 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
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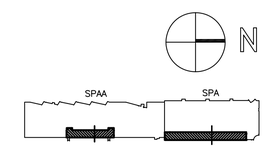
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.



1ST FLOOR MEZZANINE KEY PLAN
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UNITED STATES POSTAL SERVICE

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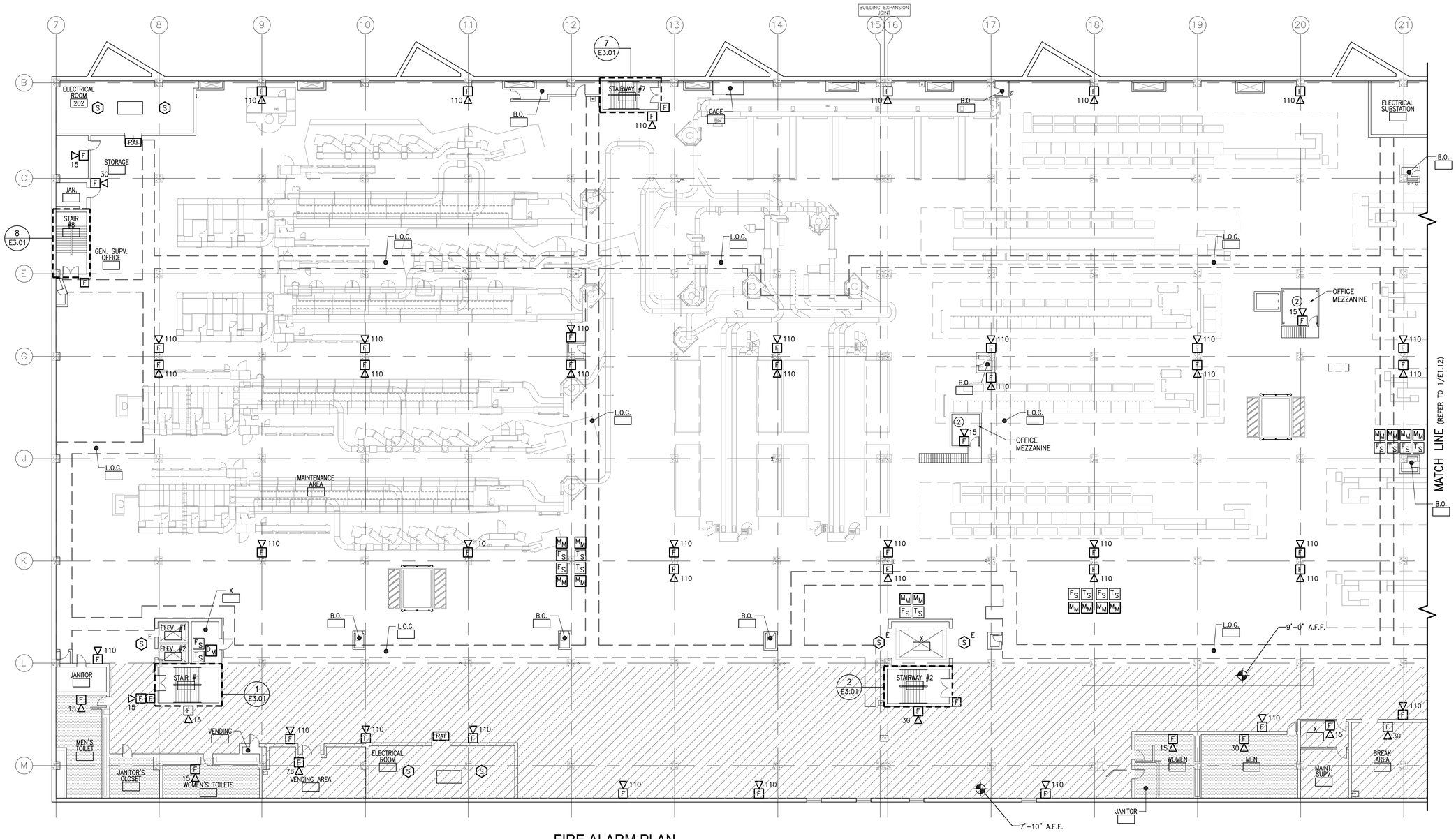
FIRE ALARM NEW WORK PLANS - SPAA & SPA
1ST FLOOR MEZZANINE - A/B & C/D

REVISIONS: DATE:

E1.10

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



FIRE ALARM PLAN
SPAA - 2ND FLOOR - A

1

SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
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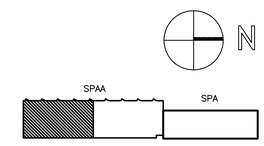
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. LOCATED AT WORKROOM LEVEL.
2. LOCATED AT MEZZANINE.



2ND FLOOR KEY PLAN

SCALE: NOT TO SCALE

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BRIAN M. MORLEY
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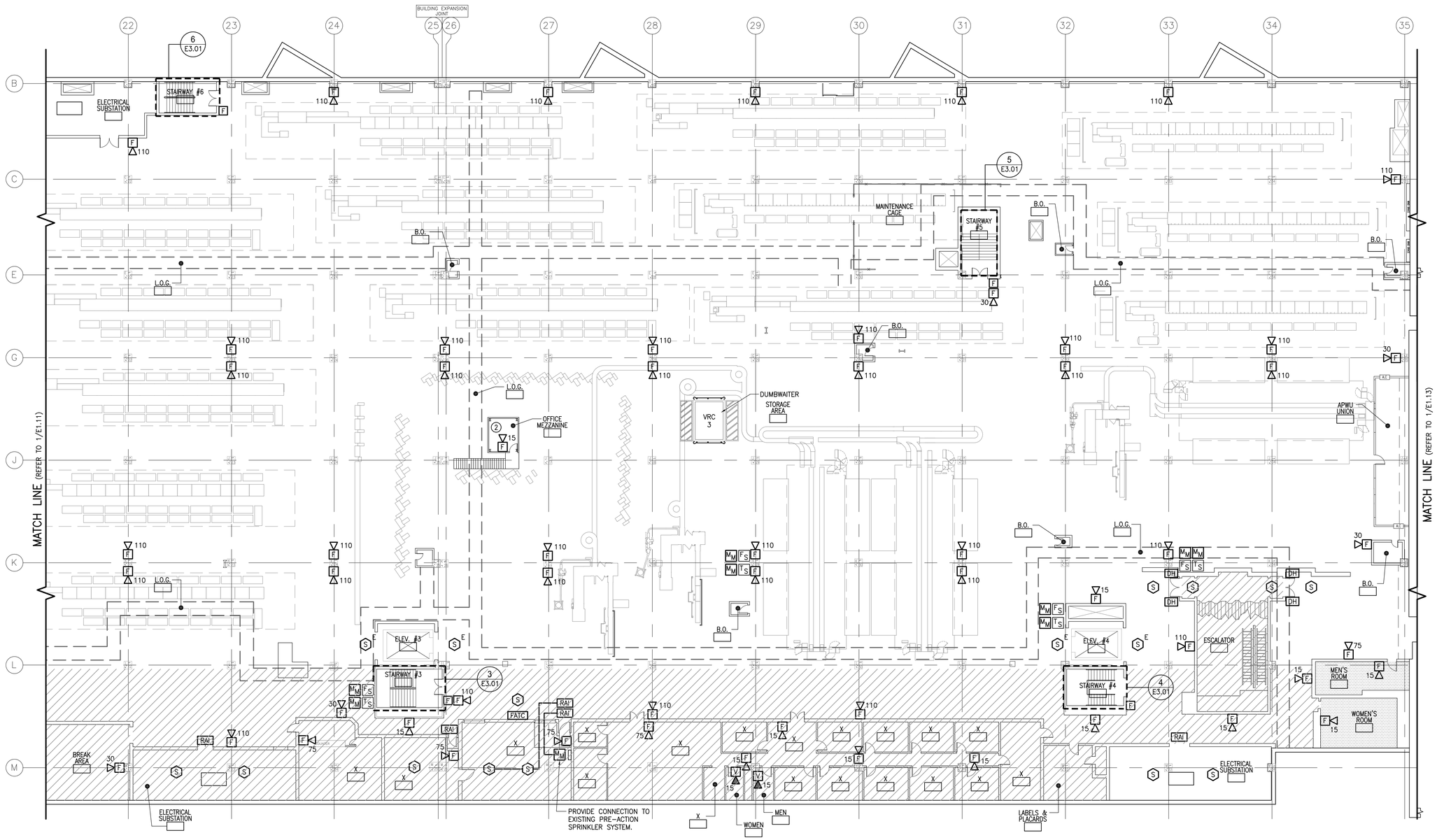
FIRE ALARM NEW WORK PLAN
SPAA - 2ND FLOOR - A

E1.11

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS:
DATE:



FIRE ALARM PLAN
SPAA - 2ND FLOOR - B

(1) SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

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2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
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KEY NOTES

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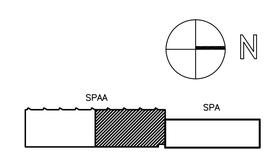
(2) LOCATED AT MEZZANINE.



2ND FLOOR KEY PLAN
SCALE: NOT TO SCALE

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Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

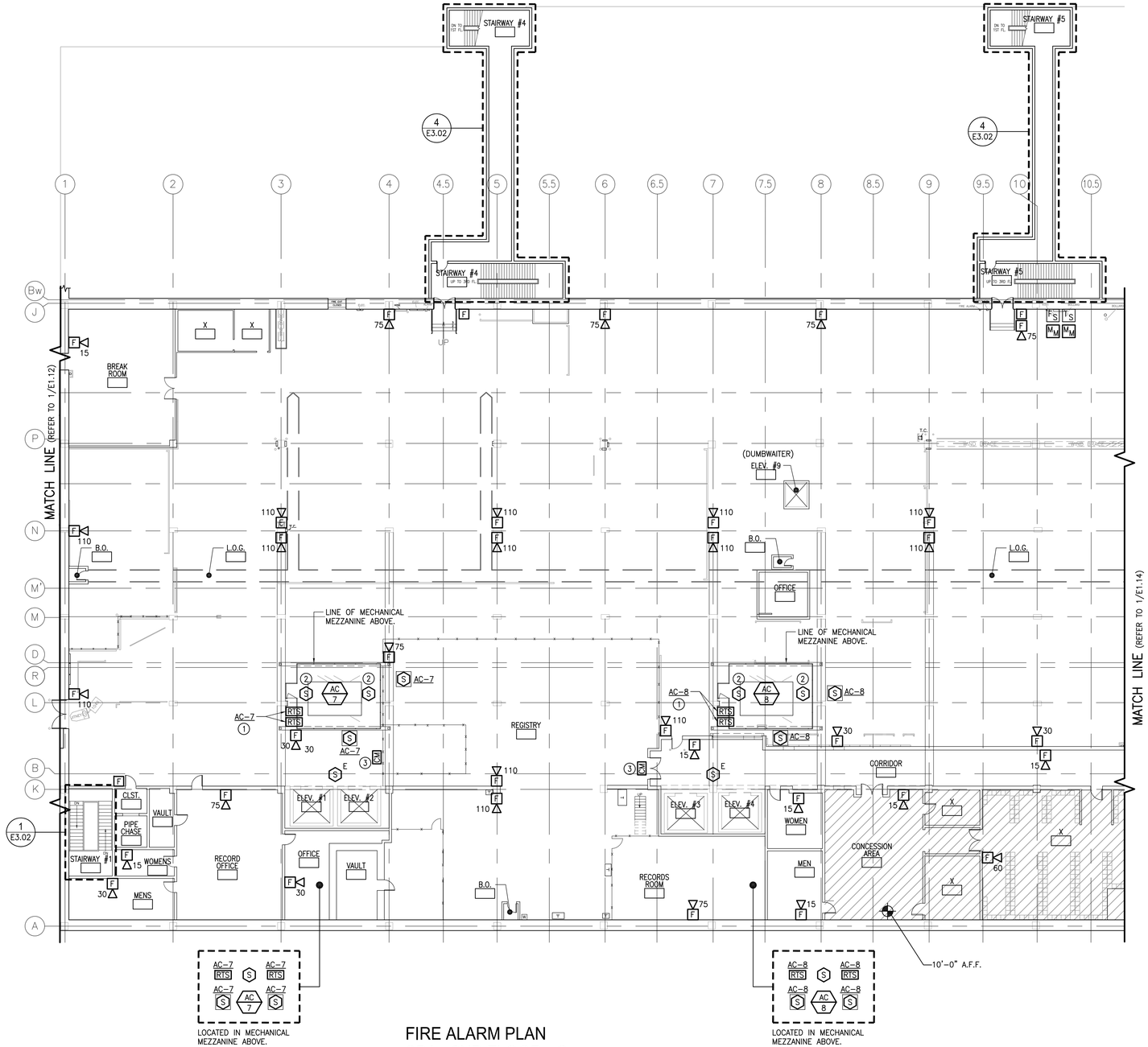
E1.12

FIRE ALARM NEW WORK PLAN
SPAA - 2ND FLOOR - B

REVISIONS:

DATE:

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



FIRE ALARM PLAN
SPA - 2ND FLOOR - C

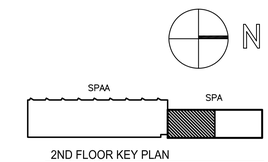
1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. LOCATED AT WORKROOM LEVEL.
2. LOCATED IN MEZZANINE.
3. EXISTING SECURITY DOOR EQUIPPED WITH MAGNETIC LOCK. PROVIDE NEW CONTROL MODULE TO UNLOCK DOOR UPON ACTIVATION OF FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER. REFER TO DETAIL ON DRAWING E0.02.



2ND FLOOR KEY PLAN
SCALE: NOT TO SCALE

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E1.13

FIRE ALARM NEW WORK PLAN
SPA - 2ND FLOOR - C

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

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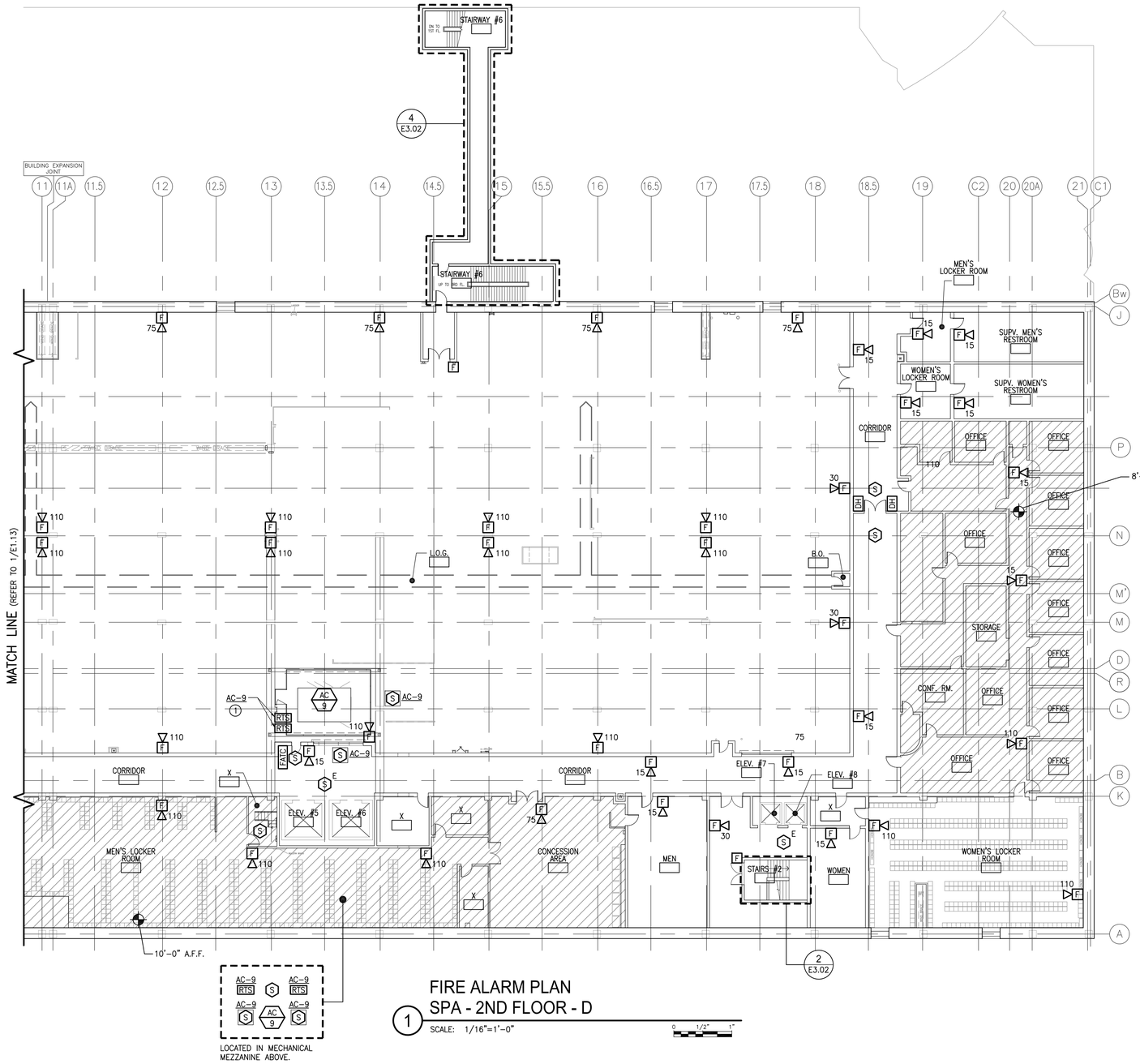


FIRE ALARM PLAN
SPA - 2ND FLOOR - D

1 SCALE: 1/16"=1'-0"

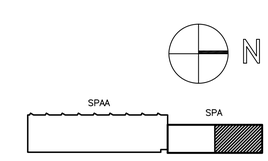
0 1/2" 1"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. LOCATED AT WORKROOM LEVEL..



2ND FLOOR KEY PLAN
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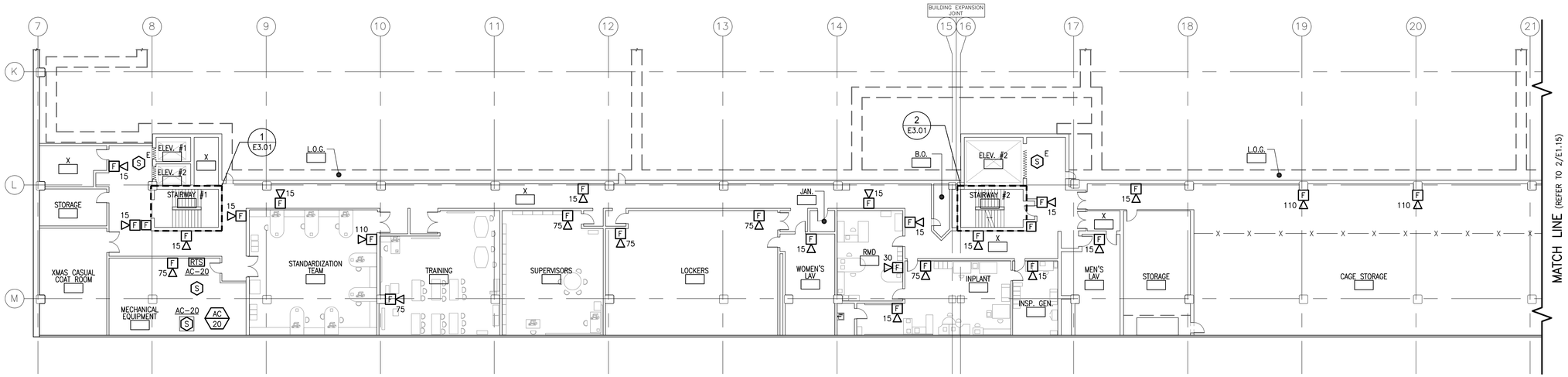
E1.14

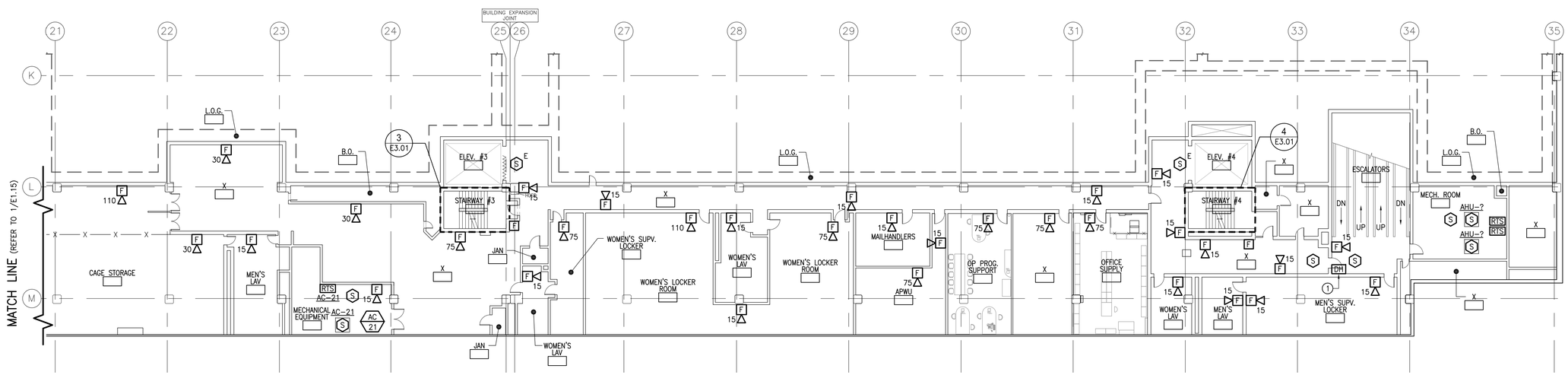
FIRE ALARM NEW WORK PLAN
SPA - 2ND FLOOR - D

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159
REVISIONS:
DATE:



FIRE ALARM PLAN - SPAA
2ND FLOOR EAST MEZZANINE - A

1 SCALE: 1/16"=1'-0"



FIRE ALARM PLAN - SPAA
2ND FLOOR EAST MEZZANINE - B

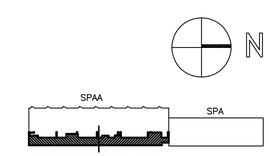
2 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. FLOOR MOUNTED DOOR HOLDER.



2ND FLOOR MEZZANINE
(EAST SIDE) KEY PLAN
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E1.15

FIRE ALARM NEW WORK PLAN
SPAA - 2ND FLOOR EAST MEZZANINE - A / B

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

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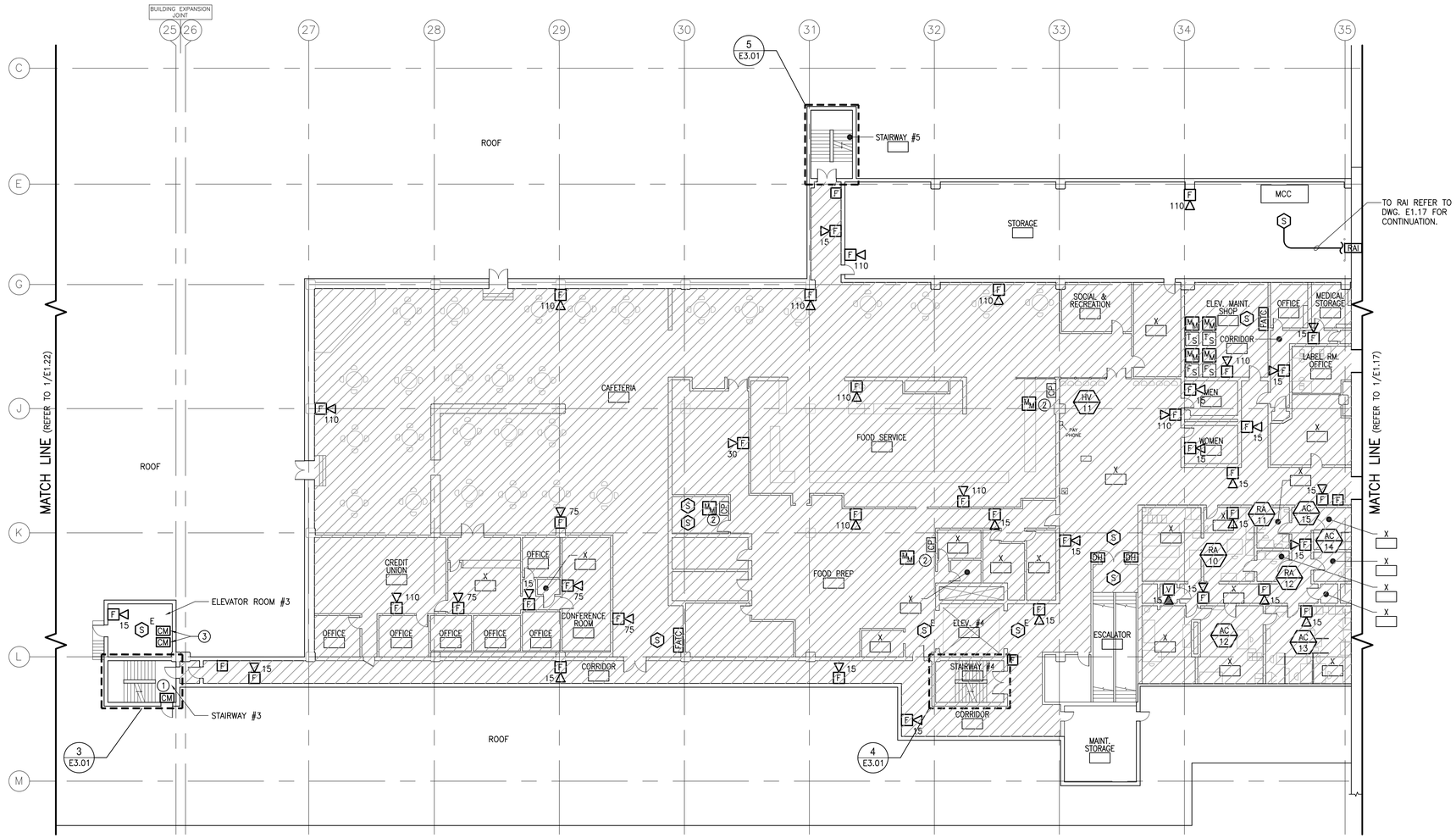


FIRE ALARM PLAN
SPAA - 3RD FLOOR - B

1 SCALE: 1/16"=1'-0"

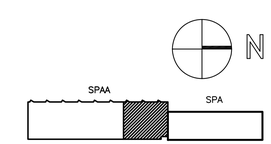
0 1/2" 1"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. EXISTING SECURITY DOOR EQUIPPED WITH MAGNETIC LOCK. PROVIDE NEW CONTROL MODULE TO UNLOCK DOOR UPON ACTIVATION OF FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER. REFER TO DETAIL ON DRAWING E0.02.
2. EXISTING KITCHEN FIRE SUPPRESSION SYSTEM CONTROL PANEL. PROVIDE MONITOR MODULES TO ACTIVATE BUILDING FIRE ALARM SYSTEM UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM.
3. PROVIDE CONTROL MODULES AS NECESSARY TO INTERFACE WITH ELEVATOR CONTROLS FOR PRIMARY AND ALTERNATING RECALL FLOORS.



3RD FLOOR KEY PLAN

SCALE: NOT TO SCALE

E1.16

FIRE ALARM NEW WORK PLAN
SPAA - 3RD FLOOR - B

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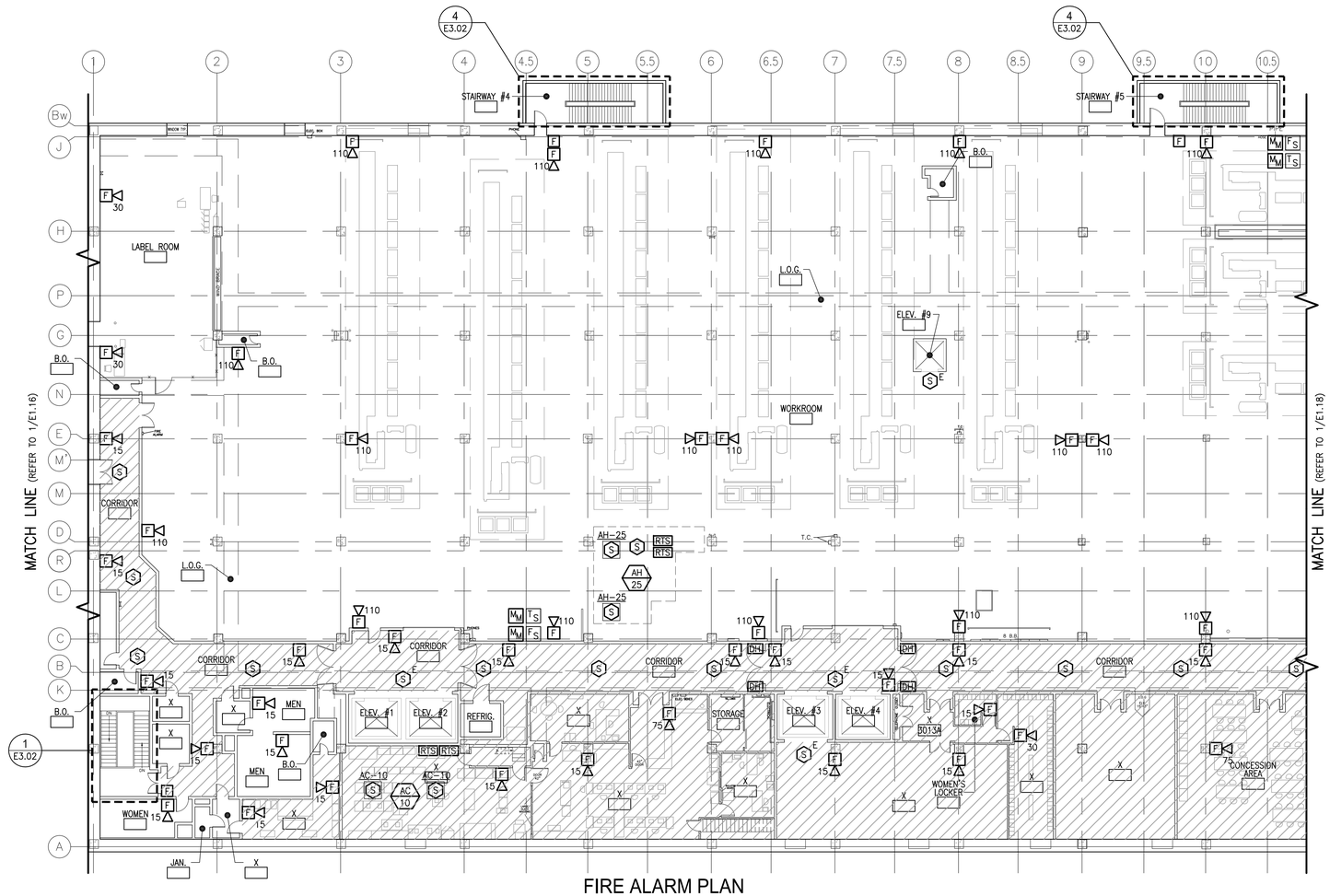

FIRE ALARM PLAN
SPA - 3RD FLOOR - C

1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
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9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

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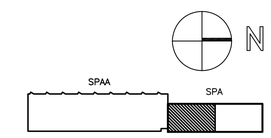

3RD FLOOR KEY PLAN
SCALE: NOT TO SCALE

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E1.17

FIRE ALARM NEW WORK PLAN
SPA - 3RD FLOOR - C

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

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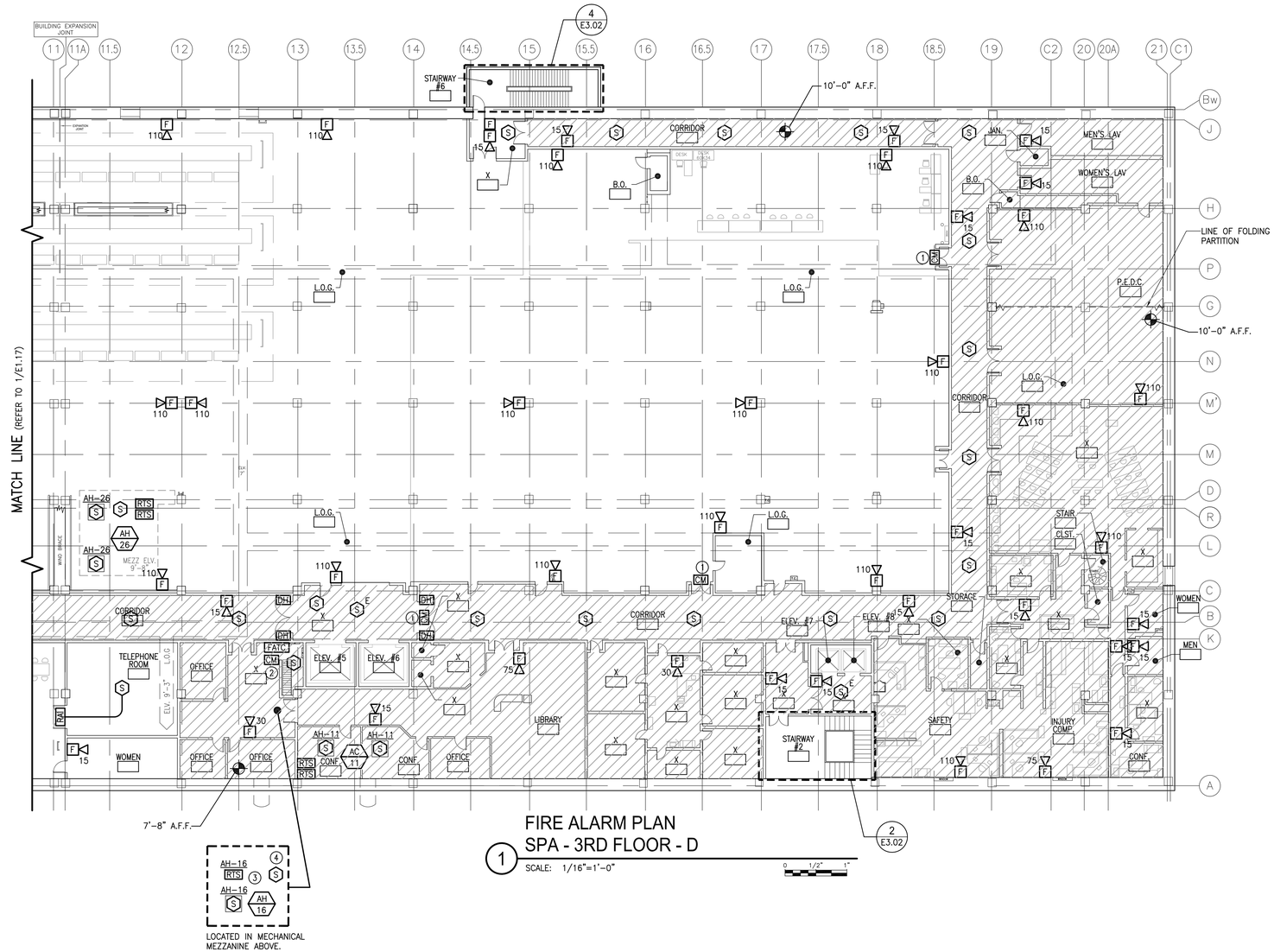


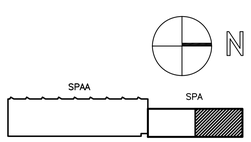
1 FIRE ALARM PLAN
SPA - 3RD FLOOR - D
SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. EXISTING SECURITY DOOR EQUIPPED WITH MAGNETIC LOCK. PROVIDE NEW CONTROL MODULE TO UNLOCK DOOR UPON ACTIVATION OF FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER. REFER TO DETAIL ON DRAWING E0.02.
2. PROVIDE CONTROL MODULE WITH N.C. RELAY TO INTERFACE WITH BUILDING P.A. SYSTEM. P.A. SYSTEM SHALL BE DISABLED UPON ACTIVATION OF FIRE ALARM SYSTEM.
3. EXISTING AIR HANDLER "AH-16" LOCATED ON MEZZANINE ABOVE. REMOTE TEST STATION SHALL BE LOCATED AT TOP OF MEZZANINE STAIRS.
4. SMOKE DETECTOR LOCATED IN MECHANICAL ROOM AT MEZZANINE.



3RD FLOOR KEY PLAN
SCALE: NOT TO SCALE

E1.18 FIRE ALARM NEW WORK PLAN
SPA - 3RD FLOOR - D

SCALE: AS NOTED DATE: 03-08-17 REVISIONS: DATE:
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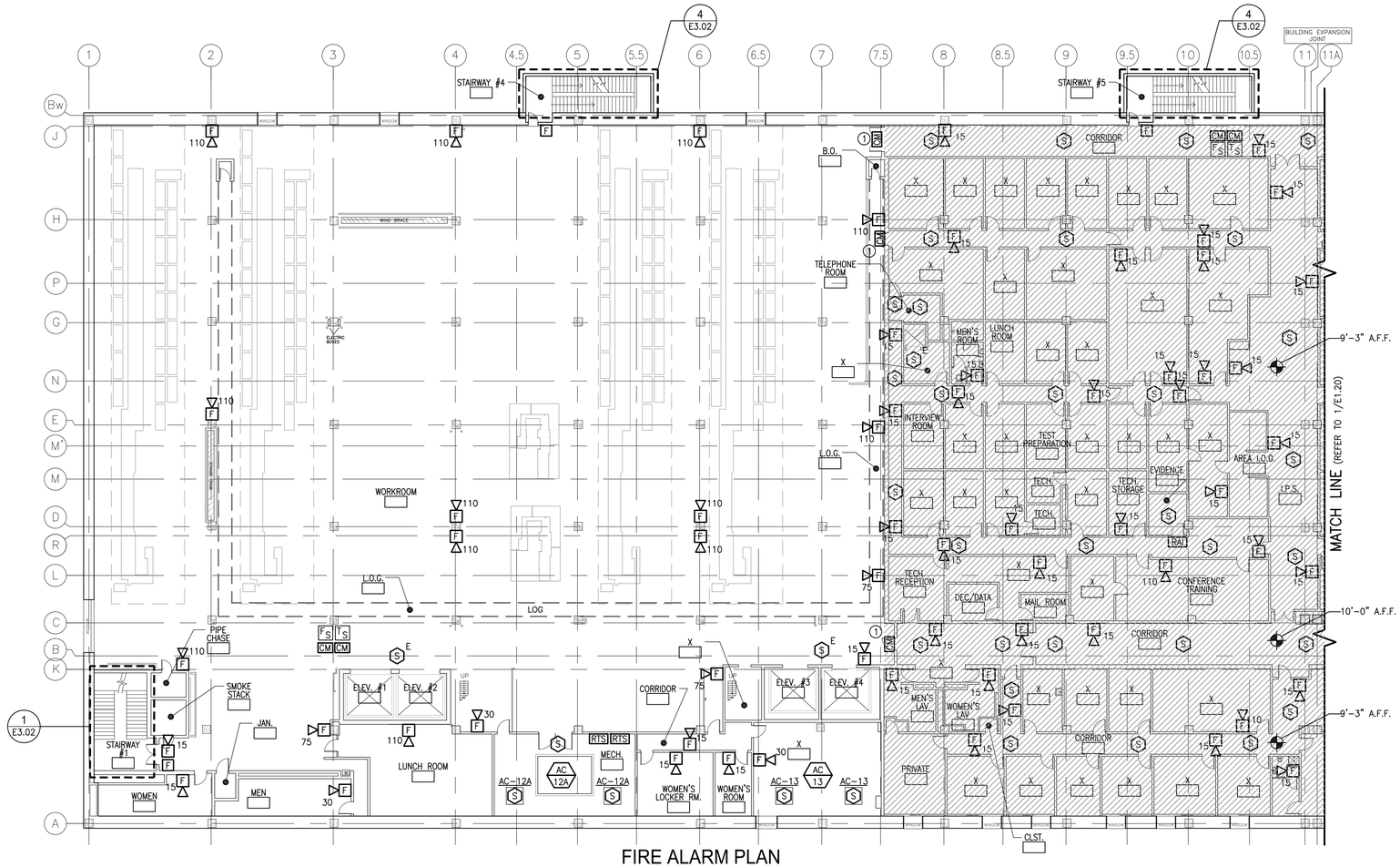

FIRE ALARM PLAN
SPA - 4TH FLOOR - C

1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
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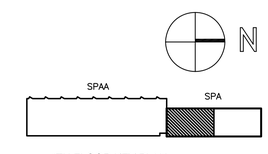
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. EXISTING SECURITY DOOR EQUIPPED WITH MAGNETIC LOCK. PROVIDE NEW CONTROL MODULE TO UNLOCK DOOR UPON ACTIVATION OF FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER. REFER TO DETAIL ON DRAWING E0.02.



4TH FLOOR KEY PLAN
SCALE: NOT TO SCALE

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06006-0300

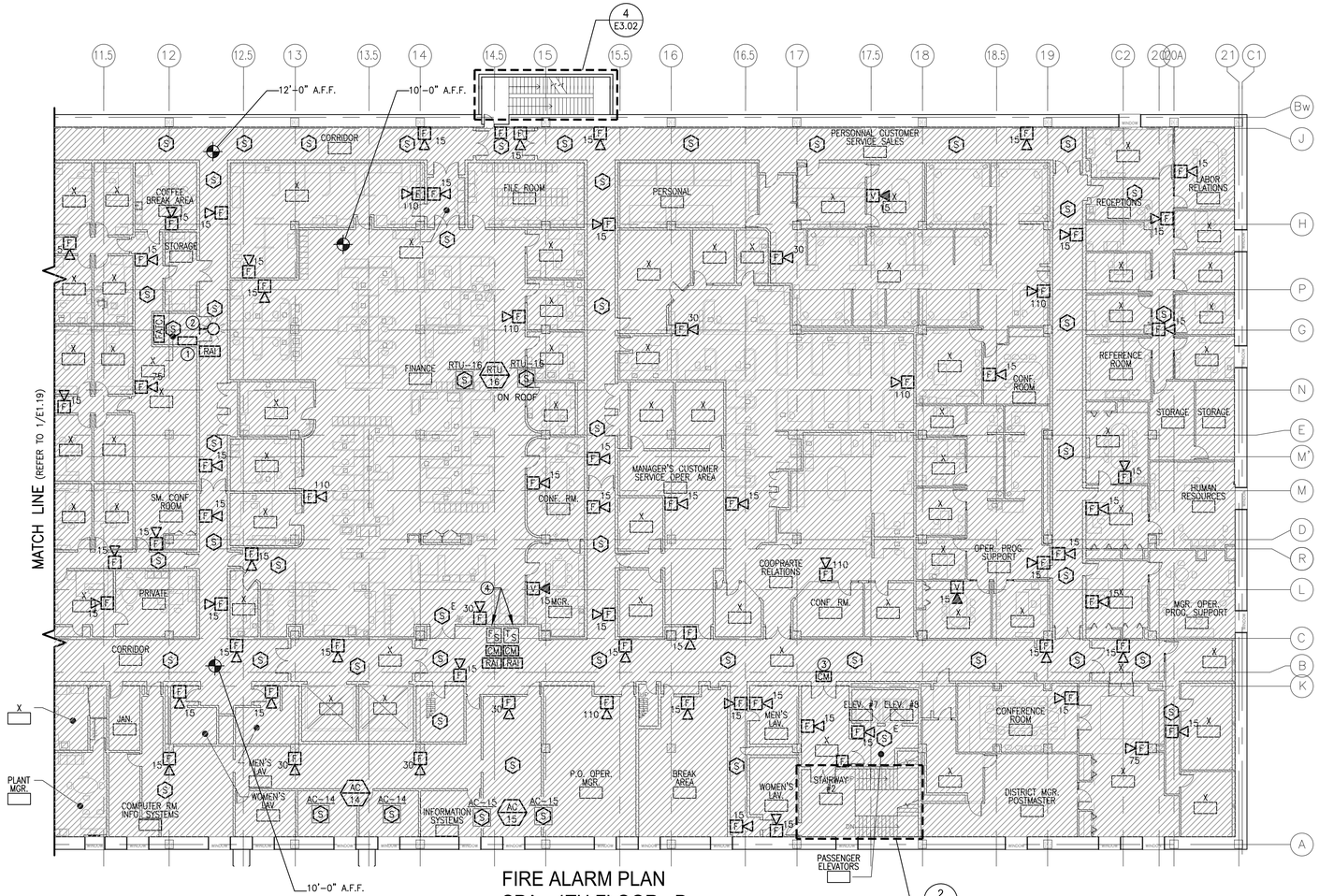
Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

E1.19

FIRE ALARM NEW WORK PLAN
SPA - 4TH FLOOR - C

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS:
DATE:



FIRE ALARM PLAN
SPA - 4TH FLOOR - D

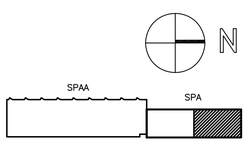
1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. FIREFIGHTER'S IN-BUILDING RADIO COMMUNICATION SYSTEM BI-DIRECTIONAL AMPLIFIER.
2. FIREFIGHTER'S IN-BUILDING RADIO COMMUNICATION SYSTEM FLUSH MOUNTED STROBE LIGHT AT 80" AFF FOR NOTIFICATION OF FAULT IN SYSTEM. PROVIDE ENGRAVED NAMEPLATE, RED WITH 1/4" WHITE TEXT TO READ – "FIRE DEPARTMENT RADIO SYSTEM FAILURE CALL [NAME AND TELEPHONE NUMBER OF EQUIPMENT MAINTENANCE CONTRACTOR] IMMEDIATELY".
3. EXISTING SECURITY DOOR EQUIPPED WITH MAGNETIC LOCK. PROVIDE NEW CONTROL MODULE TO UNLOCK DOOR UPON ACTIVATION OF FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER. REFER TO DETAIL ON DRAWING E0.02.
4. LOCATED ABOVE ACCESSIBLE HUNG CEILING. PROVIDE NEW REMOTE ALARM INDICATORS AT 6'-8" ADD WITH LABELS TO IDENTIFY RESPECTIVE INITIATING DEVICE.



4TH FLOOR KEY PLAN
SCALE: NOT TO SCALE

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COMMONWEALTH OF MASSACHUSETTS
BRIAN P. MORLEY
ELECTRICAL
No. 42511
REGISTERED PROFESSIONAL ENGINEER

UNITED STATES POSTAL SERVICE

UPGRADE FIRE ALARM SYSTEM
P&DC
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BOSTON, MA 02205

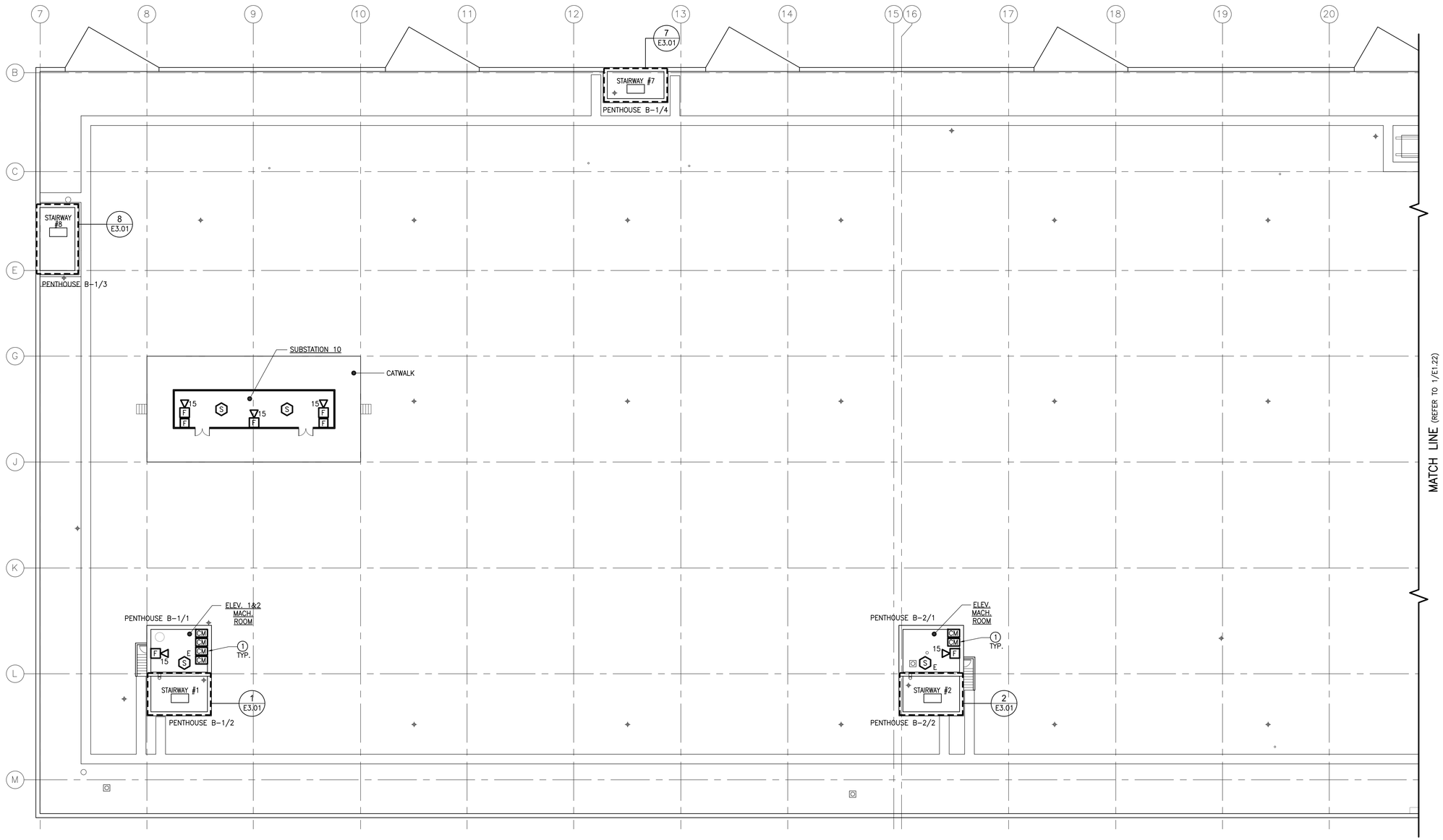
Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

E1.20

FIRE ALARM NEW WORK PLAN
SPA - 4TH FLOOR - D

REVISIONS: DATE:

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



FIRE ALARM PLAN
SPAA - ROOF - A

1

SCALE: 1/16"=1'-0"

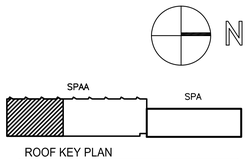
0 1/2" 1"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
4. CABLING SHALL BE UNIQUELY IDENTIFIED AND LABELED, AND A PERMANENT ACCURATE RECORD OF THE IDENTIFICATION AND USE OF EACH CABLE MUST BE MADE AT THE TIME OF INSTALLATION.
5. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED FOR IDENTIFICATION.
6. ALL 120V FIRE ALARM CIRCUITS SHALL BE TO A DEDICATED CIRCUIT BREAKER. BREAKER HANDLE SHALL BE PAINTED RED (DO NOT OBSCURE FACTORY LABELS). PROVIDE LOCKING DEVICE AND MINIATURE PADLOCK. UPDATE PANEL DIRECTORY TO READ: "FIRE ALARM CIRCUIT".
7. WITHIN WORKROOMS AND PLATFORMS, MAINTAIN CLEAR HEIGHT TO UNDERSIDE OF HORIZONTAL CONDUIT AND WIRING RUNS OF 20'-0" AFF MINIMUM, UNLESS NOTED OTHERWISE. EXPOSED VERTICAL WIRING SHALL BE MINIMUM ¾" CONDUIT OR OTHERWISE DIRECTED BY SYSTEM SUPPLIER, CONDUIT TYPE SHALL BE RIGID STEEL OR IMC, BELOW 10'-0" AFF.
8. ALL MAGNETIC DOOR HOLD-OPEN DEVICES SHALL BE POWERED THROUGH THE FIRE ALARM SYSTEM. ALL DOOR HOLDERS SHALL RELEASE UPON FIRE ALARM ACTIVATION OR LOSS OF NORMAL POWER.
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. PROVIDE CONTROL MODULES AS NECESSARY TO INTERFACE WITH ELEVATOR CONTROLS FOR PRIMARY AND ALTERNATE RECALL FLOORS.



ROOF KEY PLAN

SCALE: NOT TO SCALE

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BOSTON, MA 02205

06006-0300

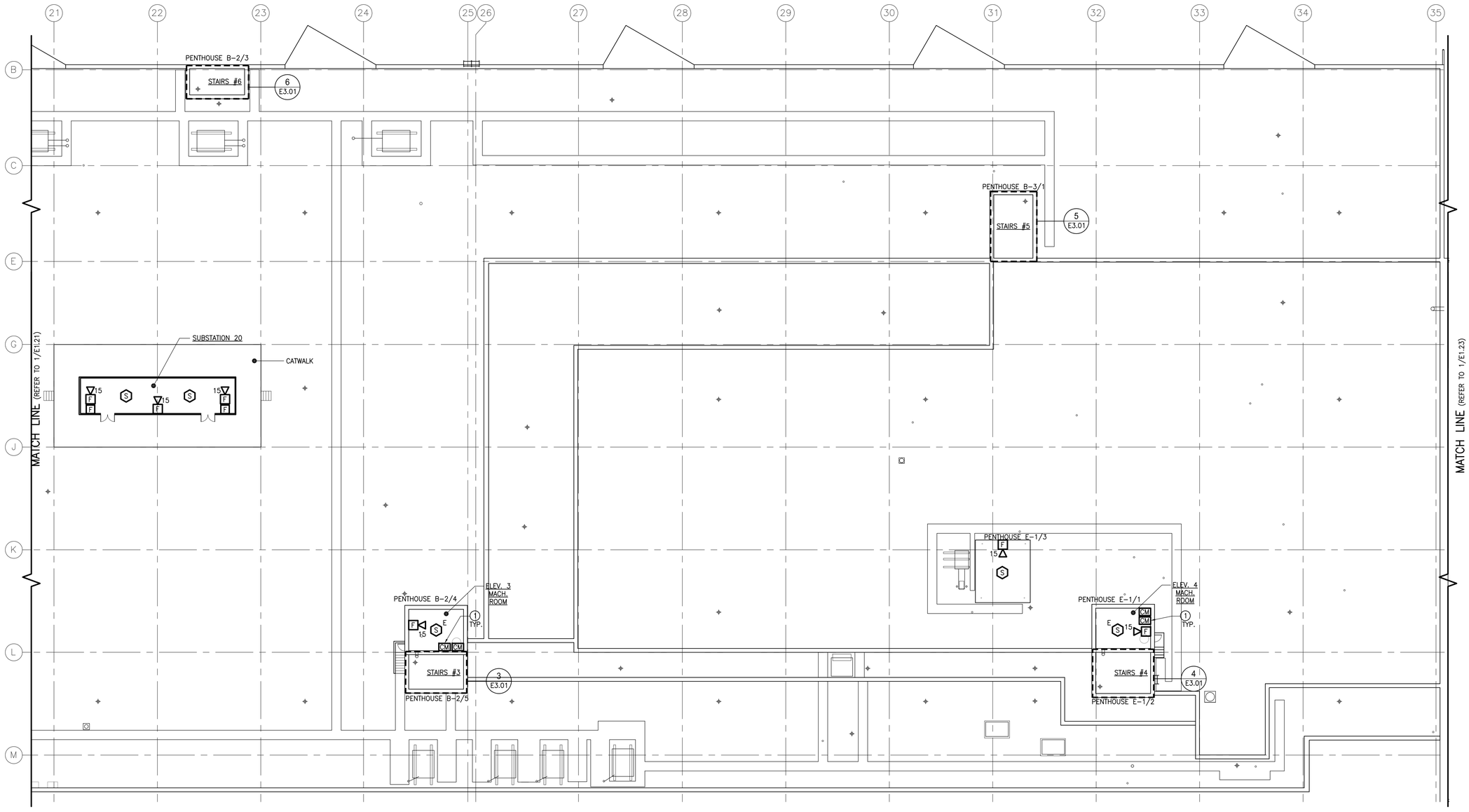
Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

E1.21

FIRE ALARM NEW WORK
SPAA - ROOF PLAN - A

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS:
DATE:



FIRE ALARM PLAN
SPAA - ROOF - B

1 SCALE: 1/16"=1'-0"

0 1/2" 1"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
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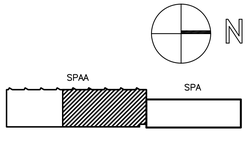
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1. PROVIDE CONTROL MODULES AS NECESSARY TO INTERFACE WITH ELEVATOR CONTROLS FOR PRIMARY AND ALTERNATE RECALL FLOORS.



ROOF KEY PLAN
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UNITED STATES POSTAL SERVICE

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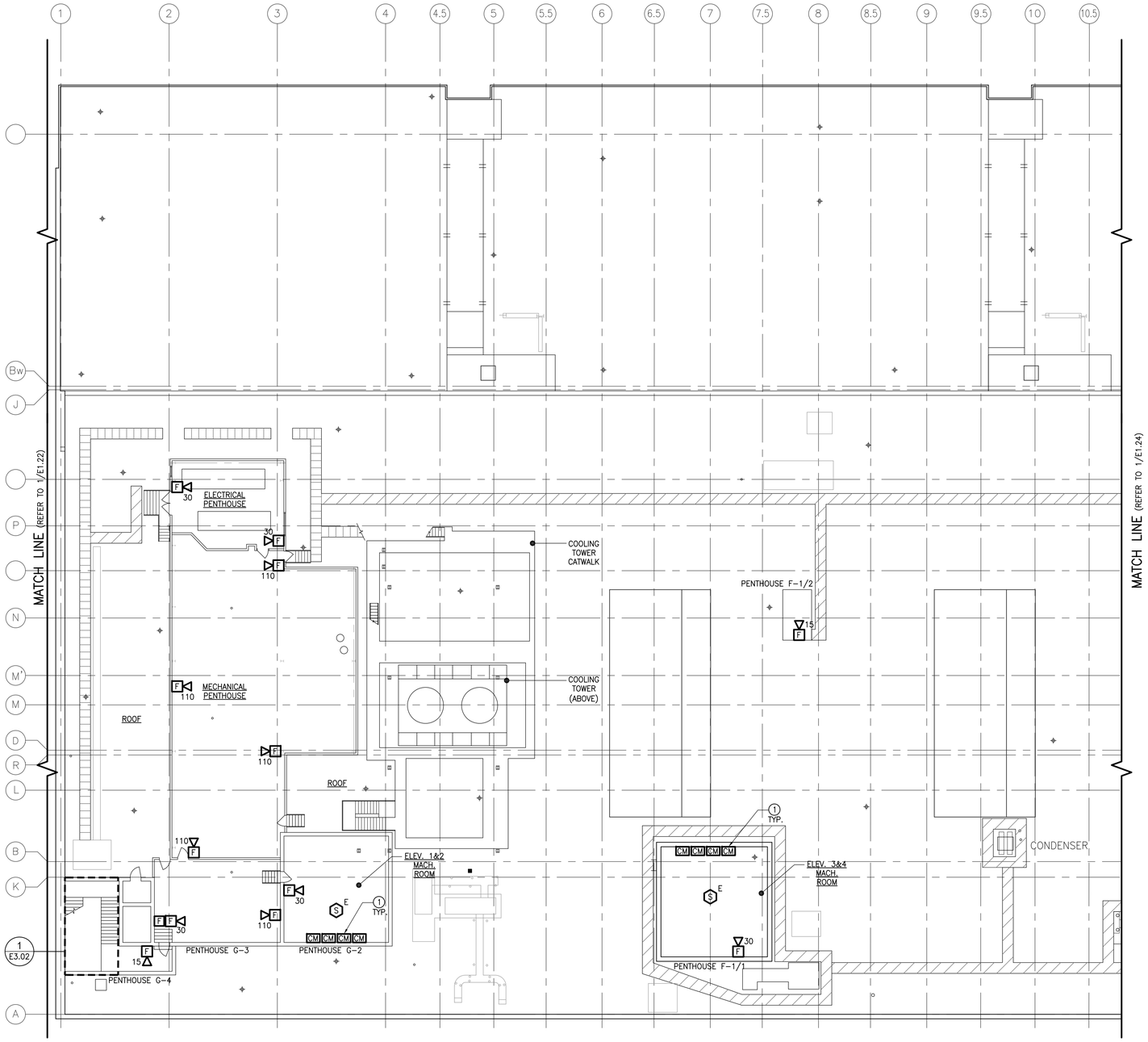
Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

E1.22

FIRE ALARM NEW WORK
SPAA - ROOF PLAN - B

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS:
DATE:



FIRE ALARM PLAN
SPA - ROOF - C

1 SCALE: 1/16"=1'-0"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
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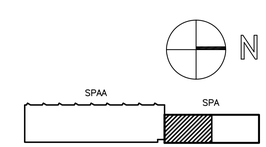
KEY NOTES

1. PROVIDE CONTROL MODULES AS NECESSARY TO INTERFACE WITH ELEVATOR CONTROLS FOR PRIMARY AND ALTERNATE RECALL FLOORS.



ROOF KEY PLAN
SCALE: NOT TO SCALE

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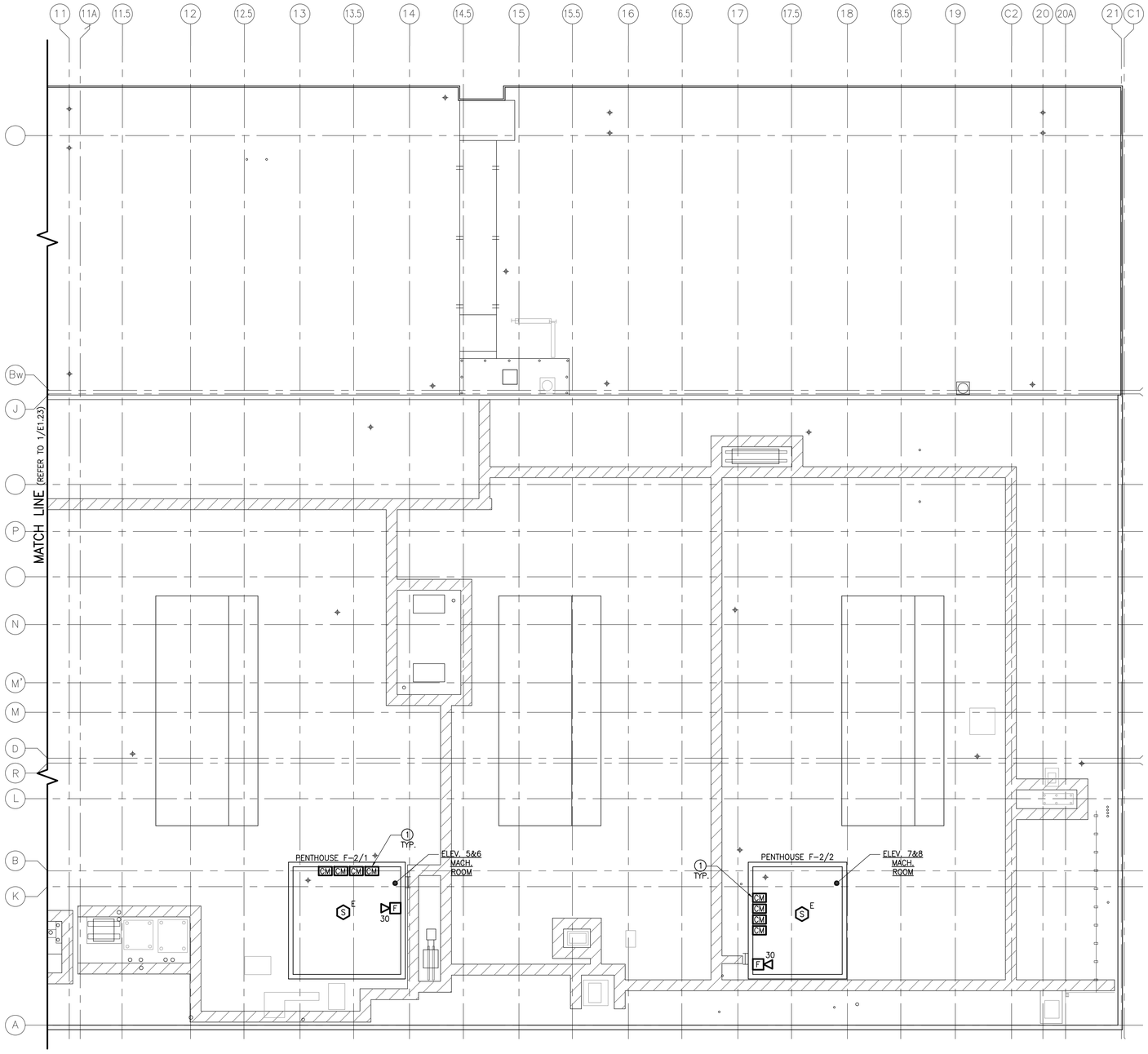
E1.23 FIRE ALARM NEW WORK
SPA - ROOF PLAN - C

SCALE: AS NOTED DATE: 03-08-17 REVISIONS: DATE:
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159



FIRE ALARM PLAN
SPA - ROOF - D

1 SCALE: 1/16"=1'-0"

0 1/2" 1"

FIRE ALARM NOTES

1. FOR LEGEND AND FIRE ALARM GENERAL NOTES REFER TO DRAWING E0.01.
2. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E4.01.
3. ALL FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH SYSTEM SUPPLIER'S RECOMMENDATIONS.
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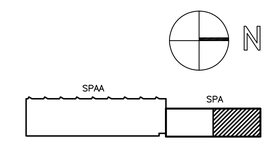
9. PROVIDE ALTERNATING SPEAKER CIRCUITS (MINIMUM OF TWO) ON EACH FLOOR/AREA.

KEY NOTES

1 PROVIDE CONTROL MODULES AS NECESSARY TO INTERFACE WITH ELEVATOR CONTROLS FOR PRIMARY AND ALTERNATE RECALL FLOORS.



ROOF KEY PLAN

SCALE: NOT TO SCALE

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COMMONWEALTH OF MASSACHUSETTS
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UPGRADE FIRE ALARM SYSTEM
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BOSTON, MA 02205

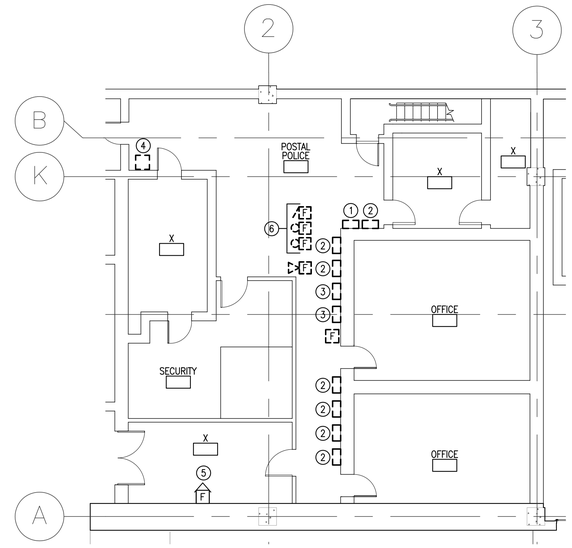
Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

E1.24

FIRE ALARM NEW WORK
SPA - ROOF PLAN - D

SCALE: AS NOTED
DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

REVISIONS:
DATE:



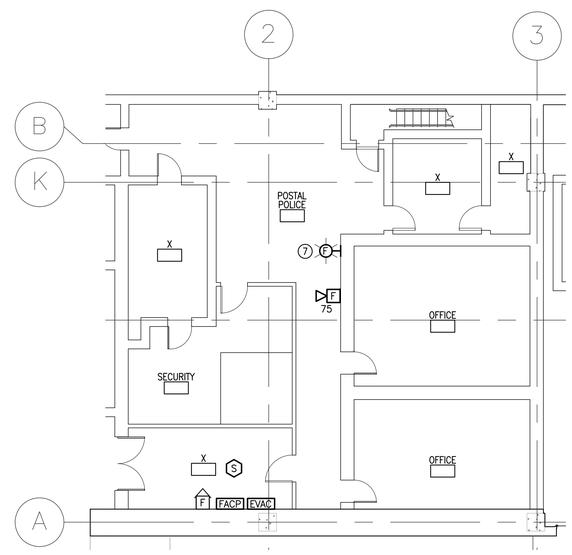
SPA FIRST FLOOR PART PLAN
POSTAL POLICE OFFICE - REMOVAL

1 SCALE: 1/8"=1'-0"

0 1/2" 1"

KEY NOTES

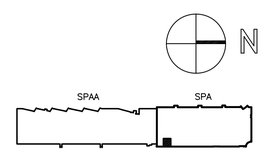
1. EXISTING FACP TO BE REMOVED.
2. EXISTING FATC TO BE REMOVED.
3. EXISTING GRAPHIC ANNUNCIATOR TO BE REMOVED.
4. EXISTING FIRE ALARM DOS-BASED COMPUTER WORKSTATION AND PRINTER TO BE REMOVED.
5. EXISTING MASTER BOX TO REMAIN.
6. EXISTING FIRE ALARM PRIORITY SIGNALS – CHIME, BELL, AND BUZZER – TO BE REMOVED.
7. FIREFIGHTER'S IN-BUILDING RADIO COMMUNICATION SYSTEM FLUSH-MOUNTED STROBE LIGHT, ℄ 80"AFF FOR NOTIFICATION OF FAULT IN SYSTEM. PROVIDE ENGRAVED NAMEPLATE, RED WITH ¼" WHITE TEXT TO READ – "FIRE DEPARTMENT RADIO SYSTEM FAILURE – CALL [NAME AND TELEPHONE NUMBER OF EQUIPMENT MAINTENANCE CONTRACTOR] IMMEDIATELY"



SPA FIRST FLOOR PART PLAN
POSTAL POLICE OFFICE - NEW WORK

2 SCALE: 1/8"=1'-0"

0 1/2" 1"



1ST FLOOR KEY PLAN

SCALE: NOT TO SCALE

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COMMONWEALTH OF MASSACHUSETTS
BRIAN M. MORLEY
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UNITED STATES POSTAL SERVICE

UPGRADE FIRE ALARM SYSTEM
P&DC
25 DORCHESTER AVENUE
BOSTON, MA 02205

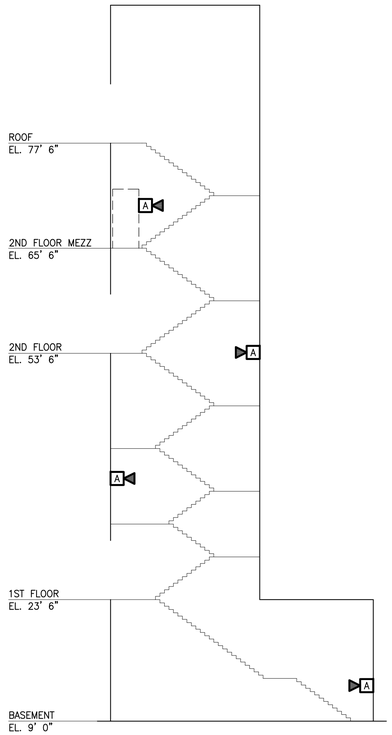
Windsor Facilities Service Office, 6 Griffin Road North, Windsor, CT 06006-0300

E2.01

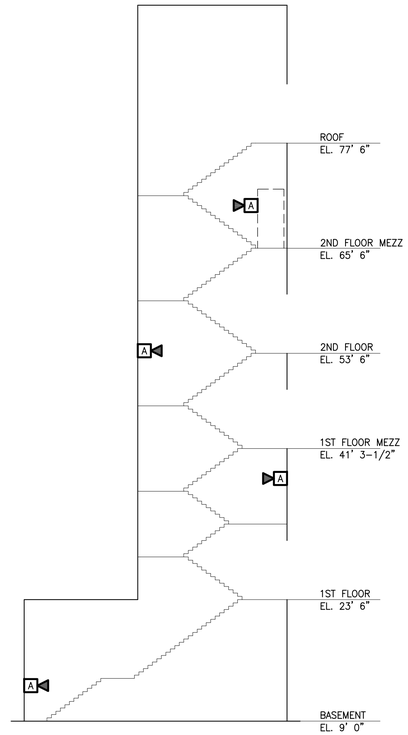
FIRE ALARM PARTIAL PLANS
SPA - 1ST FLOOR

SCALE: AS NOTED DATE: 03-08-17
A/E PROJECT NO.: 13038.00
USPS PROJECT NO.: B19159

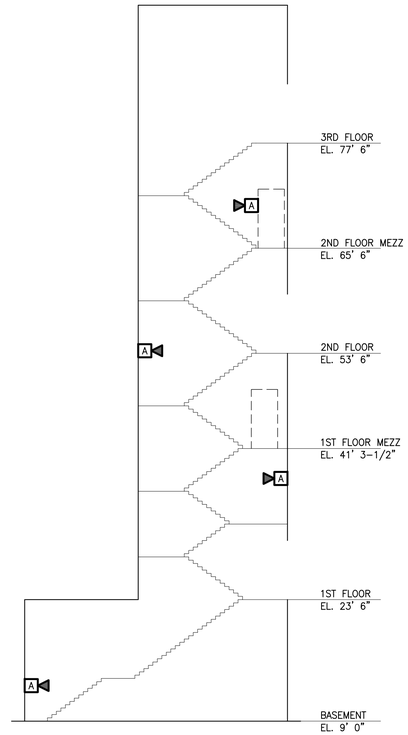
REVISIONS: DATE:



1 STAIR NO. 1
SCALE: NOT TO SCALE



2 STAIR NO. 2
SCALE: NOT TO SCALE



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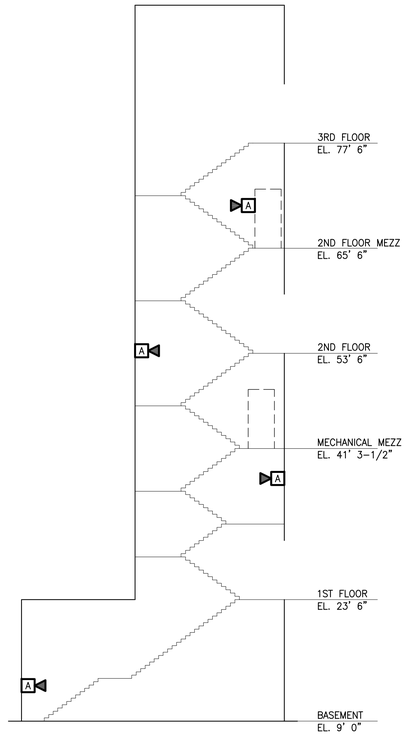
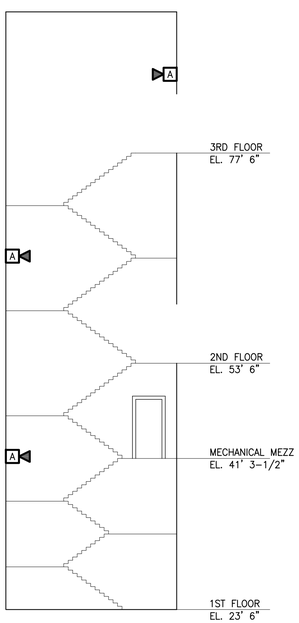
SCALE: NOT TO SCALE



4 STAIR NO. 4
SCALE: NOT TO SCALE



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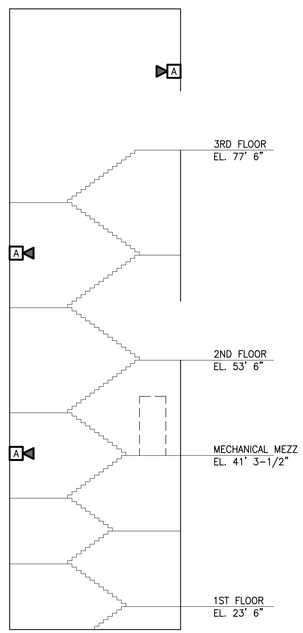
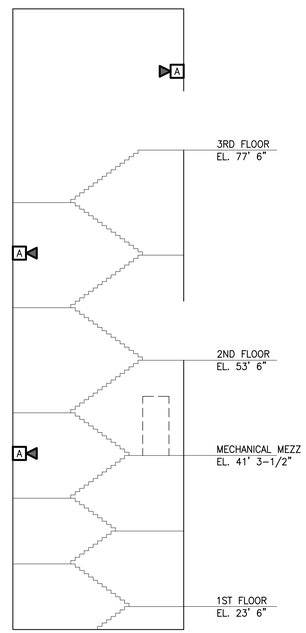
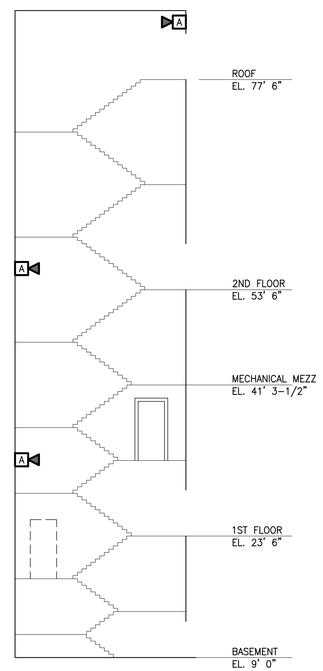
SCALE: NOT TO SCALE



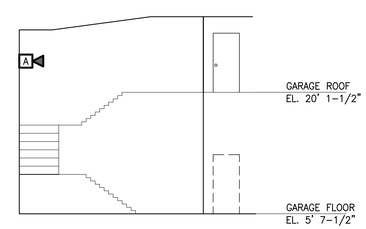
6 STAIR NO. 6
SCALE: NOT TO SCALE



7 STAIR NO. 7
SCALE: NOT TO SCALE



8 STAIR NO. 8
SCALE: NOT TO SCALE



9 STAIR NO. 9
SCALE: NOT TO SCALE

0 1/2" 1"

E3.01 STAIR SECTIONS SPAA

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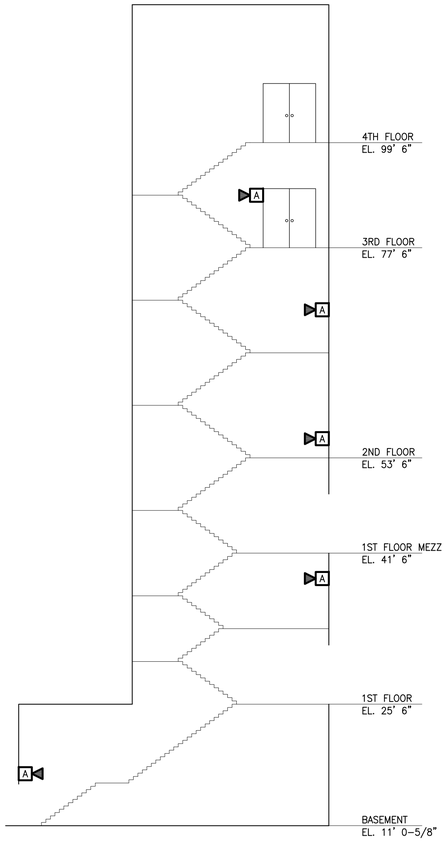
COMMONWEALTH OF MASSACHUSETTS
BRIAN M. MORLEY
ELECTRICAL
NO. 42574
REGISTERED PROFESSIONAL ENGINEER



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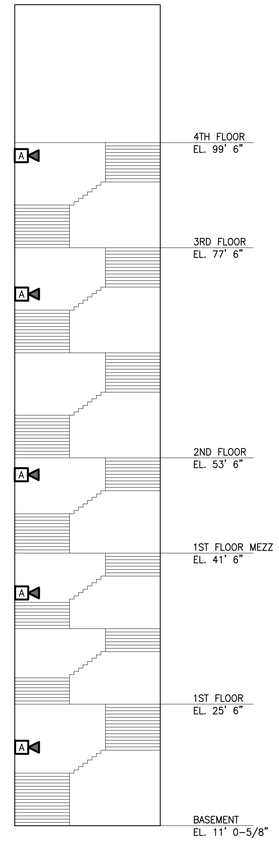

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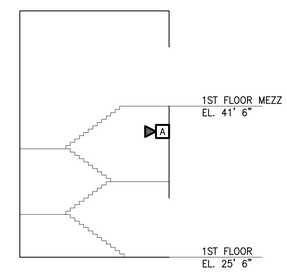

3 STAIR NO. 3

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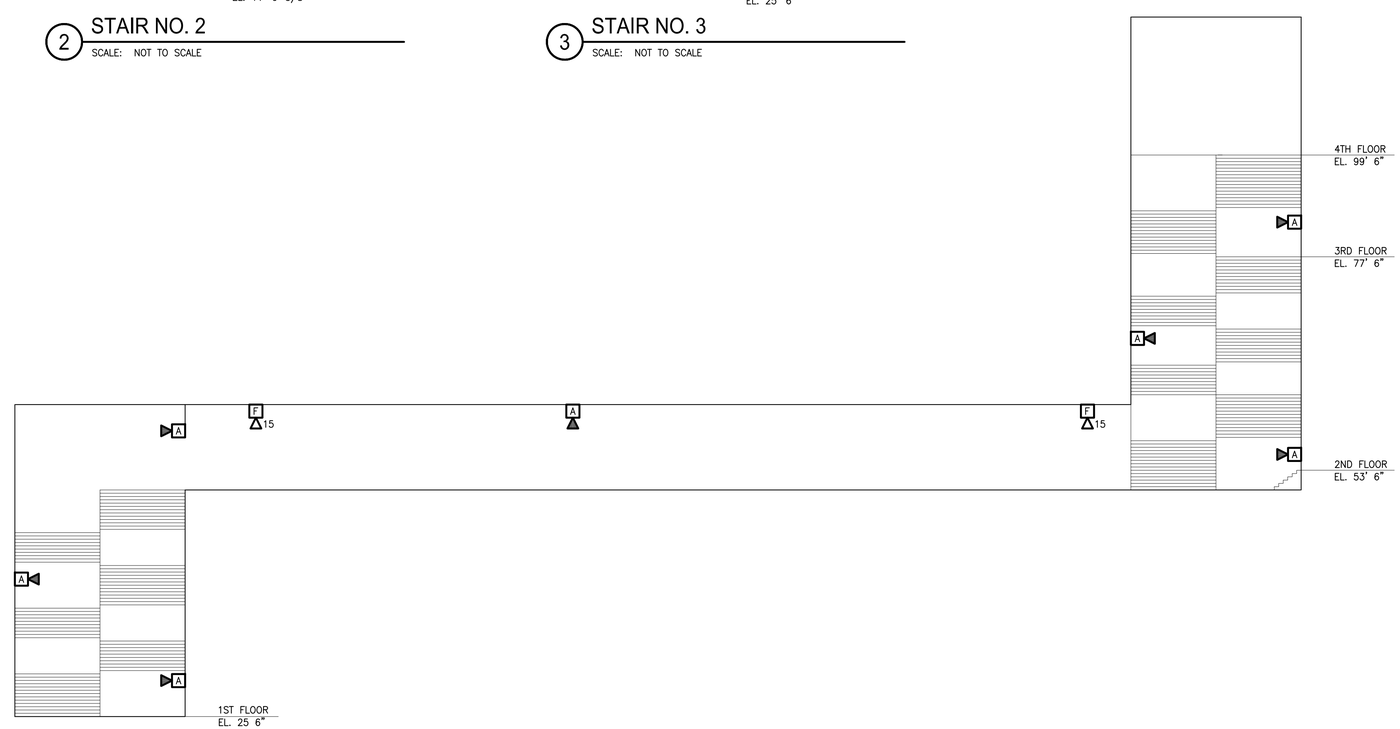

4 STAIR NO. 4,5,&6

SCALE: NOT TO SCALE

0 1/2" 1"

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E3.02 STAIR SECTIONS SPA

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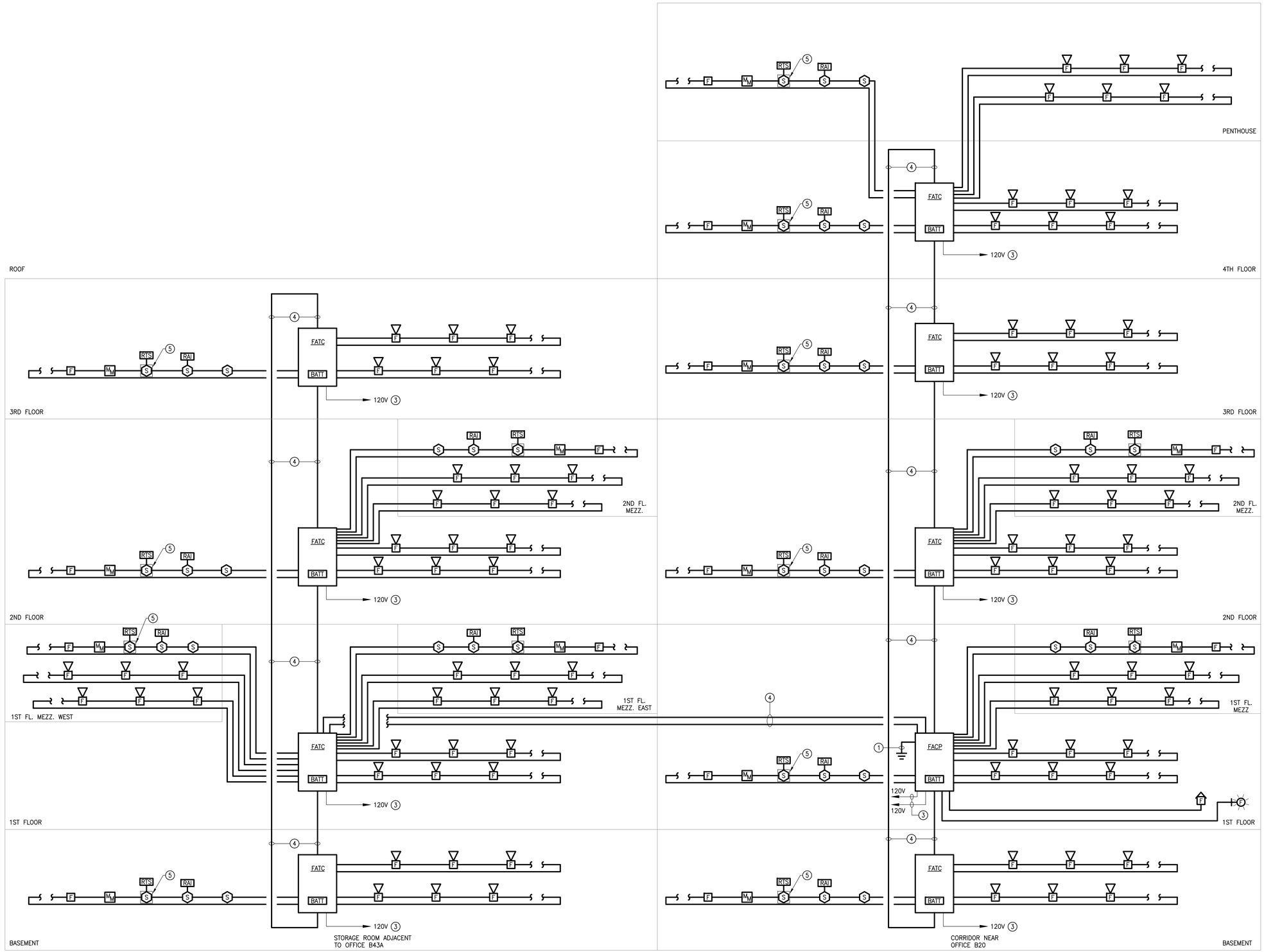

FIRE ALARM RISER DIAGRAM

1 SCALE: NTS

NOTES

1. REFER TO DRAWING E0.01 FOR LEGEND AND GENERAL NOTES.
2. FIRE ALARM SYSTEM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH FIRE ALARM MANUFACTURER'S RECOMMENDATIONS.
3. EXACT NUMBER OF DEVICES ARE NOT INDICATED ON RISER DIAGRAM. REFER TO FLOOR PLANS FOR LOCATIONS OF DEVICES. FIRE ALARM MANUFACTURER SHALL PROVIDE RISER DIAGRAM INDICATING ALL DEVICES WITH IDENTIFICATION NUMBER AS PART OF SHOP DRAWING SUBMITTAL. PROVIDE 25% FUTURE CAPACITY ON EACH FIRE ALARM LOOP.
4. REFER TO SPECIFICATION SECTION 283100 FOR ADDITIONAL INFORMATION REGARDING ADDRESSABLE FIRE ALARM SYSTEM.
5. PROVIDE TWO (2) SEPARATE ISOLATED ADDRESSABLE LOOPS FOR EACH FLOOR. PROVIDE MINIMUM OF TWO (2) AUDIO AND TWO (2) STROBE CIRCUITS FOR EACH FLOOR. CIRCUITS SHALL BE SERVED FROM SEPARATE CARDS IN FIRE ALARM CONTROL PANEL. A/V NOTIFICATION APPLIANCES SHALL BE ALTERNATELY WIRED THROUGHOUT THE FLOOR.
6. PROVIDE SIGNALS TO THE ELEVATOR CONTROLLER FOR ELEVATOR RECALL. COORDINATE WITH ELEVATOR SERVICE CONTRACTOR OF RECORD.
7. PROVIDE SIGNALS TO ALL ACCESS / EXIT DOOR LOCK POWER SUPPLY CABINETS TO UNLOCK THE DOORS.

KEY NOTES

1. GROUND – 1#6 – 3/4"C.
2. PROVIDE SHUT–DOWN SIGNAL TO ASSOCIATED AIR HANDLING UNIT.
3. 120 VOLT HOMERUN TO PANELBOARD. PROVIDE UL LISTED LOCKING DEVICE FOR CIRCUIT BREAKER AND LABEL AS "FIRE ALARM CONTROL CIRCUIT" IN PANEL DIRECTORY.
4. DATALINE CIRCUITS SHALL BE RUN USING CIC CABLE RUN IN MINIMUM 3/4"C. PROVIDE MINIMUM 10'–0" SEPARATION BETWEEN OUTGOING AND RETURN PATHS.
5. PROVIDE SHUT–DOWN SIGNAL TO ASSOCIATED AIR HANDLING UNIT. PROVIDE REQUIRED INTERPOSING RELAY.

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E4.01 FIRE ALARM RISER

SCALE: AS NOTED DATE: 03–08–17 REVISIONS: DATE:
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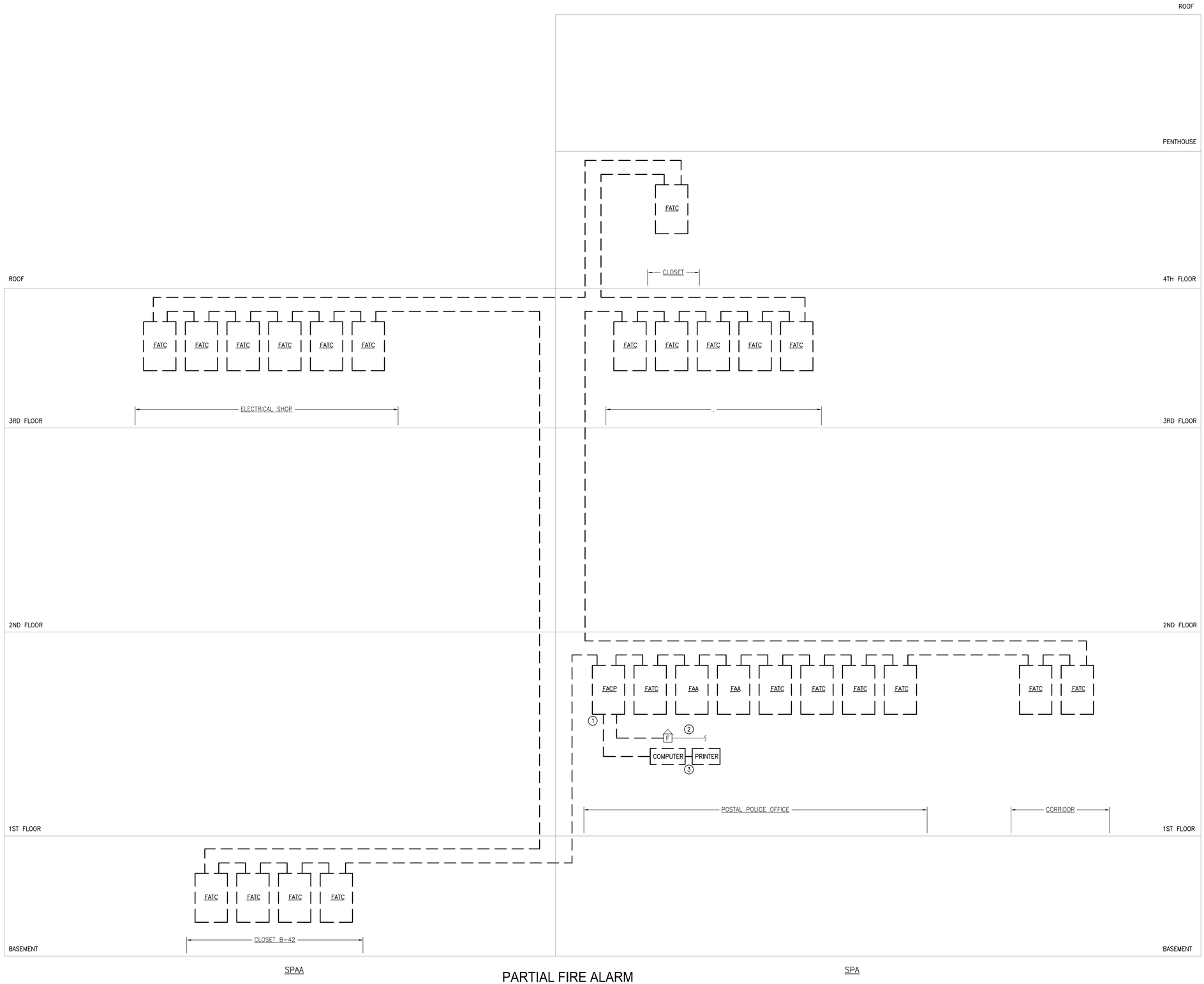

1 PARTIAL FIRE ALARM RISER DIAGRAM - REMOVAL

SCALE: NTS

KEY NOTES

1. EXISTING FIRE ALARM SYSTEM SHALL REMAIN OPERATIONAL DURING THE INSTALLATION, TESTING, AND APPROVAL OF NEW FIRE ALARM SYSTEM. REFER TO PHASING NOTES, FIRE ALARM GENERAL NOTES AND ELECTRICAL REMOVAL NOTES ON DRAWING E0.01 FOR ADDITIONAL REQUIREMENTS.
2. EXISTING CITY OF BOSTON FIRE ALARM MASTER BOX TO REMAIN AND SHALL BE RECONNECTED TO NEW FIRE ALARM SYSTEM.
3. DISCONNECT AND REMOVE EXISTING DESKTOP COMPUTER AND ASSOCIATED PRINTER.

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E4.02 PARTIAL FIRE ALARM RISER DIAGRAM - REMOVAL

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