SOMERS CENTRAL SCHOOL DISTRICT
FIRE ALARM UPGRADES AT:

PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

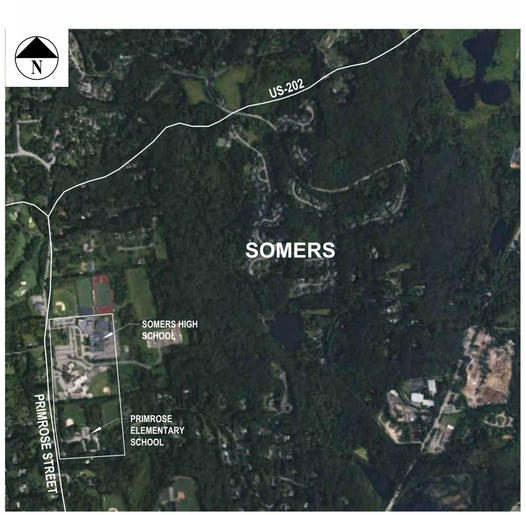
SOMERS INTERMEDIATE SCHOOL

240 US-202
SOMERS, NY 10589

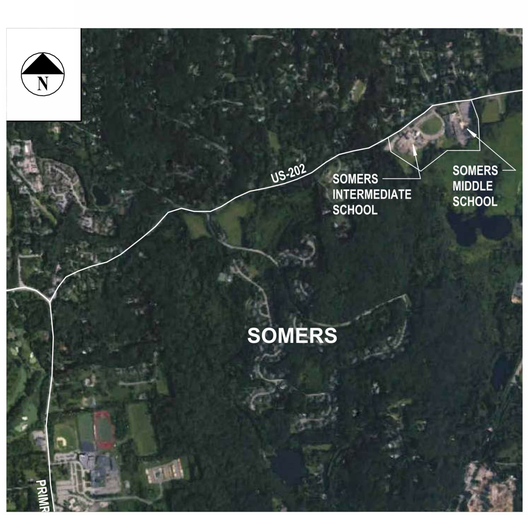
SED #: 66-21-01-06-0-006-021

CONTRACT FA - FIRE ALARM CONSTRUCTION

LOCATION MAP - PRIMROSE ELEMENTARY SCHOOL



LOCATION MAP - SOMERS INTERMEDIATE SCHOOL



PE - DRAWING LIST

1) GENERAL	
PE-G 000	COVER SHEET AND GENERAL NOTES
PE-G 100	EXISTING FIRST FLOOR PLAN - PART 'A' | (FOR INFORMATION ONLY)
PE-G 101	CODE COMPLIANCE INFORMATION, EXISTING FIRST FLOOR PLAN - PART 'B' | (FOR INFORMATION ONLY)
2) FIRE ALARM	
PE-FAD 100	FIRST FLOOR FIRE ALARM DEMOLITION PLAN - PART 'A'
PE-FAD 101	FIRST FLOOR & BASEMENT FIRE ALARM DEMOLITION PLAN - PART 'B'
PE-FA 001	FIRE ALARM LEGEND
PE-FA 100	FIRST FLOOR FIRE ALARM NEW WORK PLAN - PART 'A'
PE-FA 101	FIRST FLOOR & BASEMENT FIRE ALARM NEW WORK PLAN - PART 'B'
PE-FA 500	FIRE ALARM RISER AND NOTES

SI - DRAWING LIST

1) GENERAL	
SI-G 000	COVER SHEET
SI-G 100	EXISTING FIRST FLOOR PLAN | (FOR INFORMATION ONLY)
SI-G 101	CODE COMPLIANCE INFORMATION AND EXISTING BASEMENT PLAN | (FOR INFORMATION ONLY)
2) FIRE ALARM	
SI-FA 001.00	FIRE ALARM LEGENDS
SI-FAD 100.00	FIRST FLOOR FIRE ALARM DEMOLITION PLAN
SI-FAD 101.00	BASEMENT FIRE ALARM DEMOLITION PLAN
SI-FA 100.00	FIRST FLOOR FIRE ALARM PLAN
SI-FA 101.00	BASEMENT FIRE ALARM NEW WORK PLAN
SI-FA 500.00	FIRE ALARM RISER AND NOTES

H2M architects + engineers
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White Plains, NY 10605
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NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0016178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

KATRINA N. PACHECO, R.A. 09/30/2029
NY PROFESSIONAL ARCHITECT Lic. No. 041183 Exp. Date

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. MANDIC	C. HENRY	L. RAUSCHER	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505-2506	NOVEMBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT SOMERS CSD

110 & 120 PRIMROSE ST
LINCOLNDALE, NY 10540
PE - SED #: 66-21-01-06-0-002-017
SI - SED #: 66-21-01-06-0-006-021

CONTRACT
CONTRACT FA

STATUS
BID DOCUMENTS

SHEET TITLE
COVER SHEET

DRAWING No.
G 001.00

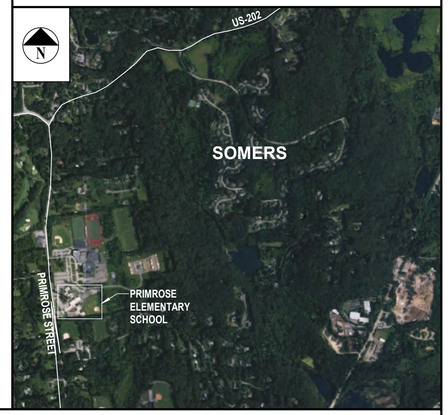
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SOMERS CENTRAL SCHOOL DISTRICT
FIRE ALARM UPGRADES
AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540
SED #: 66-21-01-06-0-002-017

CONTRACT FA - FIRE ALARM CONSTRUCTION

LOCATION MAP



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SYMBOLS LEGEND

BRICK
BATT INSULATION
ROOM NAME / ROOM / 000 / ± S.F. / ROOM NUMBER / AREA — ROOM NUMBER DESIGNATION TAG
A — WINDOW ELEVATION KEY
1i — WALL TYPE
ACOUSTIC TILE / CERAMIC TILE
RIGID INSULATION
1 Title SCALE: 1/8" = 1'-0" — DRAWING TITLE
0 — COLUMN GRID
CONCRETE
GYPSUM BOARD
XX — REVISION TAG
1001A 1001A — DOOR NUMBER
CONCRETE BLOCK
PLYWOOD
12'-0" — PRIMARY CEILING HEIGHT TAG
X'-X" A.F.F. — SECONDARY CEILING HEIGHT TAG
EARTH
WOOD BLOCKING
1 / A 101 — EXTERIOR ELEVATION
A / A / A 101 / A — INTERIOR ELEVATION
STEEL
WOOD
1 / A 101 — SECTION CUT
Ref 1 / FAD 100 — DETAIL KEY

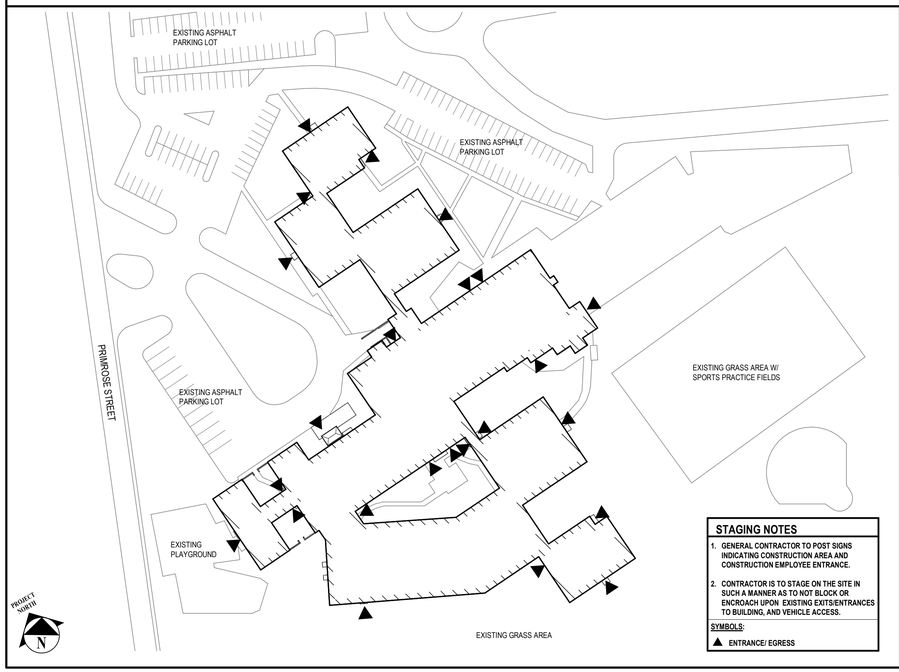
ABBREVIATIONS

AB	ANCHOR BOLT	DS	DOWN SPOUT	MR	MOISTURE RESISTANT
A/C	AIR CONDITIONING	DW	DISHWASHER	NIC	NOT IN CONTRACT
ACI	AMERICAN CONCRETE INSTITUTE	DWG	DRAWING	NTS	NOT TO SCALE
ACT	ACOUSTICAL CEILING TILE	EA	EACH	OC	ON CENTER
ACU	AIR CONDITIONING UNIT	EL	ELEVATION	OD	OUTSIDE DIAMETER
ADJ	ADJUSTABLE	ELEC	ELECTRIC/ELECTRICAL	PLYWD	PLYWOOD
A/E	ARCHITECT/ENGINEER	ELEV	ELEVATOR	PSF	POUNDS PER SQUARE FOOT
AFF	ABOVE FINISH FLOOR	EP	ELECTRICAL PANEL	PSI	POUNDS PER SQUARE INCH
ALUM	ALUMINUM	EPY	EPOXY COATING	PTD	PAINTED
ANCH	ANCHOR	EQ	EQUAL	PVC	POLYVINYL CHLORIDE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	EQUIP	EQUIPMENT	R	RADIUS OR RISER
APA	ACCESS PANEL	EXIST	EXISTING	RCP	REFLECTED CEILING PLAN
APPROX	APPROXIMATELY	EXST	EXHAUST	RD	ROOF DRAIN
ASPH	ASPHALT	FAI	FRESH AIR INTAKE	REINF	REINFORCED
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS	F.A.S.	FALL ARREST SYSTEM	RM	ROOM
AWS	AMERICAN WELDING SOCIETY	F.C.	FIRE CODE	RO	ROUGH OPENING
B	FIRE BLANKET	FD	FLOOR DRAIN	SIM	SIMILAR
BAL	BALANCE	FIN	FINISH	SPEC	SPECIFICATIONS
BB	BULLETIN BOARD	FR	FIRE RATED	SQ	SQUARE
BD	BOARD	FTG	FOOTING	SS	STAINLESS STEEL
BLDG	BUILDING	GA	GAUGE	STL	STEEL
BLK	BLOCK	GWB	GYPSUM WALL BOARD	TEMP	TEMPERATURE
BLKG	BLOCKING	GYP	GYPSUM	TER	TERRAZZO
BM	BEAM	FYP. BD.	GYPSUM BOARD	THK	THICK
B.O.	BOTTOM OF	HC	HANDICAPPED	T.O.	TOP OF
BOL	BOTTOM OF LINTEL	HM	HOLLOW METAL	TYP	TYPICAL
BOT	BOTTOM	HOR	HORIZONTAL	UTIL	UTILITY
CEIL	CEILING	HW	HOT WATER	VB	VAPOR BARRIER
CEM	CEMENT	INSUL	INSULATION/INSULATING	VCT	VINYL COMPOSITION TILE
CER	CERAMIC	INT	INTERIOR	VTR	VENT THRU ROOF
CLO	CLOSET	LAV	LAVATORY	WC	WATER CLOSET
CMU	CONCRETE MASONRY UNIT	LDR	LEADER	WH	WATER HEATER
COL	COLUMN	LT	LIGHT	WWF	WELDED WIRE FABRIC
CONC	CONCRETE	MAX	MAXIMUM		
CONST	CONSTRUCTION	MECH	MECHANICAL		
CONT	CONTINUOUS	MFR	MANUFACTURER		
CORR	CORRIDOR	MISC	MISCELLANEOUS		
CPT	CARPET	MO	MASONRY OPENING		

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE NEW YORK STATE FIRE PREVENTION AND BUILDING CODE AS WELL AS THE NEW YORK STATE EDUCATION DEPARTMENT MANUAL OF PLANNING STANDARDS.
2. ALL NOTES APPEARING HEREIN, WITH THOSE ON VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT DOCUMENTS.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL DIMENSIONS, SQUARE FOOTAGES, LOCATIONS AND QUANTITIES OF ALL ITEMS AND/OR SPACES WHETHER INDICATED IN THE DRAWINGS OR NOT.
4. DO NOT SCALE MEASURE ANY DRAWING. VERIFY THE FIGURES, DIMENSIONS AND DESIGN INTENTION SHOWN ON THE DRAWINGS BEFORE BEGINNING LAYOUT OF THE WORK AND REPORT ANY ERRORS, INACCURACIES, OR CONFLICTS TO THE ARCHITECT/ENGINEER IN WRITING BEFORE BEGINNING ANY WORK.
5. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, LAWS AND STATUTES AS REQUIRED. STRICTLY ADHERE TO MANUFACTURER'S PRINTED INSTRUCTIONS.
6. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
7. DISTURB ONLY THOSE AREAS OF THE SITE AFFECTED BY RENOVATION, UNLESS NOTED OTHERWISE. PROTECT ALL OTHER AREAS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL PATCH AND REPAIR OF EXISTING FINISHES WHICH ARE DAMAGED DURING CONSTRUCTION.
8. EACH CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ANSI ICC A117.1 AND PROVIDE WHERE APPLICABLE ADA COMPLIANT BUILDING COMPONENTS.
9. THE OWNER RESERVES THE RIGHT AT ALL TIMES TO DELIVER, PLACE AND INSTALL EQUIPMENT AND FURNISHINGS AS THE WORK PROGRESSES SO LONG AS THERE IS NOT A CONFLICT WITH THE CONTRACTORS.
10. THE CONTRACTOR SHALL MAINTAIN, AT THE SITE, ONE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS AND APPROVED SHOP DRAWINGS AND APPROVED SAMPLES MARKED CURRENTLY TO RECORD ALL CHANGES DURING CONSTRUCTION.
11. ANY CHANGES TO THE SCOPE OF WORK OR IN THE CONSTRUCTION DETAILS, WHETHER DUE TO FIELD CONDITIONS OR OMISSION SHALL BE DOCUMENTED BY THE ARCHITECT PRIOR TO EXECUTION. ANY INCREASE OR DECREASE IN THE CONTRACT PRICE MUST BE APPROVED IN WRITING PRIOR TO EXECUTION.
12. THE CONTRACTOR BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT THEY HAVE INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / ENGINEER PRIOR TO THE SUBMISSION OF BIDS. FAILURE TO DO SO WILL NOT RESULT IN A CHANGE TO THE CONTRACT PRICE IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE ALL NECESSARY ACCOMMODATIONS TO COMPLETE THE SCOPE OF WORK.
13. CONTRACTORS SHALL POST A COPY OF THE PERMIT ISSUED BY THE N.Y.S. EDUCATION DEPARTMENT DURING THE ENTIRE DURATION OF PROJECT.
14. FOLLOW MANUFACTURER RECOMMENDATIONS FOR ALL HARDWARE AND FASTENERS INTO TREATED WOODS AND METALS.

STAGING PLAN (N.T.S.)



STAGING NOTES

1. GENERAL CONTRACTOR TO POST SIGNS INDICATING CONSTRUCTION AREA AND CONSTRUCTION EMPLOYEE ENTRANCE.
2. CONTRACTOR IS TO STAGE ON THE SITE IN SUCH A MANNER AS TO NOT BLOCK OR ENCROACH UPON EXISTING EXITS/ENTRANCES TO BUILDING, AND VEHICLE ACCESS.

SYMBOLS:
▲ ENTRANCE/ EGRESS

DRAWING LIST

1) GENERAL	
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PE-G 101	CODE COMPLIANCE INFORMATION, EXISTING FIRST FLOOR PLAN - PART 'B'
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PE-FA 101	FIRST FLOOR & BASEMENT FIRE ALARM NEW WORK PLAN - PART 'B'
PE-FA 500	FIRE ALARM RISER AND NOTES

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
Exp. Date

KATRINA N. PACHECO, R.A.
NY PROFESSIONAL ARCHITECT Lic. No. 041183

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

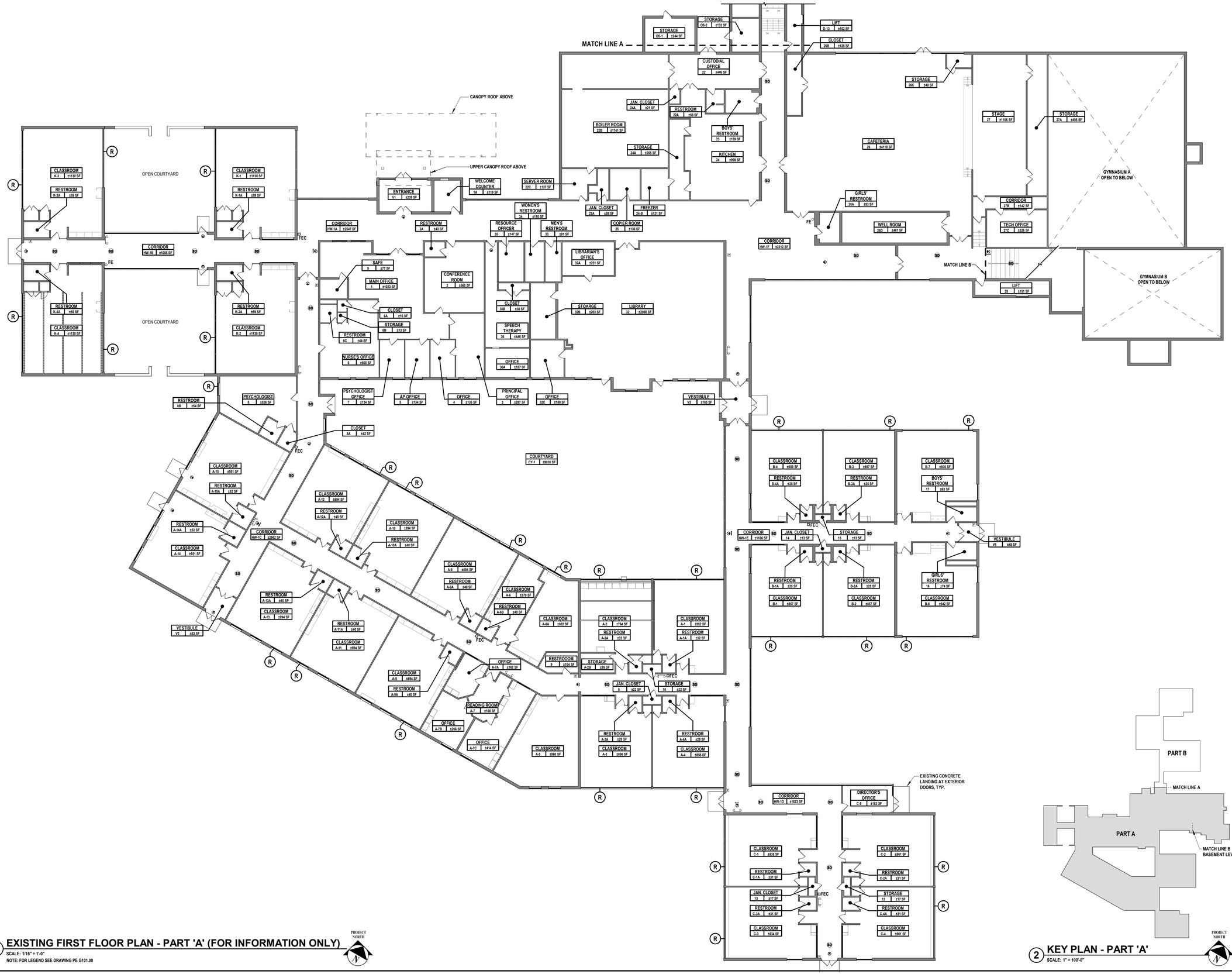
CONTRACT
ALL CONTRACTS

STATUS
FOR BID

SHEET TITLE
COVER SHEET AND GENERAL NOTES

DRAWING No.
PE-G 000.00

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1 EXISTING FIRST FLOOR PLAN - PART 'A' (FOR INFORMATION ONLY)

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

NOTE: FOR LEGEND SEE DRAWING PE G101.00

2 KEY PLAN - PART 'A'

SCALE: 1" = 100'-0"

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NY Architecture & Landscape Architecture: No Certificate Required
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CONSULTANTS:

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Katrina N. Pacheco 09/30/2029

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M. LUCK	M. LUCK	S. MANDIC	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505 - 2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

PRIMROSE ELEMENTARY SCHOOL:
110 PRIMROSE ST, LINCOLNDALE, NY 10540
SED#: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL:
240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT

ALL CONTRACTS

STATUS

FOR BID

SHEET TITLE

EXISTING FIRST FLOOR PLAN - PART 'A' (FOR INFORMATION ONLY)

DRAWING No.

PE-G 100.00

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LEGEND

ROOM NAME / ROOM / 000 ± S.F. / ROOM NUMBER / AREA	ROOM NUMBER DESIGNATION TAG
FE / FEC	EXISTING FIRE EXTINGUISHER / EXISTING FIRE EXTINGUISHER CABINET
F	EXISTING PULL STATION
ST	EXISTING FIRE ALARM STROBE
H	EXISTING HORN / STROBE COMBO
H	EXISTING FIRE ALARM HORN
B	EXISTING FIRE ALARM BELL
AED	EXISTING AUTOMATED EXTERNAL DEFIBRILLATOR
SD	EXISTING SMOKE DETECTOR
	EXISTING EXIT SIGN
EL	EXISTING EMERGENCY LIGHTING
EX / EL	EXISTING EXIT SIGN AND EMERGENCY LIGHTING
R	INDICATES EXISTING WINDOW LOCATIONS

BUILDING CODE OF NEW YORK STATE

(EXISTING BUILDING CODE OF NYS)

	EXISTING	ALLOWED	PROPOSED
BUILDING OCCUPANCY	EDUCATIONAL (GROUP E)	EDUCATIONAL (GROUP E)	NO CHANGE
CONSTRUCTION CLASSIFICATION	IIB	IIB	NO CHANGE
HEIGHT (STORIES)	1	2	NO CHANGE
HEIGHT (FEET)	17'-8"	55	NO CHANGE

APPLICABLE BUILDING CODES

- NEW YORK STATE EDUCATION DEPARTMENT MANUAL OF PLANNING STANDARDS 2022
- 2025 BUILDING CODE OF NEW YORK STATE
- 2025 EXISTING BUILDING CODE OF NEW YORK STATE
- 2025 FIRE CODE OF NEW YORK STATE
- 2025 MECHANICAL CODE OF NEW YORK STATE
- 2025 PLUMBING CODE OF NEW YORK STATE
- 2025 FUEL GAS CODE OF NEW YORK STATE
- NFPA 70 - NATIONAL ELECTRICAL CODE - 2023 EDITION
- ACCESSIBLE BUILDINGS ICC/ANSI A117.1- 2017 EDITION
- AMERICANS WITH DISABILITIES ACT

2025 EXISTING BUILDING CODE OF NEW YORK STATE COMPLIANCE & PROJECT SCOPE

ALTERATION - LEVEL 1

EBCNYS CHAPTER 6 - CLASSIFICATION OF WORK

SECTION 602- ALTERATION - LEVEL 1

602.1 SCOPE: LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE.

602.2 APPLICATION: LEVEL 1 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7.

EBCNYS CHAPTER 7 - ALTERATIONS - LEVEL 1

SECTION 701 - GENERAL

701.1 SCOPE: LEVEL 1 ALTERATIONS AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER. LEVEL 1 ALTERATIONS TO HISTORIC BUILDINGS SHALL COMPLY WITH THIS CHAPTER, EXCEPT AS MODIFIED IN CHAPTER 12.

ALTERATION WORK AT THIS BUILDING CONSISTS OF THE FOLLOWING:

INTERIOR

1. REMOVAL AND REPLACEMENT OF ELECTRICAL PANEL BOARDS.
2. RESTROOM PLUMBING FIXTURE AND FINISHES REPLACEMENTS.
3. REPLACEMENT OF FLOORING THROUGHOUT.
4. REPLACEMENT OF MAIN OFFICE SUITE WIRE GLASS WINDOWS AND UPGRADES TO SAFETY GLASS.

EXTERIOR

1. REMOVAL AND REPLACEMENT OF FRONT ENTRY PAVILION & ATTACHED CANOPY.
2. REPOINTING OF EXTERIOR MASONRY.
3. REMOVAL AND REPLACEMENT OF LOUVERS.
4. REMOVAL AND REPLACEMENT OF DOOR THRESHOLDS AND CONCRETE LANDINGS.
5. REMOVAL AND REPLACEMENT OF UNDERGROUND WATER STORAGE TANKS.

GENERAL CODE NOTES - ALTERATION LEVEL 1

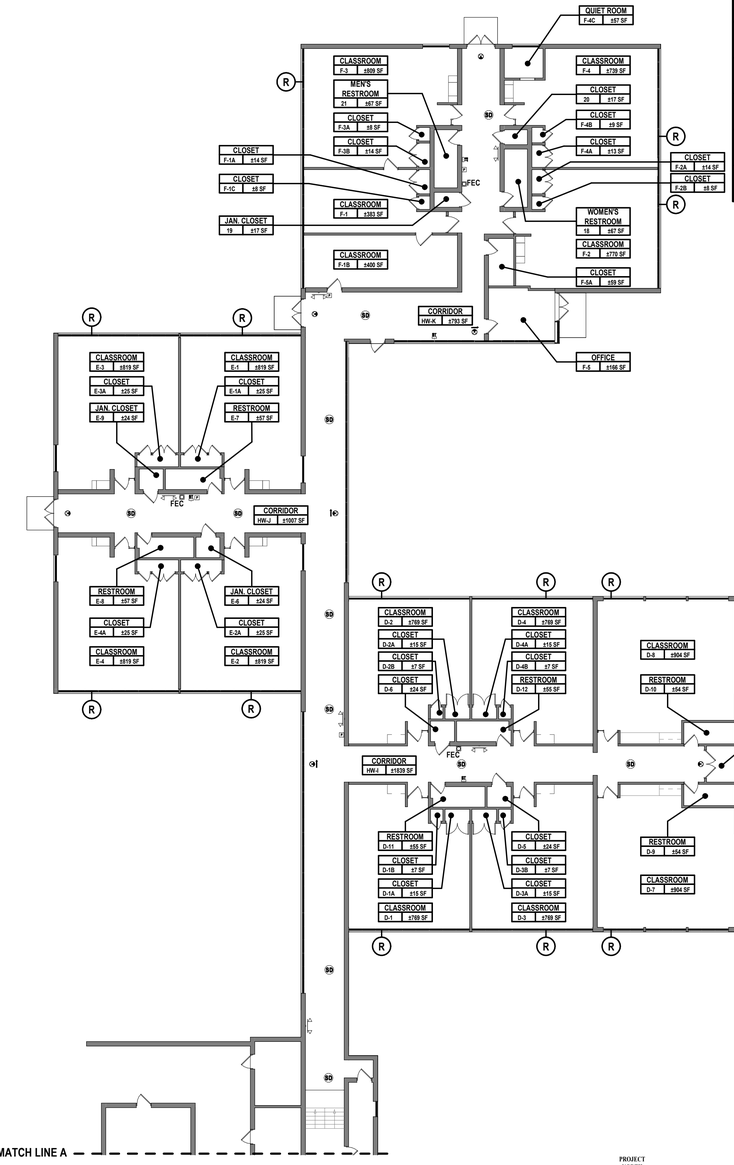
(NYS EXISTING BUILDING CODE)

1. "THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE", IS CLASSIFIED AS AN ALTERATION LEVEL 1 PER EBCNYS SECTION 602.1.
2. EXISTING EGRESS SHALL BE MAINTAINED. EXISTING EXIT SIGNS TO REMAIN (TYP. FOR ALL)
3. EXISTING ACCESSIBILITY SHALL BE MAINTAINED. IT IS CONSIDERED TECHNICALLY INFEASIBLE TO INCREASE ACCESSIBILITY FOR EXISTING DOORS RECESSED WITHIN EXISTING CONSTRUCTION AS EXISTING CONDITIONS PROHIBIT MODIFICATION NECESSARY TO PROVIDE ACCESSIBILITY.
4. EXISTING SMOKE DETECTORS TO REMAIN (TYP. FOR ALL).
5. ALL GLAZING IN DOORS, FIXED SIDE PANELS ADJOINING DOORS, INTERIOR PARTITIONS WHERE GLAZING EXTENDS TO WITHIN 1'-6" OF FINISHED FLOOR AND GLASS PANELS GREATER THAN 50 SQ. FT. TO BE FULLY TEMPERED SAFETY GLASS PER 2406.1.
6. ACCESSIBLE ENTRANCES AND EXITS ARE PROVIDED AS REQUIRED INTO THE BUILDING FROM THE EXTERIOR PER 1105.1.
7. INTERIOR GLAZING SIZES AND TYPES SHALL COMPLY WITH FIRE RATING (UL 263, ASTM E119) PER 703.6.

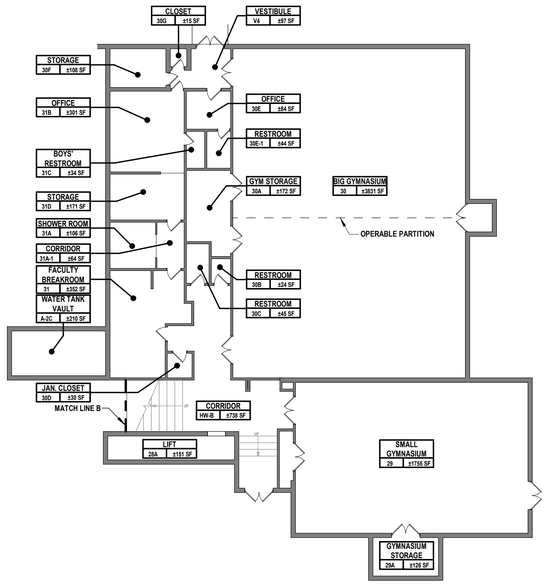
CHAPTER 7 - ALTERATION LEVEL 1

(EXISTING BUILDING CODE OF NYS)

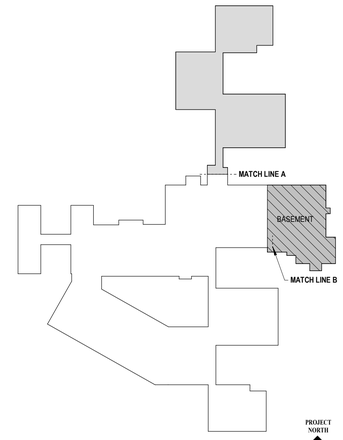
CODE SECTION	REQUIRED/ALLOWED	ACTUAL AND PROPOSED
SECTION 701.1	LEVEL 1 ALTERATIONS AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 7	WORK SHALL COMPLY WITH THE BCNYS AND NYSED MANUAL OF PLANNING STANDARDS
SECTION 702 BUILDING ELEMENTS AND MATERIALS	NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE BUILDING CODE OF NEW YORK STATE	COMPLIES
SECTION 703 FIRE SEPARATION	ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.	COMPLIES
SECTION 704 MEANS OF EGRESS	ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF MEANS OF EGRESS PROVIDED.	COMPLIES
SECTION 706 STRUCTURAL	WHERE ALTERATION WORK INCLUDES REPLACEMENT OF EQUIPMENT THAT IS SUPPORTED BY THE BUILDING OR WHERE A REROOFING PERMIT IS REQUIRED, THE PROVISIONS OF THIS SECTION SHALL APPLY.	DOES NOT APPLY
SECTION 708 ENERGY CONSERVATION	LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES DO NOT REQUIRE THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION ONLY.	DOES NOT APPLY



1 EXISTING FIRST FLOOR PLAN - PART 'B' (FOR INFORMATION ONLY)
SCALE: 1/16" = 1'-0"



2 EXISTING BASEMENT (FOR INFORMATION ONLY)
SCALE: 1/16" = 1'-0"



3 KEY PLAN - PART 'B'
SCALE: 1" = 100'-0"

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CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

PRIMROSE ELEMENTARY SCHOOL:
110 PRIMROSE ST, LINCOLNDALE, NY 10540
SED#: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL:
240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT

ALL CONTRACTS

STATUS

FOR BID

SHEET TITLE

CODE COMPLIANCE INFORMATION, EXISTING FIRST FLOOR PLAN - PART 'B' (FOR INFORMATION ONLY)

DRAWING No.

PE-G 101.00

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FIRE ALARM LEGEND

SYMBOL	DESCRIPTION	COMMENTS
FACP	FIRE ALARM CONTROL PANEL.	
RA	REMOTE ANNUNCIATOR WITH BACKBOX.	
S	SMOKE DETECTOR.	
S	SMOKE ALARM. SMOKE ALARMS SHALL BE EQUIPPED WITH 10-YEAR BATTERY BACKUP, VISUAL INDICATOR AND LOCAL SOUNDER BASE (520 MHZ, LOW FREQUENCY).	
S CO	COMBINATION SMOKE/CARBON MONOXIDE ALARM. ALARMS SHALL BE EQUIPPED WITH 10-YEAR BATTERY BACKUP, VISUAL INDICATOR, AND LOCAL SOUNDER BASE (520 MHZ, LOW FREQUENCY).	
RAL S	ABOVE CEILING SMOKE DETECTOR WITH REMOTE ALARM LAMP.	
RAL S CM S/R	DUCT DETECTOR WITH REMOTE ALARM LAMP; "S" DENOTES SUPPLY, "R" DENOTES RETURN. PROVIDE WEATHERPROOF ENCLOSURE WHERE DETECTOR CANNOT BE INSTALLED INSIDE BUILDING. PROVIDE 120V FEED FOR WEATHERPROOF ENCLOSURE FROM NEAREST CONVENIENCE OUTLET POWER FEED.	
RAL S CM	DUCT SMOKE DETECTOR WITH REMOTE ALARM LAMP AND CONTROL MODULE FOR FIRE SMOKE DAMPERS.	
	HEAT DETECTOR.	
F	HEAT DETECTOR 200°.	
CO	CARBON MONOXIDE DETECTOR.	
MH	ADDRESSABLE MINI HORN (520 MHZ, LOW FREQUENCY).	
	HORN/STROBE COMBO.	
	SPEAKER/STROBE COMBINATION	
WP	WEATHER PROOF HORN/STORBE COMBO WITH BACKBOX.	
AM	ADAPTER MODULE WITH MOUNTING PLATE.	
SH	SMOKE HATCH (F.B.O.).	
	STROBE.	
DH	MAGNETIC DOOR HOLDER.	
F	MANUAL PULL STATION WITH BACKBOX.	
CM	CONTROL MODULE (ADDRESSABLE RELAY).	
IAM	INDIVIDUAL ADDRESSABLE MODULE.	
AES	AUTOMATIC EXTINGUISHING SYSTEM.	
	MOTOR STARTER.	
EOL	END OF LINE RESISTOR.	
BT	BEAM DETECTOR TRANSMITTER.	
BR	BEAM DETECTOR RECEIVER.	
SP	SURGE PROTECTOR.	
S EL	SMOKE DETECTOR FOR ELEVATOR RECALL.	
SRP	SUPPRESSION RELEASING PANEL.	
MS	MAINTENANCE SWITCH.	
SOL	SOLENOID (F.B.O.).	
PS	PRESSURE SWITCH.	
TS	TAMPER SWITCH	
FS	FLOW SWITCH	
CS	COIL SUPERVISORY (F.B.O.).	
B	SPRINKLER ALARM BELL.	
KB	KNOX BOX.	
HFSS	HOOD RANGE FIRE SUPPRESSION SYSTEM.	
DCM	DOOR CONTROL MODULE.	
FSS	FIRE SMOKE SHUTTER.	
MM	INDIVIDUAL ADDRESSABLE MONITOR MODULE.	

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JEFFREY L. CZAJKA · No. 073522-1 · LICENSED PROFESSIONAL ENGINEER

7.31.2028
Exp. Date

JEFFREY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 073522

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505 - 2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

PRIMROSE ELEMENTARY SCHOOL:
110 PRIMROSE ST, LINCOLNDALE, NY 10540
SED#: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL:
240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT

CONTRACT FA
FIRE ALARM CONSTRUCTION

STATUS

FOR BID

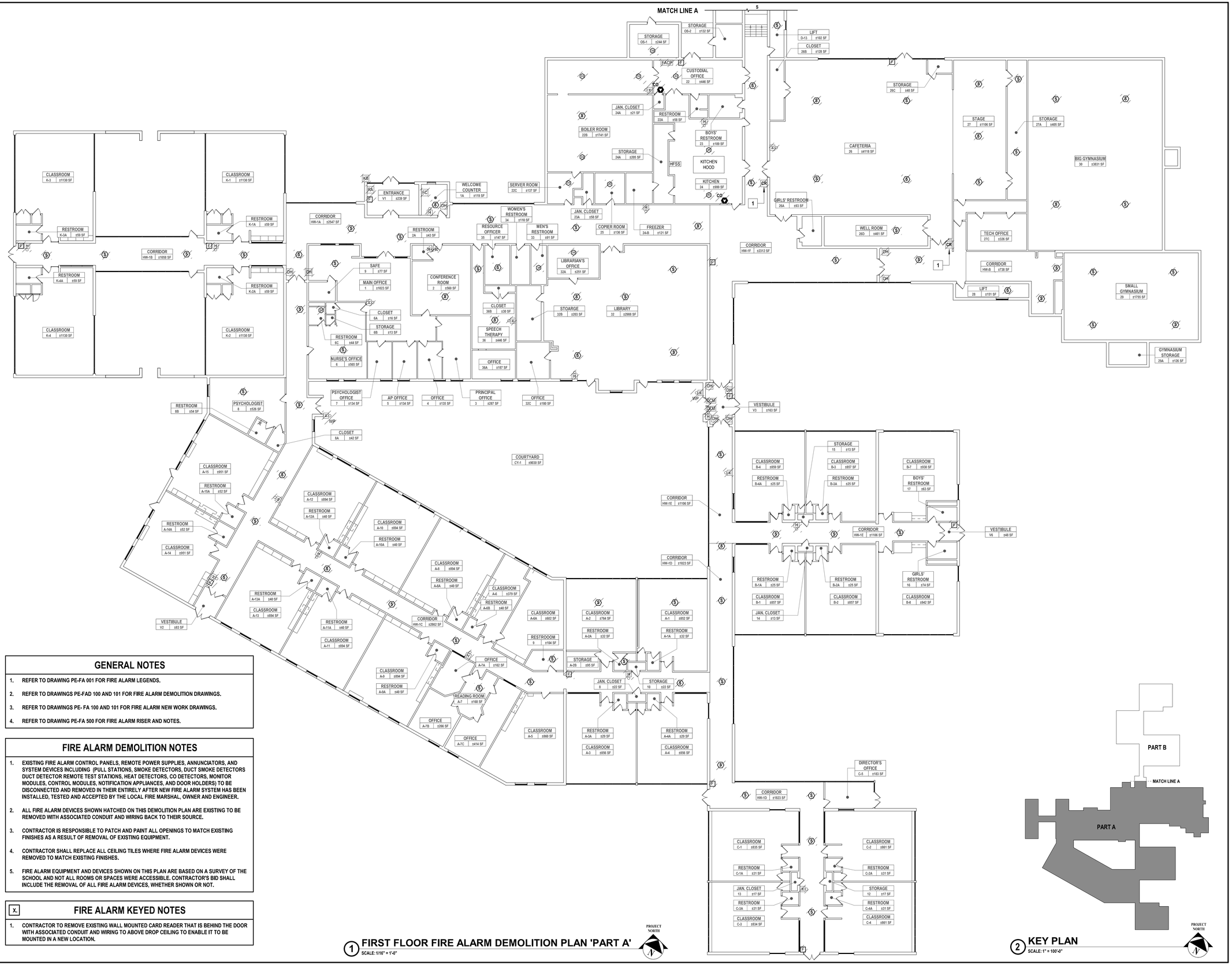
SHEET TITLE

FIRE ALARM LEGEND

DRAWING No.

PE-FA 001.00

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GENERAL NOTES

1. REFER TO DRAWING PE-FA 001 FOR FIRE ALARM LEGENDS.
2. REFER TO DRAWINGS PE-FAD 100 AND 101 FOR FIRE ALARM DEMOLITION DRAWINGS.
3. REFER TO DRAWINGS PE- FA 100 AND 101 FOR FIRE ALARM NEW WORK DRAWINGS.
4. REFER TO DRAWING PE-FA 500 FOR FIRE ALARM RISER AND NOTES.

FIRE ALARM DEMOLITION NOTES

1. EXISTING FIRE ALARM CONTROL PANELS, REMOTE POWER SUPPLIES, ANNUNCIATORS, AND SYSTEM DEVICES INCLUDING (PULL STATIONS, SMOKE DETECTORS, DUCT SMOKE DETECTORS DUCT DETECTOR REMOTE TEST STATIONS, HEAT DETECTORS, CO DETECTORS, MONITOR MODULES, CONTROL MODULES, NOTIFICATION APPLIANCES, AND DOOR HOLDERS) TO BE DISCONNECTED AND REMOVED IN THEIR ENTIRELY AFTER NEW FIRE ALARM SYSTEM HAS BEEN INSTALLED, TESTED AND ACCEPTED BY THE LOCAL FIRE MARSHAL, OWNER AND ENGINEER.
2. ALL FIRE ALARM DEVICES SHOWN HATCHED ON THIS DEMOLITION PLAN ARE EXISTING TO BE REMOVED WITH ASSOCIATED CONDUIT AND WIRING BACK TO THEIR SOURCE.
3. CONTRACTOR IS RESPONSIBLE TO PATCH AND PAINT ALL OPENINGS TO MATCH EXISTING FINISHES AS A RESULT OF REMOVAL OF EXISTING EQUIPMENT.
4. CONTRACTOR SHALL REPLACE ALL CEILING TILES WHERE FIRE ALARM DEVICES WERE REMOVED TO MATCH EXISTING FINISHES.
5. FIRE ALARM EQUIPMENT AND DEVICES SHOWN ON THIS PLAN ARE BASED ON A SURVEY OF THE SCHOOL AND NOT ALL ROOMS OR SPACES WERE ACCESSIBLE. CONTRACTOR'S BID SHALL INCLUDE THE REMOVAL OF ALL FIRE ALARM DEVICES, WHETHER SHOWN OR NOT.

X. FIRE ALARM KEYED NOTES

1. CONTRACTOR TO REMOVE EXISTING WALL MOUNTED CARD READER THAT IS BEHIND THE DOOR WITH ASSOCIATED CONDUIT AND WIRING TO ABOVE DROP CEILING TO ENABLE IT TO BE MOUNTED IN A NEW LOCATION.

1 FIRST FLOOR FIRE ALARM DEMOLITION PLAN 'PART A'
SCALE: 1/16" = 1'-0"

PROJECT NORTH

2 KEY PLAN
SCALE: 1" = 100'-0"

PROJECT NORTH

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SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

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SED#: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL:
240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT
CONTRACT FA
FIRE ALARM CONSTRUCTION

STATUS
FOR BID

SHEET TITLE
FIRST FLOOR FIRE ALARM DEMOLITION PLAN - PART 'A'

DRAWING No.
PE-FAD 100.00

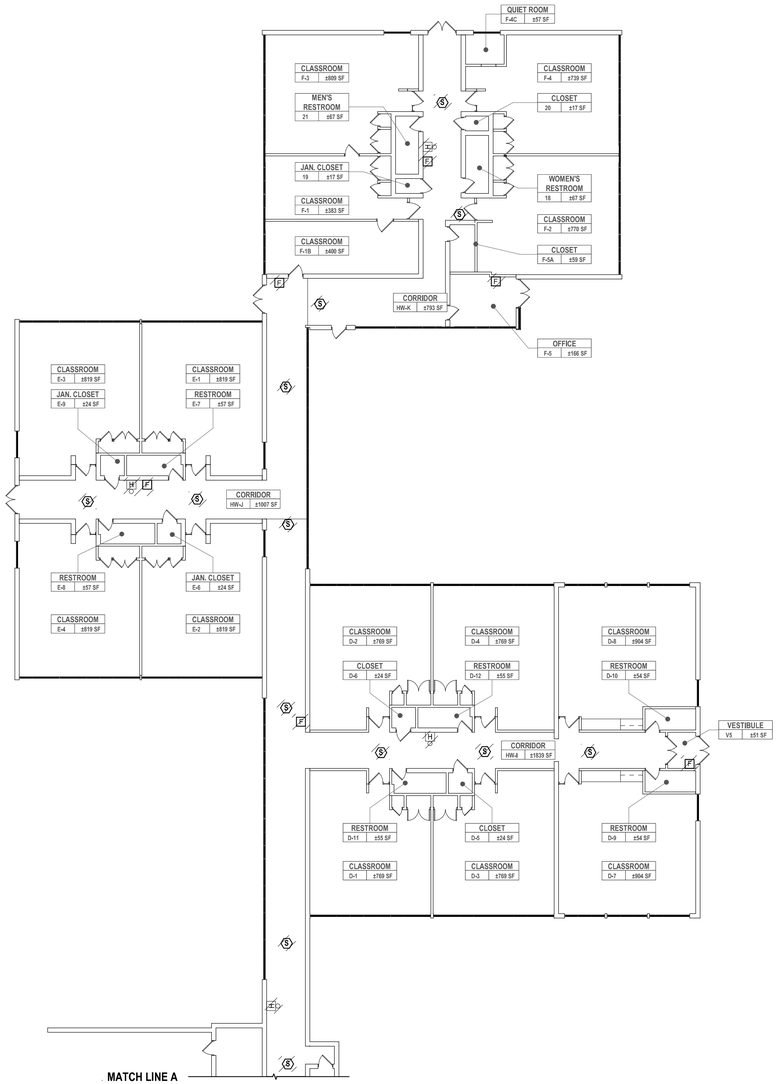
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GENERAL NOTES

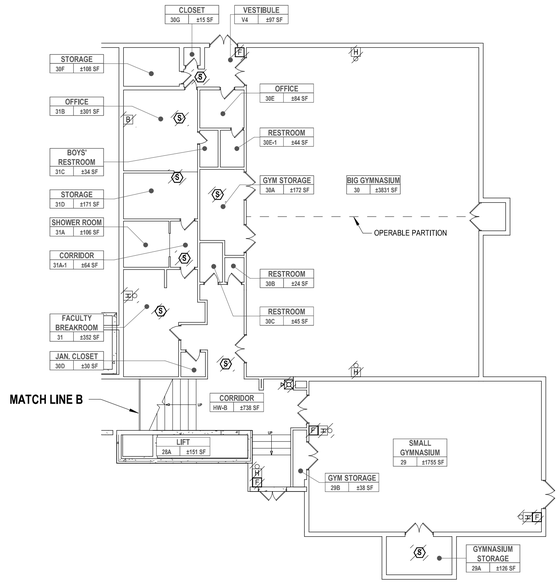
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FIRE ALARM DEMOLITION NOTES

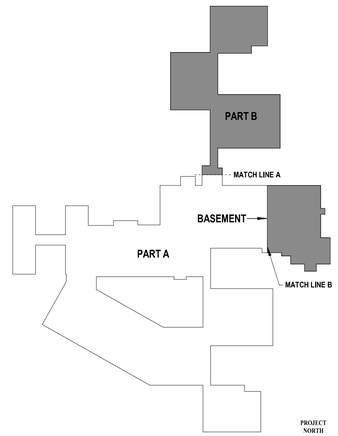
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1 FIRST FLOOR FIRE ALARM DEMOLITION PLAN 'PART B'
SCALE: 1/16" = 1'-0"



2 BASEMENT FIRE ALARM DEMOLITION PLAN
SCALE: 1/16" = 1'-0"



3 KEY PLAN
SCALE: 1" = 100'-0"

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SMSD2505 - 2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

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240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT

CONTRACT FA
FIRE ALARM CONSTRUCTION

STATUS

FOR BID

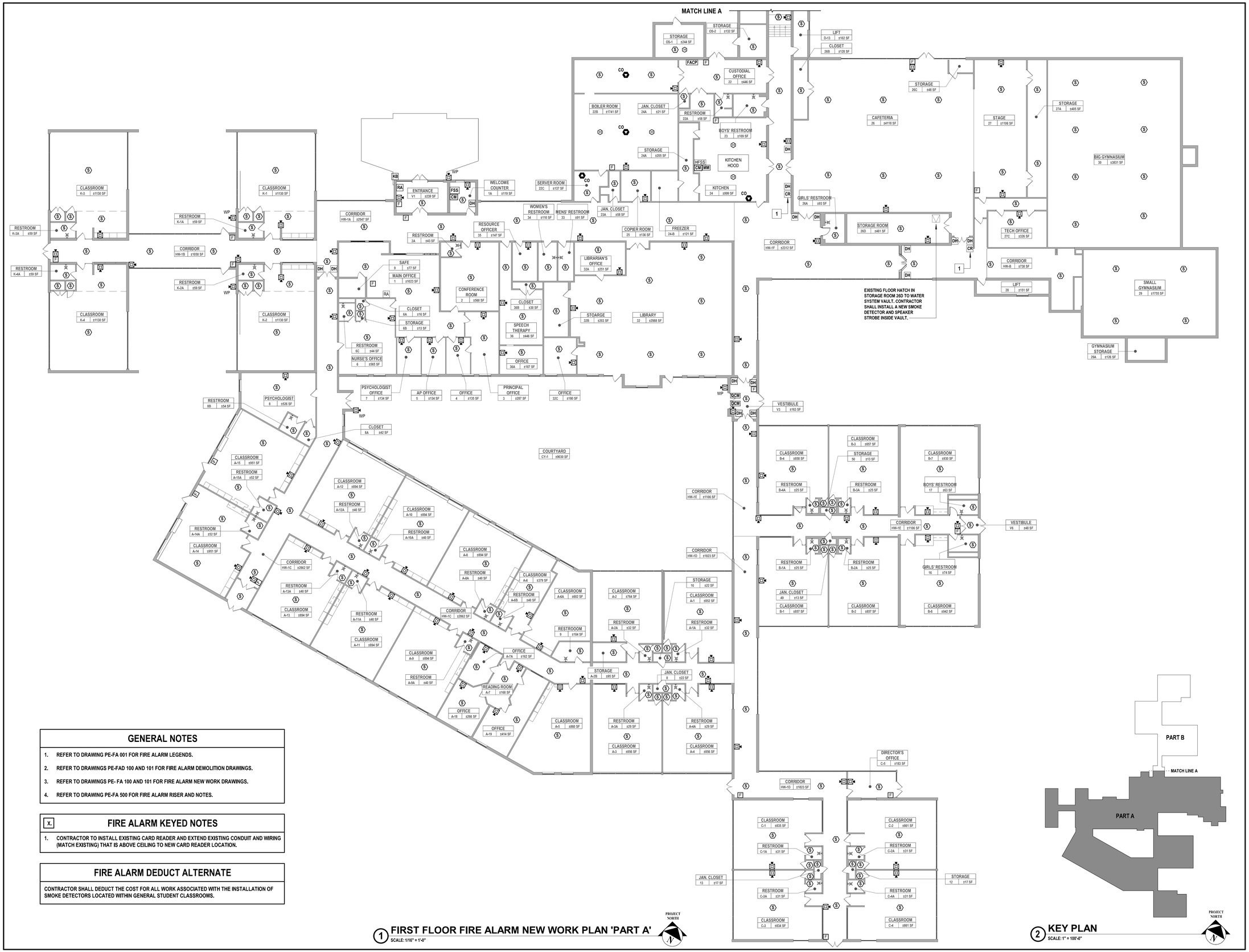
SHEET TITLE

FIRST FLOOR & BASEMENT FIRE ALARM DEMOLITION PLAN - PART 'B'

DRAWING No.

PE-FAD 101.00

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GENERAL NOTES

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4. REFER TO DRAWING PE-FA 500 FOR FIRE ALARM RISER AND NOTES.

X. FIRE ALARM KEYED NOTES

1. CONTRACTOR TO INSTALL EXISTING CARD READER AND EXTEND EXISTING CONDUIT AND WIRING (MATCH EXISTING) THAT IS ABOVE CEILING TO NEW CARD READER LOCATION.

FIRE ALARM DEDUCT ALTERNATE

CONTRACTOR SHALL DEDUCT THE COST FOR ALL WORK ASSOCIATED WITH THE INSTALLATION OF SMOKE DETECTORS LOCATED WITHIN GENERAL STUDENT CLASSROOMS.

1 FIRST FLOOR FIRE ALARM NEW WORK PLAN 'PART A'
SCALE: 1/16" = 1'-0"

PROJECT NORTH

2 KEY PLAN
SCALE: 1" = 100'-0"

PROJECT NORTH

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CONTRACT
CONTRACT FA
FIRE ALARM CONSTRUCTION

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FIRST FLOOR FIRE ALARM NEW WORK PLAN - PART 'A'

DRAWING No.
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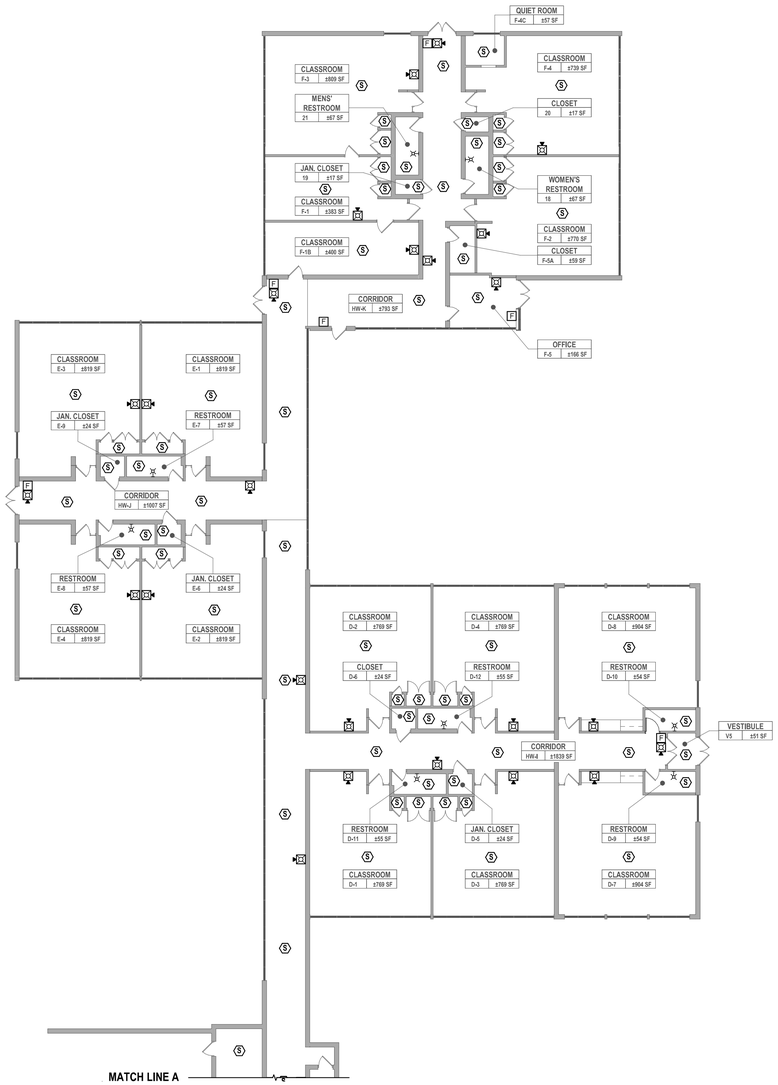
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GENERAL NOTES

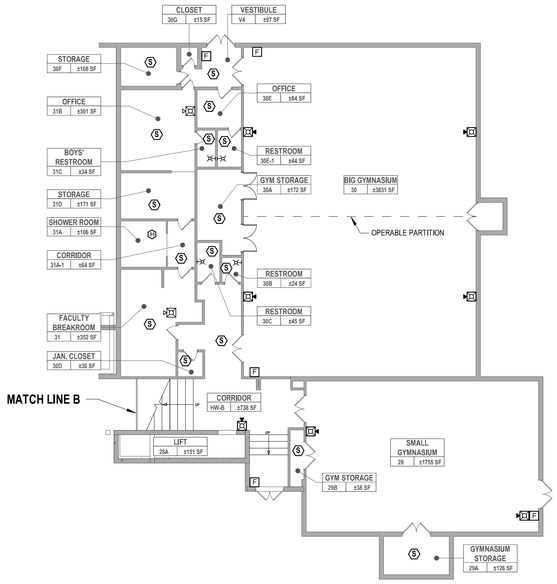
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FIRE ALARM DEDUCT ALTERNATE

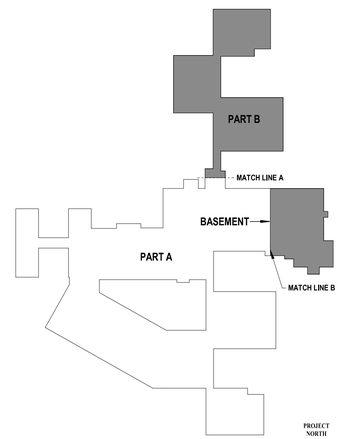
CONTRACTOR SHALL DEDUCT THE COST FOR ALL WORK ASSOCIATED WITH THE INSTALLATION OF SMOKE DETECTORS LOCATED WITHIN GENERAL STUDENT CLASSROOMS.



1 FIRST FLOOR FIRE ALARM NEW WORK PLAN 'PART B'
SCALE: 1/16" = 1'-0"



2 BASEMENT FIRE ALARM NEW WORK PLAN
SCALE: 1/16" = 1'-0"



3 KEY PLAN
SCALE: 1" = 100'-0"

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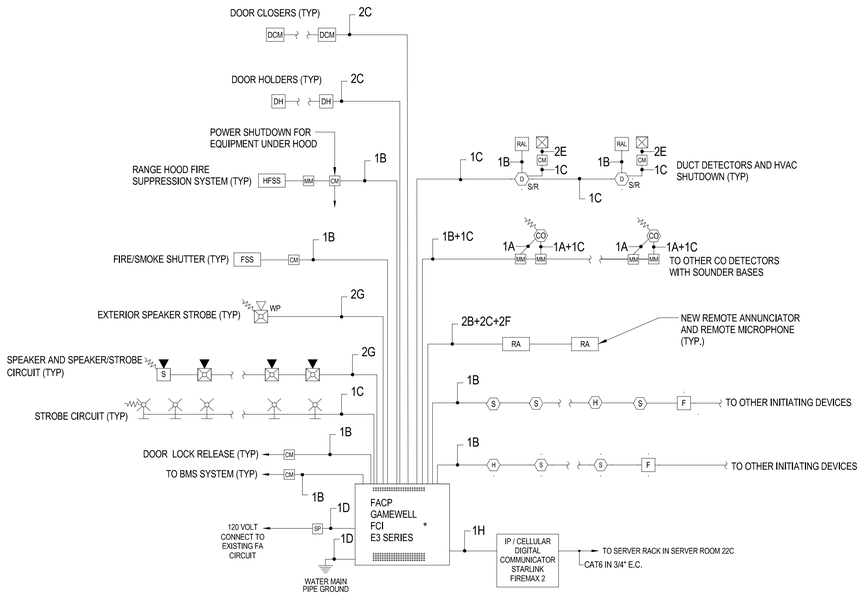
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FIRST FLOOR & BASEMENT FIRE ALARM NEW WORK PLAN - PART 'B'

DRAWING No.

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1 Fire Alarm Riser Diagram (Note #22)

SCALE: NOT TO SCALE

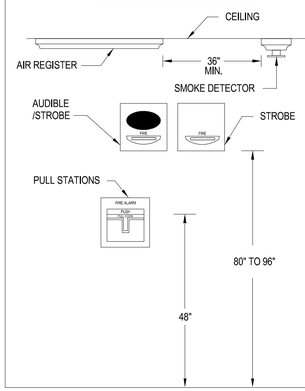
WIRE LEGEND

	WIRE DESCRIPTION	TYPE	NOTES
A	1 PAIR TWISTED SHIELDED #18	FPLP	-
B	1 PAIR #18 AWG. NON SHIELDED	FPLP	-
C	1 PAIR #14 AWG. NON SHIELDED	FPLP	-
D	#12 AWG. NON SHIELDED	THHN	1
E	#14 AWG. NON SHIELDED	THHN	-
F	1 PAIR TWISTED SHIELDED #16	FPLP	-
G	1 PAIR TWISTED SHIELDED #14	FPLP	-
H	MANUFACTURER RECOMMENDED CABLE	-	-

NOTES:

1. PROVIDE ALL 120 VOLT CIRCUITS IN CONDUIT.

TYPICAL DEVICE LOCATIONS



2 Fire Alarm Device Mounting Height Detail

SCALE: NOT TO SCALE

NOTES:

1. ALL WIRING TO BE INSTALLED ACCORDING TO THE LATEST REVISION OF THE NATIONAL ELECTRIC CODE OR AS DICTATED BY CONTRACT SPECIFICATIONS, AND THE 2022 EDITION OF N.F.P.A 72 OR AS REQUIRED BY LOCAL ORDINANCE.
2. ALL CONDUCTORS MUST BE TEST FREE OF OPENS, SHORTS AND GROUNDS.
3. GROUNDING MUST COMPLY WITH THE NATIONAL ELECTRIC CODE. GROUNDING MUST BE No. 12 A.W.G.
4. ALL PANEL TERMINATIONS TO BE SUPERVISED BY A FACTORY AUTHORIZED TECHNICIAN PRIOR TO POWERING EQUIPMENT.
5. FOR COMPONENT WIRING AND INSTALLATION INFORMATION REFER TO MANUFACTURERS REQUIREMENTS.
6. REFER TO CONTRACT DRAWINGS FOR APPROXIMATE DEVICE LOCATIONS. DRAWINGS REPRESENT DEVICE QUANTITIES. SHOP DRAWINGS SHALL BE SUBMITTED SHOWING SCALED LOCATIONS. CONTRACTOR TO SUBMIT PLANS STAMPED BY LICENSED NEW YORK PROFESSIONAL ENGINEER ONLY. SHOP DRAWINGS WITHOUT P.E. STAMP WILL BE AUTOMATICALLY REJECTED.
7. EXISTING FIRE ALARM SYSTEM INCLUDING ALL DEVICES TO BE DISCONNECTED AND REMOVED IN ITS ENTIRETY AFTER NEW FIRE ALARM HAS BEEN TESTED AND ACCEPTED BY LOCAL FIRE MARSHALL, OWNER AND ENGINEER ALL EQUIPMENT, CONDUIT AND WIRING TO BE REMOVED FROM DEVICE BACK TO THEIR ORIGINAL SOURCE.
8. CONTRACTOR RESPONSIBLE TO PATCH & PAINT ALL OPENINGS AS A RESULT OF REMOVAL OF EXISTING EQUIPMENT.
9. INSTALL DETECTORS A MINIMUM OF 3'-0" FROM ANY SUPPLY OR RETURN AIR REGISTERS.
10. WHEN INSTALLING SHIELDED CABLE THE FOLLOWING MUST BE OBSERVED:
    A. METALLIC CONTINUITY MUST BE MAINTAINED THROUGHOUT THE CABLE RUN.
    B. THE CABLE SHIELD MUST BE ISOLATED FROM GROUND AND TERMINATED ONLY IN THE ASSOCIATED CONTROL PANEL AT THE TERMINAL INDICATED ON THE CONTROL PANEL DRAWINGS. THE REMOTE END OF THE SHIELD (AT LAST DEVICE) MUST BE TAPED AND ISOLATED FROM GROUND.
11. ALL STROBE APPLIANCES SHALL BE SYNCHRONIZED. ALL ALARM INDICATING APPLIANCES (SPEAKERS) SHALL SOUND A "TEMPORAL 3' CODE PATTERN FOR SMOKE ALARM AND A "TEMPORAL 4' CODE PATTERN FOR CO ALARM.
12. AFTER ALARM INDICATION. ALL FANS SHALL BE MANUALLY RESET INDEPENDENT FROM F.A.C.P. SYSTEM RESET. PROVIDE ALL REQUIRED HARDWARE ACCESSORIES, MOTOR STARTERS, CONTROLS, POWER AND CONTROL WIRING AND CONDUITS TO PROVIDE INDEPENDENT RESET OF ALL FANS AFTER ALARM INDICATION.
13. INSTALL ALL DEVICES IN ACCORDANCE WITH A.D.A REQUIREMENTS. ALL DEVICES SHALL BE MOUNTED AS FOLLOWS:
    A. - MANUAL PULL STATIONS 48" O.C. TO HANDLE
    B. - ALARM INDICATING APPLIANCE 80" A.F.F.
    C. - VERIFY WITH CONTRACT SPECIFICATIONS FOR ANY DEVIATIONS.
14. ALL STROBES SHALL BE WIRED TO REMAIN ACTIVE AFTER SPEAKERS ARE SILENCED. STROBES SHALL REMAIN ACTIVE UNTIL ALARM IS RESOLVED.
15. PROVIDE AND INSTALL ALL NECESSARY CONTROL (RELAY) MODULES, SYNCHRONIZATION MODULES, ISOLATION MODUELS AND MONITOR MODULES AS REQUIRED BY MANUFACTURER.
16. CONTRACTOR TO INSTALL NECESSARY & REQUIRED POWER SUPPLY UNITS TO ENSURE PROPER OPERATION AT ALL MAGNETIC DOOR HOLDERS, CO DETECTOR, ETC. AS SHOWN ON DRAWINGS OR REQUIRED BY THE MANUFACTURER.
17. PROVIDE AND INSTALL ALL REQUIRED RELAYS TO RELEASE ELECTRIC DOOR LATCHES.
18. COORDINATE EXACT LOCATION OF REMOTE ANNUNCIATOR AND F.A.C.P. WITH AHJ AND OWNER.
19. PROVIDE ALL REQUIRED DUCT SMOKE DETECTORS. CONTRACTOR TO INSTALL DUCT SMOKE DETECTORS. CONTRACTOR TO INTERFACE ALL DUCT DETECTORS WITH FACP.
20. FIRE ALARM RISER DIAGRAM IS SCHEMATIC. REFER TO FLOOR PLANS FOR DEVICE TYPES AND QUANTITIES.
21. PROTECTIVE SHIELDS (STOPPER II) SHALL BE PROVIDED FOR ALL PULL STATIONS. SHIELDS SHALL FIT OVER MANUAL PULL STATIONS AND SHALL INCLUDE A BATTERY OPERATED PIERCING HORN WHEN THE SHIELD IS OPENED.
22. PLENUM RATED DATA AND FIRE ALARM CABLES SHALL BE USED ABOVE DROP CEILINGS.
23. ALL WIRING AND CABLES SHALL BE RUN IN CONDUIT IN UNFINISHED AREAS AND SURFACE METALS RACEWAY IN FINISHED AREAS.
24. ALL EQUIPMENT TO BE RECESSED MOUNTED ON DRYWALL WALLS WITH WIRING RUN CONCEALED.
25. ALL EQUIPMENT TO BE SURFACE MOUNTED ON MASONRY WALLS AND CEILINGS WITH WIRING RUN IN EMT CONDUIT IN UNFINISHED (BOILER ROOMS, STORAGE ROOMS, MECHANICAL ROOMS, ELECTRICAL ROOMS ETC.) AREAS.
26. ALL EQUIPMENT MOUNTED ON THE ROOF AND EXTERIOR OF THE BUILDING TO HAVE WIRING RUN IN RMC CONDUIT.
27. ALL HVAC EQUIPMENT WITH A CFM RATING OF 1000 CFM OR GREATER SHALL BE INTERCONNECTED TO THE FIRE ALARM SYSTEM AND SHUT DOWN UPON FIRE ALARM SYSTEM ALARM ACTIVATION. CONTRACTOR SHALL ALSO PROVIDE AND INSTALL NEW SUPPLY AND RETURN DUCT SMOKE DETECTORS WITH REMOTE LED'S FOR ALL HVAC UNITS WITH A CFM RATING OF 2000 CFM OR GREATER. CONTRACTOR SHALL INTERFACE WITH ALL EXISTING STARTERS AND PROVIDE NEW STARTERS WHERE REQUIRED.
28. ISOLATION MODULES SHALL BE INSTALLED TO LIMIT THE NUMBER OF FIRE ALARM DEVICES ON A CIRCUIT PER THE CODE.
29. FIRE ALARM SYSTEM SHALL HAVE 20% SPACE CAPACITY TO ALLOW FOR ADDITIONAL DEVICES.
30. FIRE ALARM SYSTEM SHALL HAVE BATTERY BACKUP CAPACITY TO PROVIDE 24 HOURS OF STANDBY AND 15 MINUTES OF ALARM.
31. FURNISH AND INSTALL PROTECTIVE GUARDS FOR ALL NEW FIRE ALARM DEVICES IN THE GYM.
32. CONTRACTOR SHALL REPLACE CEILING TILES (MATCH EXISTING) WHERE EXISTING FIRE ALARM DEVICES ARE REMOVED.
33. THE BRANCH CIRCUIT SUPPLYING THE FIRE ALARM EQUIPMENT(S) SHALL SUPPLY NO OTHER LOADS. THE LOCATION OF THE BRANCH-CIRCUIT OVERCURRENT PROTECTIVE DEVICE SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT. THE CIRCUIT DISCONNECTING MEANS SHALL HAVE RED IDENTIFICATION, SHALL BE ACCESSIBLE ONLY TO QUALIFIED PERSONNEL, AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT." THE RED IDENTIFICATION SHALL NOT DAMAGE THE OVERCURRENT PROTECTIVE DEVICES OR OBSCURE THE MANUFACTURER'S MARKINGS. THE FIRE ALARM BRANCH-CIRCUIT DISCONNECTING MEANS SHALL BE PERMITTED TO BE SECURED IN THE "ON" POSITION.
34. CONTRACTOR SHALL FURNISH AND INSTALL A 18" X 24" FRAMED FLOOR PLAN OF THE SCHOOL WITH FA DEVICES INDICATED AT THE FACP AND REMOTE ANNUNCIATOR LOCATIONS.
35. CONTRACTOR TO INCLUDE THE FOLLOWING FA DEVICES WITH 30' OF CONDUIT AND WIRING INSTALLED IN THE BID. IF NOT USED, THE DEVICES SHALL BE TURNED OVER TO THE OWNER FOR "ATTIC STOCK".
    (5) PULL STATION)
    (10) SMOKE DETECTORS
    (5) HEAT DETECTORS
    (4) CARBON MONOXIDE DETECTORS
    (10) SPEAKER / STROBES)
    (5) STROBES
    (4) DUCT DETECTORS W/ REMOTE TEST STATIONS
    (5) MONITOR MODULES
    (5) CONTROL MODULES
    (6) ELECTROMAGNETIC DOOR HOLDERS
36. CONTRACTOR SHALL INCLUDE ALL CONDUIT AND WIRING FOR MONITORING AND/OR CONTROL OF FIRE SHUTTERS, FIRE DAMPERS, RANGE HOOD FIRE SUPPRESSION SYSTEMS, SHUNT TRIP CIRCUIT BREAKERS, CONTRACTORS AND HVAC SYSTEMS FOR SHUTDOWN VIA MONITOR OR CONTROL MODULES.

	CONTROL UNIT & ANNUNCIATOR					NOTIFICATION				SUPPLEMENTARY					
	ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE VISUAL ALARM SIGNALS	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE COMMON TROUBLE SIGNAL	DISPLAY DEVICE TYPE AND LOCATION	ACTUATE FULL BUILDING EVACUATION SIGNALS	DISPLAY CHANGE OF STATUS	TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT SUPERVISION SIGNAL TO SUPERVISING STATION	TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	ACTIVATE CO DETECTOR SOUNDER BASE	HVAC UNIT SHUTDOWN	INITIATE EXTERIOR STROBE	RELEASE MAG. DOOR HOLDERS	RELEASE ELECTRIC DOOR LOCKS	
MANUAL PULL STATION	●	●			●	●	●	●					●	●	●	
SMOKE DETECTOR	●	●			●	●	●	●					●	●	●	
HEAT DETECTOR	●	●			●	●	●	●					●	●	●	
DUCT DETECTOR			●		●		●		●		●					
CARBON MONOXIDE DETECTOR			●		●		●		●			●				
FIRE PANEL AC POWER FAILURE				●			●			●						
FA SYSTEM LOW BATTERY				●			●			●						
OPEN CIRCUIT				●			●			●						
GROUND FAULT				●			●			●						
NOTIFICATION APPLIANCE CIRCUIT SHORT				●			●			●						
RANGE HOOD FIRE SUPPRESSION SYSTEM	●	●			●	●	●	●					●	●	●	

3 Fire Alarm Sequence of Operation

SCALE: NOT TO SCALE

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Melville, NY 11747
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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JEFFREY L. CZAJKA · No. 073522 · LICENSED PROFESSIONAL ENGINEER

7.31.2028
Exp. Date

JEFFREY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 073522

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505 - 2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

PRIMROSE ELEMENTARY SCHOOL:
110 PRIMROSE ST, LINCOLNDALE, NY 10540
SED#: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL:
240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT

CONTRACT FA FIRE ALARM CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

FIRE ALARM RISER AND NOTES

DRAWING No.

PE-FA 500.00

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SOMERS CENTRAL SCHOOL DISTRICT

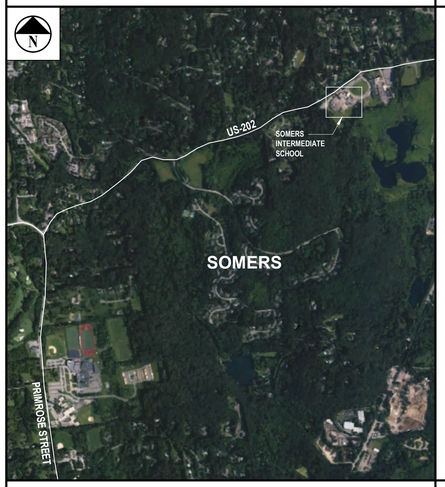
FIRE ALARM UPGRADES
AT SOMERS INTERMEDIATE SCHOOL

240 US-202
SOMERS, NY 10589

SED #: 66-21-01-06-0-006-021

CONTRACT FA - FIRE ALARM CONSTRUCTION

LOCATION MAP



SYMBOLS LEGEND

- BRICK
- BATT INSULATION
- ROOM NUMBER DESIGNATION TAG (ROOM NAME; ROOM; 000 ± S.F.; ROOM NUMBER; AREA)
- WINDOW ELEVATION KEY
- ACOUSTIC TILE / CERAMIC TILE
- RIGID INSULATION
- DRAWING TITLE (1 Title; SCALE: 1/8" = 1'-0")
- WALL TYPE
- COLUMN GRID
- CONCRETE
- GYPSUM BOARD
- REVISION TAG (XX)
- DOOR NUMBER (1001A)
- CONCRETE BLOCK
- PLYWOOD
- PRIMARY CEILING HEIGHT TAG (12'-0")
- SECONDARY CEILING HEIGHT TAG (1'-6" A.F.F.)
- EARTH
- WOOD BLOCKING
- EXTERIOR ELEVATION (1 / A 101)
- INTERIOR ELEVATION (A / A 101 / A)
- STEEL
- WOOD
- SECTION CUT (1 / A 101)
- DETAIL KEY (Ref; 1 / FAD 100)

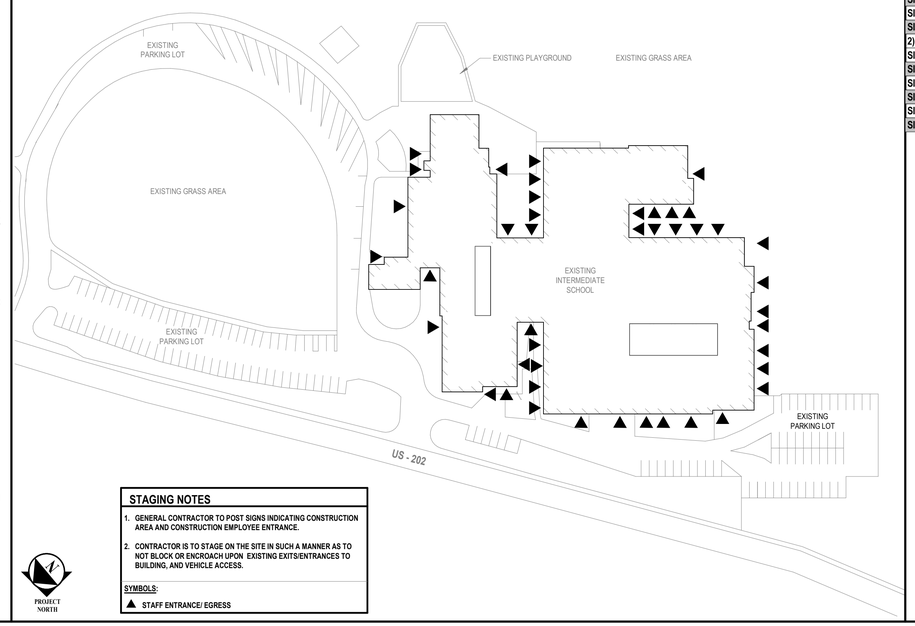
ABBREVIATIONS

AB	ANCHOR BOLT	DS	DOWN SPOUT	NIC	NOT IN CONTRACT
A/C	AIR CONDITIONING	DW	DISHWASHER	NTS	NOT TO SCALE
ACI	AMERICAN CONCRETE INSTITUTE	DWG	DRAWING	OC	ON CENTER
ACT	ACOUSTICAL CEILING TILE	EA	EACH	OD	OUTSIDE DIAMETER
ACU	AIR CONDITIONING UNIT	EL	ELEVATION	PLYWD	PLYWOOD
ADJ	ADJUSTABLE	ELEC	ELECTRIC/ELECTRICAL	PSF	POUNDS PER SQUARE FOOT
A/E	ARCHITECT/ENGINEER	ELEV	ELEVATOR	PSI	POUNDS PER SQUARE INCH
AFF	ABOVE FINISH FLOOR	EP	ELECTRICAL PANEL	PTD	PAINTED
ALUM	ALUMINUM	EPY	EPOXY COATING	PVC	POLYVINYL CHLORIDE
ANCH	ANCHOR	EQ	EQUAL	R	RADIUS OR RISER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	EQUIP	EQUIPMENT	RCP	REFLECTED CEILING PLAN
APA	ACCESS PANEL	EXIST	EXISTING	RD	ROOF DRAIN
APPROX	APPROXIMATELY	EXST	EXHAUST	REINF	REINFORCED
ASPH	ASPHALT	FAI	FRESH AIR INTAKE	RM	ROOM
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS	F.A.S.	FALL ARREST SYSTEM	RO	ROUGH OPENING
AWS	AMERICAN WELDING SOCIETY	F.C.	FIRE CODE	SIM	SIMILAR
B	FIRE BLANKET	FD	FLOOR DRAIN	SPEC	SPECIFICATIONS
BAL	BALANCE	FIN	FINISH	SQ	SQUARE
BB	BULLETIN BOARD	FR	FIRE RATED	SS	STAINLESS STEEL
BD	BOARD	FTG	FOOTING	STL	STEEL
BLDG	BUILDING	GA	GAUGE	TEMP	TEMPERATURE
BLK	BLOCK	GWB	GYPSUM WALL BOARD	TER	TERRAZZO
BLKG	BLOCKING	GYP	GYPSUM	THK	THICK
BM	BEAM	FYP. BD.	GYPSUM BOARD	T.O.	TOP OF
B.O.	BOTTOM OF	HC	HANDICAPPED	TYP	TYPICAL
BOL	BOTTOM OF LINTEL	HM	HOLLOW METAL	UTIL	UTILITY
BOT	BOTTOM	HOR	HORIZONTAL	VB	VAPOR BARRIER
CEIL	CEILING	HW	HOT WATER	VCT	VINYL COMPOSITION TILE
CEM	CEMENT	INSUL	INSULATION/INSULATING	VTR	VENT THRU ROOF
CER	CERAMIC	INT	INTERIOR	WC	WATER CLOSET
CLO	CLOSET	LAV	LAVATORY	WH	WATER HEATER
CMU	CONCRETE MASONRY UNIT	LDR	LEADER	WWF	WELDED WIRE FABRIC
COL	COLUMN	LT	LIGHT		
CONC	CONCRETE	MAX	MAXIMUM		
CONST	CONSTRUCTION	MECH	MECHANICAL		
CONT	CONTINUOUS	MFR	MANUFACTURER		
CORR	CORRIDOR	MISC	MISCELLANEOUS		
CPT	CARPET	MO	MASONRY OPENING		
		MR	MOISTURE RESISTANT		

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE NEW YORK STATE FIRE PREVENTION AND BUILDING CODE AS WELL AS THE NEW YORK STATE EDUCATION DEPARTMENT MANUAL OF PLANNING STANDARDS.
2. ALL NOTES APPEARING HEREIN, WITH THOSE ON VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT DOCUMENTS.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL DIMENSIONS, SQUARE FOOTAGES, LOCATIONS AND QUANTITIES OF ALL ITEMS AND/OR SPACES WHETHER INDICATED IN THE DRAWINGS OR NOT.
4. DO NOT SCALE MEASURE ANY DRAWING. VERIFY THE FIGURES, DIMENSIONS AND DESIGN INTENTION SHOWN ON THE DRAWINGS BEFORE BEGINNING LAYOUT OF THE WORK AND REPORT ANY ERRORS, INACCURACIES, OR CONFLICTS TO THE ARCHITECT/ENGINEER IN WRITING BEFORE BEGINNING ANY WORK.
5. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, LAWS AND STATUTES AS REQUIRED. STRICTLY ADHERE TO MANUFACTURER'S PRINTED INSTRUCTIONS.
6. VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.
7. DISTURB ONLY THOSE AREAS OF THE SITE AFFECTED BY RENOVATION, UNLESS NOTED OTHERWISE. PROTECT ALL OTHER AREAS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL PATCH AND REPAIR OF EXISTING FINISHES WHICH ARE DAMAGED DURING CONSTRUCTION.
8. EACH CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ANSI ICC A117.1 AND PROVIDE WHERE APPLICABLE ADA COMPLIANT BUILDING COMPONENTS.
9. THE OWNER RESERVES THE RIGHT AT ALL TIMES TO DELIVER, PLACE AND INSTALL EQUIPMENT AND FURNISHINGS AS THE WORK PROGRESSES SO LONG AS THERE IS NOT A CONFLICT WITH THE CONTRACTORS.
10. THE CONTRACTOR SHALL MAINTAIN, AT THE SITE, ONE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS AND APPROVED SHOP DRAWINGS AND APPROVED SAMPLES MARKED CURRENTLY TO RECORD ALL CHANGES DURING CONSTRUCTION.
11. ANY CHANGES TO THE SCOPE OF WORK OR IN THE CONSTRUCTION DETAILS, WHETHER DUE TO FIELD CONDITIONS OR OMISSION SHALL BE DOCUMENTED BY THE ARCHITECT PRIOR TO EXECUTION. ANY INCREASE OR DECREASE IN THE CONTRACT PRICE MUST BE APPROVED IN WRITING PRIOR TO EXECUTION.
12. THE CONTRACTOR BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT THEY HAVE INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / ENGINEER PRIOR TO THE SUBMISSION OF BIDS. FAILURE TO DO SO WILL NOT RESULT IN A CHANGE TO THE CONTRACT PRICE IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE ALL NECESSARY ACCOMMODATIONS TO COMPLETE THE SCOPE OF WORK.
13. CONTRACTORS SHALL POST A COPY OF THE PERMIT ISSUED BY THE N.Y.S. EDUCATION DEPARTMENT DURING THE ENTIRE DURATION OF PROJECT.
14. FOLLOW MANUFACTURER RECOMMENDATIONS FOR ALL HARDWARE AND FASTENERS INTO TREATED WOODS AND METALS.

STAGING PLAN (N.T.S.)



STAGING NOTES

1. GENERAL CONTRACTOR TO POST SIGNS INDICATING CONSTRUCTION AREA AND CONSTRUCTION EMPLOYEE ENTRANCE.
2. CONTRACTOR IS TO STAGE ON THE SITE IN SUCH A MANNER AS TO NOT BLOCK OR ENCROACH UPON EXISTING EXITS/ENTRANCES TO BUILDING, AND VEHICLE ACCESS.

SYMBOLS:

▲ STAFF ENTRANCE/ EGRESS

DRAWING LIST

1) GENERAL	
SI-G 000	COVER SHEET
SI-G 100	EXISTING FIRST FLOOR PLAN
SI-G 101	CODE COMPLIANCE INFORMATION AND EXISTING BASEMENT PLAN
2) FIRE ALARM	
SI-FA 001	FIRE ALARM LEGENDS
SI-FAD 100	FIRST FLOOR FIRE ALARM DEMOLITION PLAN
SI-FAD 101	BASEMENT FIRE ALARM DEMOLITION PLAN
SI-FA 100	FIRST FLOOR FIRE ALARM PLAN
SI-FA 101	BASEMENT FIRE ALARM NEW WORK PLAN
SI-FA 500	FIRE ALARM RISER AND NOTES

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White Plains, NY 10605
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NY Architecture & Landscape Architecture: No Certificate Required
NY Engineering Certificate of Authorization No.: 0016178

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09/30/2029
KATRINA N. PACHECO, R.A.
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Exp. Date

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PROJECT No:	DATE:	SCALE:
SMSD2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT SOMERS INTERMEDIATE SCHOOL

240 US-202
SOMERS, NY 10589

SED #: 66-21-01-06-0-006-021

CONTRACT: ALL CONTRACTS

STATUS: FOR BID

SHEET TITLE: COVER SHEET

DRAWING No.: **SI-G 000.00**

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LEGEND

FE / FEC	EXISTING FIRE EXTINGUISHER
F	EXISTING PULL STATION
ST	EXISTING FIRE ALARM STROBE
H	EXISTING HORN / STROBE COMBO
H	EXISTING FIRE ALARM HORN
B	EXISTING FIRE ALARM BELL
AED	EXISTING AUTOMATED EXTERNAL DEFIBRILLATOR
SD	EXISTING SMOKE DETECTOR
	EXISTING EXIT SIGN
EL	EXISTING EMERGENCY LIGHTING
EX EL	EXISTING EXIT SIGN AND EMERGENCY LIGHTING
R	INDICATES EXISTING RESCUE WINDOW LOCATIONS

1 **EXISTING FIRST FLOOR PLAN (FOR INFORMATION ONLY)**
SCALE: 1/16" = 1'-0"

PROJECT NORTH

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White Plains, NY 10605
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L. RAUSCHER	L. RAUSCHER	S.MANDIC	L. FEELEY

PROJECT No:	DATE:	SCALE:
SMSD2505 - 2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

PRIMROSE ELEMENTARY SCHOOL:
110 PRIMROSE ST, LINCOLNDALE, NY 10540
SED#: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL:
240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT
ALL CONTRACTS

STATUS
FOR BID

SHEET TITLE
EXISTING FIRST FLOOR PLAN (FOR INFORMATION ONLY)

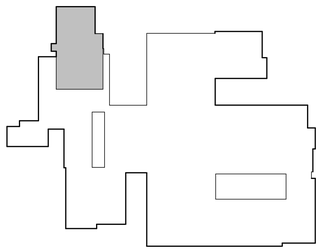
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1 **EXISTING BASEMENT FLOOR PLAN**
SCALE: 1/16" = 1'-0"

PROJECT NORTH



2 **KEY PLAN- BASEMENT**
SCALE: 1" = 100'-0"

PROJECT NORTH

LEGEND

FE / FEC	EXISTING FIRE EXTINGUISHER
F	EXISTING PULL STATION
ST	EXISTING FIRE ALARM STROBE
H	EXISTING HORN / STROBE COMBO
H	EXISTING FIRE ALARM HORN
B	EXISTING FIRE ALARM BELL
AED	EXISTING AUTOMATED EXTERNAL DEFIBRILLATOR
SD	EXISTING SMOKE DETECTOR
	EXISTING EXIT SIGN
EL	EXISTING EMERGENCY LIGHTING
EX / EL	EXISTING EXIT SIGN AND EMERGENCY LIGHTING
R	INDICATES EXISTING RESCUE WINDOW LOCATIONS

BUILDING CODE OF NEW YORK STATE (EXISTING BUILDING CODE OF NYS TABLE 504.3 & 504.4)

	EXISTING	ALLOWED	PROPOSED
BUILDING OCCUPANCY	EDUCATIONAL (GROUP E)	EDUCATIONAL (GROUP E)	NO CHANGE
CONSTRUCTION CLASSIFICATION	IIB	IIB	NO CHANGE
HEIGHT (STORIES)	2	2	NO CHANGE
HEIGHT (FEET)	± 27	55	NO CHANGE

APPLICABLE BUILDING CODES

- NEW YORK STATE EDUCATION DEPARTMENT MANUAL OF PLANNING STANDARDS 2026
- 2025 EXISTING BUILDING CODE OF NEW YORK STATE
- 2025 FIRE CODE OF NEW YORK STATE
- 2025 MECHANICAL CODE OF NEW YORK STATE
- 2025 PLUMBING CODE OF NEW YORK STATE
- 2025 FUEL GAS CODE OF NEW YORK STATE
- 2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- NFPA 70 - NATIONAL ELECTRICAL CODE - 2023 EDITION
- ACCESSIBLE BUILDINGS ICC/ANSI A117.1- 2017 EDITION
- AMERICAN WITH DISABILITIES ACT

2025 EXISTING BUILDING CODE OF NEW YORK STATE COMPLIANCE & PROJECT SCOPE

ALTERATION - LEVEL 1

EBCNYS CHAPTER 6 - CLASSIFICATION OF WORK

SECTION 602- ALTERATION - LEVEL 1
602.1 SCOPE: LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE.

602.2 APPLICATION: LEVEL 1 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7.

EBCNYS CHAPTER 7 - ALTERATIONS - LEVEL 1

SECTION 701 - GENERAL
701.1 SCOPE: LEVEL 1 ALTERATIONS AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER. LEVEL 1 ALTERATIONS TO HISTORIC BUILDINGS SHALL COMPLY WITH THIS CHAPTER, EXCEPT AS MODIFIED IN CHAPTER 12.

ALTERATION WORK AT THIS BUILDING CONSISTS OF THE FOLLOWING:

INTERIOR
1. VARIOUS HVAC UPGRADES
2. FIRE ALARM UPGRADES
3. VARIOUS BATHROOM UPGRADES
4. FLOORING AND CEILING REPLACEMENTS
5. REPLACING / ADDING CLOSERS TO DOORS WHERE NEEDED

EXTERIOR
1. BUILDING WEATHERIZATION UPGRADES
2. OUTDOOR LEARNING SPACE UPGRADES
3. REPAIRING BASEMENT RETAINING WALL
4. WINDOW REPLACEMENTS
5. TEACHERS ENTRANCE RAILING

2025 EBCNYS CHAPTER 7 ALTERATIONS - LEVEL 1

CODE SECTION	REQUIRED/ALLOWED	ACTUAL AND PROPOSED
SECTION 701.1 CONFORMANCE	AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.	COMPLIES.
SECTION 702.1 INTERIOR FINISHES	NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE BUILDING CODE OF NEW YORK STATE.	COMPLIES.
SECTION 703 FIRE PROTECTION	ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.	NEW WORK SHALL COMPLY WITH THE BUILDING CODE OF NEW YORK STATE
SECTION 704 MEANS OF EGRESS	ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS.	NEW WORK SHALL COMPLY WITH THE BUILDING CODE OF NEW YORK STATE
SECTION 706 STRUCTURAL	WHERE ALTERATION WORK INCLUDES REPLACEMENT OF EQUIPMENT THAT IS SUPPORTED BY THE BUILDING OR WHERE A REROOFING PERMIT IS REQUIRED, THE PROVISIONS OF THIS SECTION SHALL APPLY.	COMPLIES.
SECTION 707 ENERGY CONSERVATION	LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES DO NOT REQUIRE THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION ONLY.	COMPLIES.

GENERAL CODE NOTES (ALTERATION LEVEL 1) (EXISTING BUILDING CODE OF NYS)

1. "THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE", IS CLASSIFIED AS AN ALTERATION LEVEL 1 PER EBCNYS SECTION 602.1.
2. EXISTING EGRESS SHALL BE MAINTAINED. EXISTING EXIT SIGNS TO REMAIN (TYP. FOR ALL)
3. EXISTING SMOKE DETECTORS TO REMAIN (TYP. FOR ALL).
4. EXISTING FIRE EXTINGUISHERS TO REMAIN (TYP. FOR ALL).
5. ALL INTERIOR WALL AND CEILING FINISHES MUST MEET OR EXCEED THE REQUIREMENTS STATED IN TABLE 803.13.
6. ALL GLAZING IN DOORS, FIXED SIDE PANELS ADJOINING DOORS, INTERIOR PARTITIONS WHERE GLAZING EXTENDS TO WITHIN 1'-6" OF FINISHED FLOOR AND GLASS PANELS GREATER THAN 50 SQ. FT. TO BE FULLY TEMPERED SAFETY GLASS PER NYSBC 2406.1.
7. INTERIOR GLAZING SIZES AND TYPES SHALL COMPLY WITH FIRE RATING (UL 263, ASTM E119) PER NYSBC 703.6.

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NY Engineering Certificate of Authorization No.: 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

Katrina N. Pacheco 09/30/2029
KATRINA N. PACHECO, R.A. (Exp. Date)
NY PROFESSIONAL ARCHITECT Lic. No. 041183

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L. RAUSCHER	L. RAUSCHER	S.MANDIC	L. FEELEY

PROJECT No:	DATE:	SCALE:
SMSD2505 - 2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

PRIMROSE ELEMENTARY SCHOOL:
110 PRIMROSE ST, LINCOLNDALE, NY 10540
SED#: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL:
240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT
ALL CONTRACTS

STATUS
FOR BID

SHEET TITLE
CODE COMPLIANCE INFORMATION AND EXISTING BASEMENT PLAN (FOR INFORMATION ONLY)

DRAWING No.
SI-G 101.00

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FIRE ALARM LEGEND

SYMBOL	DESCRIPTION	COMMENTS
FACP	FIRE ALARM CONTROL PANEL.	
RA	REMOTE ANNUNCIATOR WITH BACKBOX.	
S	SMOKE DETECTOR.	
S	SMOKE ALARM. SMOKE ALARMS SHALL BE EQUIPPED WITH 10-YEAR BATTERY BACKUP, VISUAL INDICATOR AND LOCAL SOUNDER BASE (520 MHZ, LOW FREQUENCY).	
S CO	COMBINATION SMOKE/CARBON MONOXIDE ALARM. ALARMS SHALL BE EQUIPPED WITH 10-YEAR BATTERY BACKUP, VISUAL INDICATOR, AND LOCAL SOUNDER BASE (520 MHZ, LOW FREQUENCY).	
RAL S	ABOVE CEILING SMOKE DETECTOR WITH REMOTE ALARM LAMP.	
RAL S CM S/R	DUCT DETECTOR WITH REMOTE ALARM LAMP; "S" DENOTES SUPPLY, "R" DENOTES RETURN. PROVIDE WEATHERPROOF ENCLOSURE WHERE DETECTOR CANNOT BE INSTALLED INSIDE BUILDING. PROVIDE 120V FEED FOR WEATHERPROOF ENCLOSURE FROM NEAREST CONVENIENCE OUTLET POWER FEED.	
RAL S CM	DUCT SMOKE DETECTOR WITH REMOTE ALARM LAMP AND CONTROL MODULE FOR FIRE SMOKE DAMPERS.	
H	HEAT DETECTOR.	
H F	HEAT DETECTOR 200°.	
CO	CARBON MONOXIDE DETECTOR.	
MH	ADDRESSABLE MINI HORN (520 MHZ, LOW FREQUENCY).	
	HORN/STROBE COMBO.	
	SPEAKER/STROBE COMBINATION	
WP	WEATHER PROOF HORN/STORBE COMBO WITH BACKBOX.	
AM	ADAPTER MODULE WITH MOUNTING PLATE.	
SH	SMOKE HATCH (F.B.O.).	
	STROBE.	
DH	MAGNETIC DOOR HOLDER.	
F	MANUAL PULL STATION WITH BACKBOX.	
CM	CONTROL MODULE (ADDRESSABLE RELAY).	
IAM	INDIVIDUAL ADDRESSABLE MODULE.	
AES	AUTOMATIC EXTINGUISHING SYSTEM.	
	MOTOR STARTER.	
EOL R	END OF LINE RESISTOR.	
BT	BEAM DETECTOR TRANSMITTER.	
BR	BEAM DETECTOR RECEIVER.	
SP	SURGE PROTECTOR.	
S EL	SMOKE DETECTOR FOR ELEVATOR RECALL.	
SRP	SUPPRESSION RELEASING PANEL.	
MS	MAINTENANCE SWITCH.	
SOL	SOLENOID (F.B.O.).	
PS	PRESSURE SWITCH.	
TS	TAMPER SWITCH	
FS	FLOW SWITCH	
CS	COIL SUPERVISORY (F.B.O.).	
B	SPRINKLER ALARM BELL.	
DCM	DOOR CLOSER CONTROL MODULE	

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JEFFREY L. CZAJKA · No. 073522-1 · LICENSED PROFESSIONAL ENGINEER

7.31.2028
Exp. Date

JEFFREY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 073522

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505 - 2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

PRIMROSE ELEMENTARY SCHOOL:
110 PRIMROSE ST, LINCOLNDALE, NY 10540
SED#: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL:
240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT

CONTRACT FA
FIRE ALARM CONSTRUCTION

STATUS

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SHEET TITLE

FIRE ALARM LEGENDS

DRAWING No.

SI-FA 001.00

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GENERAL NOTES

1. REFER TO DRAWING SI-FA 001 FOR FIRE ALARM LEGENDS.
2. REFER TO DRAWINGS SI-FAD 100 AND 101 FOR FIRE ALARM DEMOLITION DRAWINGS.
3. REFER TO DRAWINGS SI- FA 100 AND 101 FOR FIRE ALARM NEW WORK DRAWINGS.
4. REFER TO DRAWING SI-FA 500 FOR FIRE ALARM RISER AND NOTES.

FIRE ALARM DEMOLITION NOTES

1. EXISTING FIRE ALARM CONTROL PANELS, REMOTE POWER SUPPLIES, ANNUNCIATORS, AND SYSTEM DEVICES INCLUDING (PULL STATIONS, SMOKE DETECTORS, DUCT SMOKE DETECTORS DUCT DETECTOR REMOTE TEST STATIONS, HEAT DETECTORS, CO DETECTORS, MONITOR MODULES, CONTROL MODULES, NOTIFICATION APPLIANCES, AND DOOR HOLDERS) TO BE DISCONNECTED AND REMOVED IN THEIR ENTIRELY AFTER NEW FIRE ALARM SYSTEM HAS BEEN INSTALLED, TESTED AND ACCEPTED BY THE LOCAL FIRE MARSHAL, OWNER AND ENGINEER.
2. ALL FIRE ALARM DEVICES SHOWN HATCHED ON THIS DEMOLITION PLAN ARE EXISTING TO BE REMOVED WITH ASSOCIATED CONDUIT AND WIRING BACK TO THEIR SOURCE.
3. CONTRACTOR IS RESPONSIBLE TO PATCH AND PAINT ALL OPENINGS TO MATCH EXISTING FINISHES AS A RESULT OF REMOVAL OF EXISTING EQUIPMENT.
4. CONTRACTOR SHALL REPLACE ALL CEILING TILES WHERE FIRE ALARM DEVICES WERE REMOVED TO MATCH EXISTING FINISHES.
5. FIRE ALARM EQUIPMENT AND DEVICES SHOWN ON THIS PLAN ARE BASED ON A SURVEY OF THE SCHOOL AND NOT ALL ROOMS OR SPACES WERE ACCESSIBLE. CONTRACTOR'S BID SHALL INCLUDE THE REMOVAL OF ALL FIRE ALARM DEVICES, WHETHER SHOWN OR NOT.

1 **FIRST FLOOR FIRE ALARM DEMOLITION PLAN**
SCALE: 1/16" = 1'-0"

PROJECT NORTH

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CONTRACT

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FIRE ALARM CONSTRUCTION

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FIRST FLOOR FIRE ALARM DEMOLITION PLAN

DRAWING No.

SI-FAD 100.00



1 **BASEMENT FIRE ALARM DEMOLITION PLAN**
SCALE: 1/16" = 1'-0"

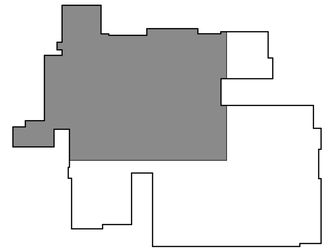
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KEY PLAN - BASEMENT
SCALE: 1" = 100'-0"

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CONTRACT

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FIRE ALARM CONSTRUCTION

STATUS

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SHEET TITLE

BASEMENT FIRE ALARM DEMOLITION PLAN

DRAWING No.

SI-FAD 101.00

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3. REFER TO DRAWINGS SI- FA 100 AND 101 FOR FIRE ALARM NEW WORK DRAWINGS.
4. REFER TO DRAWING SI-FA 500 FOR FIRE ALARM RISER AND NOTES.

FIRE ALARM DEDUCT ALTERNATE

CONTRACTOR SHALL DEDUCT THE COST FOR ALL WORK ASSOCIATED WITH THE INSTALLATION OF SMOKE DETECTORS LOCATED WITHIN GENERAL STUDENT CLASSROOMS.

FIRE ALARM UNIT PRICING

CONTRACTOR SHALL PROVIDE A UNIT PRICE TO DEDUCT THE COST, ON A PER-FOOT BASIS, FOR REUSING THE FOLLOWING EXISTING WIRING IN LIEU OF PROVIDING NEW CABLE:

- EXISTING TYPE "A" FIRE ALARM CABLE (1-PAIR, TWISTED, SHIELDED #18 AWG FPLP).
- EXISTING TYPE "B" FIRE ALARM CABLE (1-PAIR #18 AWG NON SHIELDED FPLP).
- EXISTING TYPE "C" FIRE ALARM CABLE (1-PAIR #14 AWG NON SHIELDED FPLP).
- EXISTING TYPE "E" FIRE ALARM CABLE (#14 AWG NON SHIELDED THHN).
- EXISTING TYPE "F" FIRE ALARM CABLE (1-PAIR, TWISTED, SHIELDED #16 AWG FPLP).
- EXISTING TYPE "G" FIRE ALARM CABLE (1-PAIR, TWISTED, SHIELDED #14 AWG FPLP).

1 FIRST FLOOR FIRE ALARM NEW WORK PLAN

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

PROJECT NORTH

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CONSULTANTS:

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
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SOMERS CENTRAL SCHOOL DISTRICT

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240 US-202, SOMERS, NY 10589
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CONTRACT

CONTRACT FA
FIRE ALARM CONSTRUCTION

STATUS

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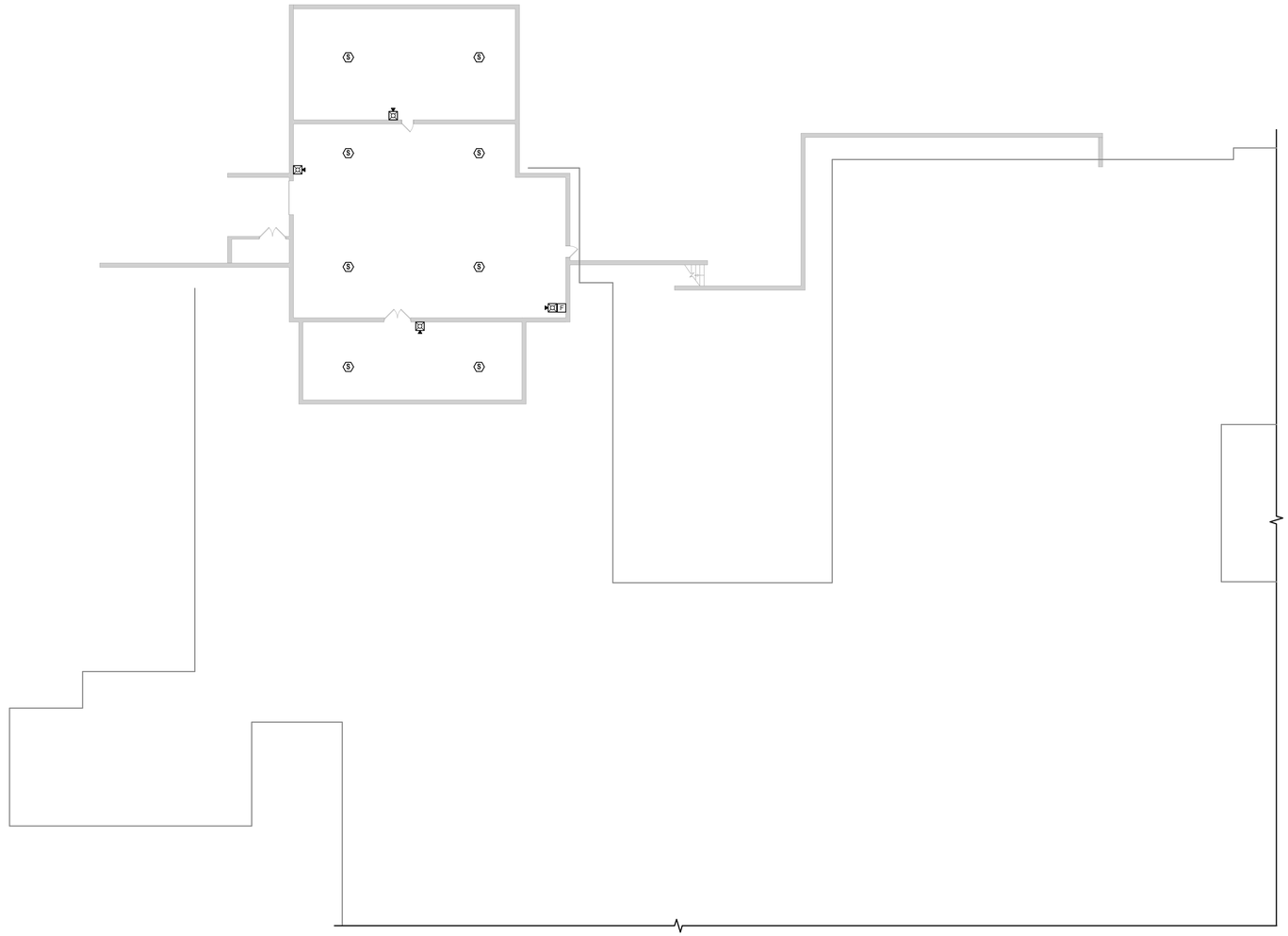
FIRST FLOOR FIRE ALARM PLAN

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1 BASEMENT FIRE ALARM NEW WORK PLAN

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

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GENERAL NOTES

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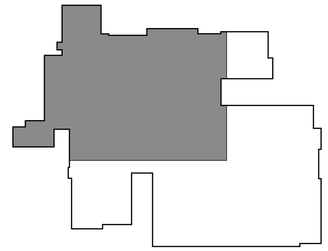
FIRE ALARM DEDUCT ALTERNATE

CONTRACTOR SHALL DEDUCT THE COST FOR ALL WORK ASSOCIATED WITH THE INSTALLATION OF SMOKE DETECTORS LOCATED WITHIN GENERAL STUDENT CLASSROOMS.

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KEY PLAN - BASEMENT

SCALE: 1" = 100'-0"

PROJECT NORTH

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CONSULTANTS:

MARK	DATE	DESCRIPTION

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SOMERS CENTRAL SCHOOL DISTRICT

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CONTRACT

CONTRACT FA
FIRE ALARM CONSTRUCTION

STATUS

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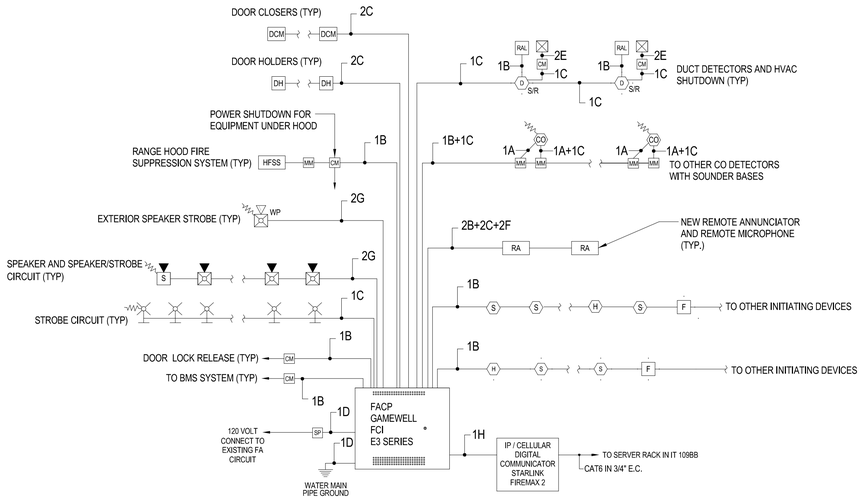
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BASEMENT FIRE ALARM NEW WORK PLAN

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1 Fire Alarm Riser Diagram (Note #22)

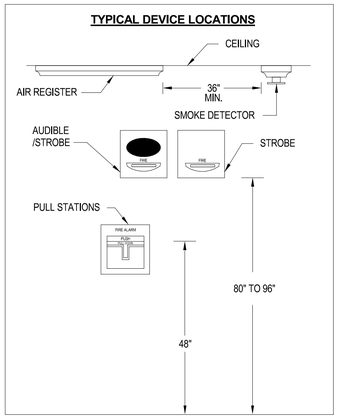
SCALE: NOT TO SCALE

WIRE LEGEND

	WIRE DESCRIPTION	TYPE	NOTES
A	1 PAIR TWISTED SHIELDED #18	FPLP	-
B	1 PAIR #18 AWG. NON SHIELDED	FPLP	-
C	1 PAIR #14 AWG. NON SHIELDED	FPLP	-
D	#12 AWG. NON SHIELDED	THHN	1
E	#14 AWG. NON SHIELDED	THHN	-
F	1 PAIR TWISTED SHIELDED #16	FPLP	-
G	1 PAIR TWISTED SHIELDED #14	FPLP	-
H	MANUFACTURER RECOMMENDED CABLE	-	-

NOTES:

1. PROVIDE ALL 120 VOLT CIRCUITS IN CONDUIT.



2 Fire Alarm Device Mounting Height Detail

SCALE: NOT TO SCALE

NOTES:

1. ALL WIRING TO BE INSTALLED ACCORDING TO THE LATEST REVISION OF THE NATIONAL ELECTRIC CODE OR AS DICTATED BY CONTRACT SPECIFICATIONS, AND THE 2022 EDITION OF N.F.P.A 72 OR AS REQUIRED BY LOCAL ORDINANCE.
2. ALL CONDUCTORS MUST BE TEST FREE OF OPENS, SHORTS AND GROUNDS.
3. GROUNDING MUST COMPLY WITH THE NATIONAL ELECTRIC CODE. GROUNDING MUST BE No. 12 A.W.G.
4. ALL PANEL TERMINATIONS TO BE SUPERVISED BY A FACTORY AUTHORIZED TECHNICIAN PRIOR TO POWERING EQUIPMENT.
5. FOR COMPONENT WIRING AND INSTALLATION INFORMATION REFER TO MANUFACTURERS REQUIREMENTS.
6. REFER TO CONTRACT DRAWINGS FOR APPROXIMATE DEVICE LOCATIONS. DRAWINGS REPRESENT DEVICE QUANTITIES. SHOP DRAWINGS SHALL BE SUBMITTED SHOWING SCALED LOCATIONS. CONTRACTOR TO SUBMIT PLANS STAMPED BY LICENSED NEW YORK PROFESSIONAL ENGINEER ONLY. SHOP DRAWINGS WITHOUT P.E. STAMP WILL BE AUTOMATICALLY REJECTED.
7. EXISTING FIRE ALARM SYSTEM INCLUDING ALL DEVICES TO BE DISCONNECTED AND REMOVED IN ITS ENTIRETY AFTER NEW FIRE ALARM HAS BEEN TESTED AND ACCEPTED BY LOCAL FIRE MARSHALL, OWNER AND ENGINEER ALL EQUIPMENT, CONDUIT AND WIRING TO BE REMOVED FROM DEVICE BACK TO THEIR ORIGINAL SOURCE.
8. CONTRACTOR RESPONSIBLE TO PATCH & PAINT ALL OPENINGS AS A RESULT OF REMOVAL OF EXISTING EQUIPMENT.
9. INSTALL DETECTORS A MINIMUM OF 3'-0" FROM ANY SUPPLY OR RETURN AIR REGISTERS.
10. WHEN INSTALLING SHIELDED CABLE THE FOLLOWING MUST BE OBSERVED:
    A. METALLIC CONTINUITY MUST BE MAINTAINED THROUGHOUT THE CABLE RUN.
    B. THE CABLE SHIELD MUST BE ISOLATED FROM GROUND AND TERMINATED ONLY IN THE ASSOCIATED CONTROL PANEL AT THE TERMINAL INDICATED ON THE CONTROL PANEL DRAWINGS. THE REMOTE END OF THE SHIELD (AT LAST DEVICE) MUST BE TAPED AND ISOLATED FROM GROUND.
11. ALL STROBE APPLIANCES SHALL BE SYNCHRONIZED. ALL ALARM INDICATING APPLIANCES (SPEAKERS) SHALL SOUND A "TEMPORAL 3' CODE PATTERN FOR SMOKE ALARM AND A "TEMPORAL 4' CODE PATTERN FOR CO ALARM.
12. AFTER ALARM INDICATION, ALL FANS SHALL BE MANUALLY RESET INDEPENDENT FROM F.A.C.P. SYSTEM RESET. PROVIDE ALL REQUIRED HARDWARE ACCESSORIES, MOTOR STARTERS, CONTROLS, POWER AND CONTROL WIRING AND CONDUITS TO PROVIDE INDEPENDENT RESET OF ALL FANS AFTER ALARM INDICATION.
13. INSTALL ALL DEVICES IN ACCORDANCE WITH A.D.A REQUIREMENTS. ALL DEVICES SHALL BE MOUNTED AS FOLLOWS:
    A. - MANUAL PULL STATIONS 48" O.C. TO HANDLE
    B. - ALARM INDICATING APPLIANCE 80" A.F.F.
    C. - VERIFY WITH CONTRACT SPECIFICATIONS FOR ANY DEVIATIONS.
14. ALL STROBES SHALL BE WIRED TO REMAIN ACTIVE AFTER SPEAKERS ARE SILENCED. STROBES SHALL REMAIN ACTIVE UNTIL ALARM IS RESOLVED.
15. PROVIDE AND INSTALL ALL NECESSARY CONTROL (RELAY) MODULES, SYNCHRONIZATION MODULES, ISOLATION MODUELS AND MONITOR MODULES AS REQUIRED BY MANUFACTURER.
16. CONTRACTOR TO INSTALL NECESSARY & REQUIRED POWER SUPPLY UNITS TO ENSURE PROPER OPERATION AT ALL MAGNETIC DOOR HOLDERS, CO DETECTOR, ETC. AS SHOWN ON DRAWINGS OR REQUIRED BY THE MANUFACTURER.
17. PROVIDE AND INSTALL ALL REQUIRED RELAYS TO RELEASE ELECTRIC DOOR LATCHES.
18. COORDINATE EXACT LOCATION OF REMOTE ANNUNCIATOR AND F.A.C.P. WITH AHJ AND OWNER.
19. PROVIDE ALL REQUIRED DUCT SMOKE DETECTORS. CONTRACTOR TO INSTALL DUCT SMOKE DETECTORS. CONTRACTOR TO INTERFACE ALL DUCT DETECTORS WITH FACP.
20. FIRE ALARM RISER DIAGRAM IS SCHEMATIC. REFER TO FLOOR PLANS FOR DEVICE TYPES AND QUANTITIES.
21. PROTECTIVE SHIELDS (STOPPER II) SHALL BE PROVIDED FOR ALL PULL STATIONS. SHIELDS SHALL FIT OVER MANUAL PULL STATIONS AND SHALL INCLUDE A BATTERY OPERATED PIERCING HORN WHEN THE SHIELD IS OPENED.
22. PLENUM RATED DATA AND FIRE ALARM CABLES SHALL BE USED ABOVE DROP CEILINGS.
23. ALL WIRING AND CABLES SHALL BE RUN IN CONDUIT IN UNFINISHED AREAS AND SURFACE METALS RACEWAY IN FINISHED AREAS.
24. ALL EQUIPMENT TO BE RECESSED MOUNTED ON DRYWALL WALLS WITH WIRING RUN CONCEALED.
25. ALL EQUIPMENT TO BE SURFACE MOUNTED ON MASONRY WALLS AND CEILINGS WITH WIRING RUN IN EMT CONDUIT IN UNFINISHED (BOILER ROOMS, STORAGE ROOMS, MECHANICAL ROOMS, ELECTRICAL ROOMS ETC.) AREAS.
26. ALL EQUIPMENT MOUNTED ON THE ROOF AND EXTERIOR OF THE BUILDING TO HAVE WIRING RUN IN RMC CONDUIT.
27. ALL HVAC EQUIPMENT WITH A CFM RATING OF 1000 CFM OR GREATER SHALL BE INTERCONNECTED TO THE FIRE ALARM SYSTEM AND SHUT DOWN UPON FIRE ALARM SYSTEM ALARM ACTIVATION. CONTRACTOR SHALL ALSO PROVIDE AND INSTALL NEW SUPPLY AND RETURN DUCT SMOKE DETECTORS WITH REMOTE LED'S FOR ALL HVAC UNITS WITH A CFM RATING OF 2000 CFM OR GREATER. CONTRACTOR SHALL INTERFACE WITH ALL EXISTING STARTERS AND PROVIDE NEW STARTERS WHERE REQUIRED.
28. ISOLATION MODULES SHALL BE INSTALLED TO LIMIT THE NUMBER OF FIRE ALARM DEVICES ON A CIRCUIT PER THE CODE.
29. FIRE ALARM SYSTEM SHALL HAVE 20% SPACE CAPACITY TO ALLOW FOR ADDITIONAL DEVICES.
30. FIRE ALARM SYSTEM SHALL HAVE BATTERY BACKUP CAPACITY TO PROVIDE 24 HOURS OF STANDBY AND 15 MINUTES OF ALARM.
31. FURNISH AND INSTALL PROTECTIVE GUARDS FOR ALL NEW FIRE ALARM DEVICES IN THE GYM.
32. CONTRACTOR SHALL REPLACE CEILING TILES (MATCH EXISTING) WHERE EXISTING FIRE ALARM DEVICES ARE REMOVED.
33. THE BRANCH CIRCUIT SUPPLYING THE FIRE ALARM EQUIPMENT(S) SHALL SUPPLY NO OTHER LOADS. THE LOCATION OF THE BRANCH-CIRCUIT OVERCURRENT PROTECTIVE DEVICE SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT. THE CIRCUIT DISCONNECTING MEANS SHALL HAVE RED IDENTIFICATION, SHALL BE ACCESSIBLE ONLY TO QUALIFIED PERSONNEL, AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT." THE RED IDENTIFICATION SHALL NOT DAMAGE THE OVERCURRENT PROTECTIVE DEVICES OR OBSCURE THE MANUFACTURER'S MARKINGS. THE FIRE ALARM BRANCH-CIRCUIT DISCONNECTING MEANS SHALL BE PERMITTED TO BE SECURED IN THE "ON" POSITION.
34. CONTRACTOR SHALL FURNISH AND INSTALL A 18" X 24" FRAMED FLOOR PLAN OF THE SCHOOL WITH FA DEVICES INDICATED AT THE FACP AND REMOTE ANNUNCIATOR LOCATIONS.
35. CONTRACTOR TO INCLUDE THE FOLLOWING FA DEVICES WITH 30' OF CONDUIT AND WIRING INSTALLED IN THE BID. IF NOT USED, THE DEVICES SHALL BE TURNED OVER TO THE OWNER FOR "ATTIC STOCK".
    (5) PULL STATION)
    (10) SMOKE DETECTORS
    (5) HEAT DETECTORS
    (4) CARBON MONOXIDE DETECTORS
    (10) SPEAKER / STROBES)
    (5) STROBES
    (4) DUCT DETECTORS W/ REMOTE TEST STATIONS
    (5) MONITOR MODULES
    (5) CONTROL MODULES
    (6) ELECTROMAGNETIC DOOR HOLDERS
36. CONTRACTOR SHALL INCLUDE ALL CONDUIT AND WIRING FOR MONITORING AND/OR CONTROL OF FIRE SHUTTERS, FIRE DAMPERS, RANGE HOOD FIRE SUPPRESSION SYSTEMS, SHUNT TRIP CIRCUIT BREAKERS, CONTRACTORS AND HVAC SYSTEMS FOR SHUTDOWN VIA MONITOR OR CONTROL MODULES.

	CONTROL UNIT & ANNUNCIATOR					NOTIFICATION				SUPPLEMENTARY					
	ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE VISUAL ALARM SIGNALS	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE COMMON TROUBLE SIGNAL	DISPLAY DEVICE TYPE AND LOCATION	ACTUATE FULL BUILDING EVACUATION SIGNALS	DISPLAY CHANGE OF STATUS	TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT SUPERVISION SIGNAL TO SUPERVISING STATION	TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	ACTIVATE CO DETECTOR SOUNDER BASE	HVAC UNIT SHUTDOWN	INITIATE EXTERIOR STROBE	RELEASE MAG. DOOR HOLDERS	RELEASE ELECTRIC DOOR LOCKS	
MANUAL PULL STATION	●	●			●	●	●	●					●	●	●	
SMOKE DETECTOR	●	●			●	●	●	●					●	●	●	
HEAT DETECTOR	●	●			●	●	●	●					●	●	●	
DUCT DETECTOR			●		●		●		●		●					
CARBON MONOXIDE DETECTOR			●		●		●		●			●				
FIRE PANEL AC POWER FAILURE				●			●			●						
FA SYSTEM LOW BATTERY				●			●			●						
OPEN CIRCUIT				●			●			●						
GROUND FAULT				●			●			●						
NOTIFICATION APPLIANCE CIRCUIT SHORT				●			●			●						
RANGE HOOD FIRE SUPPRESSION SYSTEM	●	●			●	●	●	●					●	●	●	

3 Fire Alarm Sequence of Operation

SCALE: NOT TO SCALE

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · JEFFREY L. CZAJKA · No. 073522-1 · LICENSED PROFESSIONAL ENGINEER

7.31.2028
Exp. Date

JEFFREY L. CZAJKA, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 073522

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S. FREEMAN	W. TESTA	S. SOUSSOU	J. CZAJKA

PROJECT No:	DATE:	SCALE:
SMSD2505 - 2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

FIRE ALARM UPGRADES AT PRIMROSE ELEMENTARY SCHOOL AND SOMERS INTERMEDIATE SCHOOL

PRIMROSE ELEMENTARY SCHOOL:
110 PRIMROSE ST, LINCOLNDALE, NY 10540
SED#: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL:
240 US-202, SOMERS, NY 10589
SED#: 66-21-01-06-0-006-021

CONTRACT

CONTRACT FA FIRE ALARM CONSTRUCTION

STATUS

FOR BID

SHEET TITLE

FIRE ALARM RISER AND NOTES

DRAWING No.

SI-FA 500.00

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