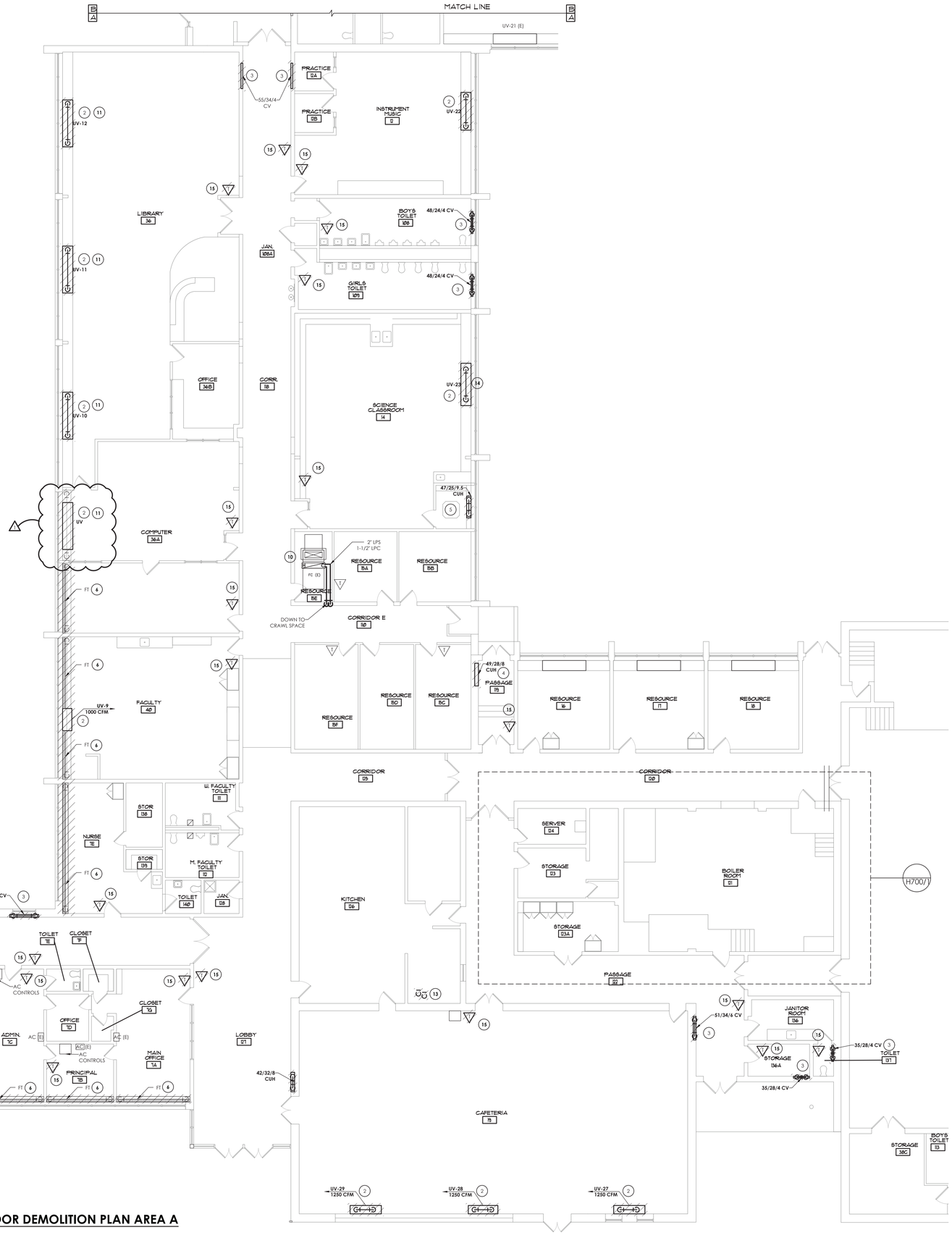


1 H101A FIRST FLOOR DEMOLITION PLAN AREA A

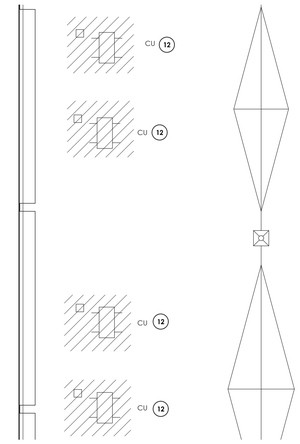
SCALE: 1/8" = 1'-0"

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.

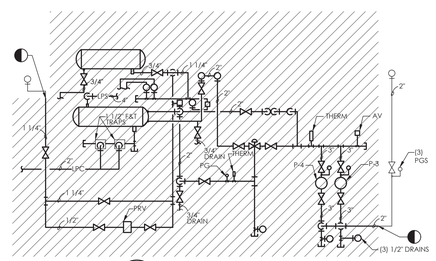
KEY NOTES:

1. REMOVE EXISTING STEAM BOILERS IN THEIR ENTIRETY INCLUDING ALL LPS AND LPC PIPING, BREACHING, GAS TRAIN, 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 COOILING 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.



2 H101A LIBRARY ROOF DEMO PLAN

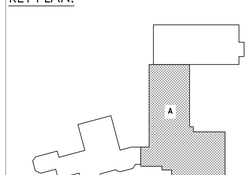
SCALE: 1/4" = 1'-0"



3 H101A SECTION 6-3 VIEW

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

KEY PLAN:



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

PROJECT INFORMATION

Project Number
13296.23

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

- BID #SD-04-01-06-0-005-021

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	6/30/2023	BID ADDENDUM 1

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
06/15/2023	AS NOTED
Project Status	
CD	
Drawn By	Checked By
KCM	AJS

Drawing Title
FIRST FLOOR HVAC DEMOLITION PLANS AREA A

Drawing Number
RPC
H101A

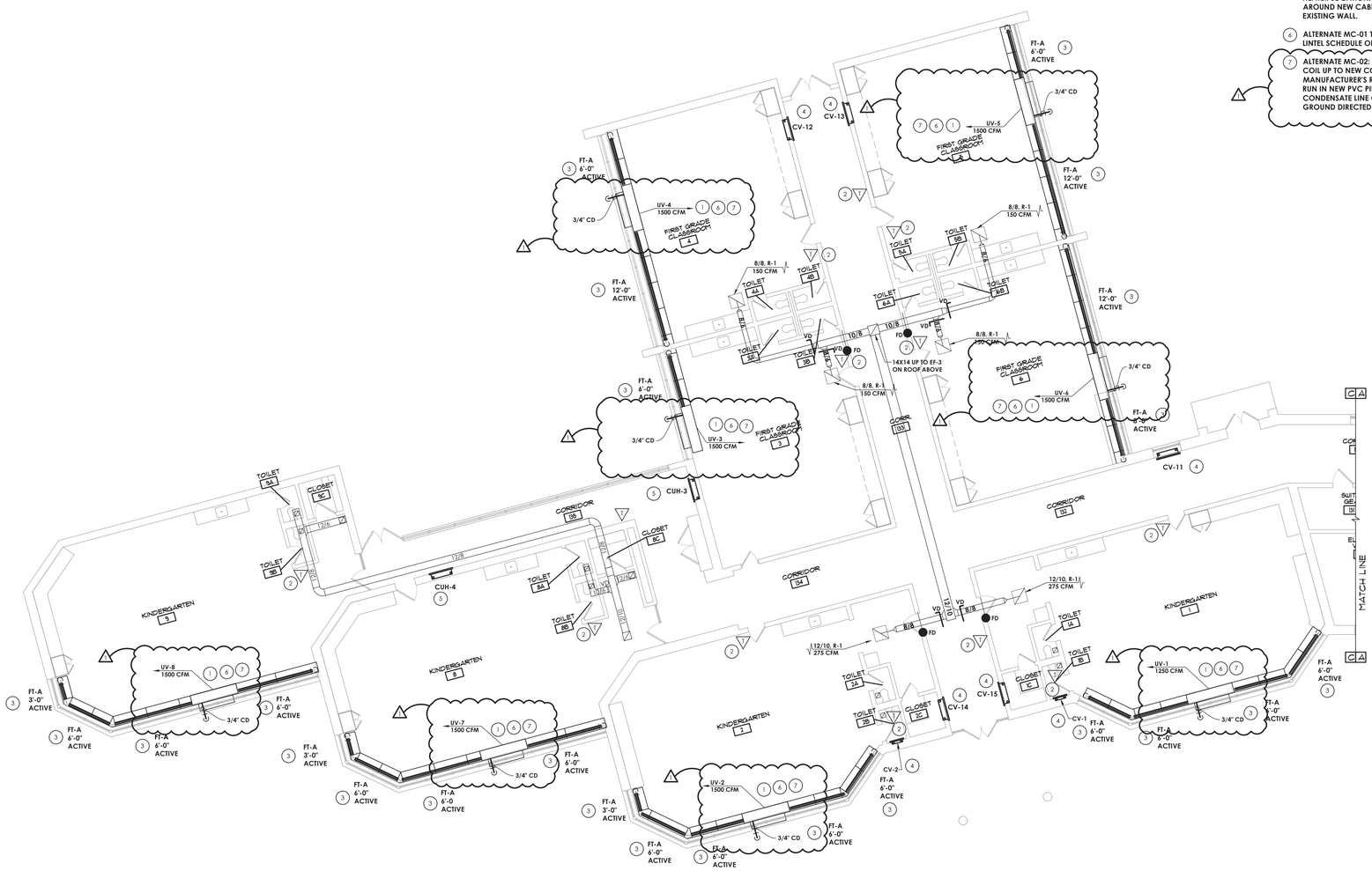
Sheet size: 30x42
Drawing Name: S:\Projects\Suffern CSD\RP Connor Heating Conv\D Design\06 CAD\AutoCAD\MECH\H1\RP-H101A.dwg
Plotted By: Brendon Mazza
Date last plotted: 6/29/2023 2:01 PM
Date last accessed: 6/29/2023 2:00 PM

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL CABINETRY AND WINDOW SILL DIMENSIONS PRIOR TO SUBMITTING SHOP DRAWINGS.
2. 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
3. ALL NEW UNIT VENTILATORS, CABINET UNIT HEATERS, CONVECTORS, AND FIN TUBE TO BE INSTALLED DURING PHASE 2.
4. NEW CLASSROOM EXHAUST FAN RELIEF TO BE INSTALLED DURING PHASE 2.
5. EXISTING UV LOUVERS TO REMAIN. ALTERNATE NO 1. TO REPLACE WITH NEW. PROVIDE INTEL AND MATCH WITH LIKE CONSTRUCTION.

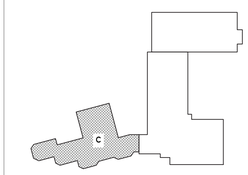
KEY NOTES:

1. FURNISH AND INSTALL NEW UNIT VENTILATOR, TEMPERATURE SENSOR, WALL BOX, EXTERIOR LOUVER, AND FIN-TUBE. MODIFY EXISTING CABINETRY 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.
2. FURNISH AND INSTALL NEW DDC TEMPERATURE SENSOR AND CONTROLS. COORDINATE ALL CONTROLS WORK WITH THE DISTRICTS CONTROLS PROVIDER.
3. FURNISH AND INSTALL NEW FIN TUBE BEHIND EXISTING CABINETRY.
4. 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.
5. 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.
6. ALTERNATE MC-01 TO REPLACE EXISTING LOUVER WITH NEW LOUVER. SEE LINTEL SCHEDULE ON H900. PATCH WITH LIKE CONSTRUCTION.
7. 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 H201C **FIRST FLOOR PLAN - AREA C**
SCALE:1/8" = 1'-0"

KEY PLAN:



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

PROJECT INFORMATION

Project Number
13296.23

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

SED #30-04-01-06-0-009-021

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	6/30/2023	BID ADDENDUM 1

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
06/15/2023	1/8" = 1'- 0"
Project Status	
CD	
Drawn By	Checked By
AJS	AJS

Drawing Title
FIRST FLOOR HVAC NEW PLANS AREA C

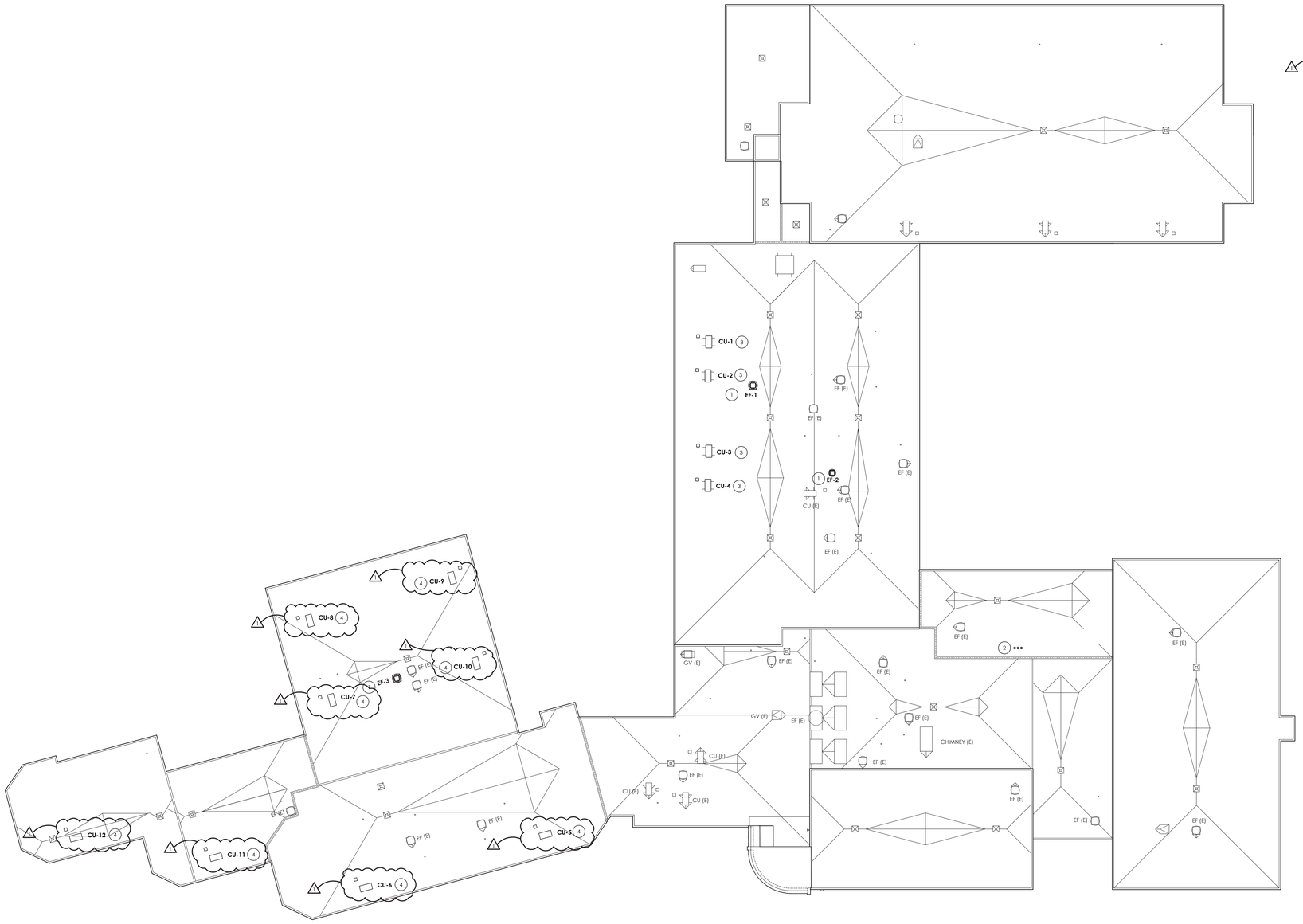
Drawing Number
RPC H201C

GENERAL NOTES:

1. 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
2. ALL CONDENSERS AND EXHAUST FANS TO BE INSTALLED DURING PHASE 2.

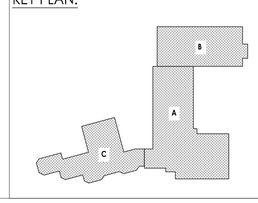
KEY NOTES:

1. FURNISH AND INSTALL NEW EXHAUST FAN AND CURB ON ROOF. MAINTAIN ALL EXISTING ROOF WARRANTIES.
2. PROVIDE GOOSENECK AND BIRD SCREEN FOR NEW COMBUSTION AIR VENTS THROUGH ROOF. PATCH ROOF AND SEAL. MAINTAIN ALL EXISTING ROOF WARRANTIES.
3. 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.
4. 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 H202 **ROOF NEW WORK PLAN**
SCALE:1/16" = 1'-0"

KEY PLAN:



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

PROJECT INFORMATION

Project Number
13296.23

Client Name
SUFFERN CSD

Project Name
RP CONNOR - BOILER CONVERSION

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

SUFFERN CSD

- SED #50-04-01-06-0-003-021

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	6/30/2023	BID ADDENDUM 1

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
06/15/2023	AS SHOWN
Project Status	
CD	
Drawn By	Checked By
BKM.	XXX

Drawing Title
HVAC ROOF PLAN NEW WORK

Drawing Number
RPC
H202

LOOSE LINTEL SCHEDULE

WALL TYPE	SPAN	LINTEL
4" MASONRY / VENEER	1'-4" to 4'-6"	L 4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	L 4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	L 5 x 3 1/2 x 5/16 (L.L.V.)
	6'-7" to 7'-6"	L 6 x 3 1/2 x 5/16 (L.L.V.)
6" BLOCK	1'-4" to 4'-6"	WT 4 x 9
	4'-7" to 5'-6"	WT 4 x 10.5
	5'-7" to 6'-6"	WT 5 x 13
	6'-7" to 7'-6"	WT 5 x 13
	7'-7" to 9'-0"	W8 x 10 + 5 1/2 x 5/16 PL.
8" BLOCK	1'-4" to 4'-6"	(2) - L4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	(2) - L4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	(2) - L5 x 3 1/2 x 5/16 (L.L.V.)
	6'-7" to 7'-6"	(2) - L6 x 3 1/2 x 5/16 (L.L.V.)
	7'-7" to 9'-0"	WT 9 x 25
4" BRICK & 8" BLOCK OR 12" BLOCK	1'-4" to 4'-6"	(3) - L4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	(3) - L4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	(3) - L5 x 3 1/2 x 5/16 (L.L.V.)
	6'-7" to 7'-6"	(3) - L6 x 3 1/2 x 5/16 (L.L.V.)

1. PROVIDE LOOSE LINTELS OVER ALL OPENINGS IN EXTERIOR AND INTERIOR MASONRY WALLS AS SCHEDULED UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
2. MINIMUM BEARING FOR ALL LINTELS SHALL BE 8" EACH END.
3. BLOCK WALLS SHALL BE GROUTED SOLID 3 COURSES BELOW BEARING POINT FOR A WIDTH OF 16" UNLESS NOTED OTHERWISE ON STRUCTURAL FRAMING PLANS.
4. SEE ARCH., HVAC, & PLUMBING DRAWINGS FOR SIZE AND LOCATION OF ALL WALL OPENINGS.
5. CONTRACTOR SHALL PROVIDE AN ADDITIONAL 50 FT. OF ANGLE 5 x 3 1/2 x 5/16 OR THE EQUIVALENT.
6. FOR LINTEL SPANS GRATER THAN 6'-0", BOLT ASSEMBLIES TOGETHER AT 1/3 POINTS.
7. WHERE LINTELS REQUIRE 3 ANGLES, PROVIDE A 3/16" PLATE EQUAL TO WALL WIDTH ACROSS SPAN, ATTACHED TO BOTTOM OF THE LINTEL.

UNIT VENTILATOR SCHEDULE

MARK	ROOM SERVES	OA FAN	UNIT TYPE	CFM	ELECTRICAL		WINTER		HW COIL CAPACITY						COOLING COIL CAPACITY				CABINET SIZE (LXHXD) IN	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
					MCA	VOLT/Ø	OA °F	RA °F	EWT °F	LWT °F	EAT °F	LAT °F	MBH	GPM	TONS	EAT °F	LAT °F	MBH			
UV-1	1	475	HORIZONTAL	1500	6.3	115/1	2	72	180	113.5	37.0	100.6	99.7	3.0	5.0	81.3	55	57.9	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-2	2	475	HORIZONTAL	1500	6.3	115/1	2	72	180	113.5	37.0	100.6	99.7	3.0	5.0	81.3	55	57.9	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-3	3	350	HORIZONTAL	1500	6.3	115/1	2	72	180	117.3	37.0	101.9	78.4	2.5	4.0	81.9	54.2	47.1	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-4	4	350	HORIZONTAL	1500	6.3	115/1	2	72	180	113.5	37.0	100.6	99.7	3.0	5.0	81.3	55	57.9	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-5	5	350	HORIZONTAL	1500	6.3	115/1	2	72	180	113.5	37.0	100.6	99.7	3.0	5.0	81.3	55	57.9	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-6	6	350	HORIZONTAL	1500	6.3	115/1	2	72	180	113.5	37.0	100.6	99.7	3.0	5.0	81.3	55	57.9	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-7	8	475	HORIZONTAL	1500	6.3	115/1	2	72	180	113.5	37.0	100.6	99.7	3.0	5.0	81.3	55	57.9	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-8	9	475	HORIZONTAL	1500	6.3	115/1	2	72	180	113.5	37.0	100.6	99.7	3.0	5.0	81.3	55	57.9	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-9	12	500	HORIZONTAL	1500	6.3	115/1	2	72	180	117.3	37.0	101.9	78.4	2.5	4.0	81.9	54.2	47.1	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-10	14	450	HORIZONTAL	1500	6.3	115/1	2	72	180	117.3	37.0	101.9	78.4	2.5	4.0	81.9	54.2	47.1	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,8
UV-11	14	450	HORIZONTAL	1500	6.3	115/1	2	72	180	117.3	37.0	101.9	78.4	2.5	4.0	81.9	54.2	47.1	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,8
UV-12	36	370	HORIZONTAL	1500	6.3	115/1	2	72	180	117.3	37.0	101.9	78.4	2.5	3.5	80.2	54.9	40.4	98X30X22	DAIKIN UAVS9H15	1,2,4,5,6,7
UV-13	36	370	HORIZONTAL	1500	6.3	115/1	2	72	180	117.3	37.0	101.9	78.4	2.5	3.5	80.2	54.9	40.4	98X30X22	DAIKIN UAVS9H15	1,2,4,5,6,7
UV-14	36	370	HORIZONTAL	1500	6.3	115/1	2	72	180	117.3	37.0	101.9	78.4	2.5	3.5	80.2	54.9	40.4	98X30X22	DAIKIN UAVS9H15	1,2,4,5,6,7
UV-15	36A	310	HORIZONTAL	1500	6.3	115/1	2	72	180	117.3	37.0	101.9	78.4	2.5	3.5	80.2	54.9	40.4	98X30X22	DAIKIN UAVS9H15	1,2,4,5,6,7
UV-16	40	100	HORIZONTAL	1500	6.3	115/1	2	72	180	143.8	60.0	103.8	54.3	3.0	3.0	76.4	54.9	30.5	98X30X22	DAIKIN UAVS9H15	1,2,3,4,5,6,7
UV-17	19	450	HORIZONTAL	1500	6.3	115/1	2	72	180	111.3	37.0	99	103.1	3.0	-	-	-	-	98X30X22	DAIKIN UAVS9H15	1,4,5,6
UV-18	19	450	HORIZONTAL	1500	6.3	115/1	2	72	180	111.3	37.0	99	103.1	3.0	-	-	-	-	98X30X22	DAIKIN UAVS9H15	1,4,5,6
UV-19	19	450	HORIZONTAL	1500	6.3	115/1	2	72	180	111.3	37.0	99	103.1	3.0	-	-	-	-	98X30X22	DAIKIN UAVS9H15	1,4,5,6

REMARKS:
1. FACTORY MOUNTED AND WIRED DISCONNECT.
2. CONDENSATE PUMP, DRAIN PAN ALARM.
3. PROVIDE DX COIL FOR FUTURE CONNECTION BY OTHERS.
4. FLOOR MOUNTED.
5. COLOR TO BE SELECTED BY ARCHITECT BASED ON MANUFACTURER'S STANDARD COLORS.
6. PROVIDE FACE AND BYPASS DAMPER.
7. ALTERNATE MC-01, REPLACE EXISTING UV LOUVER WITH NEW 72" X 10-3/8" LOUVER.
8. PROVIDE NEW LOUVER 72" X 10-3/8".

UNIT HEATER SCHEDULE

MARK	LOCATION	TYPE	CFM	EWT	LWT	OUTPUT MBH	GPM	PRESS. DROP (FT WC)	EAT	LAT	V/PH/HZ	HP	TYPICAL UNIT MFG. & MODEL NO.	REMARKS:
CUH-1	PASSAGE 119	WALL RECESSED	271	180	150	17	1.2	1.7	65	121.6	115/1/60	0.140	IEC FHY02	1
CUH-2	LOBBY 121	WALL RECESSED	261	180	150	21	1.4	3.6	65	137.4	115/1/60	0.140	IEC FHY02	1
CUH-3	CORRIDOR 135	WALL RECESSED	271	180	150	17	1.2	1.7	65	121.6	115/1/60	0.140	IEC FHY02	1
CUH-4	KINDERGARTEN 8	WALL RECESSED	271	180	150	17	1.2	1.7	65	121.6	115/1/60	0.140	IEC FHY02	1

REMARKS:
1. PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH
2. COLOR TO BE SELECTED BY ARCHITECT BASED ON MANUFACTURER'S STANDARD COLORS.

RP CONNOR OUTSIDE AIR CALCS

Unit	Space	CFM/ft^2	TOTAL OCCUPANCY FOR	TOTAL	O.A. PER PERSON	O.A. PER SQ. FT.	Vbz		EXHAUST AIRFLOW RATE CFM/FT2	Voz=Vot	ADJUSTED
TAG	Description	at Maximum	VENTILATION	SQ. FT.	(CFM)	(CFM)	(CFM)	Ez		(CFM)	CFM	REMARK
UV-1	001 KINDER		29	1121	10	0.12	425	0.9		472	600	
UV-2	002 KINDER		28	1090	10	0.12	411	0.9		456	600	
UV-3	003 FIRST GRADE		21	823	10	0.12	309	0.9		343	450	
UV-4	004 FIRST GRADE		21	807	10	0.12	307	0.9		341	450	
UV-5	005 FIRST GRADE		21	807	10	0.12	307	0.9		341	450	
UV-6	006 FIRST GRADE		21	823	10	0.12	309	0.9		343	450	
UV-7	008 KINDER		29	1137	10	0.12	426	0.9		474	600	
UV-8	009 KINDER		29	1126	10	0.12	425	0.9		472	600	
UV-9	012 MUSIC		25	705	10	0.06	292	0.9		325	400	
UV-9	012A PRACTICE		2	49	10	0.06	23	0.9		25	50	
UV-9	012B PRACTICE		2	49	10	0.06	23	0.9		25	50	
UV-10	014 ART		50	1164	10	0.18	710	0.9	0.7	788	450	
UV-11	014 ART		-	-	-	-	-	-	-	-	450	
CV-1	014A KILN		1	50	10	0.18	19	0.9	0.7	21	50	
UV-17	19 CAFETERIA		257	2561	7.5	0.18	2388	0.9		2654	450	1
UV-18	19 CAFETERIA		-	-	-	-	-	-		-	450	1
UV-19	19 CAFETERIA		-	-	-	-	-	-		-	450	1
UV-12	36 LIBRARY		71	2020	10	0.12	952	0.9		1058	370	
UV-13	36 LIBRARY		-	-	-	-	-	-		-	370	
UV-14	36 LIBRARY		-	-	-	-	-	-		-	370	
UV-15	36A RESOURCE		16	613	10	0.12	234	0.9		260	260	
UV-15	36B OFFICE		2	204	5	0.06	22	0.9		25	50	
UV-15	36C COMPUTER OFFICE		3	402	5	0.06	39	0.9		43	50	
UV-16	040 FACULTY		5	816	5	0.06	74	0.9		82	100	

REMARKS: 1. ADDITIONAL OUTSIDE AIR PROVIDED BY EXISTING ROOFTOP UNIT.

AIR COOLED CONDENSER UNIT SCHEDULE

MARK	LOCATION	SERVES	NOMINAL TONS	REFRIGERANT TYPE	RATED COOLING CAPACITY (BTU/HR)	SST °F	ELECTRICAL DATA					EER/SEER	OPERATING WEIGHT (LBS.)	TYPICAL UNIT MFG & MODEL NO.	REMARKS
							FAN	COMPRESSOR		VOLT/Ø	MCA				
							NO.	QTY	RLA						
CU-1	ROOF	UV-12	4	R-410A	45,500	32	1	1	19.9	208/1	26.2	11.7/14	220	DAIKIN DX14SA0481	1,2
CU-2	ROOF	UV-13	4	R-410A	45,500	32	1	1	19.9	208/1	26.2	11.7/14	220	DAIKIN DX14SA0481	1,2
CU-3	ROOF	UV-14	4	R-410A	45,500	32	1	1	19.9	208/1	26.2	11.7/14	220	DAIKIN DX14SA0481	1,2
CU-4	ROOF	UV-15	4	R-410A	45,500	32	1	1	19.9	208/1	26.2	11.7/14	220	DAIKIN DX14SA0481	1,2
CU-5	ROOF	UV-1	5	R-410A	57,000	32	1	1	25	208/1	32.6	11.7/14	255	DAIKIN DX14SA0601	1,2,3
CU-6	ROOF	UV-2	5	R-410A	57,000	32	1	1	25	208/1	32.6	11.7/14	255	DAIKIN DX14SA0601	1,2,3
CU-7	ROOF	UV-3	4	R-410A	45,500	32	1	1	19.9	208/1	26.2	11.7/14	220	DAIKIN DX14SA0481	1,2,3
CU-8	ROOF	UV-4	5	R-410A	57,000	32	1	1	25	208/1	32.6	11.7/14	255	DAIKIN DX14SA0601	1,2,3
CU-9	ROOF	UV-5	5	R-410A	57,000	32	1	1	25	208/1	32.6	11.7/14	255	DAIKIN DX14SA0601	1,2,3
CU-10	ROOF	UV-6	5	R-410A	57,000	32	1	1	25	208/1	32.6	11.7/14	255	DAIKIN DX14SA0601	1,2,3
CU-11	ROOF	UV-7	5	R-410A	57,000	32	1	1	25	208/1	32.6	11.7/14	255	DAIKIN DX14SA0601	1,2,3
CU-12	ROOF	UV-8	5	R-410A	57,000	32	1	1	25	208/1	32.6	11.7/14	255	DAIKIN DX14SA0601	1,2,3

REMARKS:
1.ENERGY EFFICIENT SCROLL COMPRESSOR
2. PROVIDE FACTORY MOUNTED AND WIRED DISCONNECT
3.ALTERNATE MC-02

REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	REMARKS
R1	RETURN/EA	STEEL	LAY-IN	WHITE	PRICE 500	1

REMARKS: 1.PROVIDE WITH 24"X24" CEILING MODULE FRAME LAY IN STYLE.

FAN COIL UNIT SCHEDULE

MARK	TYPE	LOCATION	MAX CFM	HEATING					ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
				MBH	EWT (°F)	WATER ΔT	GPM	WPD (FT WC)	WATTS	VOLTS	PHASE		
FC-1	VERTICAL CABINET	KILN ROOM 14A	710	51.262	180	30	3.5	3.2	171.6	115	1	IEC FXY08	1, 2

REMARKS:
1. FACTORY MOUNTED AND WIRED DISCONNECT.
2. COLOR TO BE SELECTED BY ARCHITECT BASED ON MANUFACTURER'S STANDARD COLORS.

FAN SCHEDULE

MARK	LOCATION	SERVICE	TYPE	CFM	SP IN W.G.	RPM	ELECTRICAL DATA				TYPICAL UNIT MFG & MODEL NO.	REMARKS:
							HP	VOLTS	PHASE	FLA		
EF-1	ROOF	12,36,36A,40	DOWNBLAST	2020	0.37	694	1/3	115	1	7.2	GREENHECK GB-180	1,2
EF-2	ROOF	14	DOWNBLAST	900	0.21	673	1/4	115	1	3.8	GREENHECK G-140-VG	1,2
EF-3	ROOF	1,2,3,4,5,6	DOWNBLAST	1150	0.58	1162	1/4	115	1	5.8	GREENHECK GB-130	1,2

REMARKS:
1. FACTORY MOUNTED AND WIRED DISCONNECT.
2. PROVIDE BACKDRAFT DAMPER

BOILER SCHEDULE - HOT WATER

MARK	FUEL	INPUT MBH	OUTPUT MBH	GAS TURNDOWN	MAX GAS PRESSURE	ELECTRICAL DATA		FLUE SIZE	THERMAL EFFICIENCY	OPERATING WT. LBS.	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
						FLA	VOLTS/Ø					
B-1	NATURAL GAS	2,000	1,860	20:1	14" W.C.	16	120/1	8	94.60%	1500	AERCO BMK 2000	1,2,3
B-2	NATURAL GAS	2,000	1,860	20:1	14" W.C.	16	120/1	8	94.60%	1500	AERCO BMK 2000	1,2,3
B-3	NATURAL GAS	2,000	1,860	20:1	14" W.C.	16	120/1	8	94.60%	1500	AERCO BMK 2000	1,2,3

REMARKS:
1. PROVIDE WITH FACTORY BOILER MANAGEMENT SYSTEM, BMS II, AND BACNET CONTROLLER.
2. PROVIDE WITH AL29-4C STAINLESS STEEL VENTING PER UL1738.
3. PROVIDE WITH CONDENSATE NEUTRALIZATION KIT.

FIN TUBE SCHEDULE

MARK	BTU/FT.	GPM	TUBE SIZE (IN.)	FINS / FT.	EWT (°F)	LWT (°F)	EAT (°F)	ENCLOSURE			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
								H (IN.)	D (IN.)	STYLE		
FT-A	580	0.5	3/4	32	180	150	65	-	-	-	STERLING GSBF	
FT-B	930	0.5	3/4	32	180	150	65	14	5-5/16	SLOPED	STERLING JVB-ARS	

REMARKS:
1. CONTROL VALVES ABOVE THE CEILING.
2. COLOR BY ARCHITECT.
3. ELEMENT LENGTH LISTED ON PLANS. CAT - 66289C RETURN
4. COORDINATE HEIGHT WITH ELECTRICAL DEVICES.

PUMP SCHEDULE

MARK	LOCATION	SERVICE	GPM	HD (FT.)	ELECTRICAL DATA			TYPE	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
					HP	VOLTS	PH			
P-1	BOILER ROOM	LOOP PUMP	210	85	10	230	3	CENTRIFUGAL BASE MOUNTED	BELL AND GOSSETT 2.5BB SERIES E-1510	1,2
P-2	BOILER ROOM	LOOP PUMP	210	85	10	230	3	CENTRIFUGAL BASE MOUNTED	BELL AND GOSSETT 2.5BB SERIES E-1510	1,2
P-3	BOILER ROOM	BOILER CIRCULATOR PUMP	210	15	2	208	3	INLINE	BELL AND GOSSETT ECOCIRC XL 27-320	1,2
P-4	BOILER ROOM	BOILER CIRCULATOR PUMP	210	15	2	208	3	INLINE	BELL AND GOSSETT ECOCIRC XL 27-320	1,2
P-5	BOILER ROOM	BOILER CIRCULATOR PUMP	210	15	2	208	3	INLINE	BELL AND GOSSETT ECOCIRC XL 27-320	1,2

REMARKS:
1. PROVIDE FACTORY MOUNTED DISCONNECT
2. PROVIDE VFD

EXPANSION TANK SCHEDULE

MARK	LOCATION	SERVED	ACCEPT. GAL.	DIA (IN.)	HEIGHT (IN.)	WEIGHT FULL (LBS.)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
ET-1	BOILER ROOM	HOT WATER SYSTEM	132	24	78	1417	BELL AND GOSSETT B-500	1,2
ET-2	BOILER ROOM	HOT WATER SYSTEM	132	24	78	1417	BELL AND GOSSETT B-500	1,2

REMARKS:
1. REMOVABLE BLADDER TYPE
2. CHARGE TO 12PSI.

AIR SEPARATOR SCHEDULE

MARK	LOCATION	SERVED	GPM	DIA. (IN)	LNG. (IN)	STRAINER SQ. IN. FA	TYPICAL UNIT MFG & MODEL NO.
AS-1	BOILER ROOM	HOT WATER SYSTEM	225	16	31.44	140	BELL AND GOSSETT R-4F

REMARKS:

CONVECTOR SCHEDULE

MARK	SERVICE	MBH	LENGTH	HEIGHT	DEPTH	GPM	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
CV-1	1C	2.7	28	24	4	0.5	SIGMA CFRB	1
CV-2	2B	2.7	28	24	4	0.5	SIGMA CFRB	1
CV-4	108	5	48	24	4	0.5	SIGMA CFRB	1
CV-5	109	5	48	24	4	0.5	SIGMA CFRB	1
CV-6	118	6.7	56	32	4	0.5	SIGMA CFRB	1
CV-7	118	6.7	56	32	4	0.5	SIGMA CFRB	1
CV-8	122	9.7	56	32	6	0.65	SIGMA CFRB	1
CV-9	129	9.8	64	24	6	0.65	SIGMA CFRB	1
CV-10	129	9.8	64	24	6	0.65	SIGMA CFRB	1
CV-11	132	9.8	64	24	6	0.65	SIGMA CFRB	1
CV-12	133	6.7	56	32	4	0.5	SIGMA CFRB	1
CV-13	133	6.7	56	32	4	0.5	SIGMA CFRB	1
CV-14	134	7.7	64	32	4	0.51	SIGMA CFRB	1
CV-15	134	7.7	64	32	4	0.51	SIGMA CFRB	1
CV-16	136A	2.7	34	28	4	0.5	SIGMA CFRB	1
CV-17	136A	2.7	34	28	4	0.5	SIGMA CFRB	1

REMARKS: 1.COLOR TO BE SELECTED BY ARCHITECT BASED ON MANUFACTURER'S STANDARD COLORS.

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

PROJECT INFORMATION

Project Number
13296.23

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
BID #30-04-01-06-0-005-021

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	6/30/2023	BID ADDENDUM 1

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION LAW STATEMENT
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY. IF ANY ITEM IS ALTERED, THE ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued
06/15/2023

Scale
NOT TO SCALE

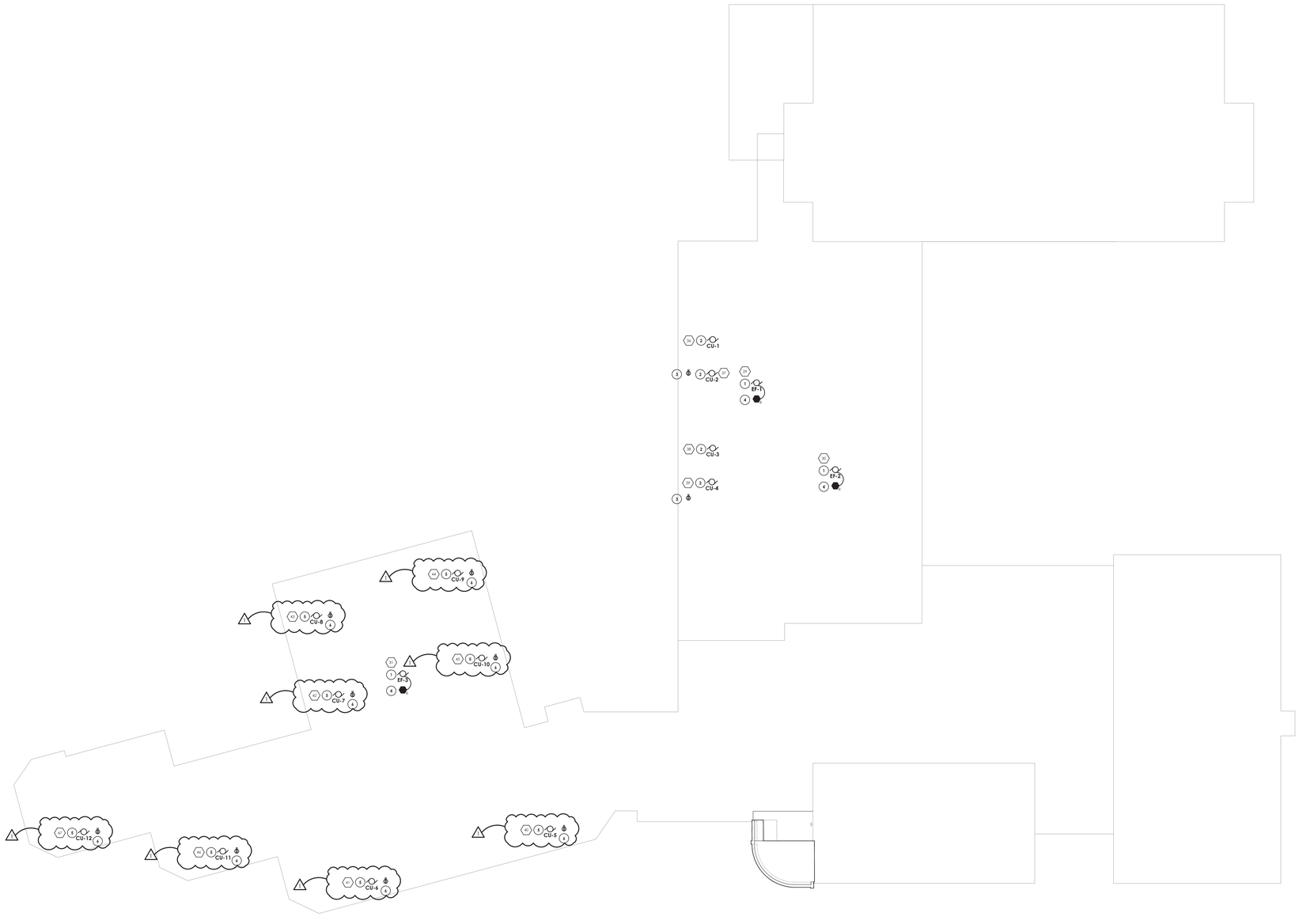
Project Status
CD

Drawn By
XXX

Checked By
XXX

Drawing Title
HVAC SCHEDULES

Drawing Number
RPC
H900



1 E202 **ROOF PLAN ELECTRICAL NEW WORK**
SCALE: 1/16" = 1'-0"

GENERAL NOTES:

A. EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM EXACT LOCATIONS OF EQUIPMENT WITH OWNER PRIOR TO INSTALLATION.

B. REFER TO ELECTRICAL EQUIPMENT SCHEDULE ON SHEET RPC/E900 FOR EQUIPMENT TAG ((x)) CIRCUITING INFORMATION.

C. (E) - EXISTING TO REMAIN. ANY DEVICE, EQUIPMENT, ETC. LABELED AS "(E)" IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

D. (RL) - RELOCATED. ANY DEVICE, EQUIPMENT, ETC. LABELED AS "(RL)" IS RELOCATED EXISTING. DEVICE/EQUIPMENT SHALL BE REINSTALLED AT LOCATION INDICATED. REWORK/EXTEND CABLING AND CONDUIT TO NEW LOCATION AS REQUIRED.

E. DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR AND WIRED BY THE ELECTRICAL CONTRACTOR.

F. ALL NEW FAN SHUTDOWN RELAYS SHALL BE PROGRAMMED TO DE-ENERGIZE ASSOCIATED HVAC UNIT FAN UPON ACTIVATION OF FIRE ALARM SYSTEM.

G. ALL SYSTEMS CABLING SHALL BE RUN IN FREE-ARE AND SUPPORTED ABOVE CEILINGS VIA J-HOOKS. J-HOOKS NOT TO EXCEED 5'-0" SPACING.

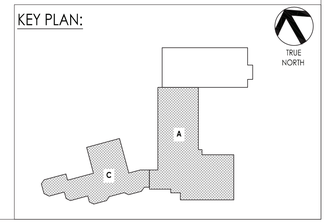
H. PROVIDE FAN SHUTDOWN RELAYS AT HVAC EQUIPMENT CONTROLS. INTERCONNECT RELAYS TO BUILDING FIRE ALARM SYSTEM TO SHUTDOWN FAN MOTORS WHEN THE FIRE ALARM IS ACTIVATED.

I. PROVIDE #10 THNN FOR ALL CIRCUITS OVER 75'.

KEY NOTES:

1. PROVIDE POWER TO NEW EXHAUST FAN. NEW CIRCUIT BREAKER SHALL BE UL LISTED AND MATCH EXISTING PANELBOARD A.I.C. RATING.
2. PROVIDE POWER TO NEW ROOF TOP CONDENSING UNIT. NEW CIRCUIT BREAKER SHALL BE UL LISTED AND MATCH EXISTING PANELBOARD A.I.C. RATING.
3. PROVIDE GFI, WEATHERPROOF RECEPTACLE WITH IN-USE COVER. RECEPTACLE SHALL BE SUPPORTED ON SEPARATE UNISTRUT MOUNT ADJACENT TO MECHANICAL UNIT. PROVIDE (2) #12, #12 GND IN 3/4" CONDUIT TO EXISTING PANEL LPSE. PROVIDE NEW 20A/1P BREAKER IN EXISTING PANEL. BREAKER SHALL MATCH EXISTING PANEL AIC RATING.
4. PROVIDE FAN SHUTDOWN RELAYS AT HVAC EQUIPMENT CONTROLS. INTERCONNECT RELAYS TO BUILDING FIRE ALARM SYSTEM TO SHUTDOWN FAN MOTORS WHEN THE FIRE ALARM IS ACTIVATED. WIRE BACK TO EXISTING FACP LOCATED IN FIRST FLOOR SWITCHGEAR ROOM 131.
5. **ALTERNATE EC-01**: PROVIDE POWER TO NEW ROOF TOP CONDENSING UNIT. NEW CIRCUIT BREAKER SHALL BE UL LISTED AND MATCH EXISTING PANELBOARD A.I.C. RATING.
6. **ALTERNATE EC-01**: PROVIDE GFI, WEATHERPROOF RECEPTACLE WITH IN-USE COVER. RECEPTACLE SHALL BE SUPPORTED ON SEPARATE UNISTRUT MOUNT ADJACENT TO MECHANICAL UNIT. PROVIDE (2) #12, #12 GND IN 3/4" CONDUIT TO EXISTING PANEL LPSE. PROVIDE NEW 20A/1P BREAKER IN EXISTING PANEL. BREAKER SHALL MATCH EXISTING PANEL AIC RATING

KEY PLAN:



TRUE NORTH

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

PROJECT INFORMATION

Project Number
13296.23

Client Name
SUFFERN CSD

Project Name
RP CONNOR - BOILER CONVERSION

Project Address
HELLBURN

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	6/30/2023	BID ADDENDUM 1

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
06/15/2023	AS SHOWN
Project Status	
CD	
Drawn By	Checked By
AL	JAS

Drawing Title
ROOF PLAN ELECTRICAL NEW WORK

Drawing Number: RPC E202
Revision Number:

Sheet size: 30x42
Drawing Name: S:\Projects\suffern csd\zp connor heating conv\2 Design\06 CAD\AutoCAD\ELEC\E2\RP-E202.dwg | Date last accessed: 6/15/2023 2:21 PM | Date last plotted: 6/15/2023 2:23 PM | Plotted By: Andre Loves

ELECTRICAL EQUIPMENT SCHEDULE

ITEM NUMBER	EQUIPMENT	ROOM NO.	HP/FLA	VOLTS	PAHSE	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 VENTTILATOR UV-9	12 MUSIC	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1,2
10	UNIT VENTTILATOR UV-10	14 SCIENCE	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1,2
11	UNIT VENTTILATOR 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 VENTTILATOR UV-17	19 CAFETERIA	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1,2
18	UNIT VENTTILATOR UV-18	19 CAFETERIA	1/3HP	120	1	6.3	-	EXISTING	EXISTING	1,2
19	UNIT VENTTILATOR 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:
	1. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE MOUNTING, AND LINE/LOAD SIDE CONNECTIONS OF DISCONNECT AND/OR STARTER DEVICE ASSOCIATED WITH UNIT. MEANS OF DISCONECT AND/OR STARTER ASSOCIATED WITH UNIT PROVIDED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL FINAL CONNECTIONS TO EQUIPMENT.
	2. PROVIDE FIRE ALARM FAN SHUTDOWN.
	3. 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.
	4. PUMPS TO BE WIRED THRU VFD UTILIZING WIRING NOTED.

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

PROJECT INFORMATION

Project Number
13296.23

Client Name
SUFFERN CSD

Project Name
RP CONNOR - BOILER CONVERSION

District Office Address
HILLBURN

SUFFERN CSD

- [ ] STD #SO-04-01-06-0-003-021

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	6/20/2023	BID ADDENDUM 1

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued
06/15/2023

Scale
NOT TO SCALE

Project Status
CD

Drawn By
AL

Checked By
JAS

Drawing Title
ELECTRICAL SCHEDULES

Drawing Number
RPC
E900