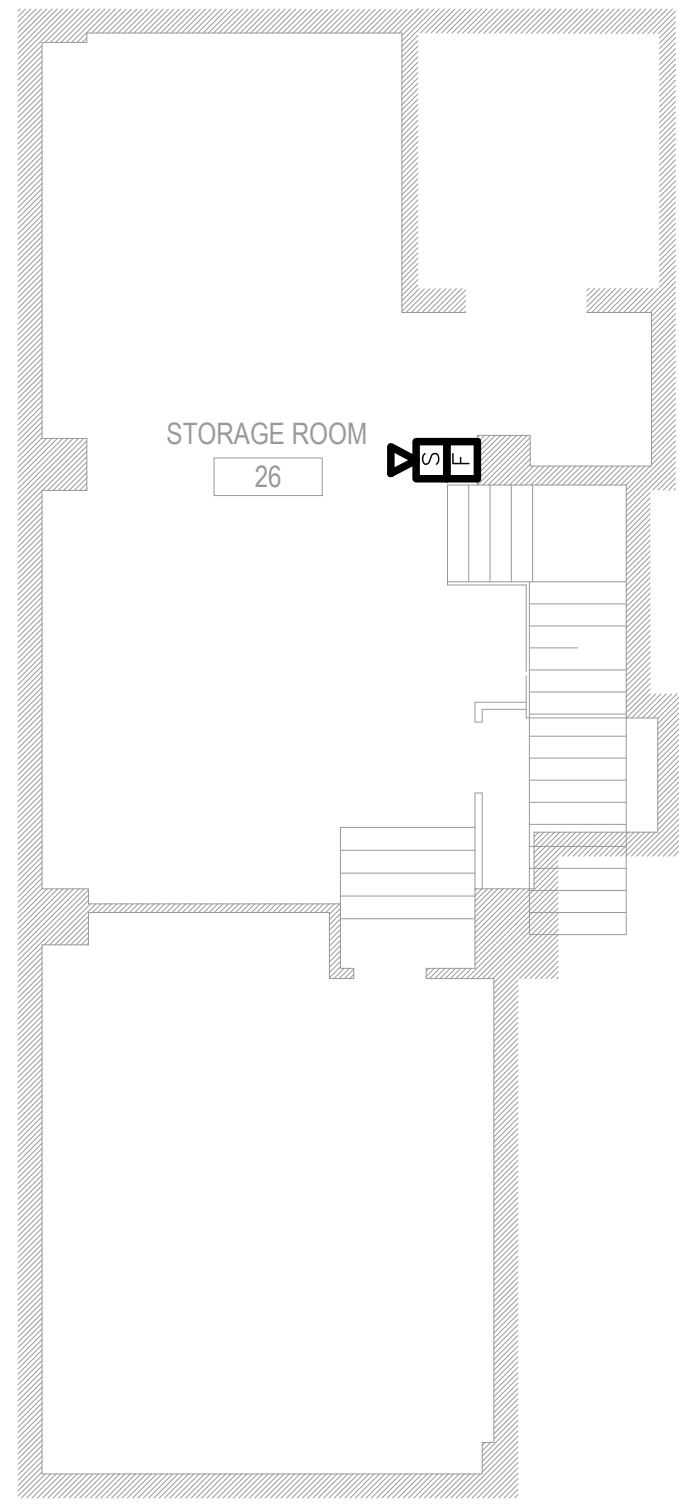


PLOT PLAN

ADDRESS	40 WALL STREET, NEW YORK, NY 10005	BIN	100101B
BLOCK	43	LOT	2
ZONE	C5-5	MAP No.	12B

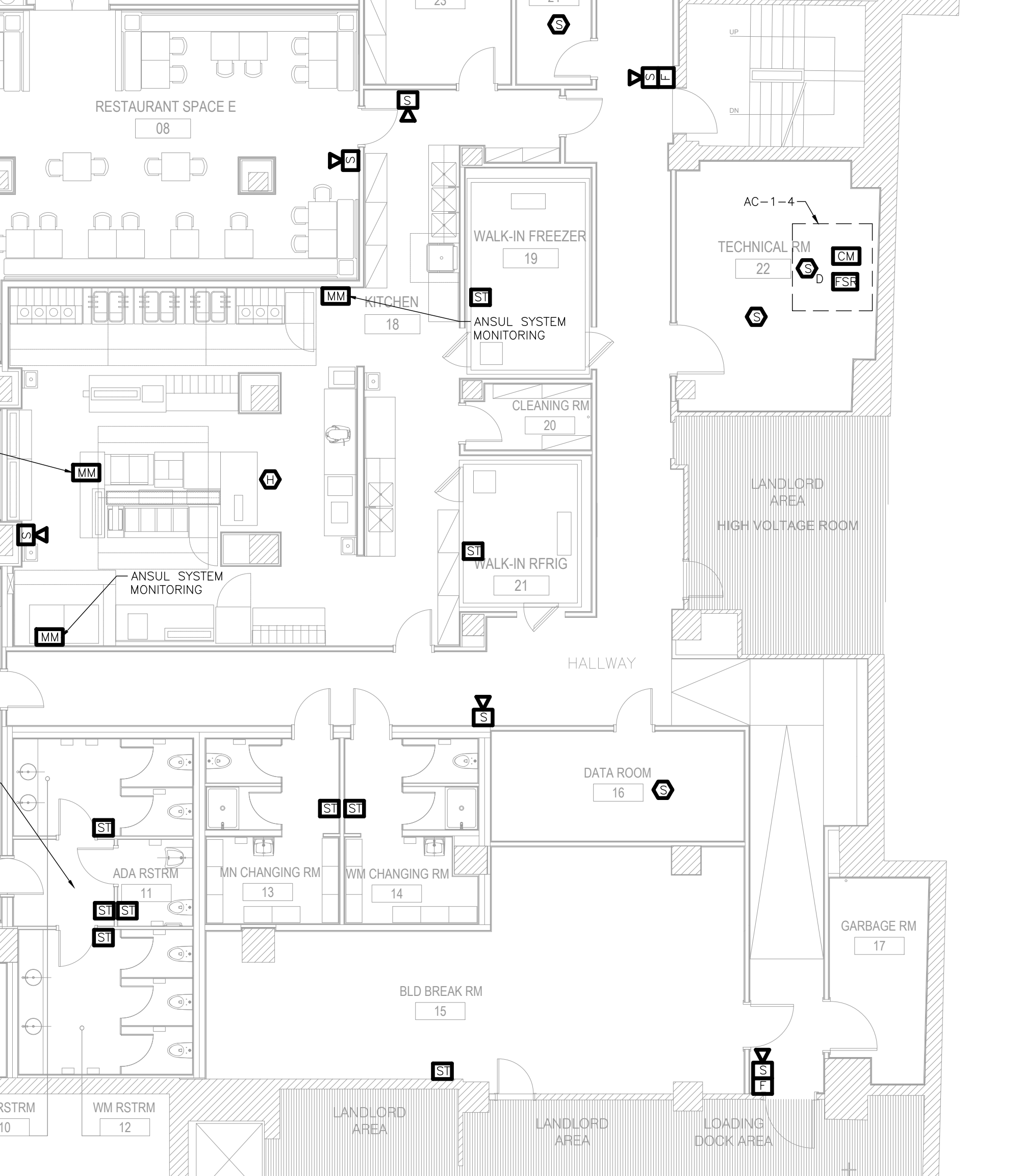
CONSTRUCTION CLASS: 1
 OCCUPANCY GROUP: A-2
 HEIGHT: 92'5"

SCOPE OF WORK IS UNDER EXEMPTIONS FOR LANDMARK APPROVAL AND THE EXTERIOR WILL NOT BE ALTERED IN ANY WAY.



CELLAR PLAN

SCALE: 1/8" = 1'-0"
 0 1 2 4 8



FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"
 0 1 2 4 8

THE SUBJECT PREMISE CONTAINS NO CO PRODUCING EQUIPMENT OTHER THAN KITCHEN EQUIPMENT.

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06		2022/12/30	BUILDING REVIEW REV

DOB filing

DOB ID number

PROJECT NAME

40 WALL STREET
 New York, NY 10005

SCALE:

DRAWING TITLE

**FIRE ALARM
 FIRST FLOOR PLAN**

SEAL & SIGNATURE

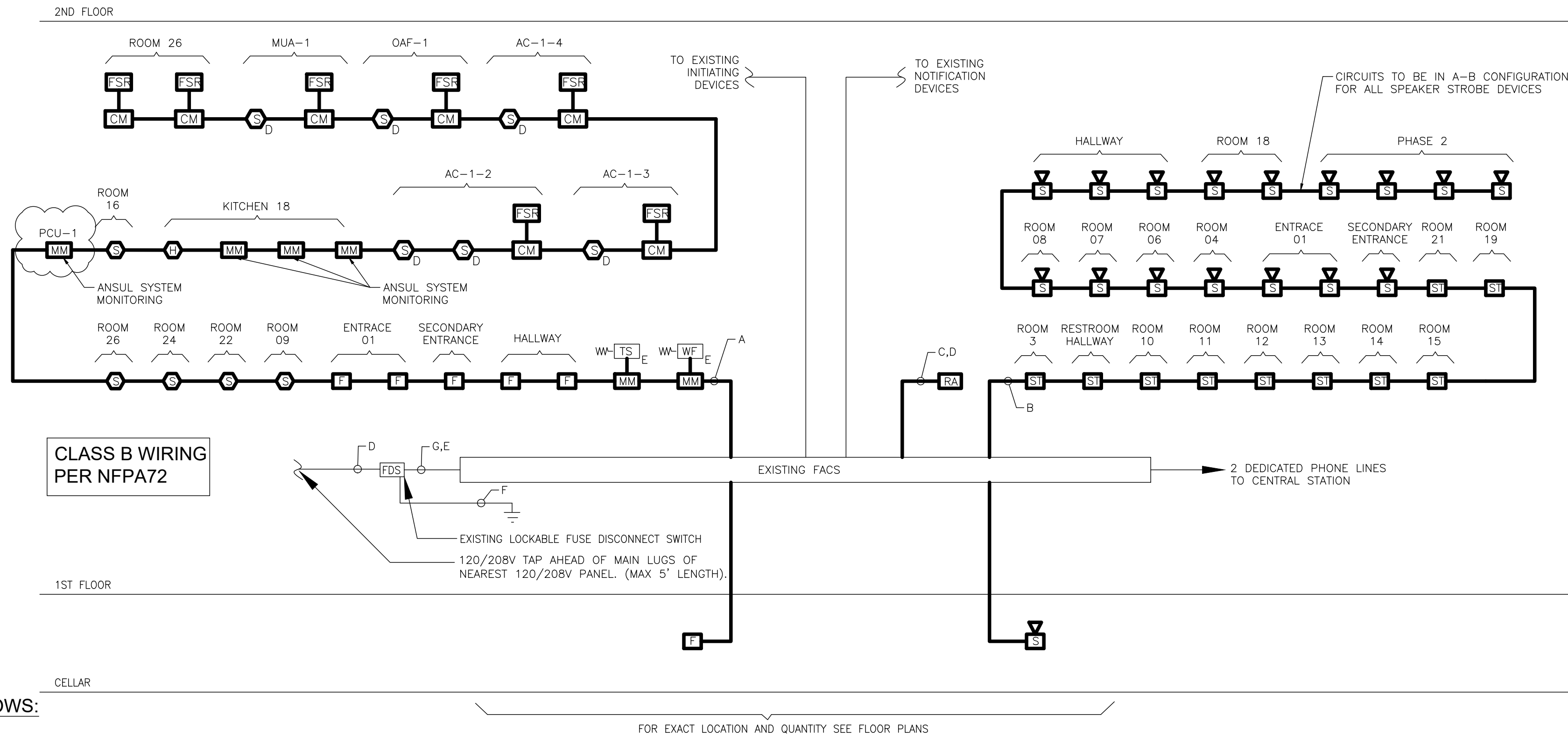
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PAGE

1 OF 2

FIRE ALARM SYSTEM SYMBOL LIST	
FACS	EXISTING ADDRESSABLE FIRE ALARM COMMAND STATION
	NEW SUPERVISED NYC APPROVED SMOKE DETECTOR.
	NEW SUPERVISED NYC APPROVED DUCT DETECTOR
	NEW SUPERVISED NYC APPROVED HEAT DETECTOR
	NEW ADDRESSABLE PULL STATIONS MOUNTED 48" A.F.F.
	EXISTING ADDRESSABLE PULL STATIONS MOUNTED 48" A.F.F.
	EXISTING FIRE ALARM DEVICE TO BE REMOVED
	NEW COMBINATION SPEAKER/STROBE STROBE LIGHT MOUNTED 80" A.F.F. OR 6" BELOW CEILING WHICHEVER IS LOWER.
	EXISTING COMBINATION SPEAKER/STROBE STROBE LIGHT MOUNTED 80" A.F.F. OR 6" BELOW CEILING WHICHEVER IS LOWER.
	END OF LINE RESISTOR
	NEW STROBE LIGHT MOUNTED 80" A.F.F. OR 6" BELOW CEILING WHICHEVER IS LOWER.
	NEW CONTROL MODULE
	NEW MONITOR MODULE
	EXISTING MONITOR MODULE
	NEW FIRE/SMOKE DAMPER RELAY
	EXISTING FUSED DISCONNECT SWITCH, WITH LOCK AND KEY, LABELED FUSED DISCONNECT SWITCH FOR FIRE ALARM SYSTEM ONLY.
	NEW FAN SHUT DOWN RELAY
	EXISTING WATER FLOW SWITCH
	EXISTING TAMPER SWITCH
	NEW CO DETECTOR WITH SOUNDER BASE
	NEW REMOTE ANNUNCIATOR PANEL



FIRE ALARM SYSTEM DIVISION OF WORK IS AS FOLLOWS:

- FIRE ALARM VENDOR WILL PROVIDE THE FOLLOWING INSTALLATION PACKAGE UNDER THIS CONTRACT:
 - FURNISH ALL DRAWINGS, MATERIAL AND PROGRAM CHANGES.
 - FILE DRAWINGS WITH NYDOB & NYFD.
 - COORDINATE INSPECTIONS WITH NYFD.
 - PROVIDE BUILDING OWNER WITH A LETTER ATTESTING THAT SAID SYSTEM(S) ARE FULLY OPERATIONAL PRIOR TO TENANT MOVE IN.
 - AS-BUILT FIRE ALARM MATRIX REQUIRED DURING INSPECTION.
 - WALK THRU PRIOR TO BID TO DETERMINE ALL REQUIRED ITEMS FOR A COMPLETE OPERATIONAL SYSTEM.
- ELECTRICAL CONTRACTOR SHALL:
 - PURCHASE EQUIPMENT, DRAWINGS AND FILING FROM BUILDING F.A. VENDOR.
 - INSTALL EQUIPMENT AND WIRE RUNS TO DESIGNATED POINTS PER VENDOR DRAWINGS.
 - FILE THE A-433 FORM FOR HIS WORK WITH THE NYFD.
 - PROVIDE A LETTER OF REQUEST FOR NYFD INSPECTION AND COORDINATE SAME WITH VENDOR.
 - CONTRACTOR SHALL BE AVAILABLE ON THE DATE OF ANY NYFD INSPECTION OR TEST OF SUCH SYSTEMS.
 - CONTRACTOR SHALL OBTAIN LETTER OF APPROVAL FROM FDNY.
 - CONTRACTOR RESPONSIBLE FOR ALL FEES, INCLUDING FILING AND FDNY INSPECTIONS.
 - WALK THRU PRIOR TO BID TO DETERMINE ALL REQUIRED ITEMS FOR A COMPLETE OPERATIONAL SYSTEM.
- TENANTS WILL NOT BE PERMITTED TO MOVE IN OR OCCUPY ANY AREAS UNTIL TENANT CLASS "E" SYSTEMS ARE COMPLETE AND BUILDING F.A. VENDOR CONFIRMS, IN WRITING, THAT THE SYSTEM(S) ARE OPERATIONAL.
- THE SYSTEM MUST BE KEPT OPERABLE IN THE AREAS OF EXISTING TENANTS WHEN AN ALTERATION IS PERFORMED ON A MULTI-OCCUPIED FLOOR. THIS MAY REQUIRE A TEMPORARY HOOK-UP DURING CONSTRUCTION.
- WHEN A FLOOR IS COMPLETELY DEMOLISHED, THE ESD (ELEVATOR LOBBY SMOKE DETECTORS), PULL STATIONS AND WARDEN STATIONS MUST REMAIN OPERATIONAL TEMPORARILY UNTIL SUCH TIME WHEN THESE DEVICES ARE PERMANENTLY INSTALLED. ESD'S SHALL BE INSTALLED AT THE HIGHEST POINT OF THE LOBBY CEILING.

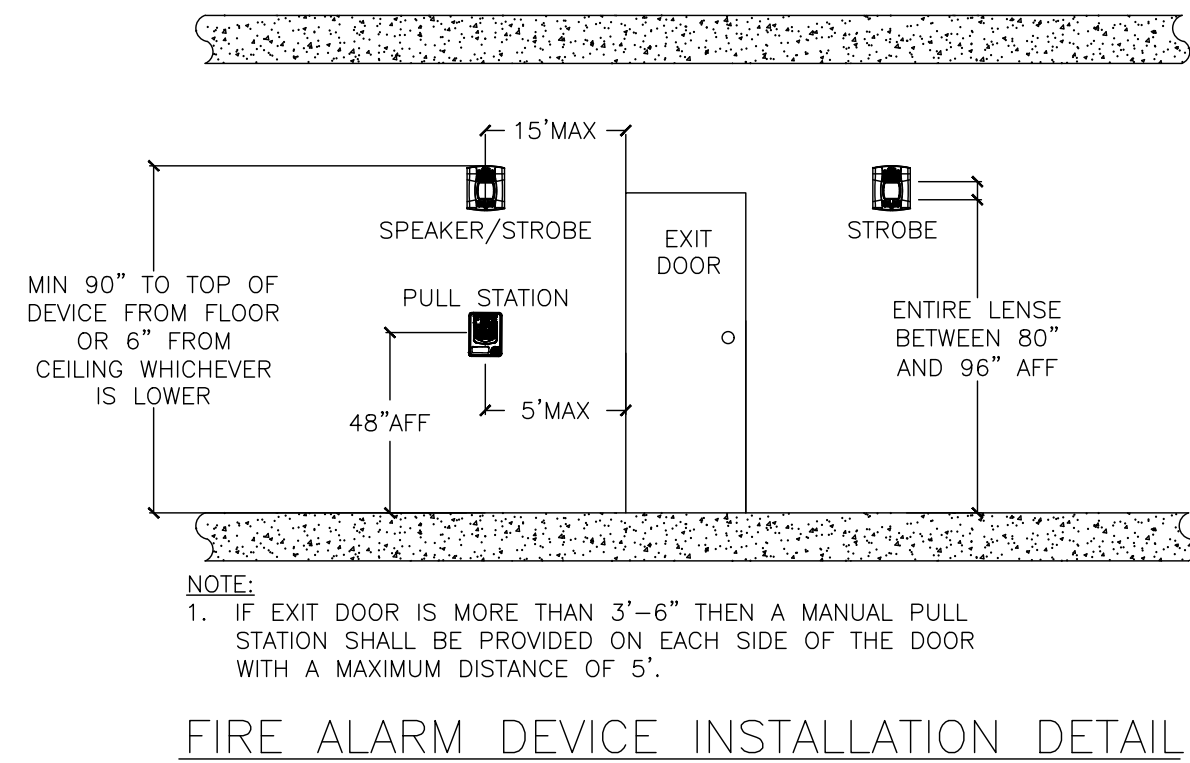
- NOTES:
- ALL FIRE ALARM CABLING SHALL BE SUPPORTED FROM BUILDING STRUCTURE AND NOT DEPEND ON CEILING MEDIA, PIPES, DUCTS, CONDUITS OR EQUIPMENT FOR SUPPORT. CABLING SHALL BE SECURED IN PLACE AT INTERVALS NOT EXCEEDING 5 FEET ON CENTERS AND WITHIN 12" EVERY ASSOCIATED CABINET BOX OR FITTING.
 - SUPPLY ALL MODULES, HARDWARE AND SOFTWARE REQUIRED FOR FULLY OPERATIONAL SYSTEM.
 - CONTRACTOR TO CONFIRM IF BOOSTER PANEL IS REQUIRED DURING BID WALKTHRU. PROVIDE IF REQUIRED AND INSTALL NEW DEVICES FROM BOOSTER AND NOT THE EXISTING CIRCUIT.
 - TEST DEVICES TO BE RELOCATED FOR FUNCTIONALITY AND REPLACE WITH NEW IF NOT FULLY FUNCTIONAL.
 - RISER DIAGRAM IS FOR REFERENCE ONLY AND IS NOT A POINT TO POINT WIRING SCHEMATIC. SUB TO WIRE ACCORDING TO NFPA72 STANDARDS AND MANUFACTURER'S SPECIFICATIONS.
 - PROVIDE CLASS B WIRING.
 - RUN A-B LOOPS FOR NOTIFICATION DEVICES.
 - TEST ALL SMOKE DETECTORS, ALL FIRE ALARM STATIONS, AND THE FIRE ALARM PANEL.

FIRE ALARM RISER DIAGRAM

FIRE ALARM SYSTEM WIRE LEGEND		
SYMBOL	WIRE TYPE	USE
A	2#16 AWG NYC CERTIFIED FPLP	DATA
B	2#14 AWG NYC CERTIFIED FPLP	STROBES/SPEAKERS/24VDC
C	2#14 AWG NYC CERTIFIED FPLP SHIELDED	SPEAKERS
D	2#12 AWG NYC CERTIFIED FPLP THHN SOLID	FDS
E	1#10 AWG NYC CERTIFIED FPLP THHN SOLID	EQUIPMENT GND
F	1#8 AWG NYC CERTIFIED FPLP THHN STRANDED	WATER GND
G	2#12 AWG NYC CERTIFIED FPLP THHN SOLID	PWR

OCCUPANCY: A2
 FIRE ALARM SYSTEM TYPE: MANUAL AND AUTOMATIC SMOKE/CO SPRINKLER FIRE ALARM SYSTEM W/VOICE ALARM AND CENTRAL STATION MONITORING
 ADDRESS: 40 WALL STREET, NEW YORK, NY 10005
 CODE SECTION: 2014 NYC BC 907

SYSTEM OUTPUTS INDICATING/CONTROLLED DEVICES	SYSTEM INPUTS INITIATING DEVICES													
	A	B	C	D	E	F	G	H	I	J	K	L	M	
MANUAL PULL STATION	●													
AREA SMOKE DETECTOR	●													
HEAT DETECTOR	●													
ANSUL SYSTEM MONITOR MODULE														
WATERFLOW SWITCH	●													
SPRINKLER CONTROL VALVE TAMPER SWITCH		●												
FIRE ALARM AC POWER FAILURE			●											
FIRE ALARM SYSTEM LOW BATTERY				●										
OPEN CIRCUIT					●									
GROUND FAULT						●								
NOTIFICATION APPLIANCE CIRCUIT SHORT							●							



FIRE ALARM NOTES:

- PRIOR TO BID, CONTRACTOR SHALL CONTACT THE BUILDING FIRE ALARM MAINTENANCE CONTRACTOR TO OBTAIN PRICES FOR THE EQUIPMENT AND SERVICES LISTED BELOW WHICH MUST BE PROVIDED BY THAT CONTRACTOR.
- ALL EQUIPMENT FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR AND SHALL BE PURCHASED FROM THE BUILDING FIRE ALARM MAINTENANCE CONTRACTOR TO ASSURE COMPATIBILITY WITH EXISTING FIRE ALARM SYSTEM.
- REPROGRAMMING OF FIRE COMMAND STATION AND FINAL CONNECTIONS AT THE FIRE COMMAND STATION OR DATA GATHERING PANEL ARE BY BUILDING'S FIRE ALARM MAINTENANCE CONTRACTOR. INCLUDE PRICE FOR SAME IN BID PRICE.
- INSTALL FIRE ALARM EQUIPMENT, FIRE ALARM SPEAKERS AND STROBE LIGHTS (ADA TYPE, 15/75 CANDELA) UNITS AT LOCATION INDICATED ON THE PLAN.
- CONNECT WIRES TO "2 WATT" TAP ON SPEAKER TRANSFORMER OR AS RECOMMENDED BY THE BUILDING'S FIRE ALARM MAINTENANCE CONTRACTOR. OPERATING VOLTAGE OF SPEAKER UNITS SHALL BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM.
- FIRE ALARM RECESSED CEILING MOUNTED SPEAKERS AND WALL MOUNTED (AT 80" A.F.F.) STROBE LIGHT UNITS OR COMBINATION SPEAKER/STROBE UNITS SHALL BE BASE BUILDING TYPE.
- ALL CABLING SHALL BE TEFLON INSULATED RATED AT 150°C AND JACKETED, FIRE PROTECTION SERVICE APPROVED, (1) PAIR # 14 AWG FOR STROBES AND "POINT" WIRING AND # 16 AWG FOR SPEAKERS. PROVIDE SHIELD WIRING WHERE REQUIRED.
- EXISTING BUILDING SYSTEMS ARE NOT SHOWN (UNLESS THEY ARE PART OF NEW INSTALLATIONS) AND SHALL REMAIN INTACT.
- ALL ROUTING OF CABLES TO FIRE COMMAND STATION SHALL BE DIRECTED AND APPROVED BY BUILDING MANAGER.
- THE FIRE ALARM RISER DIAGRAM SHOWN IS AN INDICATION OF THE WORK REQUIRED AND SHALL BE USED FOR ESTIMATING PURPOSES ONLY AND IS NOT A POINT-TO-POINT WIRING DIAGRAM. THE CONTRACTOR SHALL OBTAIN A POINT-TO-POINT WIRING DIAGRAM FROM THE BUILDING FIRE ALARM MAINTENANCE CONTRACTOR AND PERFORM ALL WORK IN ACCORDANCE WITH THAT DIAGRAM.
- THE OPERATION OF THE FIRE ALARM INSTALLATION DOES NOT CONSTITUTE AN ACCEPTANCE OF THE WORK BY THE OWNER. FINAL ACCEPTANCE IS TO BE MADE AFTER THE CONTRACTOR HAS DEMONSTRATED THAT THE WORK FULFILLS THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS AND HAS FURNISHED ALL REQUIRED CERTIFICATES OF APPROVAL FROM THE STATE AUTHORITIES, MUNICIPAL AUTHORITIES AND UNDERWRITERS.
- INCLUDE ALL FEES FOR FILING APPROVALS, AND SELF CERTIFICATION OF THE FIRE ALARM INSTALLATION.
- INSULATION OF FIRE ALARM CABLES SHALL BE MINIMUM 150" RATED.
- ALL EXISTING FIRE ALARM DEVICES TO REMAIN ACTIVE DURING DEMOLITION AND CONSTRUCTION.

FIRE ALARM SPECIFICATIONS

- NEW FIRE ALARM SYSTEM WORK
 - STROBE LIGHTS: PROVIDE 24 VDC, ADA APPROVED 15/75 CANDELA STROBE LIGHTS TO BE FLUSH WALL MOUNTED AS INDICATED ON THE DRAWINGS. PROVIDE DEVICE WITH WHITE LENS AND THE WORD "FIRE" ENGRAVED IN RED. NEW WALL MOUNTED FIRE ALARM STROBES SHALL MATCH EXISTING BUILDING FIRE ALARM STROBES AND BE WIRED TO THE EXISTING BUILDING FIRE ALARM SYSTEM ANNUNCIATION CIRCUITS IN TYPICAL "A-B" LOOPS.
 - FIRE ALARM SPEAKERS: NEW WALL MOUNTED FIRE ALARM SPEAKERS SHALL MATCH EXISTING BUILDING FIRE ALARM SPEAKERS AND BE WIRED TO THE EXISTING BUILDING FIRE ALARM SYSTEM ANNUNCIATION CIRCUITS IN TYPICAL "A-B" LOOPS.
 - COMBINATION SPEAKER/STROBE LIGHTS: PROVIDE WALL MOUNTED COMBINATION SPEAKER/STROBE LIGHTS IN LOCATION INDICATED ON THE DRAWINGS. PROVIDE DEVICE WITH WHITE LENS AND THE WORD "FIRE" ENGRAVED IN RED. MOUNT DEVICES 80" ABOVE FINISHED FLOOR OR 6" BELOW CEILING, WHICHEVER IS LOWER. SPEAKERS/STROBES SHALL BE WIRED FROM THE EXISTING BUILDING FIRE ALARM SYSTEM ANNUNCIATION CIRCUITS IN TYPICAL "A-B" LOOPS.
 - FAN SHUT DOWN: PROVIDE REQUIRED RELAYS FOR FAN SHUTDOWN IN ACCORDANCE WITH LOCAL LAWS NO. 5, 16, 58, RS 17-3, 3A, 3B, RS 17-5, RS 18-1 AND RS 13-1, AND AS INDICATED ON DRAWINGS. FANS THAT WERE SHUTDOWN DURING SMOKE/FIRE CONDITION MUST NOT AUTOMATICALLY RE-START OR BE RE-ENERGIZED UPON RESET OF FIRE ALARM CONTROL PANEL. A MANUAL MEANS OF RESTARTING THE FANS OR FAN SYSTEM SHALL FUNCTION INDEPENDENTLY FROM THE FROM THE MANUAL RESETTING OF EITHER THE AUTOMATIC FIRE DETECTING DEVICE OR FIRE ALARM SYSTEM.
 - CONTRACTORS SHALL BE HELD RESPONSIBLE FOR CONTACTING THE BUILDING FIRE ALARM SYSTEM VENDOR FOR ALL INTERCONNECTIONS OF NEW FIRE ALARM EQUIPMENT TO THE EXISTING BUILDING'S FIRE ALARM SYSTEM FOR REQUIRED MODULES, RELAYS, ADDITIONAL BATTERIES, ETC. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO COORDINATE THE EXTENT OF FIRE ALARM WORK WITH THE BUILDING VENDOR.
 - ALL NEW EQUIPMENT SHALL BE BUILDING STANDARD DEVICES AND BE IN COMPLIANCE WITH ALL LOCAL CODES.
- EXISTING AND/OR NEW FIRE ALARM SYSTEM WORK
 - WHERE NEW HUNG CEILING INTERFERES WITH EXISTING FIRE ALARM EQUIPMENT, OR IS LOCATED ON EXISTING WALLS TO BE DEMOLISHED, IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO NOTIFY BUILDING OWNER BEFORE REMOVING SUCH DEVICES AND TO MAINTAIN CONTINUITY OF SERVICE TO SUCH EQUIPMENT.
 - THE BUILDING MUST BE NOTIFIED WHEN ANY ALARM DEVICE ON A FLOOR IS DISARMED TEMPORARILY FOR CONSTRUCTION.
 - ELECTRIC WIRING FOR CLASS "E" SYSTEMS FOR RELOCATION OF SMOKE DETECTORS, SPRINKLER FLOW SWITCHES TAMPER SWITCHES, ETC. SHALL BE APPROVED BY THE FIRE DEPARTMENT. CONTRACTOR MUST FILE FORM A-433 APPLICATION FOR ELECTRICAL INSPECTION WITH THE FIRE DEPARTMENT. A WRITE-OFF MUST BE GIVEN TO THE BUILDING MANAGER AT THE COMPLETION OF THE JOB. NO ADDITIONAL DETECTORS, SWITCHES, ETC. MAY BE INSTALLED. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL FEES, INCLUDING NEW YORK FIRE DEPARTMENT INSPECTION.

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DOB filing
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PROJECT NAME
 40 WALL STREET
 New York, NY 10005

SCALE:

DRAWING TITLE

**FIRE ALARM
 RISER DIAGRAM,
 SYMBOL LIST,
 & NOTES**

SEAL & SIGNATURE DRAWING No.

FA-002.01

PAGE