

FIRE ALARM GENERAL NOTES:

- REFER TO FIRE ALARM SPECIFICATIONS FOR BASE BUILDING VENDOR DESIGN/BUILD-OUT REQUIREMENTS.
- DRAWINGS SHOW GENERAL LOCATION FOR ANNUNCIATION AND ACTIVATION OF DEVICES. CONTRACTOR TO COORDINATE WITH BASE BUILDING FIRE ALARM VENDOR FOR ALL SYSTEM ADDITIONS, UPGRADES, ETC. WHICH MAY BE REQUIRED BUT NOT BE FULLY REPRESENTED ON THESE PLANS. REFER TO SPECIFICATION SECTION FOR BUILD-OUT REQUIREMENTS.
- CONTRACTOR SHALL NOT REMOVE ANY EXISTING BASE BUILDING FIRE ALARM DEVICE WITHOUT THE APPROVAL OF BUILDING MANAGEMENT.
- MAINTAIN THE CONTINUITY OF THE EXISTING FIRE ALARM SYSTEM AND WIRING. IF DEVICES ARE REMOVED DURING DEMOLITION OR CONSTRUCTION, THEY MUST BE COMPLETELY FUNCTIONAL PRIOR TO OCCUPANCY. COORDINATE NEW OR RELOCATED DEVICES WITH FIRE ALARM VENDOR AND BUILDING MANAGEMENT.
- WHERE DEMOLITION IS TO TAKE PLACE IN THE AREAS OF THE BUILDING FIRE ALARM SAFETY EQUIPMENT SUCH AS ALARNS, SPEAKERS/STROBES, SMOKE DETECTORS, PULL STATIONS, ETC. BUILDING MANAGEMENT MUST BE NOTIFIED WITHIN (5) WORKING DAYS PRIOR TO START OF DEMOLITION SO THAT EQUIPMENT MAY BE PROTECTED OR REMOVED (BY CONTRACTOR IF NECESSARY).
- NEW FIRE ALARM DEVICES SHALL BE A MINIMUM OF 15 CANDELA PER ADA REQUIREMENTS.
- NEW FIRE ALARM SPEAKER/STROBE DEVICES SHALL BE WALL OR COLUMN MOUNTED AT A MINIMUM OF 80" ABOVE FINISHED FLOOR OR 6" BELOW HUNG CEILING WHICHEVER IS LOWER.
- CONTRACTOR SHALL TRACE AND REMOVE ALL EXISTING FIRE ALARM WIRING NO LONGER IN USE.
- CONTRACTOR SHALL VERIFY EXISTING FIRE ALARM WIRING MEETS CURRENT CODE REQUIREMENTS OR BUILDING STANDARDS AND SHALL REPLACE ALL EXISTING WIRING THAT IS NON-COMPLIANT.
- CONTRACTOR/FIRE ALARM VENDOR SHALL CONFIRM PRIOR TO BID THAT ALL DEVICES AND WIRING ARE CODE COMPLIANT. IF DEVICES AND WIRING ARE NOT CODE COMPLIANT THEN REPLACEMENT OF DEVICES AND WIRING SHALL BE INCLUDED IN BID. ADDITIONAL CLAIMS FOR CHANGES IN SCOPE TO REPLACE EXISTING DEVICES AFTER SUBMISSION OF BID WILL NOT BE ACCEPTED.
- ALL FIRE ALARM WIRING SHALL BE TERLON RED IN COLOR & APPROVED FOR USE BY NEW YORK STATE FIRE DEPARTMENT.
- IN THE ACCESSIBLE HUNG CEILING, FIRE ALARM WIRING CAN BE RUN EXPOSED OTHERWISE IN CONDUIT.
- ALL FIRE ALARM DEVICES AND EQUIPMENT MUST BE COMPATIBLE WITH THE EXISTING BASE BUILDING FIRE ALARM SYSTEM AND SHALL MATCH BASE BUILDING STANDARDS. COORDINATE WITH BUILDING FIRE ALARM VENDOR AND ARCHITECT FOR COLOR OF HORN/STROBE OR SPEAKER/STROBE DEVICES WHICH ARE TO HAVE WHITE FINISH.
- LOCATION OF DEVICES REQUIRE ARCHITECT & ENGINEER APPROVAL PRIOR TO INSTALLATION. CONTRACTOR TO LOCATE ALL DEVICES IN FIELD AND OBTAIN ARCHITECT SIGN-OFF PRIOR TO ANY ROUGHING OR INSTALLATION. ANY DEVICES INSTALLED WITHOUT ARCHITECT'S APPROVAL THAT ARCHITECT/ENGINEER REQUESTS TO BE RELOCATED, SHALL BE MOVED AT NO ADDITIONAL COST.
- ALL FIRE ALARM HORN/STROBE OR SPEAKER/STROBE DEVICES INSTALLED IN COMMON AREAS SHALL BE NO MORE THAN 50 FEET APART FROM ANOTHER DEVICE.
- ALL STROBE DEVICES WITHIN A GIVEN FIELD SHALL BE SYNCHRONIZED.
- SMOKE DETECTOR SHALL BE LOCATED AND INSTALLED MORE THAN 3 FEET AWAY FROM AN AIR SUPPLY DIFFUSER.
- ALL EXISTING DUCT DETECTORS AND FIRE SMOKE DAMPERS SHALL REMAIN UNLESS NOTED. COORDINATE WITH MECHANICAL DRAWINGS.
- ALL FIRE ALARM WIRING NEW OR EXISTING SHALL BE PROPERLY SUPPORTED BY THIS CONTRACTOR. ALL CABLING SHALL BE INDEPENDENTLY SUPPORTED FROM SLAB OR BEAMS AT A MINIMUM OF 5 FEET ON CENTER. PROVIDE BRIDAL RINGS OR OTHER APPROVED SUPPORT METHOD AS REQUIRED.
- ALL FIRE ALARM CABLING PASSING THROUGH NON-RATED SHEET ROCK WALLS SHALL PASS THROUGH WALLS INDEPENDENT OF DUCTS, MC CABLING, SECURITY CABLING, ETC. FIRE ALARM CABLING SHALL NOT TOUCH ANY OTHER SERVICE WHILE PASSING THROUGH WALLS. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES FOR CABLING THROUGH SHEET ROCK WALLS.
- ALL GAS PRODUCING EQUIPMENT SHALL BE SHUT OFF WHEN CARBON MONOXIDE DETECTORS GO INTO ALARM.

ABBREVIATIONS

(NOT ALL ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT)

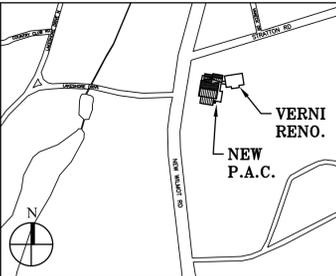
A	AMP/AMPERE	FT	FEET
ACU	AIR CONDITIONING UNIT	G, GND	GROUND
ADA	AMERICANS WITH DISABILITIES ACT	GEN	GENERATOR
AFF	FLOOR ABOVE FURNISHED	HZ	HERTZ
AHJ	AUTHORITIES HAVING JURISDICTION	IG	ISOLATED GROUND
AHU	AIR HANDLING UNIT	JB	JUNCTION BOX
AUGG	AMERICAN WIRE GAUGE	MAX	MAXIMUM
C, CDT	CONDUIT	MD	MOTORIZED DAMPER
CKT	CIRCUIT	MECH	MECHANICAL
CU	COPPER	MER	MECHANICAL EQUIPMENT ROOM
DGP	DATA GATHERING PANEL	MTD	MOUNTED
DWG	DRAWING	(N)	NEW
E	EXISTING TO REMAIN	NE	NEW TO REPLACE EXISTING
EC	ELECTRICAL CONTRACTOR	NIC	NOT IN CONTRACT
EF	EXHAUST FAN	NTS	NOT TO SCALE
ELEC	ELECTRICAL	FB	FULL BOX
EM	EMERGENCY	R	REMOVE EXISTING EQUIPMENT
(ER)	EXISTING TO BE RELOCATED	RCU	REMOTE COMPUTERIZED UNIT
FA	FIRE ALARM	RE	RELOCATED EXISTING (NEW LOCATION)
FBO	FURNISHED BY OTHERS, INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR	RM	ROOM
FCO	FUSED CUT OUT	SD	SMOKE DETECTOR
FCB	FIRE COMMAND STATION	SPEC	SPECIFICATION
FIBO	FURNISHED AND INSTALLED BY OTHERS, WIRED BY THE ELECTRICAL CONTRACTOR	TB	TERMINAL BOX
FSD	FIRE SMOKE DAMPER	TYP	TYPICAL
		UN	UNLESS OTHERWISE NOTED
		W	WIRE
		WP	WEATHERPROOF

GENERAL FIRE ALARM NOTES

- ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE WITH BUILDING FIRE ALARM MAINTENANCE VENDOR FOR TYPE OF FIRE ALARM DEVICES TO BE USED. ALL NEW DEVICES INSTALLED SHALL BE COMPATIBLE AND CONSISTENT WITH THE NEW OR EXISTING BUILDING FIRE ALARM SYSTEM INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL A CODE COMPLIANT FULLY FUNCTIONAL FIRE ALARM SYSTEM AS THE DESIGN DOCUMENTS INDICATE GENERAL INTENT OF AUDIO, VISUAL AND ACTIVATION OF DEVICES. ELECTRICAL CONTRACTOR SHALL INCLUDE IN THEIR BID ALL DEVICES REQUIRED BY LOCAL FIRE MARSHALL INCLUDING, BUT NOT LIMITED TO SMOKE DETECTORS, PULL STATIONS, WARDEN STATIONS, INTERFACE RELAYS, CONTROL PANELS, POWER BOOSTER PANELS, STROBE PANELS, ADDITIONAL AMPLIFIERS, ETC. CONTRACTOR AND VENDOR SHALL ALSO INCLUDE ALL COMPONENTS TO UPGRADE THE EXISTING BASE BUILDING SYSTEM EXPANSION INCLUDING, BUT NOT LIMITED TO, ADDITIONAL RELAY CARDS, STROBE BOOSTER PANELS, AMPLIFIERS, ETC.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH DEPARTMENT OF BUILDINGS DIRECTIVES, NATIONAL ELECTRICAL CODE ARTICLE 160 (NEC), NFPA STANDARDS (2010 NFPA 72) AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
- ELECTRICAL CONTRACTOR SHALL FILE APPLICATION FOR INSPECTION WITH THE TOWN OF NEW ROCHELLE FIRE PREVENTION. ELECTRICAL CONTRACTOR SHALL THEN ACCOMPANY THE FIRE MARSHAL DURING HIS INSPECTION OF THE SYSTEM. MAKE ALL ADJUSTMENTS REQUIRED BY THE FIRE MARSHAL RESULTING FROM ISSUANCE OF "NOTICE OF DEFECTS" AND REQUEST FOR ADDITIONAL INSPECTION REQUIRED UNTIL A NON-CONDITIONAL APPROVAL IS RECEIVED FROM THE FIRE MARSHAL.
- THE ELECTRICAL CONTRACTOR/FIRE ALARM VENDOR SHALL PROVIDE AN AUTOCAD AS BUILT DOCUMENT TO JMV CONSULTING ENGINEERS TO SIGN AND SEAL. DOCUMENTS REQUIRED FOR AS BUILT SIGN OFF, INSPECTION AND TO OBTAIN FINAL LETTER OF APPROVAL. THIS FILE SHALL INCLUDE AN "AS BUILT" DRAWING, STATEMENT OF OPERATION, NFPA PROGRAMMING MATRIX AND CONTRACTOR COMPLETION NOTE AND LOCATION FOR SIGNATURE. RISER DIAGRAM SHALL INCLUDE WIRING GAUGE AND QUANTITY. DEVICES SHALL BE DIVIDED INTO CIRCUITS AS INSTALLED IN FIELD. EACH DEVICE SHALL BE TAGGED WITH A REFERENCE FOR LOCATION IN FIELD (IE CLASSROOM, CONFERENCE ROOM, ELEVATOR LOBBY, ETC.) AUTOCAD FILE SHALL BE SUBMITTED TO JMV A MINIMUM OF TWO WEEKS PRIOR TO REQUEST FOR FINAL INSPECTION. IF A LETTER OF DEFECT IS ISSUED BY THE FIRE DEPARTMENT, THE CONTRACTOR SHALL CORRECT ALL ITEMS AND SUBMIT A SIGNED/SEALED CERTIFICATE OF CORRECTION TO THE NYC FIRE DEPARTMENT TO OBTAIN A FINAL LETTER OF APPROVAL AT NO ADDITIONAL COST TO OWNER. HARD COPIES FOR SIGNATURE BY JMV SHALL NOT BE ACCEPTABLE AS INFORMATION MUST BE PLACED ON JMV TITLE BLOCK FOR JMV SIGNATURE.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FILING DRAWINGS AND NECESSARY DOCUMENTATION FOR PERMIT PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS, INSPECTION FEES SHALL BE INCLUDED AS PART OF THIS CONTRACT.
- FIRE ALARM RISER DIAGRAM SHOWN IS FOR GENERAL ARRANGEMENT AND SHALL BE USED FOR ESTIMATING ONLY. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS AND OBTAIN POINT TO POINT WIRING DIAGRAM FROM BUILDING FIRE ALARM VENDOR PRIOR TO INSTALLATION THAT IS CONSISTENT WITH LOCAL FIRE MARSHALL OFFICE REQUIREMENTS.
- SUBMISSION OF BID ACKNOWLEDGES THAT ELECTRICAL CONTRACTOR HAS CONTACTED THE BASE BUILDING VENDOR AND HAS INCLUDED ALL COMPONENTS FOR A CODE COMPLIANT SYSTEM. ADDITIONAL CLAIMS FOR CHANGES IN VENDOR SCOPE OR ADDITIONAL DEVICES/COMPONENTS, UNLESS INITIATED BY TENANT, WILL NOT BE ACCEPTED.
- ALL PROGRAMMING MUST BE UNDERTAKEN BY THE BUILDING FIRE ALARM VENDOR AND ALL FINAL TERMINATIONS MUST BE SUPERVISED (AS A MINIMUM) BY A FIRE ALARM VENDOR TECHNICIAN. ELECTRICAL CONTRACTOR SHALL RETAIN BUILDING FIRE ALARM VENDOR FOR THIS SCOPE. ALL COST ASSOCIATED WITH CONNECTIONS AND REPROGRAMMING OF THE EXISTING FIRE ALARM SYSTEM TO BE PAID BY THIS CONTRACTOR, AND INCLUDED IN THE BASE BID.
- AT COMPLETION OF WORK, CONTRACTOR SHALL FORWARD FIRE ALARM CO DETECTION ACCEPTANCE LETTER, FINAL TESTING SIGNED RECORD OF COMPLETION OF TO THE FIRE MARSHAL, AHJ AS PER NFPA 72. COPY SHALL ALSO BE ISSUED TO FACILITIES MANAGEMENT. THE REQUIREMENT FOR NEW YORK DEPARTMENT OF STATE APPROVED FIRE/CO INSTALLER IS REQUIRED.
- ELECTRICAL CONTRACTOR/FIRE ALARM VENDOR SHALL SUBMIT FLOOR PLAN SHOP DRAWINGS INDICATING LOCATION OF ALL DEVICES, WIRING OF DEVICES, AND ALL CIRCUITS ON FLOOR SHOP DRAWING SHALL ALSO INDICATE LOCATION OF END OF LINE RESISTORS.
- ALL EQUIPMENT SHALL BE UL LISTED, SHALL MEET REQUIREMENTS OF NFPA 72 AND 90A. ALL APPLICABLE CODES AND LOCAL LAWS, AND BE INSTALLED AND CONNECTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. ALL FINAL CONNECTIONS TO BE MADE BY THIS CONTRACTOR WITH THE APPROVAL AND SUPERVISION OF THE BUILDING FIRE ALARM SYSTEM VENDOR.
- FIRE ALARM CABLES SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
 - A MINIMUM TEMPERATURE RATING OF 200°C
 - A MINIMUM AVERAGE INSULATION THICKNESS OF 5 MILS.
 - A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS.
 - THE COLOR OF THE CABLE SHALL BE RED.
 - THE CABLE SHALL BE TYPE FPLP (PLENIM TYPE)
 - THE CABLE SHALL BE VISIBLY MARKED EXTERNALLY "FIRE ALARM"
 - THE CABLE SHALL MEET THE ABOVE REQUIREMENTS AND HAVE UL 424 AND UL 910 LISTING.
 - CABLES SHALL BE APPROVED FOR LOCAL AHJ.
 - CABLES SHALL BE INSTALLED IN ACCORDANCE WITH DEPARTMENT OF BUILDINGS DIRECTIVES, NATIONAL ELECTRICAL CODE, NFPA STANDARDS AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
- ALL WIRING INCLUDING THE GROUNDING TO BE INSTALLED ACCORDING TO THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND PROTECT ALL FIRE ALARM HORNS, SPEAKERS, SMOKE DETECTORS, AND OTHER FIRE ALARM SAFETY DEVICES IN OPERATION AT ALL TIMES.
- IF ANY PORTION OF THE BUILDING LIFE SAFETY SYSTEM IS TAKEN OUT OF SERVICE, THE NEW ROCHELLE FIRE DEPARTMENT AND AHJ SHALL BE NOTIFIED. EVACUATION OF THE BUILDING OR A FIRE WATCH MAY BE REQUIRED PER 2021 NYC FC 2601.1. The requirement for new york department of state approved fire/CO alarm installer is required. ANYTIME A CONNECTION OR REMOVAL INVOLVING THE FIRE ALARM SYSTEM IS REQUIRED, THE CONTRACTOR SHALL CONTACT BUILDING OPERATIONS OR FACILITIES MANAGEMENT BEFORE TOUCHING ANY WIRE, COMPONENT OR DEVICE CONNECTED TO THE SYSTEM.

AS BUILT NOTE: FIRE ALARM VENDOR AND CONTRACTOR SHALL INCLUDE ALL EXISTING CORE DEVICES THAT ARE EITHER EXISTING TO REMAIN OR HAVE BEEN RELOCATED OR REPLACED ON THE AS BUILT RISER DIAGRAM FOR FINAL NEW ROCHELLE/FIRE MARSHAL INSPECTION.

- FIRE ALARM EQUIPMENT SHALL BE POWERED THROUGH AN APPROVED FUSE DISCONNECT CONNECTED AHEAD OF THE MAIN SERVICES SWITCH. FUSE DISCONNECT TO BE LOCATED WITHIN 5 FEET OF THE CONNECTION POINT, PAINTED RED AND SUPPLIED WITH A LOCK. ALL WIRING SHALL BE MINIMUM #12 AWG THAN OR EQUIVALENT FLUORINATED INSULATION (FIB) AND IN ACCORDANCE WITH LOCAL REQUIREMENTS. FUSES SHALL BE CARTRIDGE TYPE WITH A SOLID BAR COPPER NEUTRAL.
- ELECTRICAL CONTRACTOR MAY REUSE EXISTING HORN OR STROBE CIRCUITS ON THE FLOOR AS LONG AS THEY ARE CODE COMPLIANT AND IN A FULLY FUNCTIONING CONDITION. IF CIRCUITS ARE NOT ADEQUATE TO SUPPORT LOAD, PROVIDE A MINIMUM OF TWO (2) CIRCUITS FOR FIRE ALARM SYSTEM HORN/SPEAKERS AND A MINIMUM OF TWO (2) CIRCUITS FOR FIRE ALARM SYSTEM STROBES. CONNECT HORN/SPEAKERS AND STROBES ON ALTERNATING CIRCUITS SO THAT THE FAILURE OF ONE CIRCUIT WILL NOT DISABLE TOTAL ALARM AUDIBILITY THROUGHOUT THE FLOOR. DEVICES SHALL BE ALTERNATELY WIRED THROUGHOUT THE FLOOR SO THAT NO TWO DEVICES, ADJACENT TO EACH OTHER IN A GIVEN FIELD OF VIEW SHALL BE ON THE SAME CIRCUIT.
- ALL VISUAL FIRE ALARM STROBE DEVICES SHALL BE SYNCHRONIZED WITHIN A GIVEN FIELD OF VIEW.
- ALL NEW FIRE ALARM CABLE SHALL BE RUN PARALLEL AND PERPENDICULAR - NO DIAGONAL RUNS. SUPPORTS SHALL BE PROVIDED EVERY 5'-0" ON CENTER. CONTRACTOR SHALL RE-SUPPORT ALL EXISTING FIRE ALARM WIRING ON FLOOR TO ASSURE COMPLIANCE WITH 5'-0" ON CENTER SUPPORT REQUIREMENT.
- DO NOT RUN FIRE ALARM CABLE IN THE SAME RACEWAY WITH NON FIRE ALARM CABLE.
- NO CONDUITS ARE TO ENTER THE TOP OF A FIRE ALARM CONTROL PANEL REGARDLESS OF SYSTEM TYPE OR SIZE.
- AVOID INSTALLING FIRE ALARM CABLES NEAR SOURCES OF ALTERNATING CURRENT (LIGHTING, POWER, ETC.).
- ANY REQUIREMENTS FOR SHIELDING CERTAIN CONDUCTORS OR RUNNING THEM IN SEPARATE RACEWAYS SHALL BE AS RECOMMENDED BY THE MANUFACTURER'S DOCUMENTATION.
- ALL NEW EXPOSED TERLON WIRE SHALL BE SLEEVED AND SEALED AT ALL FIRE RATED WALL AND FLOOR PASSAGES. SEALANT SHALL BE 3M FIRE BARRIER CP-25
- OBSERVE ALL POLARITY ON ALL FIRE ALARM CIRCUITS. NO TIE TAPPING IS PERMITTED ON ALARM INDICATING CIRCUITS (STROBES, SPEAKERS, ETC.).
- ALL FIRE ALARM WIRE SHALL BE CLEARLY LABELED IN JUNCTION BOXES & CABINETS. CONDUCTORS IN CABINETS SHALL BE FORMED SO THAT THEY DROP OFF DIRECTLY OPPOSITE TO ITS TERMINAL CONNECTION. ALL TERMINALS SHALL BE NUMBERED AND LABELED IN EVERY CABINET.
- ALL FIRE ALARM PANELS, JUNCTION BOX COVERS, ETC. SHALL BE PAINTED "FIRE DEPARTMENT RED".
- DEVICE LOCATIONS MUST BE READILY ACCESSIBLE TO ALLOW FOR MAINTENANCE AND REPAIR.
- ALL FIRE ALARM DEVICES SHALL BE FLUSH MOUNTED, UNLESS OTHERWISE NOTED.
- PROVIDE OUTLET BOXES, ETC. FOR ALL DEVICES AS REQUIRED.
- ALL CEILING MOUNTED DEVICES MUST BE SECURELY FASTENED TO THE BUILDING STRUCTURE. ALL WALL-MOUNTED DEVICES SHALL BE SECURELY MOUNTED IN PLACE. PLASTIC ANCHORS ARE NOT ACCEPTABLE.
- ALL SMOKE DETECTORS USED FOR DOOR RELEASE SERVICE SHALL COMPLY WITH 2014 BUILDING CODE BC301 AND NFPA 72-2010.
- INSTALL SMOKE DETECTORS A MINIMUM OF 3'-0" FROM ANY SUPPLY OR RETURN OPENING.
- ALL DUCT MOUNTED SMOKE DETECTORS INSTALLED CONCEALED ABOVE HUNG CEILING, ETC. SHALL BE PROVIDED WITH A REMOTE LED IN CEILING PROVIDE A RAPID VISIBLE INDICATION OF THE DETECTOR LOCATION AND STATUS FROM THE OCCUPIED SPACE.
- PROVIDE REMOTE LED FOR FSD'S ABOVE HUNG CEILING. LED TO BE VISIBLE FROM CEILING SPACE TO INDICATE LOCATION/OPERATION.
- SPEAKERS SHALL BE TAPPED TO PROVIDE 5dB ABOVE THE AMBIENT NOISE LEVEL UNLESS OTHERWISE NOTED. SPEAKERS SHALL BE TAPPED AT 1/4 WATT MINIMUM IN OFFICE AREAS. CONTRACTOR SHALL PERFORM SOUND POWER TESTING BEFORE AND AFTER THE INSTALLATION IS COMPLETE AND SHALL ADJUST TAP SETTINGS AS REQUIRED TO OBTAIN THE REQUIRED SOUND LEVEL.
- HORN OR SPEAKER/STROBE UNITS SHALL NOT HAVE ANY OTHER DEVICES OR APPARATUS WITHIN FIVE (5) FEET OF DEVICE.
- HORN/STROBES OR SPEAKER/STROBE DEVICES SHALL BE INSTALLED IN ALL COMMON AREAS SO THAT NO SPACE IS MORE THAN 50 FEET FROM A SPEAKER STROBE.
- STROBE DEVICES SHALL BE PROVIDED WITH 80/15 /10 FIELD ADJUSTABLE CANDELA RATING TO MATCH REQUIRED CANDELA RATING WITH SPACE DEVICES IS LOCATED IN. CANDELA RATING SHALL BE FIELD ADJUSTED BY FIRE ALARM VENDOR DURING SYSTEM PRE-TEST, PRIOR TO FIRE MARSHAL INSPECTION.
- ALL FIRE ALARM HORNS TO BE RELOCATED DUE TO RENOVATION SHALL BE MOVED UNDER THE DIRECT SUPERVISION OF BUILDING OPERATIONS OR FACILITIES MANAGEMENT. CONNECTIONS ON SPEAKERS SHALL BE SOLDERED, TAPED AND IN JUNCTION BOXES PAINTED RED.
- ALL WIRING TO BE CHECKED TO INSURE THAT THEY ARE FREE OF ANY OPENS, SHORTS OR GROUND.
- END OF LINE RESISTOR LOCATIONS SHALL BE PERMANENTLY LABELED, INSTALLED DEVICE IN FIELD.
- STROBES SHALL BE WIRED SO THAT THEY REMAIN ACTIVE AFTER SILENCE FUNCTION IS PERFORMED.
- SHUTDOWN OF A/C UNITS ON FLOOR SHALL BE PERFORMED VIA A RELAY INTERFACE WITH THE FIRE ALARM SYSTEM. COMPUTER ROOM A/C UNITS SHALL ONLY BE SHUTDOWN UPON ACTIVATION OF UNITS DUCT MOUNTED DETECTOR EACH UNIT. PROVIDE REQUIRED COMPONENTS IN A NEMA-1 ENCLOSURE PAINTED RED WITH A MOMENTARY PUSHBUTTON, PROVIDED AN ENGRAVED NAMEPLATE READING "A/C UNIT RESTART". RESTART BUTTON SHALL BE LOCATED ADJACENT TO UNIT SERVED. FANS SHALL ALSO HAVE THE CAPABILITY TO BE RESTARTED FROM THE BUILDING FIRE ALARM CONTROL PANEL.
- AFTER ALARM INDICATION ALL FANS SHALL BE MANUALLY RESET INDEPENDENT OF FACP RESET.
- AFTER THE SYSTEM MODIFICATIONS ARE COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE INSPECTION.
- THE SYSTEM SHALL BE PRE-TESTED IN THE PRESENCE OF THE OWNER DURING NON BUSINESS HOURS AS PART OF THE CONTRACT. INSTALLER SHALL BE RESPONSIBLE FOR PROVIDING A SYSTEM ACCEPTABLE TO THE OWNER AND SHALL PROVIDE ANY ADDITIONAL TESTING AND ADJUSTING AT NO ADDITIONAL COST TO THE SATISFACTION TO THE OWNER. AFTER SUCCESSFUL COMPLETION OF PRE-TEST, CONTRACTOR SHALL SCHEDULE A FIRE DEPARTMENT INSPECTION.
- 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 HAD FURNISHED ALL REQUIRED CERTIFICATES OF APPROVAL FROM THE STATE AUTHORITIES, MUNICIPAL AUTHORITIES AND UNDERWRITERS.



Key Plan (not to scale)

No.	Date	Revision/Submission
7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	6/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

STRUCTURAL & SITE CIVIL ENGINEER
 DOMINICK R PILLA
 ASSOCIATES, P.C.
 143 MAIN STREET
 NYACK, NY 10960
 845-727-7793

MEP ENGINEER
 JMV CONSULTING
 ENGINEERING, P.C.
 37 W. 39 STREET, STE 703
 NEW YORK, NY 10018
 212-652-9855

ROOFING CONSULTANT
 WATSKY ASSOCIATES
 20 MADISON AVENUE
 VALHALLA, NY 10595
 914-948-3450

Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

Project Address
**IONA PREPARATORY SCHOOL
 255 Wilmet Road
 New Rochelle, NY 10804**

Drawing Title
**FIRE ALARM GENERAL
 NOTES**

Scale	Job No.	Date	Drawing No.
NTS	1618	04/03/2019	FA-101

Peter Gisolfi Associates
 Architects Landscape Architects, LLP
 566 Warburton Avenue
 Hastings on Hudson, NY 10706
 914 478 3677

PETER GISOLFI ASSOCIATES

FIRE ALARM SPECIFICATION (VERNI PERFORMING ARTS CENTER)

PART 1 GENERAL

1.01 GENERAL REQUIREMENTS:

- A. ALL WORK SHALL COMPLY WITH REQUIREMENTS OF THE NATIONAL ELECTRIC CODE, FACILITIES MANAGEMENT, NEW YORK STATE FIRE DEPARTMENT REGULATIONS AND AUTHORITIES HAVING JURISDICTION (AAU), APPLICABLE NATIONAL, STATE AND LOCAL CODES, LAWS, REGULATIONS AND ORDINANCES RELATIVE TO ANY PORTION OF THIS WORK SHALL BE INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS.
- B. IF A CONFLICT OCCURS IN THE SPECIFICATIONS AND/OR ON THE DRAWINGS, THE MORE STRINGENT SITUATION SHALL APPLY.
- C. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF THIS WORK. FINAL ACCEPTANCE SHALL BE DEFINED AS THE TIME AT WHICH THE ELECTRICAL WORK IS TAKEN OVER AND ACCEPTED BY THE OWNER. ENGAGE THE SERVICES OF VARIOUS MANUFACTURERS SUPPLYING THE EQUIPMENT FOR THE PROPER STARTUP, OPERATION AND TRAINING OF ALL SYSTEMS INSTALLED. INSTRUCT THE OWNERS PERSONNEL IN THE PROPER OPERATION AND SERVICING OF THE EQUIPMENT.
- D. ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE CAREFULLY THE EXISTING AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND WITH DIFFICULTIES THAT WILL ATTEND THE EXECUTION OF THE WORK. CONTRACTOR SHALL PERFORM THIS PRIOR TO SUBMITTING HIS PROPOSAL. SUBMISSION OF A PROPOSAL WILL BE CONSIDERED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN UNDERTAKEN.
- E. DRAWINGS ARE DIAGNOSTIC AND INDICATE GENERAL ARRANGEMENT OF WORK. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL DEVICES INCLUDING DIMENSIONS AND ELEVATIONS. WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS.
- F. ALTHOUGH NOT SPECIFICALLY MENTIONED HEREIN OR SHOWN ON THE DRAWINGS, ANY EQUIPMENT, MATERIALS, ACCESSORIES OR LABOR REQUIRED FOR PROPER AND COMPLETE INSTALLATION OF THE ELECTRICAL WORK SHALL BE FURNISHED AND INSTALLED AS PART OF THE ORIGINAL BID.
- G. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST COPY OF THE BUILDING RULES AND REGULATIONS TO DETERMINE THE EXTENT OF PREMIUM TIME WORK REQUIRED. BUILDING SYSTEM INTERRUPTIONS ARE TO BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. COORDINATE WITH FACILITIES MANAGEMENT FOR ANY SERVICE INTERRUPTION OF EXISTING SYSTEMS AND GIVE NOTICE AS REQUIRED BY BUILDING RULES AND REGULATIONS.
- H. ANY DAMAGE TO EXISTING PARTITIONS, FLOORS, CEILING OR ANY PART OF THE BUILDING OR EQUIPMENT HOUSED THEREIN CAUSED BY THE WORK OF THE CONTRACTOR SHALL BE REPAIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- I. ALL NEW MATERIALS REQUIRED SHALL CONFORM WITH THE STANDARDS OF THE UNDERWRITERS LABORATORIES, INC. (UL) IN EVERY CASE WHERE SUCH A STANDARD EXISTS.
- J. DURING THE PROJECT DURATION THE BUILDING MANAGEMENT OFFICE AND ITS DESIGNATED REPRESENTATIVE SHALL BE ABLE TO INSPECT THE WORK IN PROGRESS. ANY WORK WHICH THE BUILDING MANAGEMENT DEEMS UNACCEPTABLE SHALL BE REMOVED AND REPLACED AT THE EXPENSE OF CONTRACTOR/TENANT.
- K. ALL EQUIPMENT INSTALLED OR CONNECTED INTO THE BUILDING RISERS, SYSTEMS, AND INFRASTRUCTURE SHALL BE APPROVED IN ADVANCE BY THE BUILDING PRIOR TO INSTALLATION.
- L. ELECTRICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF THE BUILDING FIRE ALARM VENDOR (OPEN SYSTEMS METRO) TO DEVELOP AND DESIGN A CODE COMPLIANT, FULLY FUNCTIONAL FIRE ALARM SYSTEM. THE DESIGN DOCUMENTS INDICATE GENERAL INTENT OF AUDIO, VISUAL, AND ACTIVATION DEVICES. CONTRACTOR SHALL INCLUDE IN THEIR BID ALL DEVICES REQUIRED BY LOCAL FIRE ALARM INSPECTORS INCLUDING, BUT NOT LIMITED TO SMOKE DETECTORS, PULL STATIONS, WARDEN STATIONS, INTERFACE RELAYS, ETC. CONTRACTOR AND VENDOR SHALL ALSO INCLUDE ALL COMPONENTS TO UPGRADE THE EXISTING BASE BUILDING SYSTEM EXPANSION INCLUDING, BUT NOT LIMITED TO, RELAY CARDS, STROBE CONTROL PANELS, AMPLIFIERS, WIRING, ETC.

- M. SUBMISSION OF BID ACKNOWLEDGES THAT ELECTRICAL CONTRACTOR HAS CONTACTED THE BASE BUILDING VENDOR AND HAS INCLUDED ALL COMPONENTS FOR A CODE COMPLIANT SYSTEM. ADDITIONAL CLAIMS FOR CHANGES IN VENDOR SCOPE OR ADDITIONAL DEVICES/COMPONENTS, UNLESS INITIATED BY TENANT, WILL NOT BE ACCEPTED.
- N. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FILING DRAWINGS AND NECESSARY DOCUMENTATION FOR PERMIT PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS, INSPECTION FEES SHALL BE INCLUDED AS PART OF THIS CONTRACT. WHEN REQUIRED, THE CONTRACTOR SHALL RETAIN A LICENSED PROFESSIONAL ENGINEER TO SIGN AND SEAL THE DOCUMENTS FOR FILING AND "AS BUILT" DOCUMENTS FOR FINAL INSPECTION. IF PROJECT HAS BEEN FILED PRIOR TO CONTRACT AWARD, JTV CONSULTING ENGINEERS SHALL WITHDRAW APPLICATION AFTER CONTRACT AWARD FOR REFILED BY CONTRACTOR'S PROFESSIONAL ENGINEER AS "ENGINEER OF RECORD".

1.02 SCOPE OF WORK:

- A. PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR COMPLETE, SAFE INSTALLATION OF ALL ELECTRICAL WORK. THE SCOPE OF WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 1. FILING OF VENDOR'S DESIGN DOCUMENTS WITH THE STATE FIRE DEPARTMENT, INCLUSIVE OF VENDOR RETAINED NY STATE PROFESSIONAL ENGINEERS SEAL AND SIGNATURE.
 2. MODIFICATION OF EXISTING FIRE ALARM SYSTEM.
 3. INSTALLATION OF AUDIBLE ANNUNCIATION DEVICES.
 4. INSTALLATION OF STROBE DEVICES.
 5. INSTALLATION OF COMBINATION AUDIBLE/STROBE DEVICES.
 6. INSTALLATION OF ACTIVATION DEVICES: SMOKE DETECTORS, DUCT MOUNTED DETECTORS, PULL STATIONS, HEAT DETECTORS, ETC.
 7. CONNECTION OF FIRE ALARM DEVICES INSTALLED BY OTHERS: WATER FLOW SWITCHES, TAMPER SWITCHES, COMBINATION FIRE/SMOKE DAMPERS, SMOKE DAMPERS, HI LEVEL SWITCHES, LOW LEVEL SWITCHES, ETC.
 8. INSTALLATION OF CONTROL MODULES AND RELAYS TO CONTROL DEVICES INSTALLED BY OTHERS.
 9. RELOCATION AND REINSTALLATION OF EXISTING DEVICES ONTO FINISHED WALLS AND CEILING.
 10. RELOCATION OF EXISTING DEVICES TO ADA APPROVED HEIGHTS.
 11. REPLACEMENT OF ALL NON CODE COMPLIANT WIRING OR WIRING ASSOCIATED WITH RELOCATED DEVICES.
 12. INTERCONNECTION OF SYSTEMS PROVIDED BY OTHERS (IE SECURITY INTERFACE).
 13. PROGRAMMING OF NEW AND REPROGRAMMING OF EXISTING FIRE ALARM SYSTEM.
 14. INSTALLATION OF CONDUITS, BACK BOXES, ETC TO SUPPORT INSTALLATION OF FINISHED DEVICES.
 15. INSTALLATION OF ALL SYSTEM UPGRADES REQUIRED FOR FULLY FUNCTIONAL SYSTEM INCLUDING FOLDER SUPPLIES, RELAY CARDS, AMPLIFIERS, STROBE CONTROL PANELS, BATTERIES, ETC.
 16. CUTTING, CHANNELING, CORING, AND CHASING REQUIRED TO ACCOMMODATE ELECTRIC INSTALLATION AND HIGH PATCHING.
 17. DEMOLITION AND REMOVAL OF FIRE ALARM EQUIPMENT AS REQUIRED INCLUDING ALL CONDUITS AND CONDUIT BACK TO THEIR SOURCE.
 18. MAINTENANCE AND PROPER OPERATION OF EXISTING BUILDING FIRE ALARM SYSTEMS WITHIN THE CONTRACT AREA IN ACCORDANCE WITH THE REQUIREMENTS OF FACILITIES MANAGEMENT.
 19. RECEIPT AND INSTALLATION OF DEVICES, EQUIPMENT, SYSTEMS, SUPPLIED BY OTHERS AS DETAILED.
 20. COORDINATION WITH OTHER TRADES.
 21. COMMISSIONING.
 22. FILING OF AS BUILT DOCUMENTS, FIRE DEPARTMENT MATRIX, AND SELF CERTIFYING INSTALLATION AT COMPLETION OF PROJECT, SIGNED AND SEALED BY NY STATE PROFESSIONAL ENGINEER, RETAINED BY VENDOR.

1.03 SUBSTITUTIONS:

- A. ALL SYSTEM COMPONENTS SHALL BE COMPATIBLE WITH BUILDING EXISTING SYSTEM. NO SUBSTITUTE MATERIAL OR MANUFACTURER OF EQUIPMENT SHALL BE PERMITTED WITHOUT A FORMAL WRITTEN SUBMITTAL TO THE ENGINEER AND BASE BUILDING MANUFACTURER WHICH INCLUDES ALL DIMENSIONAL, PERFORMANCE AND MATERIAL SPECIFICATIONS. ANY CHANGES IN LAYOUT, MECHANICAL CHARACTERISTICS, STRUCTURAL REQUIREMENTS, OR DESIGN DUE TO THE USE OF A SUBSTITUTION SHALL BE SUBMITTED TO THE ENGINEER AS PART OF THIS PROPOSAL. THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR THE SUBSTITUTION AND ALL CHANGES RESULTING FROM SUBSTITUTION. ALL ITEMS SHALL BE SUBMITTED FOR REVIEW IN CONJUNCTION WITH THE SUBMITTAL OF THE ALTERNATE. ANY SUBSTITUTION THAT BE SUBMITTED WITH AN EXPLANATION WHY SUBSTITUTION IS BEING UTILIZED. IF THE SUBSTITUTED ITEM DEVIATES FROM THE SPECIFIED ITEM, THOSE DEVIATIONS ARE TO BE IDENTIFIED ON A LINE BY LINE BASIS. IF THE SUBSTITUTION IS BEING UTILIZED FOR FINANCIAL REASONS, THE ASSOCIATED CREDIT MUST BE SIMULTANEOUSLY SUBMITTED.
- B. ALL SUBSTITUTED EQUIPMENT SHALL CONFORM TO SPACE REQUIREMENTS AND PERFORMANCE REQUIREMENTS SHOWN ON CONTRACT DOCUMENTS.
- C. CONTRACTOR SHALL SUBMIT BID BASED ON SPECIFIED ITEMS AND SHALL SUPPLY AS AN ALTERNATE PRICE ANY SUBSTITUTIONS.
- D. ALL EQUIPMENT SHALL BE APPROVED FOR USE BY THE NEW YORK CITY FIRE DEPARTMENT.

1.04 SHOP DRAWINGS:

- A. SHOP DRAWINGS SUBMISSION SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 1. FIRE ALARM SYSTEM EQUIPMENT (PANELS, AMPLIFIERS, BATTERIES, CONTROL CARDS, ETC.).
 2. WIRING.
 3. AUDIO ANNUNCIATION DEVICES.
 4. STROBE DEVICES.
 5. COMBINATION AUDIO/STROBE DEVICES.
 6. SMOKE DETECTORS.
 7. DUCT MOUNTED SMOKE DETECTORS.
 8. PULL STATIONS.
 9. WARDEN STATIONS.
 10. WIRING SCHEMATIC AND SEQUENCE OF OPERATION.
 11. FLOOR PLANS INDICATING DEVICE LOCATION, CIRCUITRY, AND OF LINE RESISTOR LOCATIONS.

1.05 AS-BUILT DRAWINGS:

- A. CONTRACTOR SHALL MAINTAIN RECORD DRAWING PRINTS ON JOB SITE AND RECORD, AT TIME OF OCCURRENCE, DEVIATIONS FROM CONTRACT DOCUMENTS.
- B. CONTRACTOR SHALL REVISE SHOP DRAWINGS TO CONFORM TO RECORD DRAWINGS AND SUBMIT AN AS-BUILT CONDITION (DEVICES, EQUIPMENT, CIRCUITRY, ETC.) DRAWINGS, IN AUTOCAD FORMAT, UPON COMPLETION OF THE PROJECT. FINAL SUBMISSION OF AS-BUILT DRAWINGS TO BE CERTIFIED BY INSTALLING CONTRACTOR. LANDLORD TO RECEIVE ONE HARD COPY SET AND AUTOCAD DWG FORMAT DRAWINGS ON DISC OF AS-BUILT DRAWINGS.
- C. DOCUMENTS SHALL INDICATE FINAL CIRCUITING OF ALL INSTALLED DEVICES, EXISTING DEVICES AND EXACT LOCATION OF ALL END OF LINE RESISTORS.
- D. CONTRACTOR SHALL SUBMIT SIGN AND SEAL THE "AS BUILT" DOCUMENTS FOR FILING FOR FINAL INSPECTION. DOCUMENTS SHALL BE SUBMITTED IN 24"x36" FORMAT AND SHALL INCLUDE RISER DIAGRAM, FIRE ALARM MATRIX, FLOOR PLANS AND ALL OTHER PLANS REQUIRED BY FIRE DEPARTMENT.

PART 2 PRODUCTS 21 MANUFACTURER

A. MANUFACTURER

- 1. ACCEPTABLE FIRE ALARM SYSTEM MANUFACTURER SHALL BE THE BASE BUILDING FIRE ALARM VENDOR, OPEN SYSTEMS METRO, ATTN. MR. CHARLES MAGNOTA AT 914-329-4219.
- 2. ALL EQUIPMENT AND COMPONENTS SHALL BE THE MANUFACTURER'S CURRENT MODEL. THE MATERIALS, APPLIANCES, EQUIPMENT AND DEVICES SHALL BE TESTED AND LISTED BY A NATIONALLY RECOGNIZED APPROVAL AGENCY FOR USE AS PART OF A PROTECTED PREMISES PROTECTIVE SIGNALING (FIRE ALARM) SYSTEM. THE AUTHORIZED REPRESENTATIVE OF THE MANUFACTURER OF THE MAJOR EQUIPMENT, SUCH AS CONTROL PANELS, SHALL BE RESPONSIBLE FOR THE SATISFACTORY INSTALLATION OF THE COMPLETE SYSTEM.
- 3. THE CONTRACTOR SHALL PROVIDE, FROM THE ACCEPTABLE MANUFACTURER'S CURRENT PRODUCT LINE, EQUIPMENT AND COMPONENTS, WHICH COMPLY, WITH THE REQUIREMENTS OF THESE SPECIFICATIONS. EQUIPMENT OR COMPONENTS, WHICH DO NOT PROVIDE THE PERFORMANCE AND FEATURES, REQUIRED BY THESE SPECIFICATIONS ARE NOT ACCEPTABLE, REGARDLESS OF MANUFACTURER.

23 FIELD-MOUNTED SYSTEM COMPONENTS

A. INITIATING DEVICES

- 1. SMOKE DETECTORS & ACCESSORIES
 - a. ANALOG ADDRESSABLE SMOKE GENERAL
 - a.1. EACH ANALOG ADDRESSABLE SMOKE DETECTOR'S SENSITIVITY SHALL BE CAPABLE OF BEING PROGRAMMED INDIVIDUALLY AS: MOST SENSITIVE, MORE SENSITIVE, NORMAL, LESS SENSITIVE OR LEAST SENSITIVE.
 - b. AN ALTERNATE ALARM SENSITIVITY LEVEL SHALL BE PROVIDED FOR EACH DETECTOR, WHICH CAN BE SET TO ANY OF THE FIVE (5) SENSITIVITY SETTINGS MANUALLY OR AUTOMATICALLY USING A TIME OF DAY EVENT.
- 2. THE DETECTOR'S SENSING ELEMENT REFERENCE POINT SHALL AUTOMATICALLY ADJUST, COMPENSATING FOR BACKGROUND ENVIRONMENTAL CONDITIONS SUCH AS DUST, TEMPERATURE, AND PRESSURE. PERIODICALLY, THE SENSING ELEMENT REAL-TIME ANALOG VALUE SHALL BE COMPARED AGAINST ITS REFERENCE VALUE. THE DETECTOR SHALL PROVIDE A MAINTENANCE ALERT SIGNAL THAT 80% TO 95% COMPENSATION HAS BEEN USED. THE DETECTOR SHALL PROVIDE A DIRTY FAULT SIGNAL THAT 100% COMPENSATION HAS BEEN USED.
- 3. THE SYSTEM SHALL ALLOW FOR CHANGING OF DETECTOR TYPES FOR SERVICE REPLACEMENT PURPOSES WITHOUT THE NEED TO REPROGRAM THE SYSTEM. D. THE REPLACEMENT DETECTOR TYPE SHALL AUTOMATICALLY CONTINUE TO OPERATE WITH THE SAME PROGRAMMED SENSITIVITY LEVELS AND FUNCTIONS AS THE DETECTOR IT REPLACED. SYSTEM SHALL DISPLAY AN OFF-NORMAL CONDITION UNTIL THE PROPER DETECTOR TYPE HAS BEEN INSTALLED OR CHANGE IN THE APPLICATION PROGRAM PROFILE HAS BEEN MADE.

e. SMOKE DETECTOR-PHOTOELECTRIC

- a.1. PROVIDE ANALOG/ADDRESSABLE PHOTOELECTRIC SMOKE DETECTORS AT THE LOCATIONS SHOWN ON THE DRAWINGS. THE SYSTEM SHALL HAVE 1) THE ABILITY TO SET THE SENSITIVITY AND ALARM VERIFICATION OF EACH OF THE INDIVIDUAL DETECTORS ON THE CIRCUIT. IT SHALL BE POSSIBLE TO AUTOMATICALLY CHANGE THE SENSITIVITY OF INDIVIDUAL ANALOG/ADDRESSABLE DETECTORS FOR THE DAY AND NIGHT PERIODS. EACH SMOKE DETECTOR SHALL BE CAPABLE OF TRANSMITTING ALARM SIGNALS AS WELL AS NORMAL, TROUBLE AND NEED CLEANING INFORMATION. IT SHALL BE POSSIBLE TO PROGRAM CONTROL PANEL ACTIVITY TO EACH LEVEL. EACH SMOKE DETECTOR MAY BE INDIVIDUALLY PROGRAMMED TO OPERATE AT ANY ONE OF FIVE (5) SENSITIVITY SETTINGS. EACH DETECTOR MICROPROCESSOR SHALL CONTAIN AN ENVIRONMENTAL COMPENSATION ALGORITHM THAT IDENTIFIES AND SETS AMBIENT ENVIRONMENTAL THRESHOLDS APPROXIMATELY SIX TIMES AN HOUR. THE MICROPROCESSOR SHALL MONITOR THE ENVIRONMENTAL COMPENSATION VALUE AND ALERT THE SYSTEM OPERATOR WHEN THE DETECTOR APPROACHES 90% AND 100% OF THE ALLOWABLE ENVIRONMENTAL COMPENSATION VALUE.

f. DUCT DETECTOR HOUSING

- a.1. PROVIDE SMOKE DETECTOR DUCT HOUSING ASSEMBLIES TO MOUNT AN ANALOG/ADDRESSABLE DETECTOR ALONG WITH STANDARD, RELAY OR ISOLATOR DETECTOR MOUNTING BASE. THE HOUSING SHALL ALSO PROTECT THE MEASURING CHAMBER FROM DAMAGE AND INSECTS. THE HOUSING SHALL UTILIZE AN AIR EXHAUST TUBE AND AN AIR SAMPLING INLET TUBE THAT EXTENDS INTO THE DUCT AIR STREAM UP TO TEN FEET. DRILLING TEMPLATES AND GASKETS TO FACILITATE LOCATING AND MOUNTING THE HOUSING SHALL ALSO BE PROVIDED. THE HOUSING SHALL BE FINISHED IN BAKED RED ENAMEL. REMOTE ALARM LED INDICATORS AND REMOTE TEST STATIONS SHALL BE PROVIDED.

2. HEAT DETECTORS

- a. FIXED TEMPERATURE HEAT DETECTOR
 - a.1. PROVIDE ANALOG/ADDRESSABLE FIXED TEMPERATURE HEAT DETECTORS AT THE LOCATIONS SHOWN ON THE DRAWINGS. THE HEAT DETECTOR SHALL HAVE A NOMINAL FIXED TEMPERATURE ALARM POINT RATING OF 155°F (57°C). THE HEAT DETECTOR SHALL BE RATED FOR CEILING INSTALLATION AT A MINIMUM OF 10 FT (3.0M) CENTERS AND BE SUITABLE FOR WALL MOUNT APPLICATIONS.

3. DETECTOR BASES

- a. DETECTOR BASE-STANDARD
 - b. PROVIDE STANDARD DETECTOR MOUNTING BASES SUITABLE FOR MOUNTING ON EITHER NORTH AMERICAN 1-GANG, 3/1 OR 4 INCH OCTAGON BOX AND 4 INCH SQUARE BOX, OR EUROPEAN BE8A OR 1-GANG BOX. THE BASE SHALL CONTAIN NO ELECTRONICS AND SUPPORT ALL SERIES DETECTOR TYPES.

4. MANUAL STATIONS

- a. MANUAL STATION - SINGLE ACTION SINGLE STAGE
 - a.1. PROVIDE ANALOG/ADDRESSABLE SINGLE ACTION, SINGLE STAGE FIRE ALARM STATIONS AT THE LOCATIONS SHOWN ON THE DRAWINGS. THE FIRE ALARM STATION SHALL BE OF METAL CONSTRUCTION AND INCORPORATE AN INTERNAL COGGLE SWITCH. THE STATION SHALL BE FINISHED IN RED WITH SILVER "FULL IN CASE OF FIRE" LETTERING. THE MANUAL STATION SHALL BE SUITABLE FOR MOUNTING ON NORTH AMERICAN 2" (51MM) DEEP 1-GANG BOXES AND 1" (38MM) DEEP 4 SQUARE BOXES WITH 1-GANG COVERS.

B. NOTIFICATION APPLIANCES

1. GENERAL

- a. GENERAL (SIGNALS)
 - a.1. ALL APPLIANCES WHICH ARE SUPPLIED FOR THE REQUIREMENTS OF THIS SPECIFICATION SHALL BE LISTED FOR THE MANUFACTURER'S SERVICE, AND SHALL BE CAPABLE OF PROVIDING THE "EQUIVALENT FACILITY" WHICH IS ALLOWED UNDER THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADA/AG), AND SHALL BE UL 191 LISTED.
 - a.2. ALL APPLIANCES SHALL BE OF THE SAME MANUFACTURER AS THE FIRE ALARM CONTROL PANEL SPECIFIED IN THE DRAWINGS. THE APPLIANCES AND THE CONTROL PANELS, AND TO INSURE THAT THE APPLICATION OF THE APPLIANCES ARE DONE IN ACCORDANCE WITH THE SINGLE MANUFACTURER'S INSTRUCTIONS.
 - a.3. ANY APPLIANCES THAT DO NOT MEET THE ABOVE REQUIREMENTS, AND ARE SUBMITTED FOR USE MUST SHOW WRITTEN PROOF OF THEIR COMPATIBILITY FOR THE PURPOSE INTENDED. SUCH PROOF SHALL BE IN THE FORM OF DOCUMENTATION FROM ALL MANUFACTURERS THAT CLEARLY STATES THAT THEIR EQUIPMENT (AS SUBMITTED) IS 100% COMPATIBLE WITH EACH OTHER FOR THE PURPOSE INTENDED. ALL STROBES SHALL BE PROVIDED WITH LENS MARKINGS ORIENTED FOR WALL MOUNTING.
 - a.4. ALL NOTIFICATION APPLIANCES SHALL BE RED UNLESS NOTED OTHERWISE ON THE DRAWINGS.

2. HORN/STROBES AND SPEAKER-STROBES

- a. LOW PROFILE SPEAKER-STROBES
 - 1) PROVIDE LOW PROFILE WALL MOUNT SPEAKER-STROBES AT THE LOCATIONS SHOWN ON THE DRAWINGS. THE SPEAKER-STROBE SHALL PROVIDE AN AUDIBLE OUTPUT OF 84 DBA AT 10 FT, WHEN MEASURED IN REVERBERATION ROOM PER UL-464. STROBES SHALL PROVIDE SYNCHRONIZED FLASH OUTPUTS. THE STROBE OUTPUT SHALL BE DETERMINED AS REQUIRED BY ITS SPECIFIC LOCATION AND APPLICATION FROM A FAMILY OF 1BCD, 30CD, 60CD, 1BCD, OR 10CD DEVICES. THE SPEAKER SHALL HAVE A SELECTABLE STEADY OR SYNCHRONIZED TEMPORAL OUTPUT. IN AND OUT SCREW TERMINALS SHALL BE PROVIDED FOR WIRING. LOW PROFILE HORN/STROBES SHALL MOUNT IN A NORTH AMERICAN 1-GANG BOX.

3. STROBES

- a. LOW PROFILE STROBES
 - 1) PROVIDE LOW PROFILE WALL MOUNTED STROBES AT THE LOCATIONS SHOWN ON THE DRAWINGS. IN AND OUT SCREW TERMINALS SHALL BE 1) PROVIDED FOR WIRING. STROBES SHALL PROVIDE SYNCHRONIZED FLASH OUTPUTS. STROBE OUTPUT SHALL BE DETERMINED AS REQUIRED BY ITS SPECIFIC LOCATION AND APPLICATION FROM A FAMILY OF 1BCD, 30CD, 60CD, 1BCD, OR 10CD DEVICES. LOW PROFILE STROBES SHALL MOUNT IN A NORTH AMERICAN 1-GANG BOX.

C. INITIATION 4 CONTROL MODULES

- 1. RELAY MODULE
 - a. PROVIDE ADDRESSABLE CONTROL RELAY CIRCUIT MODULES AT THE LOCATIONS SHOWN ON THE DRAWINGS. THE MODULE SHALL PROVIDE ONE (1) FORM C DRY RELAY CONTACTS RATED AT 24VDC @ 2 AMPS (PILOT DUTY) TO CONTROL EXTERNAL APPLIANCES OR EQUIPMENT. THE POSITION OF THE RELAY CONTACT SHALL BE CONFIRMED BY THE SYSTEM FIRMWARE.
- 2. NOTIFICATION APPLIANCE CIRCUITS
 - a. PROVIDE ADDRESSABLE NOTIFICATION APPLIANCE CIRCUIT MODULES AT THE LOCATIONS SHOWN ON THE DRAWINGS. THE MODULE SHALL PROVIDE ONE (1) SUPERVISED CLASS B NOTIFICATION CIRCUIT. THE MODULE SHALL PROVIDE POLARIZED AUDIBLE / VISUAL SELECTION FOR 24VDC @ 2 AMPS, AUDIO OUTPUTS AT 25Vrms @ 50 WATTS OR 10Vrms @ 35 WATTS.

PART 3 EXECUTION 3.01 GENERAL:

- A. PERFORM THE WORK AT SUCH TIME AND IN SUCH MANNER AS TO MINIMIZE INTERFERENCE WITH BUILDING'S NORMAL OPERATION. NOTIFY FACILITIES MANAGEMENT OR REPRESENTATIVES IN ADVANCE EACH TIME A SERVICE OUTAGE OR INTERRUPTION WILL BE REQUIRED FOR THE PERFORMANCE OF SOME PHASE OF THE WORK. SCHEDULE SUCH SERVICE OUTAGE OR INTERRUPTION ONLY AFTER HAVING RECEIVED APPROVAL OF DATE, HOUR, AND TIME INTERVAL REQUIRED THEREOF. SCHEDULE OF WORK AS DIRECTED SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE.
- B. OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS, OR CEILING SHALL BE MADE USING APPROVED METHODS. SEALANT SHALL BE RATED FOR 3 HOURS. TELECOMMUNICATION CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING FIRE STOPPING IN IT CONDUITS/SLEEVES/PENETRATIONS AFTER "IT" WIRES ARE PULLED.
- C. PROVIDE FIRE ALARM LABELING AT ALL EQUIPMENT AND JUNCTION/PULL BOXES.
- D. PAINT ALL FIRE ALARM CONDUITS, BACKBOXES, JUNCTION BOXES AND PULL BOXES FIRE DEPARTMENT RED.

- E. MAINTAIN CONTINUITY AND PROTECT ALL EXISTING FIRE ALARM CIRCUITS TO REMAIN SERVING EQUIPMENT WITHIN BUILDING AREAS AFFECTED BY THE ALTERATION WORK. CONTRACTOR SHALL BE RESPONSIBLE TO TRACE ALL EXISTING FIRE ALARM CIRCUITS TO REMAIN ORIGINATING FROM TERMINAL BOXES OR DATA GATHERING PANELS, AND DOCUMENT SAME ON AS BUILT DOCUMENTS. WHENEVER IT IS REQUIRED THAT AN EXISTING FIRE ALARM CIRCUIT BE MODIFIED, REVISED, DISCONNECTED OR REMOVED IT SHALL BE UNDERSTOOD THAT THE CIRCUIT SHALL BE RECONNECTED AND SERVICE RE-ESTABLISHED IN THE REMAINING PORTION OF THE CIRCUIT AFFECTED BY THE ALTERATION. CONTRACTOR SHALL REPLACE ALL REMOVED WIRING WITH NEW "L" TEE" TAPS SHALL BE PERMITTED IN FIRE ALARM CIRCUITS.
- F. PRIOR TO ANY CHASING, CHOPPING, OR CORE DRILLING BEING PERFORMED, THE CONTRACTOR SHALL FIELD INVESTIGATE CONDITIONS AND COORDINATE WITH ALL APPROPRIATE TRADES TO ENSURE THAT WORK WILL BE IN HARMONY WITH OTHER WORK AND NOT AFFECTED ANY EXISTING BUILDING SYSTEMS, X-RAY SLABS IF REQUIRED. THIS WORK MUST BE APPROVED BY FACILITIES MANAGEMENT PRIOR TO PROCEEDING. ALL CORING/CHASING SHALL BE DONE ON STRAIGHT TIME UNLESS NOTED.

- G. FURNISH AND INSTALL A MINIMUM 1" EMPTY CONDUIT FOR ALL WALL MOUNTED FIRE ALARM DEVICE JUNCTION BOXES. CONDUIT SHALL BE STUBBED 6" ABOVE HUNG CEILING AND TURNED TOWARDS TERMINATION CLOSET ABOVE ACCESSIBLE CEILING AREA.
- H. COORDINATE WITH THE BUILDING OWNER FOR ANY SERVICE INTERRUPTION OF EXISTING FIRE ALARM SYSTEMS AND GIVE NOTICE AS REQUIRED BY BUILDING RULES AND REGULATIONS OR A MINIMUM OF FIVE (5) DAYS PRIOR TO ANY WORK, WHICHEVER IS MORE STRINGENT. CONTRACTOR IS TO PERFORM WORK ON PREMIUM TIME SO AS TO NOT DISTURB EXISTING TENANTS ON OTHER FLOORS.

3.02 IDENTIFICATION OF EQUIPMENT:

- A. ALL FIRE ALARM PANELS AND CABINETS SPECIFIED HEREIN SHALL BE CLEARLY IDENTIFIED WITH THE EQUIPMENT DESIGNATION. IDENTIFICATION SHALL BE BY WHITE ON BLACK PLASTIC NAMEPLATE WITH 1/2" MINIMUM LETTERING ATTACHED BY SCREWS.
- B. FIRE ALARM SYSTEM JUNCTION BOXES SHALL BE PAINTED FIRE DEPARTMENT RED. APPROVED IDENTIFICATION CARDS SHALL BE FURNISHED ADJACENT TO ALL CONTROL PANELS AND MANUAL STATIONS.

3.04 LIFE SAFETY TESTING:

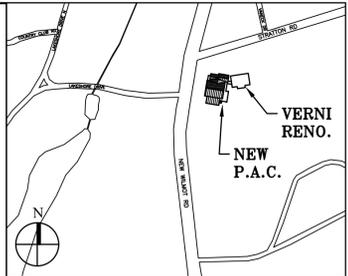
- A. AFTER COMPLETION OF THE PROJECT, PERFORM A TEST OF THE FIRE ALARM SYSTEM IN THE PRESENCE OF CONTRACTOR'S ENGINEER OF RECORD, FACILITIES MANAGEMENT AND ALL AUTHORITIES HAVING JURISDICTION, AFTER SUCCESSFUL COMPLETION OF TEST, SUBMIT A COMPLETION AFFIDAVIT TO FIRE DEPARTMENT AS PART OF AS BUILT FILING AND SCHEDULE FINAL INSPECTION.

3.05 PROTECTION:

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR WORK AND EQUIPMENT UNTIL FINALLY INSPECTED, TESTED AND ACCEPTED. MATERIALS AND EQUIPMENT SHALL BE CAREFULLY STORED WHICH ARE NOT IMMEDIATELY INSTALLED AFTER DELIVERY TO SITE. CLOSE EXPOSED PARTS OF THE WORK WITH TEMPORARY COVERS OR PLUGS DURING CONSTRUCTION TO PREVENT ENTRY OF MOISTURE OR OBSTRUCTING MATERIALS.
- B. PROTECT THE WORK AND MATERIAL OF OTHERS FROM DAMAGE INSTALLED AS PART OF THIS CONTRACT. RESTORE ANY WORK DAMAGED AND BE RESPONSIBLE FOR ALL CURRENT WORK AND ASSOCIATED COSTS.

3.06 RFI PROCEDURE:

- DUE TO THE NATURE OF THE PROJECT, ANY CONTRACTUAL CONFLICTS MUST BE DOCUMENTED AND COMMUNICATED THROUGH THE USE OF A FORMAL RFI METHODOLOGY. VERBAL DIRECTION OR TECHNICAL QUESTION THROUGH EMAIL EXCHANGE WILL NOT BE CONSIDERED VALID. ANY FIELD CONCERNS, CONFLICTS OR ANY DISCREPANCIES WITH PLANS AND FIELD CONDITIONS MUST BE ADDRESSED THROUGH A FORMAL RFI PROCESS.



Key Plan (not to scale)

7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	6/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

No.	Date	Revision/Submision
STRUCTURAL & SITE CIVIL ENGINEER		
DOMINICK R PILLA ASSOCIATES, P.C. 143 MAIN STREET NYACK, NY 10960 845-727-7793		
MEP ENGINEER		ROOFING CONSULTANT
JMV CONSULTING ENGINEERING, P.C. 37 W. 39 STREET, STE 703 NEW YORK, NY 10018 212-652-9855		WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10966 914-948-3450

Stamp

Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

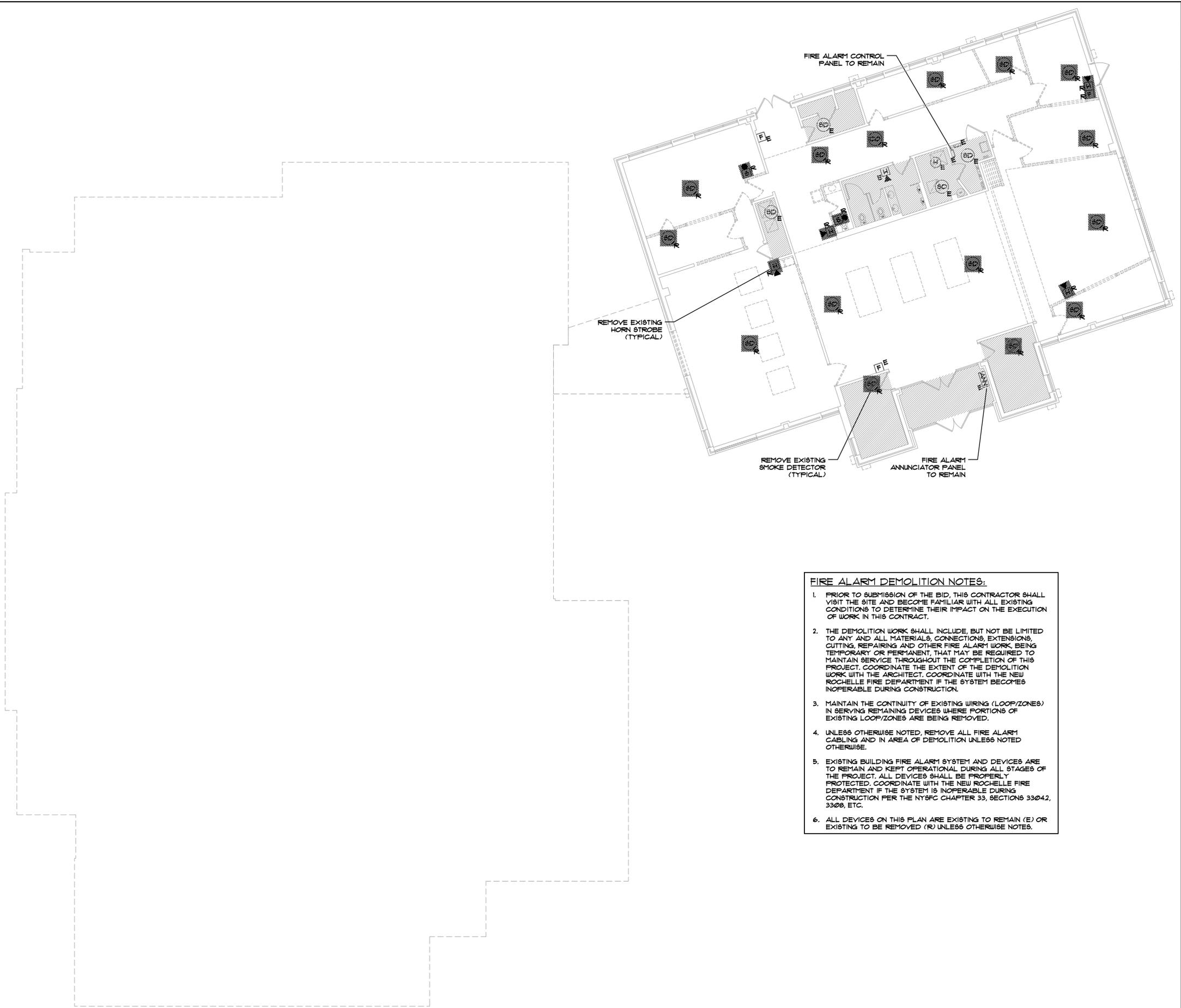
Project Address
**IONA PREPARATORY SCHOOL
 255 Wilnot Road
 New Rochelle, NY 10804**

Drawing Title
**FIRE ALARM
 SPECIFICATIONS**

Scale	Job No.	Date	Drawing No.
NTS	1618	04/03/2019	FA-102
Drawn			

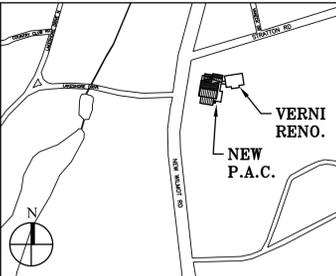
Peter Gisolfi Associates
 Architects Landscape Architects, LLP
 566 Warburton Avenue
 Hastings on Hudson, NY 10706
 914 478 3677

PETER GISOLFI ASSOCIATES



FIRE ALARM DEMOLITION NOTES:

1. PRIOR TO SUBMISSION OF THE BID, THIS CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS TO DETERMINE THEIR IMPACT ON THE EXECUTION OF WORK IN THIS CONTRACT.
2. THE DEMOLITION WORK SHALL INCLUDE, BUT NOT BE LIMITED TO ANY AND ALL MATERIALS, CONNECTIONS, EXTENSIONS, CUTTING, REPAIRING AND OTHER FIRE ALARM WORK BEING TEMPORARY OR PERMANENT, THAT MAY BE REQUIRED TO MAINTAIN SERVICE THROUGHOUT THE COMPLETION OF THIS PROJECT. COORDINATE THE EXTENT OF THE DEMOLITION WORK WITH THE ARCHITECT, COORDINATE WITH THE NEW ROCHELLE FIRE DEPARTMENT IF THE SYSTEM BECOMES INOPERABLE DURING CONSTRUCTION.
3. MAINTAIN THE CONTINUITY OF EXISTING WIRING (LOOP/ZONES) IN SERVING REMAINING DEVICES WHERE PORTIONS OF EXISTING LOOP/ZONES ARE BEING REMOVED.
4. UNLESS OTHERWISE NOTED, REMOVE ALL FIRE ALARM CABLING AND IN AREA OF DEMOLITION UNLESS NOTED OTHERWISE.
5. EXISTING BUILDING FIRE ALARM SYSTEM AND DEVICES ARE TO REMAIN AND KEPT OPERATIONAL DURING ALL STAGES OF THE PROJECT. ALL DEVICES SHALL BE PROPERLY PROTECTED. COORDINATE WITH THE NEW ROCHELLE FIRE DEPARTMENT IF THE SYSTEM IS INOPERABLE DURING CONSTRUCTION PER THE NYFC CHAPTER 33, SECTIONS 3304.2, 3308, ETC.
6. ALL DEVICES ON THIS PLAN ARE EXISTING TO REMAIN (E) OR EXISTING TO BE REMOVED (R) UNLESS OTHERWISE NOTED.



Key Plan (not to scale)

7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	8/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

STRUCTURAL & SITE CIVIL ENGINEER
 DOMINICK R PILLA
 ASSOCIATES, P.C.
 143 MAIN STREET
 NYACK, NY 10960
 845-727-7793

MEP ENGINEER
 JMV CONSULTING
 ENGINEERING, P.C.
 37 W. 39 STREET, STE 703
 NEW YORK, NY 10018
 212-652-9855

ROOFING CONSULTANT
 WATSKY ASSOCIATES
 20 MADISON AVENUE
 VALHALLA, NY 10595
 914-948-3450

Stamp

Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

Project Address
**IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804**

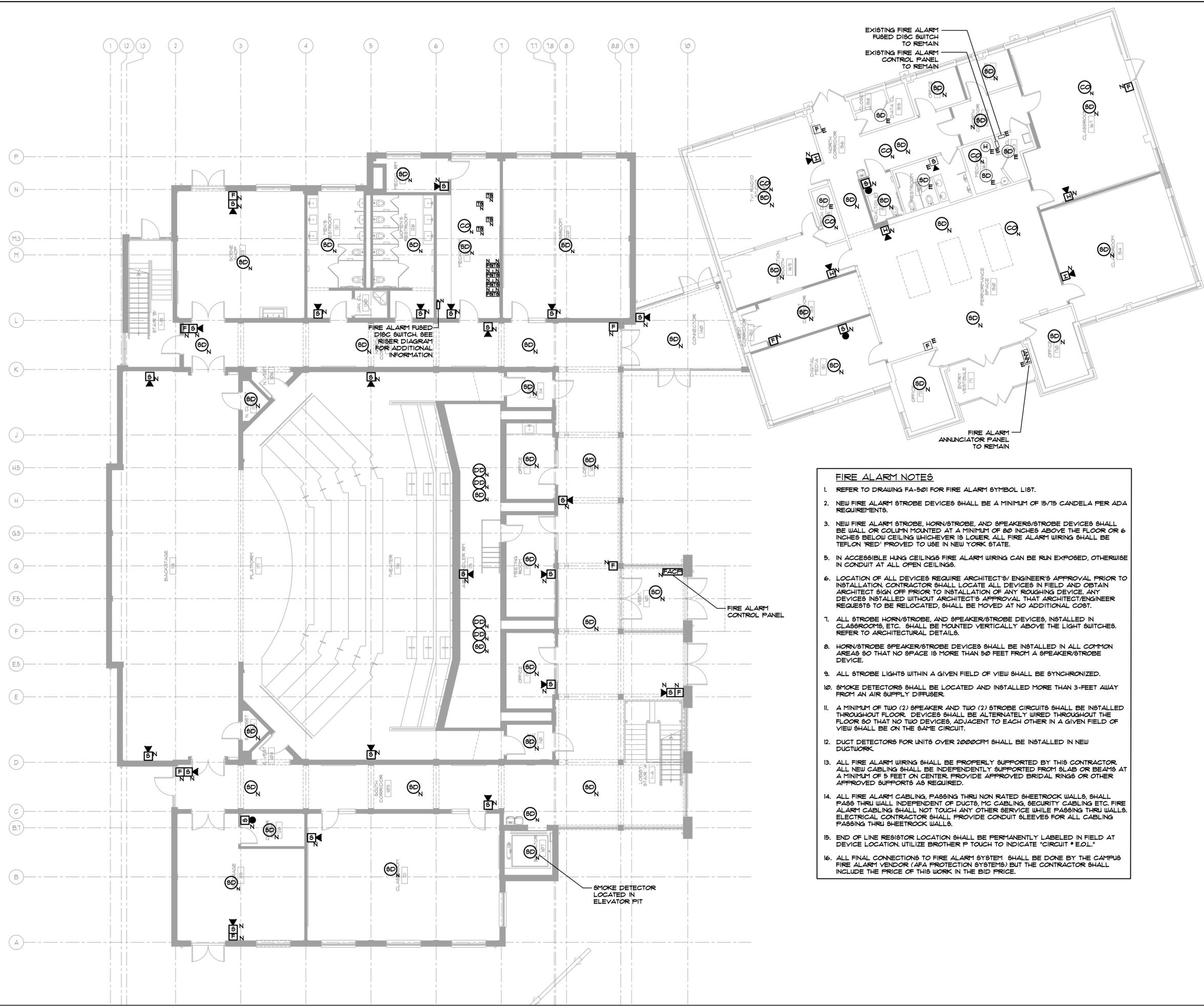
Drawing Title
**FIRST FLOOR FIRE ALARM
 DEMOLITION PLAN**

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	1618	04/03/2019	FA-201

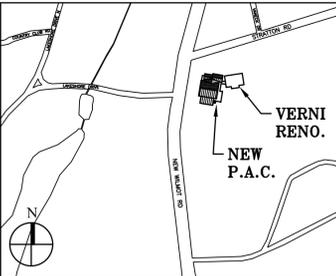
Drawn

Peter Gisolfi Associates
 Architects Landscape Architects, LLP
 586 Warburton Avenue
 Hastings on Hudson, NY 10706
 914 478 3677

PETER GISOLFI ASSOCIATES



- FIRE ALARM NOTES**
- REFER TO DRAWING FA-501 FOR FIRE ALARM SYMBOL LIST.
 - NEW FIRE ALARM STROBE DEVICES SHALL BE A MINIMUM OF 15/15 CANDELA PER ADA REQUIREMENTS.
 - NEW FIRE ALARM STROBE, HORN/STROBE, AND SPEAKERS/STROBE DEVICES SHALL BE WALL OR COLUMN MOUNTED AT A MINIMUM OF 80 INCHES ABOVE THE FLOOR OR 6 INCHES BELOW CEILING WHICHEVER IS LOWER. ALL FIRE ALARM WIRING SHALL BE TEFLON 'RED' PROVED TO USE IN NEW YORK STATE.
 - IN ACCESSIBLE HUNG CEILING'S FIRE ALARM WIRING CAN BE RUN EXPOSED, OTHERWISE IN CONDUIT AT ALL OPEN CEILING'S.
 - LOCATION OF ALL DEVICES REQUIRE ARCHITECT'S/ ENGINEER'S APPROVAL PRIOR TO INSTALLATION. CONTRACTOR SHALL LOCATE ALL DEVICES IN FIELD AND OBTAIN ARCHITECT SIGN OFF PRIOR TO INSTALLATION OF ANY ROUGHING DEVICE. ANY DEVICES INSTALLED WITHOUT ARCHITECT'S APPROVAL THAT ARCHITECT/ENGINEER REQUESTS TO BE RELOCATED, SHALL BE MOVED AT NO ADDITIONAL COST.
 - ALL STROBE HORN/STROBE, AND SPEAKER/STROBE DEVICES, INSTALLED IN CLASSROOMS, ETC. SHALL BE MOUNTED VERTICALLY ABOVE THE LIGHT SWITCHES. REFER TO ARCHITECTURAL DETAILS.
 - HORN/STROBE SPEAKER/STROBE DEVICES SHALL BE INSTALLED IN ALL COMMON AREAS SO THAT NO SPACE IS MORE THAN 50 FEET FROM A SPEAKER/STROBE DEVICE.
 - ALL STROBE LIGHTS WITHIN A GIVEN FIELD OF VIEW SHALL BE SYNCHRONIZED.
 - SMOKE DETECTOR'S SHALL BE LOCATED AND INSTALLED MORE THAN 3- FEET AWAY FROM AN AIR SUPPLY DIFFUSER.
 - A MINIMUM OF TWO (2) SPEAKER AND TWO (2) STROBE CIRCUITS SHALL BE INSTALLED THROUGHOUT FLOOR. DEVICES SHALL BE ALTERNATELY WIRED THROUGHOUT THE FLOOR SO THAT NO TWO DEVICES, ADJACENT TO EACH OTHER IN A GIVEN FIELD OF VIEW SHALL BE ON THE SAME CIRCUIT.
 - DUCT DETECTOR'S FOR UNITS OVER 200CFM SHALL BE INSTALLED IN NEW DUCTWORK.
 - ALL FIRE ALARM WIRING SHALL BE PROPERLY SUPPORTED BY THIS CONTRACTOR. ALL NEW CABLING SHALL BE INDEPENDENTLY SUPPORTED FROM SLAB OR BEAMS AT A MINIMUM OF 5 FEET ON CENTER. PROVIDE APPROVED BRIDAL RINGS OR OTHER APPROVED SUPPORTS AS REQUIRED.
 - ALL FIRE ALARM CABLING, PASSING THRU NON RATED SHEETROCK WALLS, SHALL PASS THRU WALL INDEPENDENT OF DUCTS, MC CABLING, SECURITY CABLING ETC. FIRE ALARM CABLING SHALL NOT TOUCH ANY OTHER SERVICE WHILE PASSING THRU WALLS. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES FOR ALL CABLING PASSING THRU SHEETROCK WALLS.
 - END OF LINE RESISTOR LOCATION SHALL BE PERMANENTLY LABELED IN FIELD AT DEVICE LOCATION. UTILIZE BROTHER P TOUCH TO INDICATE "CIRCUIT * E.O.L."
 - ALL FINAL CONNECTIONS TO FIRE ALARM SYSTEM SHALL BE DONE BY THE CAMPUS FIRE ALARM VENDOR (AFA PROTECTION SYSTEMS) BUT THE CONTRACTOR SHALL INCLUDE THE PRICE OF THIS WORK IN THE BID PRICE.



Key Plan (not to scale)

7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	6/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE
No.	Date	Revision/Submision
STRUCTURAL & SITE CIVIL ENGINEER		
DOMINICK R PILLA ASSOCIATES, P.C. 143 MAIN STREET NYACK, NY 10960 845-727-7793		
MEP ENGINEER		ROOFING CONSULTANT
JMV CONSULTING ENGINEERING, P.C. 37 W. 39 STREET, STE 703 NEW YORK, NY 10018 212-652-9855		WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10995 914-948-3450

Stamp

Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

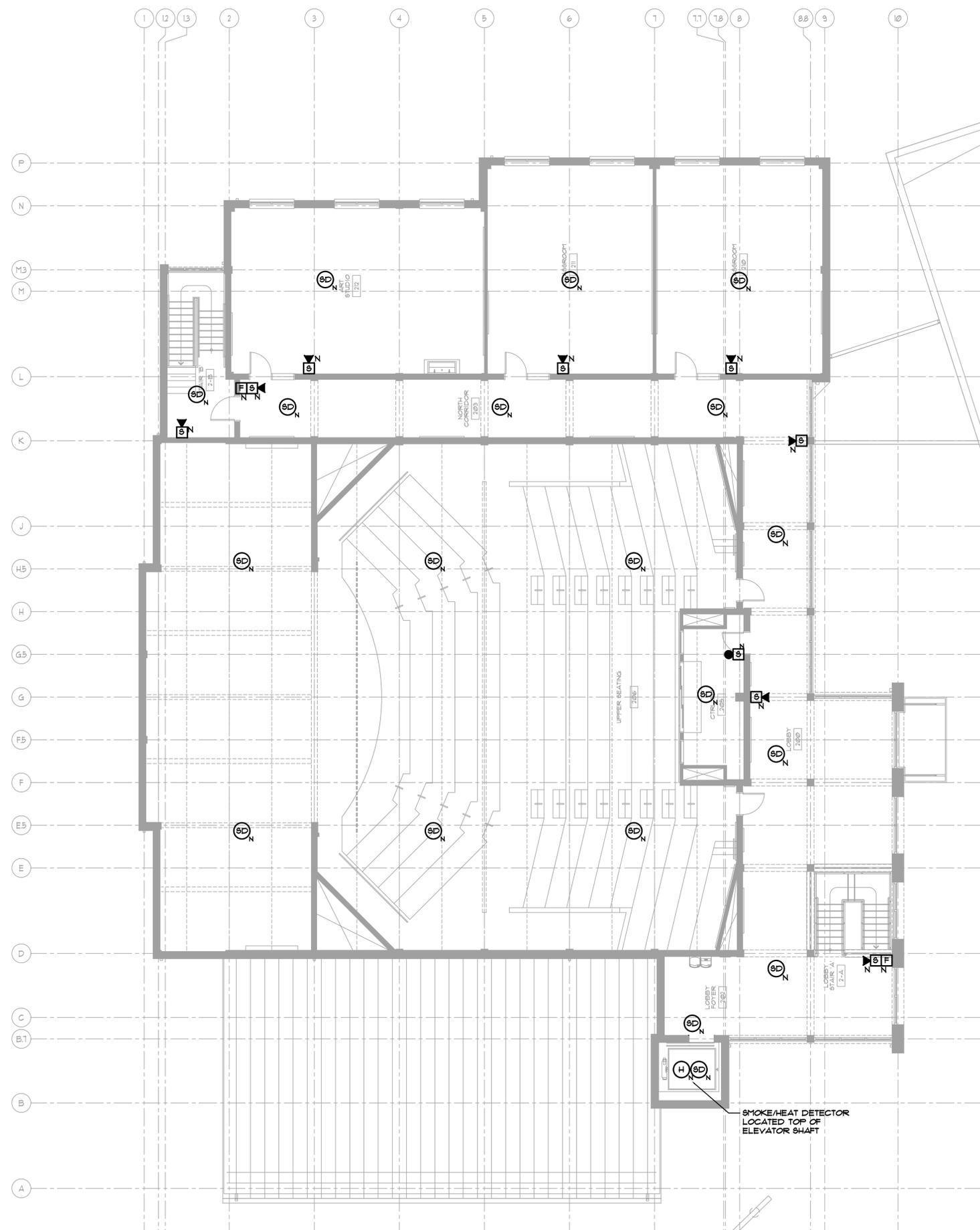
Project Address
**IONA PREPARATORY SCHOOL
 255 Wilnot Road
 New Rochelle, NY 10804**

Drawing Title
**FIRST FLOOR FIRE ALARM
 CONSTRUCTION PLAN**

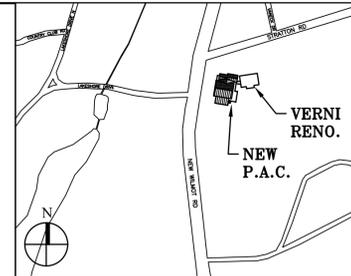
Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	1618	04/03/2019	FA-301
Drawn			

Peter Gisolfi Associates
 Architects Landscape Architects, LLP
 566 Warburton Avenue
 Hastings on Hudson, NY 10706
 914 478 3677

PETER GISOLFI ASSOCIATES



- FIRE ALARM NOTES**
- REFER TO DRAWING FA-501 FOR FIRE ALARM SYMBOL LIST.
 - NEW FIRE ALARM STROBE DEVICES SHALL BE A MINIMUM OF 15/15 CANDELA PER ADA REQUIREMENTS.
 - NEW FIRE ALARM STROBE, HORN/STROBE, AND SPEAKERS/STROBE DEVICES SHALL BE WALL OR COLUMN MOUNTED AT A MINIMUM OF 80 INCHES ABOVE THE FLOOR OR 6 INCHES BELOW CEILING WHICHEVER IS LOWER. ALL FIRE ALARM WIRING SHALL BE TEFLON 'RED' PROVED TO USE IN NEW YORK STATE.
 - IN ACCESSIBLE HUNG CEILING FIRE ALARM WIRING CAN BE RUN EXPOSED, OTHERWISE IN CONDUIT AT ALL OPEN CEILING.
 - LOCATION OF ALL DEVICES REQUIRE ARCHITECT'S/ENGINEER'S APPROVAL PRIOR TO INSTALLATION. CONTRACTOR SHALL LOCATE ALL DEVICES IN FIELD AND OBTAIN ARCHITECT SIGN OFF PRIOR TO INSTALLATION OF ANY ROUGHING DEVICE. ANY DEVICES INSTALLED WITHOUT ARCHITECT'S APPROVAL THAT ARCHITECT/ENGINEER REQUESTS TO BE RELOCATED, SHALL BE MOVED AT NO ADDITIONAL COST.
 - ALL STROBE HORN/STROBE, AND SPEAKER/STROBE DEVICES, INSTALLED IN CLASSROOMS, ETC. SHALL BE MOUNTED VERTICALLY ABOVE THE LIGHT SWITCHES. REFER TO ARCHITECTURAL DETAILS.
 - HORN/STROBE SPEAKER/STROBE DEVICES SHALL BE INSTALLED IN ALL COMMON AREAS SO THAT NO SPACE IS MORE THAN 50 FEET FROM A SPEAKER/STROBE DEVICE.
 - ALL STROBE LIGHTS WITHIN A GIVEN FIELD OF VIEW SHALL BE SYNCHRONIZED.
 - SMOKE DETECTORS SHALL BE LOCATED AND INSTALLED MORE THAN 3-FEET AWAY FROM AN AIR SUPPLY DIFFUSER.
 - A MINIMUM OF TWO (2) SPEAKER AND TWO (2) STROBE CIRCUITS SHALL BE INSTALLED THROUGHOUT FLOOR. DEVICES SHALL BE ALTERNATELY WIRED THROUGHOUT THE FLOOR SO THAT NO TWO DEVICES, ADJACENT TO EACH OTHER IN A GIVEN FIELD OF VIEW SHALL BE ON THE SAME CIRCUIT.
 - DUCT DETECTORS FOR UNITS OVER 2000CFM SHALL BE INSTALLED IN NEW DUCTWORK.
 - ALL FIRE ALARM WIRING SHALL BE PROPERLY SUPPORTED BY THIS CONTRACTOR. ALL NEW CABLING SHALL BE INDEPENDENTLY SUPPORTED FROM SLAB OR BEAMS AT A MINIMUM OF 5 FEET ON CENTER. PROVIDE APPROVED BRIDAL RINGS OR OTHER APPROVED SUPPORTS AS REQUIRED.
 - ALL FIRE ALARM CABLING, PASSING THRU NON RATED SHEETROCK WALLS, SHALL PASS THRU WALL INDEPENDENT OF DUCTS, MC CABLING, SECURITY CABLING ETC. FIRE ALARM CABLING SHALL NOT TOUCH ANY OTHER SERVICE WHILE PASSING THRU WALLS. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES FOR ALL CABLING PASSING THRU SHEETROCK WALLS.
 - END OF LINE RESISTOR LOCATION SHALL BE PERMANENTLY LABELED IN FIELD AT DEVICE LOCATION. UTILIZE BROTHER P TOUCH TO INDICATE "CIRCUIT * E.O.L."
 - ALL FINAL CONNECTIONS TO FIRE ALARM SYSTEM SHALL BE DONE BY THE CAMPUS FIRE ALARM VENDOR (AFA PROTECTION SYSTEMS) BUT THE CONTRACTOR SHALL INCLUDE THE PRICE OF THIS WORK IN THE BID PRICE.



Key Plan (not to scale)

7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	6/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

No.	Date	Revision/Submission
STRUCTURAL & SITE CIVIL ENGINEER		
DOMINICK R PILLA ASSOCIATES, P.C. 143 MAIN STREET NYACK, NY 10960 845-727-7793		
MEP ENGINEER		ROOFING CONSULTANT
JMV CONSULTING ENGINEERING, P.C. 37 W. 39 STREET, STE 703 NEW YORK, NY 10018 212-652-9855		WATSKY ASSOCIATES 20 MADISON AVENUE VALHALLA, NY 10995 914-948-3450

Stamp

Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

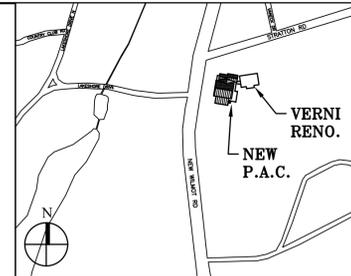
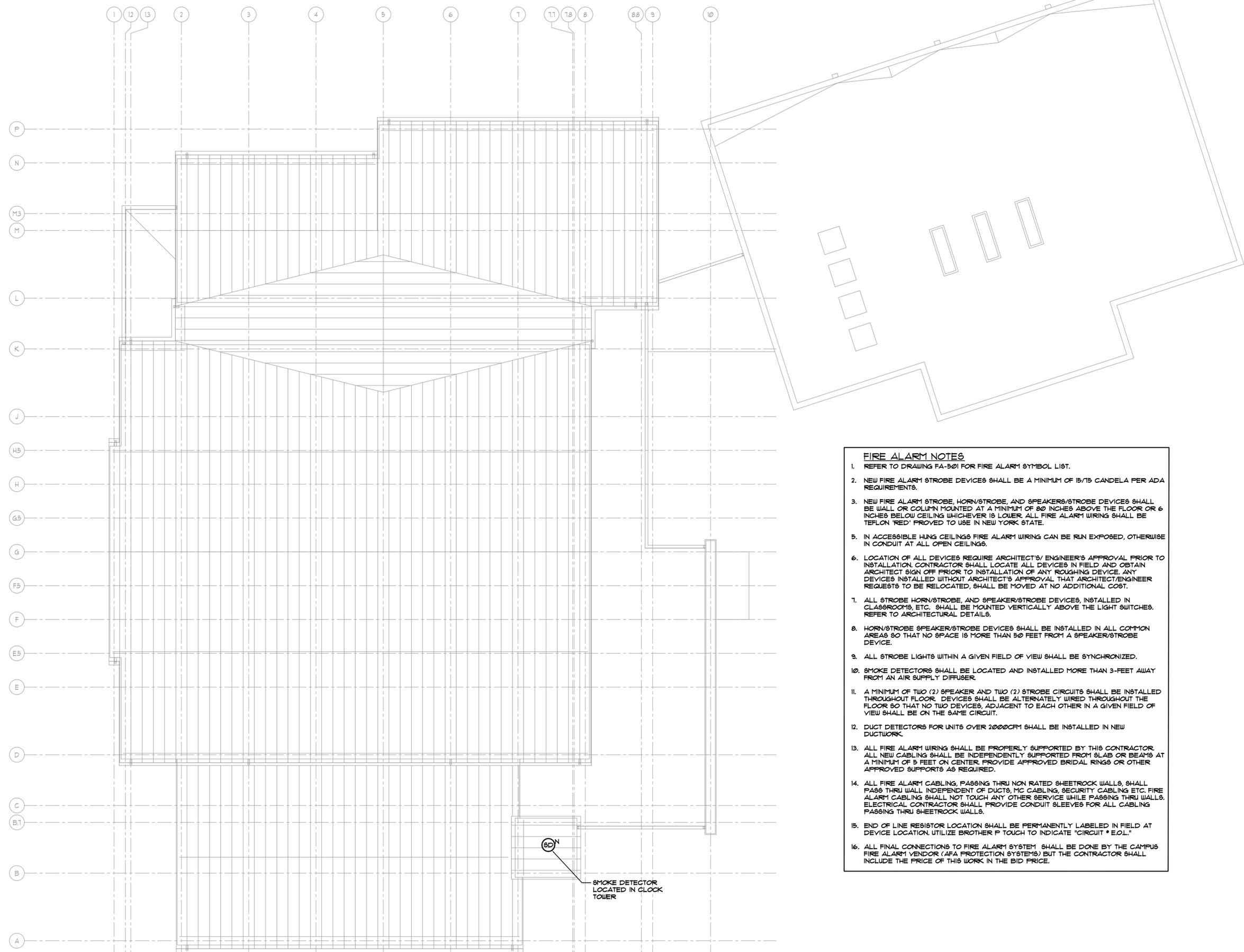
Project Address
**IONA PREPARATORY SCHOOL
 255 Wilnot Road
 New Rochelle, NY 10804**

Drawing Title
**SECOND FLOOR FIRE ALARM
 CONSTRUCTION PLAN**

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	1618	04/03/2019	FA-302
Drawn			

Peter Gisolfi Associates
 Architects Landscape Architects, LLP
 566 Warburton Avenue
 Hastings on Hudson, NY 10706
 914 478 3677

PETER GISOLFI ASSOCIATES



Key Plan (not to scale)

- FIRE ALARM NOTES**
- REFER TO DRAWING FA-301 FOR FIRE ALARM SYMBOL LIST.
 - NEW FIRE ALARM STROBE DEVICES SHALL BE A MINIMUM OF 15/75 CANDELA PER ADA REQUIREMENTS.
 - NEW FIRE ALARM STROBE, HORN/STROBE, AND SPEAKERS/STROBE DEVICES SHALL BE WALL OR COLUMN MOUNTED AT A MINIMUM OF 80 INCHES ABOVE THE FLOOR OR 6 INCHES BELOW CEILING WHICHEVER IS LOWER. ALL FIRE ALARM WIRING SHALL BE TEFLON 'RED' PROVED TO USE IN NEW YORK STATE.
 - IN ACCESSIBLE HUNG CEILING FIRE ALARM WIRING CAN BE RUN EXPOSED, OTHERWISE IN CONDUIT AT ALL OPEN CEILING.
 - LOCATION OF ALL DEVICES REQUIRE ARCHITECT'S/ ENGINEER'S APPROVAL PRIOR TO INSTALLATION. CONTRACTOR SHALL LOCATE ALL DEVICES IN FIELD AND OBTAIN ARCHITECT SIGN OFF PRIOR TO INSTALLATION OF ANY ROUGHING DEVICE. ANY DEVICES INSTALLED WITHOUT ARCHITECT'S APPROVAL THAT ARCHITECT/ENGINEER REQUESTS TO BE RELOCATED, SHALL BE MOVED AT NO ADDITIONAL COST.
 - ALL STROBE HORN/STROBE, AND SPEAKER/STROBE DEVICES, INSTALLED IN CLASSROOMS, ETC. SHALL BE MOUNTED VERTICALLY ABOVE THE LIGHT SWITCHES. REFER TO ARCHITECTURAL DETAILS.
 - HORN/STROBE SPEAKER/STROBE DEVICES SHALL BE INSTALLED IN ALL COMMON AREAS SO THAT NO SPACE IS MORE THAN 50 FEET FROM A SPEAKER/STROBE DEVICE.
 - ALL STROBE LIGHTS WITHIN A GIVEN FIELD OF VIEW SHALL BE SYNCHRONIZED.
 - SMOKE DETECTORS SHALL BE LOCATED AND INSTALLED MORE THAN 3- FEET AWAY FROM AN AIR SUPPLY DIFFUSER.
 - A MINIMUM OF TWO (2) SPEAKER AND TWO (2) STROBE CIRCUITS SHALL BE INSTALLED THROUGHOUT FLOOR. DEVICES SHALL BE ALTERNATELY WIRED THROUGHOUT THE FLOOR SO THAT NO TWO DEVICES, ADJACENT TO EACH OTHER IN A GIVEN FIELD OF VIEW SHALL BE ON THE SAME CIRCUIT.
 - DUCT DETECTORS FOR UNITS OVER 2000CFM SHALL BE INSTALLED IN NEW DUCTWORK.
 - ALL FIRE ALARM WIRING SHALL BE PROPERLY SUPPORTED BY THIS CONTRACTOR. ALL NEW CABLING SHALL BE INDEPENDENTLY SUPPORTED FROM SLAB OR BEAMS AT A MINIMUM OF 5 FEET ON CENTER. PROVIDE APPROVED BRIDAL RINGS OR OTHER APPROVED SUPPORTS AS REQUIRED.
 - ALL FIRE ALARM CABLING, PASSING THRU NON RATED SHEETROCK WALLS, SHALL PASS THRU WALL INDEPENDENT OF DUCTS, MC CABLING, SECURITY CABLING ETC. FIRE ALARM CABLING SHALL NOT TOUCH ANY OTHER SERVICE WHILE PASSING THRU WALLS. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES FOR ALL CABLING PASSING THRU SHEETROCK WALLS.
 - END OF LINE RESISTOR LOCATION SHALL BE PERMANENTLY LABELED IN FIELD AT DEVICE LOCATION. UTILIZE BROTHER P TOUCH TO INDICATE "CIRCUIT * E.O.L."
 - ALL FINAL CONNECTIONS TO FIRE ALARM SYSTEM SHALL BE DONE BY THE CAMPUS FIRE ALARM VENDOR (AFA PROTECTION SYSTEMS) BUT THE CONTRACTOR SHALL INCLUDE THE PRICE OF THIS WORK IN THE BID PRICE.

No.	Date	Revision/Submission
7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	6/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

STRUCTURAL & SITE CIVIL ENGINEER
 DOMINICK R PILLA
 ASSOCIATES, P.C.
 143 MAIN STREET
 NYACK, NY 10960
 845-727-7793

MEP ENGINEER
 JMV CONSULTING
 ENGINEERING, P.C.
 37 W. 39 STREET, STE 703
 NEW YORK, NY 10018
 212-652-9855

ROOFING CONSULTANT
 WATSKY ASSOCIATES
 20 MADISON AVENUE
 VALHALLA, NY 10995
 914-948-3450

Stamp

Project Title
**IONA PREPARATORY SCHOOL
 ADDITION AND ALTERATION TO THE
 PAUL VERNI FINE ARTS CENTER**

Project Address
**IONA PREPARATORY SCHOOL
 255 Wilnot Road
 New Rochelle, NY 10804**

Drawing Title
**ROOF LEVEL FIRE ALARM
 CONSTRUCTION PLAN**

Scale	Job No.	Date	Drawing No.
1/8"=1'-0"	1618	04/03/2019	FA-303

Drawn

Peter Gisolfi Associates
 Architects - Landscape Architects, LLP
 566 Warburton Avenue
 Hastings on Hudson, NY 10706
 914 478 3677

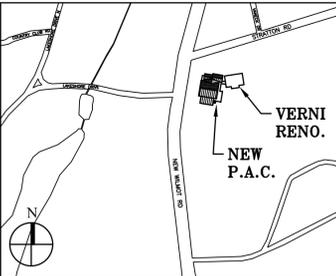
PETER GISOLFI ASSOCIATES

SYMBOL LIST			
Ⓢ	SMOKE DETECTOR	TB	TERMINAL BOX
H	HEAT DETECTOR	SPS	STROBE POWER SUPPLY
WS	WARDEN STATION 1B (2) PAIR	FDS	FIRE ALARM FUSED DISCONNECT SWITCH
SA	NEW SPEAKER/STROBE DEVICE ON CIRCUIT 'A'	R	CONNECTION TO SECURITY PANEL FOR DOOR RELEASE
SB	STROBE ONLY DEVICE ON CIRCUIT 'B'	HA	NEW HORN/STROBE DEVICE ON CIRCUIT 'A'
F	MANUAL FULL STATION	N/E/R	NEW / EXISTING / REMOVE
		■	REMOVE EXISTING DEVICE

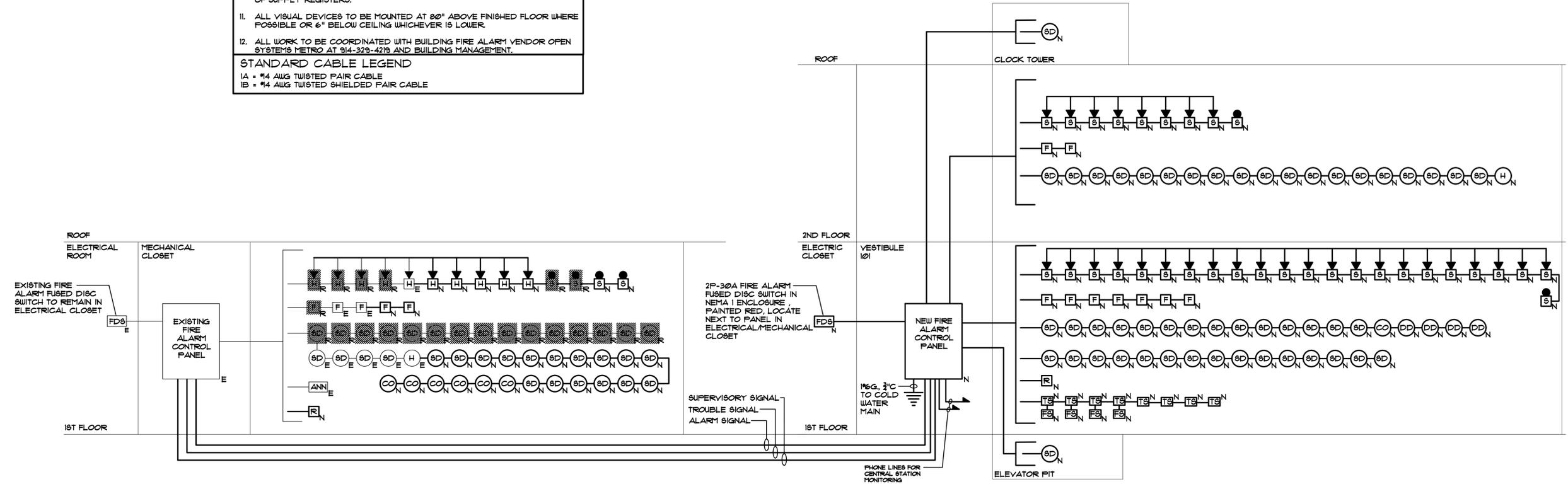
- FIRE ALARM RISER NOTES**
- IDENTIFYING LETTERS OR NUMBERS ADJACENT TO DEVICE DENOTE DEVICE ZONE OR DEVICE ADDRESS. (TWO CIRCUITS EACH FOR STROBE AND/OR HORN AND SPEAKER/STROBES), DEPENDANT ON WHICH BUILDING.
 - ALL WIRING MUST CONFORM WITH LOCAL CODES.
 - ALL CIRCUIT POLARITIES MUST BE OBSERVED.
 - ALL CIRCUIT WIRING SHALL BE SIZED IN CONFORMANCE WITH THE CABLE LEGEND BELOW.
 - CONDUCTORS FOR OTHER ELECTRICAL SYSTEMS IN THE BUILDING SHALL NOT BE INSTALLED IN FIRE ALARM.
 - ALL WIRING MUST BE CHECKED FOR OPENS, GROUND FAULTS AND SHORTS BEFORE CONNECTING TO CONTROLS.
 - NO CHANGES MAY BE MADE TO THIS SYSTEM WITHOUT APPROVAL BY THE ENGINEER OR BUILDING MANAGEMENT.
 - NEW HORN AND SPEAKER/STROBE AND STROBE ONLY DEVICES SHALL BE PROVIDED WITH WHITE COVERPLATES UNLESS NOTED. COORDINATE FINAL LOCATION OF DEVICES AND FINISH AND TRIM WITH ARCHITECT PRIOR TO INSTALLATION.
 - ALL DETECTION, AUDIBLE/VISUAL AND INITIATING DEVICE CIRCUIT WIRING SHALL BE SUPERVISED. NO PARALLEL BRANCHING OR "T-TAPPING" OF NON-ADDRESSABLE CIRCUITS IS PERMISSIBLE UNLESS SPECIFICALLY STATED OTHERWISE.
 - SMOKE DETECTORS SHALL NOT BE LOCATED DIRECTLY IN THE AIRSTREAM OF SUPPLY REGISTERS.
 - ALL VISUAL DEVICES TO BE MOUNTED AT 80" ABOVE FINISHED FLOOR WHERE POSSIBLE OR 6" BELOW CEILING WHICHEVER IS LOWER.
 - ALL WORK TO BE COORDINATED WITH BUILDING FIRE ALARM VENDOR OPEN SYSTEMS METRO AT 914-329-4219 AND BUILDING MANAGEMENT.
- STANDARD CABLE LEGEND**
- 1A = #14 AWG TWISTED PAIR CABLE
 1B = #14 AWG TWISTED SHIELDED PAIR CABLE

INPUT/OUTPUT MATRIX

	CONTROL UNIT ANNUNCIATION																NOTIFICATION																REQ. FIRE SAFETY CNTRL.															
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
MANUAL FULL STATION	●	●															●	●															●	●														
SMOKE DETECTORS	●	●															●	●															●	●														
SMOKE DETECTORS - ELEVATOR	●	●															●	●															●	●														
IN-DUCT SMOKE DETECTOR-SUPPLY	●	●															●	●															●	●														
IN-DUCT SMOKE DETECTOR-RETURN	●	●															●	●															●	●														
WATER-FLOW	●	●															●	●															●	●														
SPRINKLER CONTROL VALVE																	●	●															●	●														
FIRE ALARM AC POWER FAILURE																	●	●															●	●														
FIRE ALARM SYSTEM LOW BATTERY																	●	●															●	●														
OPEN CIRCUIT																	●	●															●	●														
GROUND FAULT																	●	●															●	●														
NOTIFICATION APPLIANCE CIRCUIT SHORT																	●	●															●	●														
RESET BUTTON BUILT INTO FACP																	●	●															●	●														



Key Plan (not to scale)



FIRE ALARM RISER DIAGRAM FOR EXISTING VERNI BUILDING NOT TO SCALE

FIRE ALARM RISER DIAGRAM FOR NEW VERNI PERFORMING ARTS CENTER NOT TO SCALE

No.	Date	Revision/Submission
7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	6/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE

STRUCTURAL & SITE CIVIL ENGINEER
 DOMINICK R PILLA ASSOCIATES, P.C.
 143 MAIN STREET
 NYACK, NY 10960
 845-727-7793

MEP ENGINEER
 JMV CONSULTING ENGINEERING, P.C.
 37 W. 39 STREET, STE 703
 NEW YORK, NY 10018
 212-652-9855

ROOFING CONSULTANT
 WATSKY ASSOCIATES
 20 MADISON AVENUE
 VALHALLA, NY 10595
 914-948-3450

Project Title
 IONA PREPARATORY SCHOOL ADDITION AND ALTERATION TO THE PAUL VERNI FINE ARTS CENTER

Project Address
 IONA PREPARATORY SCHOOL
 255 Wilmot Road
 New Rochelle, NY 10804

Drawing Title
 FIRE ALARM RISER DIAGRAM, MATRIX AND NOTES

Scale	Job No.	Date	Drawing No.
NTS	1618	04/03/2019	FA-501

Peter Gisolfi Associates Architects Landscape Architects, LLP
 566 Warburton Avenue
 Hastings on Hudson, NY 10706
 914 478 3677

PETER GISOLFI ASSOCIATES