

ADDENDUM NO. 01

PROJECT: Suffern Central School District
RP Connor Heating System Conversion

CPL PROJECT NO. 12396.23

SED PROJECT NO. RP Connor Elementary School: 50-04-01-06-0-005-021

DATE: 6/30/2023

Include this Addendum as part of the Contract Documents. It supplements portions of the original specifications and drawings, the extent of which shall remain, except as revised herein:

CLARIFICATIONS:

1.1 See attached sign in sheet from the Pre-bid walk through.

CHANGES TO THE SPECIFICATIONS

2.1 Replace specification section *004020 Form of Proposal - Mechanical Construction* with the attached revised specification section.

2.2 Replace specification section *004040 Form of Proposal Electrical Construction* with the attached revised specification section.

CHANGES TO THE DRAWINGS

3.1 Replace drawing H101A with revised drawing H101A.

3.2 Replace drawing H201C with revised drawing H201C.

3.3 Replace drawing H202 with revised drawing H202.

3.4 Replace drawing H900 with revised drawing H900.

3.5 Replace drawing E202 with revised drawing E202.



3.6 Replace drawing E900 with revised drawing E900.

END OF ADDENDUM NO. 01



**Richard P. Connor Elementary School -
Heating Conversion**

Project: 13293.23

Pre-Bid meeting 10:00 AM Thursday, June 29, 2023

	NAME	COMPANY	PHONE NUMBER	EMAIL ADDRESS
1)	George Hoffmann	Lombardo	845-357-6537	ghoffmann@josephlombardo.com
2)	Eric DeRise	STO	845-635-2916	ederise@stocan.com
3)	Jon Mussen	midlantic	315-798-8026	Jmassa19@gmail.com
4)	Bill Winchester	Hush Elec.	845-942-4874	Winchester@hushcorp.com
5)	Ian Bass	J Bass & Son	914-667-1442	ian@jbassandson.com
6)				
7)				
8)				

**SECTION 004020
FORM OF PROPOSAL -MECHANICAL CONSTRUCTION**

PART 1 GENERAL

1.01 SUMMARY

A. Fill in information:

Date:	
TO:	
OWNER NAME & ADDRESS:	
FROM:	
BIDDER NAME & ADDRESS	

1.02 GENERAL

A. Pursuant to, and in compliance with, the Procurement and Contracting Requirements, Conditions of the Contract, relative thereto and all of the Contract Documents, including any Addenda issued by the Architect and mailed or delivered to the undersigned prior to the opening of Bids, whether received by the undersigned or not, we,

having visited the site and being familiar with all conditions and requirements of the Work, hereby propose to furnish all Asbestos Abatement, plant, labor, supplies, materials and equipment incidental to MECHANICAL CONSTRUCTION WORK as required by and in strict accord with the applicable provisions of the Drawings and Specifications entitled Suffern Central School District, RP Connor Elementary School, RP Connor - Boiler Conversion, all to the satisfaction and approval of the Architect and the Owner in accordance with the terms and conditions of the Contract Documents for the following sum:

1.

	DOLLARS
(\$ _____)	
BASE BID	

1.03 BID GUARANTEE

A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 45 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid.

1. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

1.04 TIME OF COMPLETION

A. It is agreed by the undersigned that after receipt of a Notice of Award and a consummation of a Contract Agreement in accord with the terms of the Contract Documents, he will start work within 10 consecutive calendar days of this notice to proceed and fully complete the work as indicated in the project schedule.

- B. Liquidated Damages: Suffern Central School District and Contractor recognize that time is of the essence of this Agreement and that Suffern Central School District will suffer financial loss if the Work is not completed by the date specified, plus any extensions thereof allowed in accordance with the General Conditions. They also recognize the delays, expense and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Suffern Central School District if the work is not completed on time. Accordingly, instead of requiring any such proof, Suffern Central School District and Contractor agree that as Liquidated Damages for delay (but not as a penalty) Contractor shall pay Suffern Central School District Five Hundred Dollars (\$500) for each day that expires after the specified.

1.05 SCHEDULE OF WORK

- A. Scheduling of all work shall be coordinated through the District and/or the District's Representative. Contractor shall coordinate their work around the District's needs.
- B. It is the District's intent to work with the Contractor and make the building available for the work to be performed within the time frame allowed.

1.06 ALLOWANCES (REFERENCE SPECIFICATION SECTION 012100)

- A. Specified Allowance as indicated in Specification Section 012100. This amount is to be included in the Base Bid above.
 - 1. Allowance Amount:

\$		(Insert Amount)
----	--	-----------------

1.07 ALTERNATES (REFERENCE SPECIFICATION SECTION 012300.)

- A. Enter a whole dollar amount, even if it is zero (\$ 0), for each Alternate. Circle "ADD" or "DEDUCT" for each Alternate Bid. If neither is circled, "DEDUCT" will be assumed. Do not leave any Alternate amount blank. If any amount is blank, it will be assumed the Bidder will provide that Alternate for no change, neither increase nor decrease, in Contract Price.

- 1. Alternate No. MC-1; Remove and upsize each of the unit ventilators existing intake louvers with the manufactures wall louvers per the unit ventilator schedule. Provide manufactures louver with bird screen and grille. Provide new lintels and patch with like construction.:

ADD/DEDUCT	(\$)	
				DOLLARS

- 2. Alternate No. MC-2; Provide complete cooling in unit ventilators in the eight (8) Kindergarten and first grade classrooms including all roofing work, piping and condensing units per drawings:

ADD/DEDUCT	(\$)	
				DOLLARS

1.08 BID SECURITY

- A. Bid Security in the form of a Certified or Cashier's Check or a Bid Bond in the form required by the Contract Documents is attached to and made a part of this Proposal.

1.09 IRAN DIVESTMENT ACT CERTIFICATION

- A. Contractor to submit with the bid, Iran Divestment Act Certification which hereto is made a part of this Form of Proposal and is attached at the end of this Form of Proposal.

1.10 REPRESENTATIONS

- A. By submitting this Proposal the Bidder represents and certifies to the Owner and the Architect that
 - 1. It has examined the Contract Documents, the site of the proposed Work, is familiar with the local conditions at the place where the Work is to be performed and fully comprehends the requirements and intent of the plans and specifications for this Project in accordance

-
- with the drawings, specifications and other Contract Documents prepared by CPL the Owners Consultant, for this Project.
2. It has examined and reviewed, where applicable, all information and data in the Contract Documents related to existing underground facilities at or contiguous to the site. Bidder shall require of the Owner or Architect no further investigations, explorations, tests or reports with respect to such underground facilities in order for the Bidder to perform the Work of the Proposal within the Contract Time and in accordance with the Contract Documents.
 3. It has given notice to the Architect, as required by the Contract Documents of any and all discrepancies it has discovered and accepts the resolution of those discrepancies offered by the Architect.
 4. Pursuant to New York State General Municipal Law section 103-d, by submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:
 - a. The prices in this bid have been arrived at independently without collusion, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
 - b. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not be knowingly disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or competitor; and
 - c. No attempt has been made or will be made by bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.
 - d. The proposal is based upon the materials, equipment and systems required by the Contract Documents, without exception, unless otherwise set forth in this Proposal in detail.

1.11 CHANGE ORDERS

- A. We propose and agree that the above lump sum shall be adjusted for changes in the Contract Work not included in unit prices by addition of the following costs:
 1. Profit and overhead as permitted in the General Conditions.

1.12 NON-COLLUSIVE BIDDING CERTIFICATION

- A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:
 1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
 2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
 3. No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

1.13 ACCEPTANCE

- A. When this Proposal is accepted, the undersigned agrees to enter into a Contract with the Owner as provided in the Form of Agreement.

1.14 AFFIRMS

- A. The undersigned affirms and agrees that this Proposal is a firm one which remains in effect and will be irrevocable for a period of forty-five (45) days after opening of Bids.

1.15 TYPE OF BUSINESS

- A. The undersigned hereby represents that it is a (select with circle):
 - 1. Corporation, Partnership, Individual.
 - 2. If a Corporation, then the undersigned further represents that it is duly qualified as a Corporation under the laws of New York State and it is authorized to do business in this State.

1.16 PLACE OF BUSINESS

- A. The following is the name and address of the person to whom all notices required in connection with this Proposal may be telephoned, mailed, or delivered.

Name of Contact Person:	
Name of Business or Firm:	
Address:	
Address:	
Telephone:	Fax
Email Address:	
FEIN: Federal Employer Identification No.:	

1.17 EXECUTION OF CONTRACT

- A. When written Notice of Acceptance of the Proposal is mailed or delivered to the undersigned within forty-five (45) days after the opening of Bids, or anytime thereafter should the Proposal not be withdrawn, the undersigned, within ten (10) days, will execute the Form of Agreement with the Owner.

1.18 ADDENDA

- A. Any addenda issued by the Architect and mailed or delivered to the undersigned prior to the Bid opening date shall become part of the Contract Documents. The Bidder shall enter on this list any addenda issued after this Form of Proposal has been received and shall fill in the addenda number and date.

Addendum #	Dated:

1.19 ASBESTOS

- A. The bidder certifies that no asbestos or asbestos-containing materials will be incorporated into the Work of this Contract.

1.20 AUTHORIZED SIGNATURES FOR PROPOSALS

Individual or Legal Name of Firm or Corporation:
Signature of Representative of Firm or Corporation:
Printed Name and Title:
Date:
If Corporation – provide Seal:

--

1.21 IRAN DIVESTMENT ACT CERTIFICATION

- A. By submission of this bid, (DL & AV Equip 1315), or by assuming the responsibility of a Contract awarded hereunder, each bidder and each person signing on behalf of any bidders, certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief:
 - 1. That each bidder/contractor/assignee is not on the "Entities Determined To Be Non-Responsive Bidders/Offerers Pursuant to The New York State Iran Divestment Act of 2012" list created pursuant to paragraph (b) subdivision 3 of section 165-a of the New York State Finance Law and posted on the OGS website at <http://www.ogs.ny.gov/about/regs/docs/ListofEntities.pdf> and further certifies that it will not utilize on such Contract any subcontractor that is identified on the Prohibited Entities List. Additionally, Bidder/Contractor is advised that should it seek to renew or extend a Contract awarded in response to the solicitation, it must provide the same certification at the time the Contract is renewed or extended. (See Article in the Instructions to Bidders.)

Individual or Legal Name of Firm or Corporation:
Mailing Address:
Signature of Representative of Firm or Corporation:
Printed Name and Title:
Date:
SWORN to before me this date:
Notary Public Signature and Stamp:

1.22 SEXUAL HARASSMENT POLICY/TRAINING AFFIRMATION

- A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that the bidder has and has implemented a written policy addressing sexual harassment prevention in the workplace and provides annual sexual harassment prevention training to all its employees.

Name of Contractor:
Name of Business or Firm:
Address:
Telephone: Fax
Email Address:
Signature and Title of Contractor:
Date:

END OF SECTION 004020

This page intentionally left blank

1.05 SCHEDULE OF WORK

- A. Scheduling of all work shall be coordinated through the District and/or the District's Representative. Contractor shall coordinate their work around the District's needs.
- B. It is the District's intent to work with the Contractor and make the building available for the work to be performed within the time frame allowed.

1.06 ALLOWANCES (REFERENCE SPECIFICATION SECTION 012100)

- A. Specified Allowance as indicated in Specification Section 012100. This amount is to be included in the Base Bid above.

- 1. Allowance Amount:

\$		(Insert Amount)
----	--	-----------------

1.07 ALTERNATES (REFERENCE SPECIFICATION SECTION 012300.)

- A. Enter a whole dollar amount, even if it is zero (\$ 0), for each Alternate. Circle "ADD" or "DEDUCT" for each Alternate Bid. If neither is circled, "DEDUCT" will be assumed. Do not leave any Alternate amount blank. If any amount is blank, it will be assumed the Bidder will provide that Alternate for no change, neither increase nor decrease, in Contract Price.

- 1. Alternate No. EC-1; Provide power to eight (8) new condensing units in Kindergarten and first grade classrooms per drawings:

ADD/DEDUCT	(\$)	
				DOLLARS

1.08 BID SECURITY

- A. Bid Security in the form of a Certified or Cashier's Check or a Bid Bond in the form required by the Contract Documents is attached to and made a part of this Proposal.

1.09 IRAN DIVESTMENT ACT CERTIFICATION

- A. Contractor to submit with the bid, Iran Divestment Act Certification which hereto is made a part of this Form of Proposal and is attached at the end of this Form of Proposal.

1.10 REPRESENTATIONS

- A. By submitting this Proposal the Bidder represents and certifies to the Owner and the Architect that
 - 1. It has examined the Contract Documents, the site of the proposed Work, is familiar with the local conditions at the place where the Work is to be performed and fully comprehends the requirements and intent of the plans and specifications for this Project in accordance with the drawings, specifications and other Contract Documents prepared by CPL the Owners Consultant, for this Project.
 - 2. It has examined and reviewed, where applicable, all information and data in the Contract Documents related to existing underground facilities at or contiguous to the site. Bidder shall require of the Owner or Architect no further investigations, explorations, tests or reports with respect to such underground facilities in order for the Bidder to perform the Work of the Proposal within the Contract Time and in accordance with the Contract Documents.
 - 3. It has given notice to the Architect, as required by the Contract Documents of any and all discrepancies it has discovered and accepts the resolution of those discrepancies offered by the Architect.
 - 4. Pursuant to New York State General Municipal Law section 103-d, by submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:
 - a. The prices in this bid have been arrived at independently without collusion, communication, or agreement, for the purpose of restricting competition, as to any

- matter relating to such prices with any other bidder or with any competitor;
- b. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not be knowingly disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or competitor; and
- c. No attempt has been made or will be made by bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.
- d. The proposal is based upon the materials, equipment and systems required by the Contract Documents, without exception, unless otherwise set forth in this Proposal in detail.

1.11 CHANGE ORDERS

- A. We propose and agree that the above lump sum shall be adjusted for changes in the Contract Work not included in unit prices by addition of the following costs:
 - 1. Profit and overhead as permitted in the General Conditions.

1.12 NON-COLLUSIVE BIDDING CERTIFICATION

- A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:
 - 1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
 - 2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
 - 3. No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

1.13 ACCEPTANCE

- A. When this Proposal is accepted, the undersigned agrees to enter into a Contract with the Owner as provided in the Form of Agreement.

1.14 AFFIRMS

- A. The undersigned affirms and agrees that this Proposal is a firm one which remains in effect and will be irrevocable for a period of forty-five (45) days after opening of Bids.

1.15 TYPE OF BUSINESS

- A. The undersigned hereby represents that it is a (select with circle):
 - 1. Corporation, Partnership, Individual.
 - 2. If a Corporation, then the undersigned further represents that it is duly qualified as a Corporation under the laws of New York State and it is authorized to do business in this State.

1.16 PLACE OF BUSINESS

- A. The following is the name and address of the person to whom all notices required in connection with this Proposal may be telephoned, mailed, or delivered.

Name of Contact Person:	
Name of Business or Firm:	
Address:	
Address:	
Telephone:	Fax
Email Address:	

FEIN: Federal Employer Identification No.:

1.17 EXECUTION OF CONTRACT

- A. When written Notice of Acceptance of the Proposal is mailed or delivered to the undersigned within forty-five (45) days after the opening of Bids, or anytime thereafter should the Proposal not be withdrawn, the undersigned, within ten (10) days, will execute the Form of Agreement with the Owner.

1.18 ADDENDA

- A. Any addenda issued by the Architect and mailed or delivered to the undersigned prior to the Bid opening date shall become part of the Contract Documents. The Bidder shall enter on this list any addenda issued after this Form of Proposal has been received and shall fill in the addenda number and date.

Addendum #	Dated:

1.19 ASBESTOS

- A. The bidder certifies that no asbestos or asbestos-containing materials will be incorporated into the Work of this Contract.

1.20 AUTHORIZED SIGNATURES FOR PROPOSALS

Individual or Legal Name of Firm or Corporation:
Signature of Representative of Firm or Corporation:
Printed Name and Title:
Date:
If Corporation – provide Seal:

1.21 IRAN DIVESTMENT ACT CERTIFICATION

- A. By submission of this bid, (DL & AV Equip 1315), or by assuming the responsibility of a Contract awarded hereunder, each bidder and each person signing on behalf of any bidders, certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief:
 1. That each bidder/contractor/assignee is not on the “Entities Determined To Be Non-Responsive Bidders/Offerers Pursuant to The New York State Iran Divestment Act of 2012” list created pursuant to paragraph (b) subdivision 3 of section 165-a of the New York State Finance Law and posted on the OGS website at <http://www.ogs.ny.gov/about/regs/docs/ListofEntities.pdf> and further certifies that it will not utilize on such Contract any subcontractor that is identified on the Prohibited Entities List.

Additionally, Bidder/Contractor is advised that should it seek to renew or extend a Contract awarded in response to the solicitation, it must provide the same certification at the time the Contract is renewed or extended. (See Article in the Instructions to Bidders.)

Individual or Legal Name of Firm or Corporation:
Mailing Address:
Signature of Representative of Firm or Corporation:
Printed Name and Title:
Date:
SWORN to before me this date:
Notary Public Signature and Stamp:

1.22 SEXUAL HARASSMENT POLICY/TRAINING AFFIRMATION

- A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that the bidder has and has implemented a written policy addressing sexual harassment prevention in the workplace and provides annual sexual harassment prevention training to all its employees.

Name of Contractor:
Name of Business or Firm:
Address:
Telephone: Fax
Email Address:
Signature and Title of Contractor:
Date:

END OF SECTION 004040

This page intentionally left blank



GENERAL NOTES:

1. ALL STEAM UNIT VENTILATORS, CABINET UNIT HEATERS, CONVECTORS, AND FIN TUBE TO BE REMOVED DURING PHASE 2. STEAM SYSTEM SHALL REMAIN OPERATIONAL DURING PHASE 1.
2. SEE DRAWINGS H700 AND H701 FOR BOILER ROOM PHASING DRAWINGS.

KEY NOTES:

1. REMOVE EXISTING STEAM BOILERS IN THEIR ENTIRETY INCLUDING ALL LPS AND LPC PIPING, BREACHING, GAS TRAP, CONTROLS, ETC. COORDINATE REQUIREMENTS OF NEW BOILERS PRIOR TO DEMOLITION OF EXISTING BOILER.
2. REMOVE EXISTING STEAM UNIT VENTILATOR IN ITS ENTIRETY INCLUDING ALL PIPING, CONTROLS, AND TEMPERATURE SENSORS. COORDINATE REQUIREMENTS OF NEW UNIT PRIOR TO DEMOLITION OF EXISTING UNIT.
3. REMOVE EXISTING CONVECTOR IN ITS ENTIRETY INCLUDING ALL PIPING, CONTROLS, AND TEMPERATURE SENSORS.
4. REMOVE EXISTING STEAM TO HOT WATER HEAT EXCHANGER AND EXPANSION TANK IN THEIR ENTIRETY. REMOVE HOT WATER PIPING TO POINT INDICATED AND PREPARE FOR NEW WORK. SAVE EXISTING PUMP P-3 AND P-4 TO BE REUSED.
5. REMOVE EXISTING VACUUM CONDENSATE RETURN PUMP AND CONDENSATE FEED TANK IN THEIR ENTIRETY INCLUDING ALL PIPING.
6. REMOVE EXISTING FIN TUBE IN ITS ENTIRETY INCLUDING ALL STEAM TRAPS, PIPING AND TEMPERATURE SENSORS. PREPARE FOR NEW WORK.
7. REMOVE EXISTING COMBUSTION AIR LOUVERS AND DUCTWORK IN THEIR ENTIRETY UP TO GRAVITY VENTILATORS ON ROOF. PREPARE FOR NEW WORK.
8. REMOVE GAS PIPING BACK TO POINT INDICATED. PREPARE FOR NEW WORK.
9. REMOVE EXISTING COLD WATER SUPPLY LINE BACK TO POINT INDICATED AND CAP.
10. REMOVE EXISTING STEAM COIL IN EXISTING FAN COIL AND ALL SYSTEM PIPING BACK TO MAIN. PREPARE FOR NEW WORK.
11. REMOVE ALL EXISTING REFRIGERANT PIPING FROM COOLING COIL UP TO CONDENSER ON ROOF ABOVE.
12. REMOVE EXISTING CONDENSING UNIT IN ITS ENTIRETY INCLUDING ALL REFRIGERANT PIPING AND PIPE PORTALS. EXISTING ROOF RAILS TO REMAIN AND BE REUSED. PREPARE FOR NEW WORK. MAINTAIN ALL EXISTING ROOF WARRANTIES.
13. REMOVE CAPPED PIPING BACK TO MAIN.
14. INFILL EXISTING LOUVER WITH LIKE CONSTRUCTION.
15. REMOVE EXISTING THERMOSTAT AND CONTROLS. PREPARE FOR NEW. COORDINATE REQUIREMENTS OF NEW THERMOSTAT PRIOR TO DEMOLITION OF EXISTING THERMOSTAT.

PROJECT INFORMATION

Project Number
13294.23
Client Name
SUFFERN CSD

RP CONNOR - BOILER CONVERSION

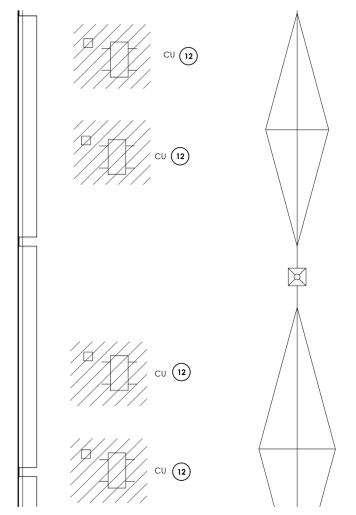
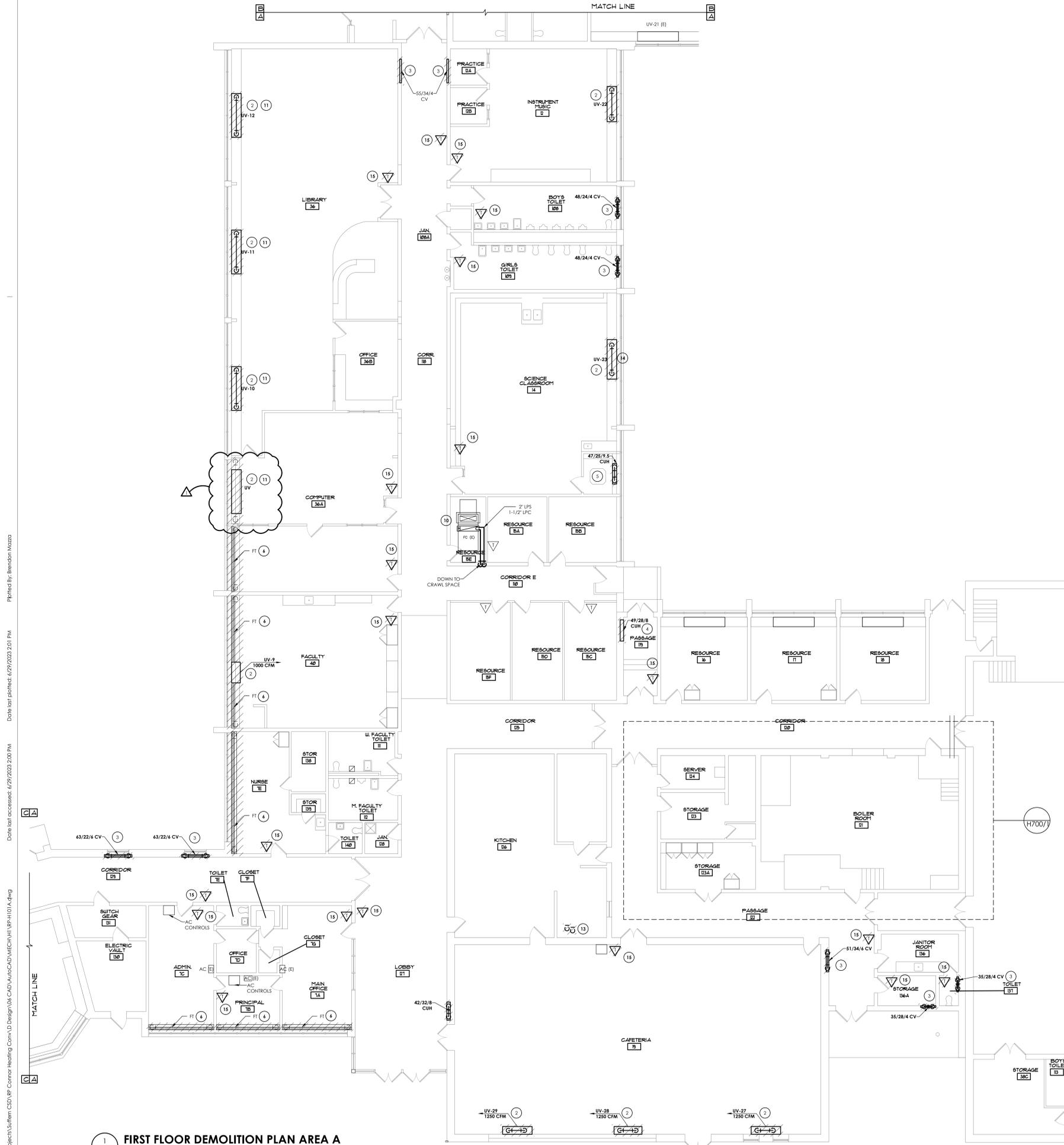
District Office Address
SUFFERN CENTRAL SCHOOL DISTRICT
45 MOUNTAIN AVENUE
HILLBURN, NY 10951

SUFFERN CSD

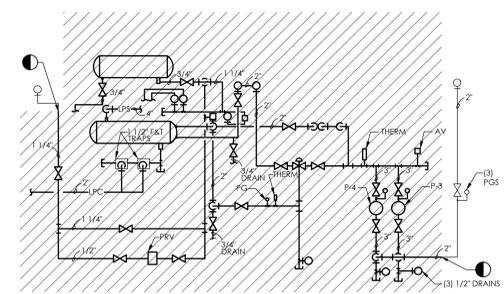
100-4000000-00-000-001

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description
1 6/15/2023 RD ADDITION 1

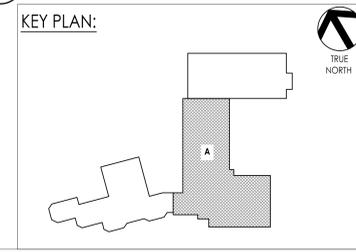


2 LIBRARY ROOF DEMO PLAN
SCALE: 1/4" = 1'-0"



3 SECTION 6-3 VIEW
SCALE: 1/4" = 1'-0"

1 FIRST FLOOR DEMOLITION PLAN AREA A
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROFESSIONAL STAMPS

SHEET INFORMATION

Issue Date: 06/15/2023
Scale: AS NOTED
Project Status: CD
Drawn By: KCM
Checked By: AJS
Drawing Title: FIRST FLOOR HVAC DEMOLITION PLANS AREA A

Drawing Number
RPC HT01A

Sheet Size: 30x42
 Drawing Name: S:\Project\Suffern\CSD\RP Connor\Heating\ConVD\Design\68 CAD\AutoCAD\Mech\H1\RP-H101A.dwg
 Date last accessed: 6/29/2023 2:00 PM
 Date last plotted: 6/29/2023 2:01 PM
 Plotted By: Brandon Mazza

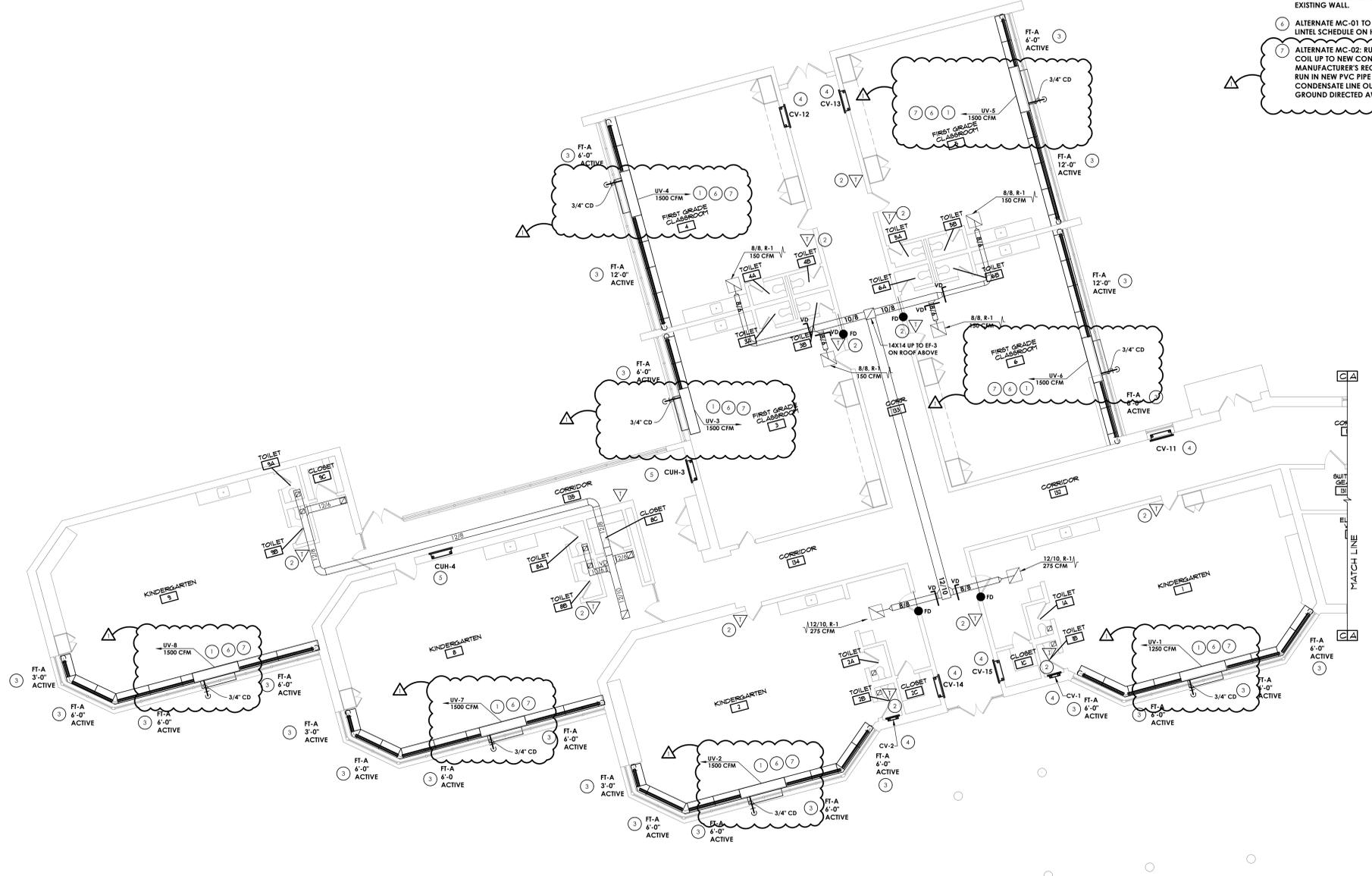


GENERAL NOTES:

- CONTRACTOR SHALL FIELD VERIFY ALL CABINERY AND WINDOW SILL DIMENSIONS PRIOR TO SUBMITTING SHOP DRAWINGS.
- ALL CONTROLS WORK TO BE DONE BY DISTRICT BMS PROVIDER HONEYWELL
CONTACT: BOB GARVEY OR SEAN YATES
C: 973-455-2503 C: 908-963-0467
C: 862-579-8821
- ALL NEW UNIT VENTILATORS, CABINET UNIT HEATERS, CONVECTORS, AND FIN TUBE TO BE INSTALLED DURING PHASE 2.
- NEW CLASSROOM EXHAUST FAN RELIEF TO BE INSTALLED DURING PHASE 2.
- EXISTING UV LOUVERS TO REMAIN. ALTERNATE NO 1. TO REPLACE WITH NEW. PROVIDE INTEL AND MATCH WITH LIKE CONSTRUCTION.

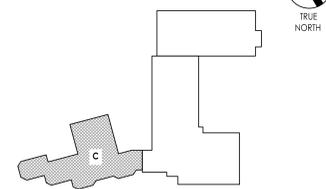
KEY NOTES:

- FURNISH AND INSTALL NEW UNIT VENTILATOR, TEMPERATURE SENSOR, WALL BOX, EXTERIOR LOUVER, AND FIN-TUBE. MODIFY EXISTING CABINERY AS NECESSARY TO FIT NEW UNIT. CONTRACTOR IS RESPONSIBLE FOR LINTELS AND INCREASING EXTERIOR OPENING TO ACCOMMODATE NEW WORK. CONTRACTOR TO CONSTRUCT CHASE WALL BEHIND UNIT TO ACCOMMODATE TRANSITION DUCTWORK.
- FURNISH AND INSTALL NEW DDC TEMPERATURE SENSOR AND CONTROLS. COORDINATE ALL CONTROLS WORK WITH THE DISTRICTS CONTROLS PROVIDER.
- FURNISH AND INSTALL NEW FIN TUBE BEHIND EXISTING CABINERY.
- FURNISH AND INSTALL NEW CONVECTOR IN EXISTING CONVECTOR LOCATION. MODIFY WALL OPENING AS NECESSARY. PATCH AROUND NEW CONVECTOR AS NECESSARY AND MATCH TO EXISTING WALL.
- FURNISH AND INSTALL NEW CABINET UNIT HEATER IN EXISTING CABINET UNIT HEATER LOCATION. MODIFY WALL OPENING AS NECESSARY. PATCH AROUND NEW CABINET UNIT HEATERS AS NECESSARY AND MATCH TO EXISTING WALL.
- ALTERNATE MC-01 TO REPLACE EXISTING LOUVER WITH NEW LOUVER. SEE LINTEL SCHEDULE ON H900. PATCH WITH LIKE CONSTRUCTION.
- ALTERNATE MC-02: RUN NEW REFRIGERANT PIPING FOR NEW COOLING COIL UP TO NEW CONDENSERS ON ROOF ABOVE. SIZE PIPING PER MANUFACTURER'S RECOMMENDATION. NEW REFRIGERANT PIPING TO BE RUN IN NEW PVC PIPE FORTRESS LINE SET COVERS. ROUTE NEW 3/4" CONDENSATE LINE OUT THE BACK OF THE UNIT AND TERMINATE 6" ABOVE GROUND DIRECTED AWAY FROM THE BUILDING.



1 FIRST FLOOR PLAN - AREA C
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT INFORMATION

Project Number: 13294.23
Client Name: SUFFERN CSD
Project Name: RP CONNOR - BOILER CONVERSION

District Office Address: SUFFERN CENTRAL SCHOOL DISTRICT
45 MOUNTAIN AVENUE
HILLBURN, NY 10931

SUFFERN CSD

No.	Date	Description
1	6/15/2023	ISSUED FOR CONSTRUCTION

PROJECT ISSUE & REVISION SHEET

No.	Date	Description
1	6/15/2023	ISSUED FOR CONSTRUCTION

PROFESSIONAL STAMPS

SHEET INFORMATION

Issue: 06/15/2023
Scale: 1/8" = 1'-0"
Project Status: CD
Drawn By: AJS
Checked By: AJS
Drawing Title: FIRST FLOOR HVAC NEW PLANS AREA C

Drawing Number: RPC H201C



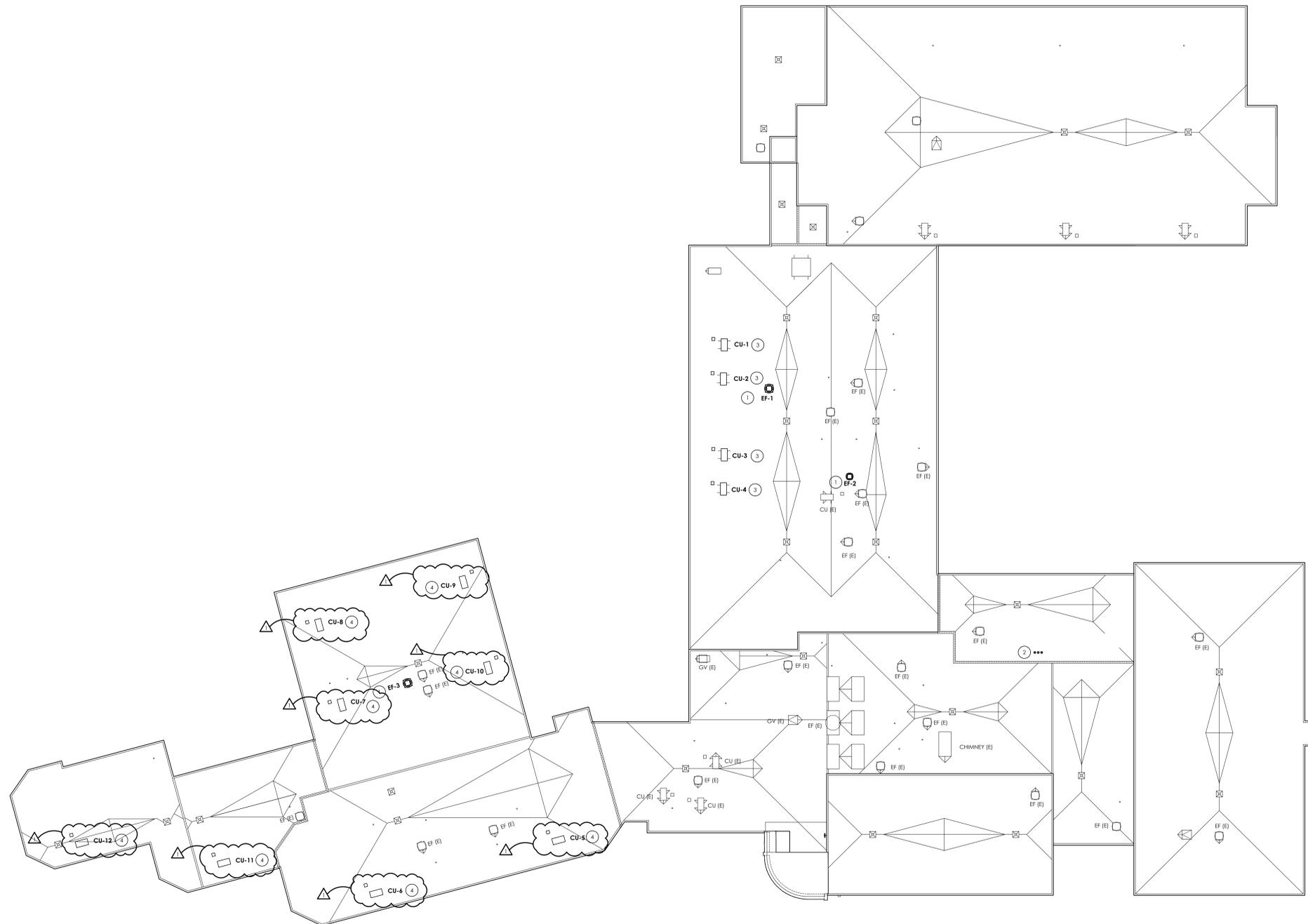
CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

GENERAL NOTES:

- ALL CONTROLS WORK TO BE DONE BY DISTRICT BMS PROVIDER HONEYWELL.
CONTACT: BOB GARVEY OR SEAN YATES
O: 973-455-2503 C: 908-963-0467
C: 862-579-8821
- ALL CONDENSERS AND EXHAUST FANS TO BE INSTALLED DURING PHASE 2.

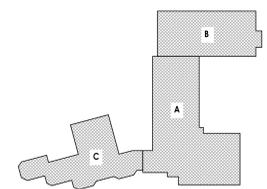
KEY NOTES:

- FURNISH AND INSTALL NEW EXHAUST FAN AND CURB ON ROOF. MAINTAIN ALL EXISTING ROOF WARRANTIES.
- PROVIDE GOOSENECK AND BIRD SCREEN FOR NEW COMBUSTION AIR VENTS THROUGH ROOF. PATCH ROOF AND SEAL. MAINTAIN ALL EXISTING ROOF WARRANTIES.
- INSTALL NEW CONDENSING UNIT ON EXISTING ROOF RAILS FROM REMOVED CONDENSER. PROVIDE NEW PIPE PORTAL FOR REFRIGERANT PIPING DOWN TO NEW LIBRARY UNIT VENTILATOR COOLING COILS. MAINTAIN ALL EXISTING ROOF WARRANTIES.
- ALTERNATE MC-02: INSTALL NEW CONDENSING UNIT ON NEW EQUIPMENT RAILS. PROVIDE NEW PIPE PORTAL FOR REFRIGERANT PIPING DOWN TO NEW UNIT VENTILATOR COOLING COILS. MAINTAIN ALL EXISTING ROOF WARRANTIES.



1 ROOF NEW WORK PLAN
SCALE: 1/16" = 1'-0"

KEY PLAN:



PROJECT INFORMATION

Project Number: 13294_23
Client Name: SUFFERN CSD

PROJECT NAME

RP CONNOR - BOILER CONVERSION
District Office Address: SUFFERN CENTRAL SCHOOL DISTRICT
45 MOUNTAIN AVENUE
HILLSBURN, NY 10931

SUFFERN CSD

ED: 4303451-00-000-001

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	6/30/2023	ED-ADDENDUM 1

PROFESSIONAL STAMPS

NEW YORK PROFESSIONAL ENGINEER
IN A REGULATION OF THE NEW YORK STATE EDUCATION LAW AND BY
CONSENT OF THE BOARD OF PROFESSIONAL ENGINEERS AND SURVEYORS
THE BOARD OF PROFESSIONAL ENGINEERS AND SURVEYORS HAS GRANTED
THE RIGHT TO USE THIS PROFESSIONAL SEAL TO ANY INDIVIDUAL WHO HAS
INCORPORATED THE BOARD'S REGULATIONS INTO HIS OR HER PRACTICE
THIS SEAL AND THE NOTATION ACCOMPANYING IT SHALL BE VALID FOR THE
DURATION OF THE LICENSE GRANTED BY THE BOARD OF PROFESSIONAL
ENGINEERS AND SURVEYORS.

SHEET INFORMATION

Issue: 06/15/2023 Scale: AS SHOWN
Project Status: CD
Drawn By: SCM Checked By: XXX
Drawing Title: HVAC ROOF PLAN NEW WORK

Drawing Number:
RPC H202



PROJECT INFORMATION

Project Number
13294_23
Client Name
SUFFERN CSD

Project Name
**RP CONNOR - BOILER
CONVERSION**

DWG#1 Office Address
HILLBURN

SUFFERN CSD

125-434-9410 (6-09-2021)

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description
1 6/23/2023 RD-ADDENDUM 1

ELECTRICAL EQUIPMENT SCHEDULE

ITEM NUMBER	EQUIPMENT	ROOM NO.	HP/FLA	VOLTS	PHASE	AMPS	BREAKER SIZE/FUSE SIZE	WIRE/CONDUIT SIZE	PANEL/CCT	REMARKS
1	UNIT VENTILATOR UV-1	1 KINDERGARTEN	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
2	UNIT VENTILATOR UV-2	2 KINDERGARTEN	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
3	UNIT VENTILATOR UV-3	3 FIRST GRADE	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
4	UNIT VENTILATOR UV-4	4 FIRST GRADE	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
5	UNIT VENTILATOR UV-5	5 FIRST GRADE	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
6	UNIT VENTILATOR UV-6	6 FIRST GRADE	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
7	UNIT VENTILATOR UV-7	8 KINDERGARTEN	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
8	UNIT VENTILATOR UV-8	9 KINDERGARTEN	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
9	UNIT VENTILATOR UV-9	12 MUSIC	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
10	UNIT VENTILATOR UV-10	14 SCIENCE	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
11	UNIT VENTILATOR UV-11	14 SCIENCE	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
12	UNIT VENTILATOR UV-12	36 LIBRARY	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
13	UNIT VENTILATOR UV-13	36 LIBRARY	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
14	UNIT VENTILATOR UV-14	36 LIBRARY	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
15	UNIT VENTILATOR UV-15	36A COMPUTER	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
16	UNIT VENTILATOR UV-16	40 FACULTY	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
17	UNIT VENTILATOR UV-17	19 CAFETERIA	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
18	UNIT VENTILATOR UV-18	19 CAFETERIA	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
19	UNIT VENTILATOR UV-19	19 CAFETERIA	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1.2
20	CABINET UNIT HEATER CUH-1	119 PASSAGE	1/4HP	120	1	2.8	-	EXISTING	EXISTING	1
21	B-1	BOILER ROOM	16A	120	1	16	20/1	(2)#12, #12G IN 3/4"C	NLAB SUB PANEL	1.3
22	B-2	BOILER ROOM	16A	120	1	16	20/1	(2)#12, #12G IN 3/4"C	NLAB SUB PANEL	1.3
23	B-3	BOILER ROOM	16A	120	1	16	20/1	(2)#12, #12G IN 3/4"C	NLAB SUB PANEL	1.3
24	P-1	BOILER ROOM	10HP	208	3	30.8	40/3	(3)#8, #8G IN 3/4"C	PPCN2	1.3,4
25	P-2	BOILER ROOM	10HP	208	3	30.8	40/3	(3)#8, #8G IN 3/4"C	PPCN2	1.3,4
26	P-3	BOILER ROOM	2HP	208	3	6.9	15/3	(3)#12, #12G IN 3/4"C	NLAB SUB PANEL	1.3
27	P-4	BOILER ROOM	2HP	208	3	6.9	15/3	(3)#12, #12G IN 3/4"C	NLAB SUB PANEL	1.3
28	P-5	BOILER ROOM	2HP	208	3	6.9	15/3	(3)#12, #12G IN 3/4"C	NLAB SUB PANEL	1.3
29	EF-1	ROOF	1/3HP	120	1	7.2	20/1	(2)#10, #10G IN 3/4"C	LP1C	1.2,3
30	EF-2	ROOF	1/4HP	120	1	3.8	20/1	(2)#10, #10G IN 3/4"C	LP1C	1.2,3
31	EF-3	ROOF	1/4HP	120	1	5.8	20/1	(2)#10, #10G IN 3/4"C	LP1B	1.2,3
32	CABINET UNIT HEATER CUH-2	121 LOBBY	1/4HP	120	1	2.8	-	EXISTING	EXISTING	1
33	CABINET UNIT HEATER CUH-3	135 CORRIDOR	1/4HP	120	1	2.8	-	EXISTING	EXISTING	1
34	CABINET UNIT HEATER CUH-4	8 KIDERGARTEN	1/4HP	120	1	2.8	-	EXISTING	EXISTING	1
35	FAN COIL UNIT FC-1	14 SCIENCE	1.5A	120	1	1.5	20/1	(2)#12, #12G IN 3/4"C	PP2	1.3
36	CONDENSER CU-1	ROOF	26.2A	208	1	26.2	45/2	(2)#8, #10G IN 3/4"C	PPCN1	1.2,3
37	CONDENSER CU-2	ROOF	26.2A	208	1	26.2	45/2	(2)#8, #10G IN 3/4"C	PPCN1	1.2,3
38	CONDENSER CU-3	ROOF	26.2A	208	1	26.2	45/2	(2)#8, #10G IN 3/4"C	PPCN1	1.2,3
39	CONDENSER CU-4	ROOF	26.2A	208	1	26.2	45/2	(2)#8, #10G IN 3/4"C	PPCN1	1.2,3
40	CONDENSER CU-5	ROOF	26.2A	208	1	32.6	50/2	(2)#8, #10G IN 3/4"C	PPCN1	1.2,3
41	CONDENSER CU-6	ROOF	26.2A	208	1	32.6	50/2	(2)#8, #10G IN 3/4"C	PPCN1	1.2,3
42	CONDENSER CU-7	ROOF	26.2A	208	1	26.2	45/2	(2)#8, #10G IN 3/4"C	PPCN1	1.2,3
43	CONDENSER CU-8	ROOF	26.2A	208	1	32.6	50/2	(2)#8, #10G IN 3/4"C	LPSE	1.2,3
44	CONDENSER CU-9	ROOF	26.2A	208	1	32.6	50/2	(2)#8, #10G IN 3/4"C	LPSE	1.2,3
45	CONDENSER CU-10	ROOF	26.2A	208	1	32.6	50/2	(2)#8, #10G IN 3/4"C	PPCN2	1.2,3
46	CONDENSER CU-11	ROOF	26.2A	208	1	32.6	50/2	(2)#8, #10G IN 3/4"C	PPCN2	1.2,3
47	CONDENSER CU-12	ROOF	26.2A	208	1	32.6	50/2	(2)#8, #10G IN 3/4"C	PPCN2	1.2,3

REMARKS:

- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE MOUNTING, AND LINELOAD SIDE CONNECTIONS OF DISCONNECT AND/OR STARTER DEVICE ASSOCIATED WITH UNIT. MEANS OF DISCONNECT AND/OR STARTER ASSOCIATED WITH UNIT PROVIDED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL FINAL CONNECTIONS TO EQUIPMENT.
- PROVIDE FIRE ALARM FAN SHUTDOWN.
- PROVIDE CIRCUIT BREAKER NOTED IN PANEL. UTILIZE EXISTING BREAKERS IF AVAILABLE. ALL NEW CIRCUIT BREAKERS SHALL MATCH AIC RATING OF PANEL AND BE UL LISTED AND LABELED.
- PUMPS TO BE WIRED THRU VFD UTILIZING WIRING NOTED.

NEW YORK PROFESSIONAL ENGINEERING SEAL
I, JAS, LICENSE NO. 13294, REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK, DO HEREBY CERTIFY THAT I AM THE DESIGNER OF THIS DOCUMENT AND THAT I AM A MEMBER IN GOOD STANDING OF THE PROFESSIONAL ENGINEERING SOCIETY OF NEW YORK STATE. ANY OTHER INFORMATION CONCERNING THIS DOCUMENT MAY BE OBTAINED BY CONTACTING THE DESIGNER AT THE ADDRESS LISTED BELOW.

SHEET INFORMATION

Issue Date
06/15/2023 NOT TO SCALE
Project Status
CD
Drawn By
AL Checked By
JAS
Drawing Title
ELECTRICAL SCHEDULES

Drawing Number
**RPC
E900**