

HVAC SYMBOLS LIST											
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER		CONNECTION - TOP		DOUBLE WALL LINED DUCT		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ELECTRIC/PNEUMATIC SWITCH OR RELAY		
ACC	AIR-COOLED CONDENSING UNIT		CONNECTION - BOTTOM		DUCT SECTION - SUPPLY		DUCT SECTION - RETURN/EXHAUST		PNEUMATIC/ELECTRIC SWITCH OR RELAY		
AD	ACCESS DOOR		DIRECTION OF FLOW		DUCT SECTION - RETURN/EXHAUST		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		CURRENT TRANSDUCER		
AFF	ABOVE FINISHED FLOOR		REDUCER		DUCT SECTION - ROUND DUCT IN INCHES		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		OPEN/CLOSED		
AHU	AIR HANDLING UNIT		CAP OR PLUG		DUCT SECTION - FLAT OVAL DUCT IN INCHES		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		START/STOP		
BBD	BOILER BLOW DOWN		ELBOW DOWN		ACOUSTIC THERMAL LINING		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ENABLE/DISABLE		
BD	BACKDRAFT DAMPER		ELBOW UP		FLEXIBLE DUCTWORK		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)		
CA	COMPRESSED AIR		TEE OUTLET - UP		FLEXIBLE CONNECTION		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		HUMIDITY SENSOR (DUCT MOUNTED)		
CD	COOLING COIL CONDENSATE DRAIN		TEE OUTLET - DOWN		FIRE DAMPER		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		FLOW TRANSMITTER		
CFM	CUBIC FEET PER MINUTE		UNION		SMOKE DAMPER		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		PRESSURE TRANSMITTER		
CHWR	CHILLED WATER RETURN		GATE VALVE		COMBINATION FIRE AND SMOKE DAMPER		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		DIFFERENTIAL PRESSURE TRANSMITTER		
CHWS	CHILLED WATER SUPPLY		BALL VALVE		VOLUME DAMPER		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ELECTRIC/PNEUMATIC TRANSDUCER		
CR	CONDENSER WATER RETURN		BALANCING VALVE		DAMPER CONTROL, PARALLEL BLADE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ELECTRIC/ELECTRONIC TRANSDUCER		
CS	CONDENSER WATER SUPPLY		STRAINER		DAMPER CONTROL, OPPOSED BLADE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		DUCT SMOKE DETECTOR		
CW	DOMESTIC COLD WATER		STRAINER WITH BLOW-DOWN		AUTOMATIC AIR DAMPER		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		SPACE THERMOSTAT		
D	DRAIN		BUTTERFLY VALVE		BACK DRAFT DAMPER		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		SPACE TEMPERATURE SENSOR		
(E)	EXISTING		BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY		BLAST GATE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		SPACE CARBON DIOXIDE SENSOR		
EA	EXHAUST AIR		BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR		LOUVERED DOOR W/ SQ. FT. OF FREE AREA		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		SPACE NATURAL GAS SENSOR		
EC	ELECTRICAL CONTRACTOR		GLOBE VALVE		AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		SPACE CARBON MONOXIDE SENSOR		
EF	EXHAUST FAN		CHECK VALVE		MULTI-BLADE AIR EXTRACTOR		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		SPACE SENSOR WITH GUARD		
ERHC	ELECTRIC REHEAT COIL		TRIPLE DUTY VALVE		TURNING VANES		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		SPACE HUMIDISTAT		
ETR	EXISTING TO REMAIN		GAS COCK, PLUG VALVE		EXISTING WORK TO BE REMOVED (HATCHED)		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		WATER FLOW SENSOR		
EUH	ELECTRIC UNIT HEATER		UNDERCUT DOOR 1"		POINT OF CONNECTION		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		PNEUMATIC ACTUATOR		
F&T	FLOAT AND THERMOSTATIC TRAP		LOUVERED DOOR W/ SQ. FT. OF FREE AREA		POINT OF DISCONNECTION		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ELECTRIC ACTUATOR		
FCU	FAN-COIL UNIT		AIR VENT - MANUAL		AIR FLOW SENSOR		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		VARIABLE SPEED / FREQUENCY DRIVE		
FPM	FEET PER MINUTE		AIR VENT - AUTOMATIC		FILTER		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		COOLING COIL		
FT	FIN-TUBE		FLANGE		TRANSITION SQUARE TO ROUND		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		HEATING COIL		
GC	GENERAL CONTRACTOR		CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY		HUMIDIFIER DISPERSION TUBE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		GAS FURNACE		
GR	GLYCOL RETURN		CONTROL VALVE, ELECTRIC 3-WAY		RISE IN DUCT		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		HUMIDIFIER		
GS	GLYCOL SUPPLY		CONTROL VALVE, PNEUMATIC 2-WAY		DROP IN DUCT		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ALARM		
HC	HVAC CONTRACTOR		CONTROL VALVE, PNEUMATIC 3-WAY		SQUARE CEILING DIFFUSER (4 WAY)		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		STATUS		
HHWR	HEATING HOT WATER RETURN		RELIEF / SAFETY VALVE		ROUND CEILING DIFFUSER		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		FLOW SWITCH		
HIWS	HEATING HOT WATER SUPPLY		PRESSURE REDUCING VALVE		SQUARE OR RECTANGULAR CEILING GRILLE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		DIFFERENTIAL STATIC PRESSURE SWITCH		
HP	HEAT PUMP		VACUUM BREAKER		SUPPLY REGISTER, RETURN OR EXHAUST GRILLE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		RELAY		
HPC	HIGH PRESSURE CONDENSATE		FLEXIBLE PIPE CONNECTOR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		PRESSURE GAUGE		
HPS	HIGH PRESSURE STEAM		EXPANSION COMPENSATOR W/ GUIDES		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		FREEZE-STAT		
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION		EXPANSION JOINT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)		
LPG	LOW PRESSURE CONDENSATE		PIPE ANCHOR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		
LP	LIQUEFIED PROPANE GAS		PIPE GUIDE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		
LPS	LOW PRESSURE STEAM		PIPE TRAP		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)		
MBH	1,000 BTU/HR		THERMOSTATIC TRAP		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ELECTRICAL INTERFACE		
MC	MECHANICAL CONTRACTOR		FLOAT & THERMOSTATIC TRAP		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		SPEED FEED BACK		
MPC	MEDIUM PRESSURE CONDENSATE		BUCKET TRAP		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		END SWITCH		
MPS	MEDIUM PRESSURE STEAM		THERMODYNAMIC TRAP		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		POSITION FEEDBACK		
MRD	MONOFLO FITTING DOWN - HHWR		THERMOMETER		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		TRAVERSE AVERAGING SENSOR		
MSD	MONOFLO FITTING DOWN - HIWS		WELL		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		PROBE SENSOR		
MUW	MAKE-UP WATER		PRESSURE GAUGE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		FREEZE STAT SENSOR		
NC	NORMALLY CLOSED		STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
NG	NATURAL GAS		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
NO	NORMALLY OPEN		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
NTS	NOT TO SCALE		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
OA	OUTSIDE AIR		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
PC	PLUMBING CONTRACTOR		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
PD	PUMP DISCHARGE		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
PHWR	PRIMARY HEATING HOT WATER RETURN		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
PHWS	PRIMARY HEATING HOT WATER SUPPLY		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
RA	RETURN AIR		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
RD	REFRIGERANT DISCHARGE		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
RHC	HOT WATER REHEAT COIL		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
RL	REFRIGERANT LIQUID PIPE		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
RSL	REFRIGERANT SUCTION PIPE		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS				
RTU	ROOFTOP UNIT		PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE						

1. COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR DEMOLITION.
2. COORDINATE DEMOLITION WORK WITH ALL OTHER TRADES.
3. CONTRACTOR SHALL RECORD TOTAL AIRFLOW FOR EQUIPMENT PRIOR TO DISCONNECT AND REMOVAL.
4. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS
5. UNLESS OTHERWISE DIRECTED, EXISTING BUILDING MANAGEMENT CONTROLS SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION.
6. MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.

- 1 REMOVE EXISTING CABINET UNIT HEATER. DISCONNECT ALL ASSOCIATED PIPING AND CONTROLS. REMOVE ALL BRANCH PIPING BACK TO MAINS AND CAP. COORDINATE WITH OTHER TRADES.
- 2 DISCONNECT EXHAUST AIR DUCT. PREPARE FOR NEW DUCTWORK CONNECTION.
- 3 REMOVE DUCTWORK FROM POINT INDICATED UP TO UNIT ON ROOF. PREPARE REMAINING DUCTWORK FOR RECONNECTION.
- 4 REMOVE REFRIGERANT PIPING FROM POINT INDICATED UP TO UNIT ON ROOF. INDOOR UNIT TO REMAIN. PRIOR TO REMOVAL, EVACUATE PIPING AND DISPOSE OF ALL REFRIGERANT PER THE LATEST ADAPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE AN EPA APPROVED AGENCY OR ORGANIZATION.
- 5 REMOVE DUCT RISER UP TO EXHAUST FAN ON ROOF.

Project Number
14428.20
Client Name

Project Name
2022-2023 CIP

PARK ELEMENTARY SED# 66-14-01-C3-0-004-024

No.	Date	Description
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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, ENGINEER OR LAND SURVEYOR, 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.

Issued	Scale
09/05/23	1/8" = 1'-0"
Project Status	
BID SET	
Drawn By	Checked By
CNH	JJM
Drawing Title	

FIRST FLOOR AREA 1 HVAC
DEMOLITION PLAN

Drawing Number
PES
H101.1



KEY PLAN:

The key plan shows a large, irregularly shaped building footprint. A small, rectangular area on the left side of the building is shaded with a cross-hatch pattern and labeled with the number '1'. This shaded area represents the proposed development. To the right of the shaded area is the main body of the existing building. A north arrow is located in the upper right corner, pointing towards the top right of the page, with the text 'TRUE NORTH' below it.

1. COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR DEMOLITION.
2. COORDINATE DEMOLITION WORK WITH ALL OTHER TRADES.
3. CONTRACTOR SHALL RECORD TOTAL AIRFLOW FOR EQUIPMENT PRIOR TO DISCONNECT AND REMOVAL.
4. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS
5. UNLESS OTHERWISE DIRECTED, EXISTING BUILDING MANAGEMENT CONTROLS SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION.
6. MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.

- 1 REMOVE EXISTING GRILLE/DIFFUSER. PREPARE DUCTWORK FOR NEW CONNECTION.
- 2 REMOVE DUCTWORK FROM POINT INDICATED UP TO UNIT ON ROOF. PREPARE REMAINING DUCTWORK FOR RECONNECTION.
- 3 REMOVE FIN TUBE RADIATION. REMOVE ASSOCIATED PIPING AND CONTROLS. PREPARE FOR NEW FIN TUBE CONNECTION.

Project Number
14428.20
Client Name

Project Name
2022-2023 CIP

PARK ELEMENTARY SED# 66-14-01-03-0-004-024

No.	Date	Description
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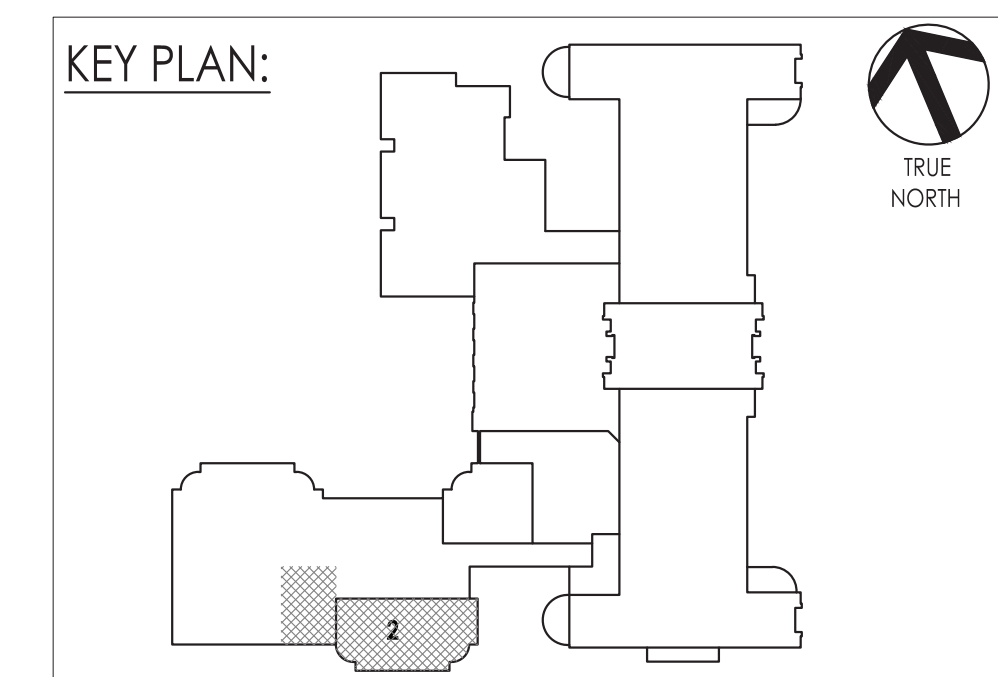
NEW YORK STATE EDUCATION STATEMENT

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Issued	Scale
09/05/23	1/8" = 1'-0"
Project Status	
BID SET	
Drawn By	Checked By
CNH	JJM
Drawing Title	

Drawing Number

PES
H101.2



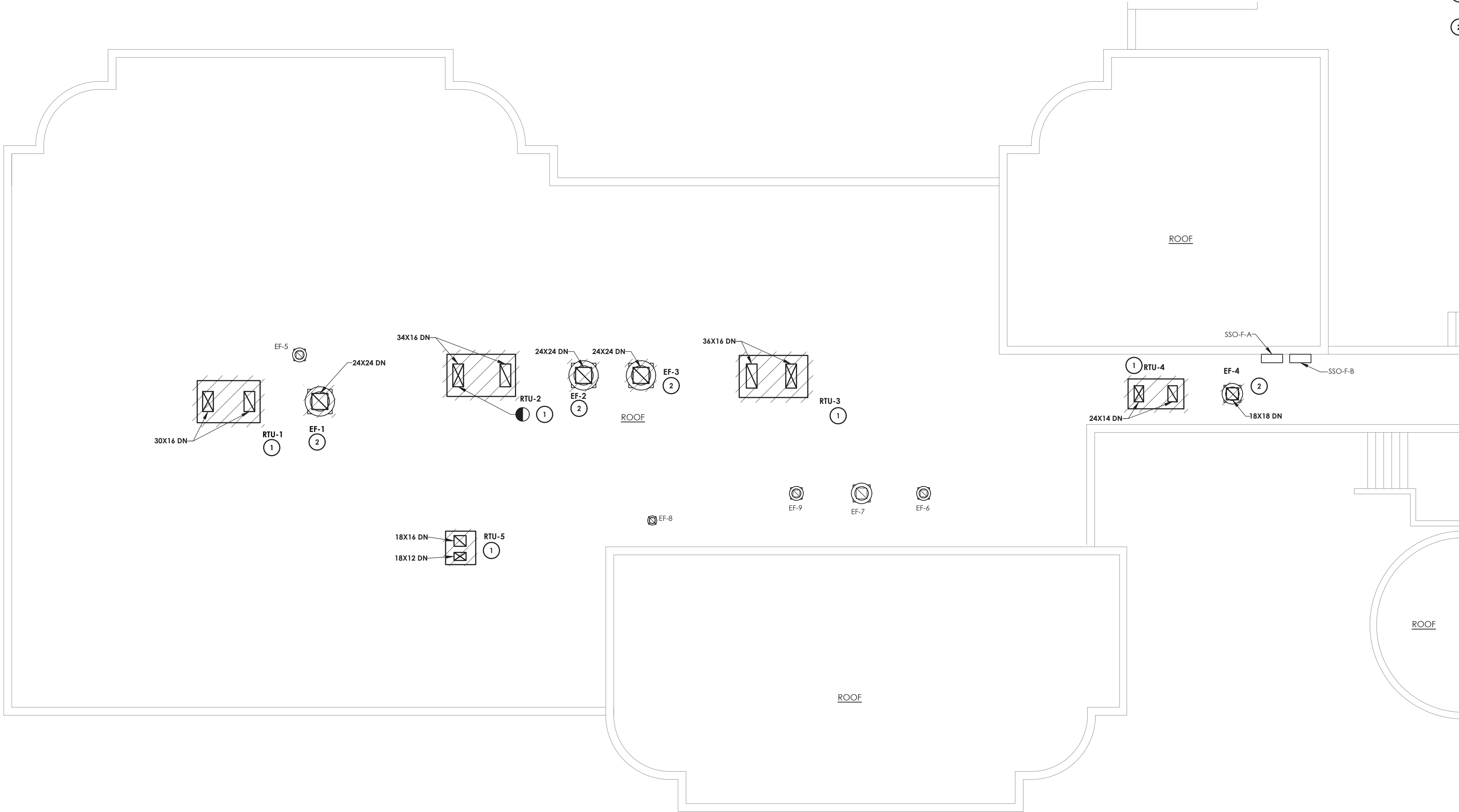
1 FIRST FLOOR AREA 2 HVAC DEMOLITION PLAN
H101.2 SCALE: 1/8" = 1'-0"



PES
H102



Sheet size: 24x36
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Date last accessed: 8/11/2023 8:11 AM
Date last plotted: 8/11/2023 11:56 AM
Plotted by: Cameron Howard



GENERAL DEMOLITION NOTES:

1. COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR DEMOLITION.
2. COORDINATE DEMOLITION WORK WITH ALL OTHER TRADES.
3. CONTRACTOR SHALL RECORD TOTAL AIRFLOW FOR EQUIPMENT PRIOR TO DISCONNECT AND REMOVAL.
4. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS
5. UNLESS OTHERWISE DIRECTED, EXISTING BUILDING MANAGEMENT CONTROLS SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION.
6. MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.
7. REFER TO SHEET S202 FOR MECHANICAL CONTRACTOR STRUCTURAL WORK.
8. REFER TO SHEET A205 FOR MECHANICAL CONTRACTOR ROOFING WORK.

KEY NOTES:

- 1 REMOVE EXISTING ROOF TOP UNIT AND CURB. DISCONNECT ALL DUCTWORK, PIPING, AND CONTROLS. PREPARE FOR NEW WORK.
- 2 REMOVE EXISTING EXHAUST FAN AND CURB. DISCONNECT ALL DUCTWORK AND CONTROLS. PREPARE FOR NEW WORK.



PROJECT INFORMATION

Project Number
14428.20
Client Name

OSSINING UNION FREE SCHOOL DISTRICT

Project Name
2022-2023 CIP

District Office Address
22 EDWARD ST. OSSINING, NY 10562

OSSINING

PARK ELEMENTARY SEDF 66-1401-030-004-024

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

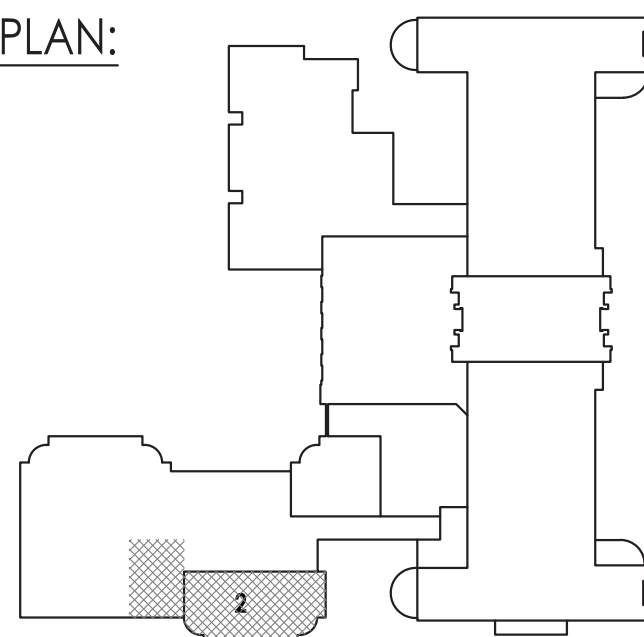
NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, am a duly licensed professional engineer in the State of New York, and I am the author of the design and construction of the project described herein. I am not aware of any fraud, error, or omission in the design or construction of the project described herein. I am not aware of any fraud, error, or omission in the design or construction of the project described herein. I am not aware of any fraud, error, or omission in the design or construction of the project described herein.

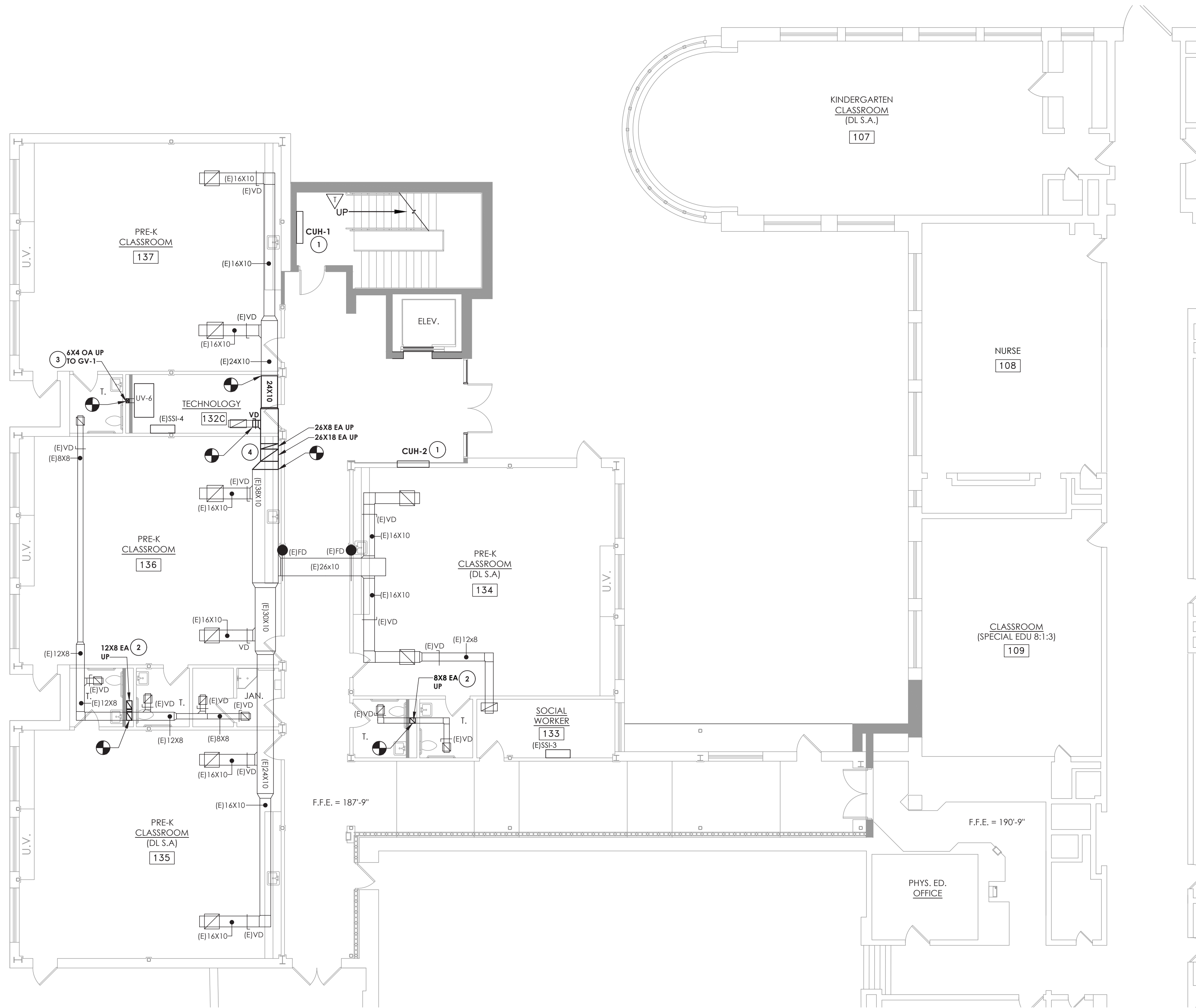
SHEET INFORMATION

Issued
09/05/23
Scale
1/8" = 1'-0"
Project Status
BID SET
Drawn By
CNH
Checked By
JJM
Drawing Title
ROOF AREA 2 HVAC DEMOLITION PLAN

Drawing Number
PES H103

KEY PLAN:





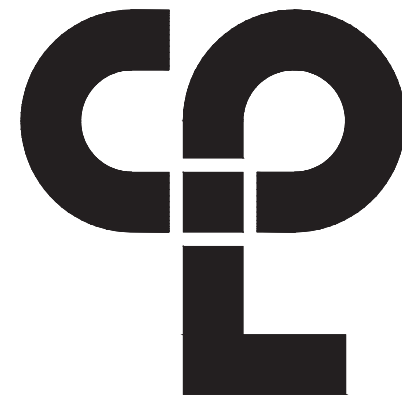
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H201.1
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR NEW WORK.
2. COORDINATE NEW WORK WITH ALL OTHER TRADES.
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
4. UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.
5. MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.

KEY NOTES:

- 1 PROVIDE CABINET UNIT HEATER.
- 2 ROUTE EXHAUST DUCTWORK UP CHASE TO SECOND FLOOR. COORDINATE WITH PLUMBING PIPING AND EQUIPMENT.
- 3 ROUTE OUTSIDE AIR DUCTWORK UP CHASE TO SECOND FLOOR. COORDINATE WITH PLUMBING PIPING AND EQUIPMENT.
- 4 ROUTE DUCTWORK UP TO SECOND FLOOR. PROVIDE TRANSITION TO 26"X26" DUCT. PROVIDE FIRE DAMPER IN FLOOR.



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CPLteam.com

PROJECT INFORMATION

Project Number
1428.20
Client Name

OSSINING UNION FREE SCHOOL DISTRICT
Project Name
2022-2023 CIP

District Office Address
22 EDWARD ST. OSSINING, NY 10562

OSSINING

PARK ELEVATORY SEDF 66-1401-03-05-004-024

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, A VENDOR OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS REGULATION FOR ANY PERSON, UNDER THE SUPERVISION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO SUBMIT FOR ANY AND ALL NEW, BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, THE ALTERNATIVE PART SHALL APPLY TO THE FINAL DESIGN AND THE REVISIONS, AS REQUIRED BY THE ALTERNATIVE, AND THE DATE OF SUCH ALTERNATION, AND A SPECIFIC DESCRIPTION OF THE ALTERNATION.

SHEET INFORMATION

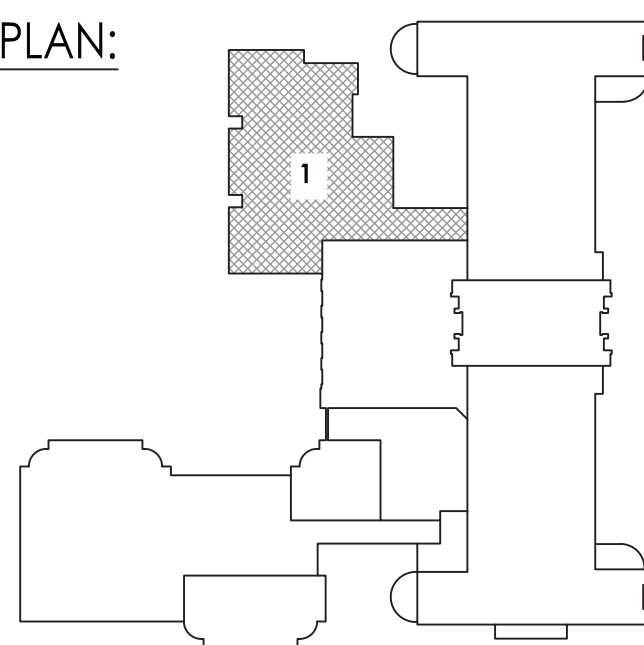
Issued
09/05/23
Project Status
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Drawn By
CNH
Checked By
JJM
Drawing Title

FIRST FLOOR AREA 1 HVAC
DUCTWORK NEW WORK PLAN

Drawing Number

PES
H201.1

KEY PLAN:



PROJECT INFORMATION

Project Number
14428.20
Client Name

OSSINING UNION FREE SCHOOL DISTRICT
Project Name
2022-2023 CIP

District Office Address
22 EDWARD ST, OSSINING, NY 10562

OSSINING

PARK ELEMENTARY SED# 66-14-01-CG-0-C04-C2#

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
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PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

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CNH	JJM

FIRST FLOOR AREA 2 HVAC DUCTWORK NEW WORK PLAN

Drawing Number

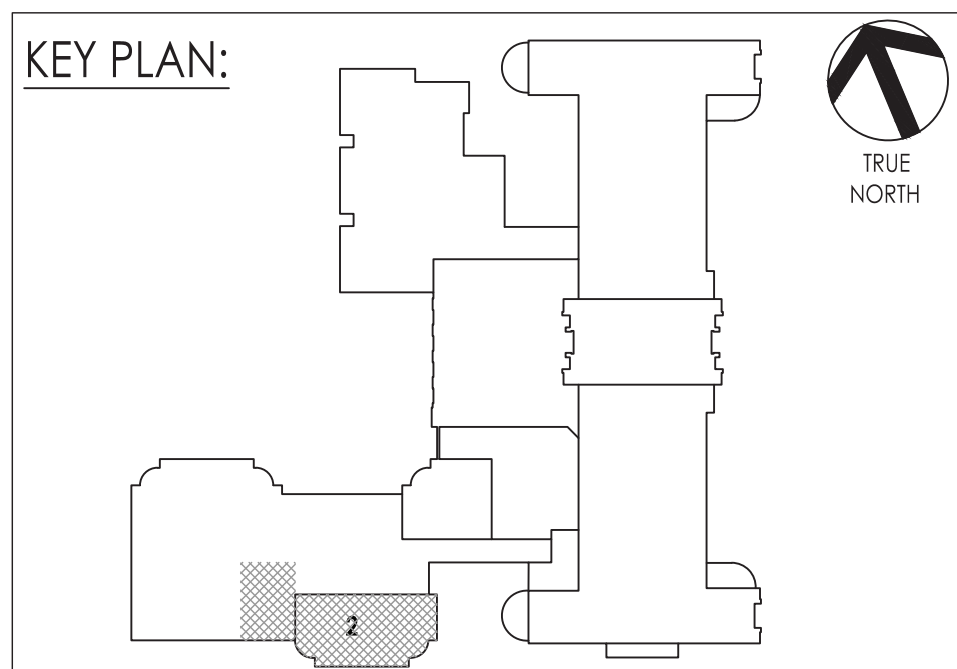
PES
H201.2

GENERAL NOTES:

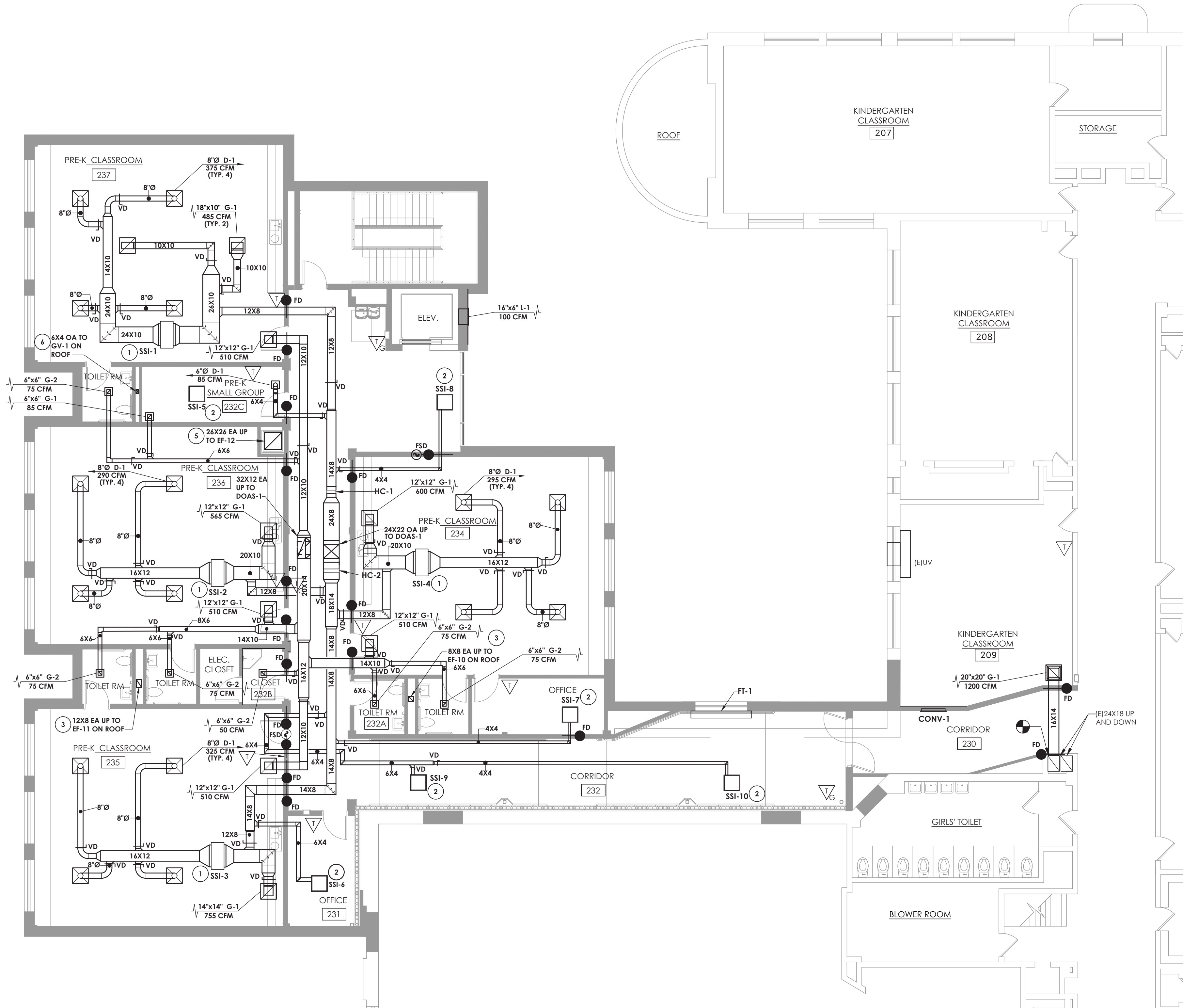
1. COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR NEW WORK.
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5. MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.

KEY NOTES:

- 1 PROVIDE NEW DIFFUSER/GRILLE. BALANCE TO SPECIFIED CFM.
- 2 CONNECT NEW ROOFTOP UNIT DUCT DROPS TO POINTS INDICATED. PROVIDE ALL REQUIRED DUCT SUPPORTS, HANGERS, AND MISCELLANEOUS ACCESSORIES.
- 3 PROVIDE NEW FIN TUBE RADIATION. PROVIDE ASSOCIATED PIPING AND CONTROLS. CONFIRM CABINET STYLE AND COLOR WITH ARCHITECT.



1 FIRST FLOOR AREA 2 HVAC NEW WORK PLAN
H201.2 SCALE: 1/8" = 1'-0"



1 SECOND FLOOR AREA 1 HVAC DUCTWORK NEW WORK PLAN
H202 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR NEW WORK.
- COORDINATE NEW WORK WITH ALL OTHER TRADES.
- COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
- UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.
- MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.

KEY NOTES:

- PROVIDE NEW DUCTED VRF AIR HANDLING UNIT WITH ASSOCIATED DUCTWORK AND ACCESSORIES. COORDINATE UNIT INSTALLATION WITH NEW STRUCTURE AND UTILITIES ABOVE THE CEILING. UNIT LOCATION AND ORIENTATION SHALL MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES INCLUDING FILTER ACCESS.
- PROVIDE NEW CASSETTE STYLE VRF FAN COIL UNIT WITH ASSOCIATED ACCESSORIES. COORDINATE UNIT INSTALLATION WITH NEW STRUCTURE AND UTILITIES ABOVE THE CEILING. UNIT LOCATION AND ORIENTATION SHALL MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES.
- ROUTE DUCTWORK UP FROM CHASE TO RELOCATED EXHAUST FAN ON ROOF. COORDINATE WITH PLUMBING PIPING AND EQUIPMENT. PROVIDE FIRE DAMPER AND ACCESS DOOR AT SECOND FLOOR.
- MOUNT EXHAUST FAN AS HIGH AS POSSIBLE.
- TRANSITION TO 26"X26" DUCT IN CHASE. ROUTE UP TO EF-12 ON ROOF. PROVIDE FIRE DAMPER AND ACCESS DOOR AT SECOND FLOOR.
- ROUTE DUCTWORK UP FROM CHASE TO NEW GV-1 ON ROOF. COORDINATE WITH PLUMBING PIPING AND EQUIPMENT. PROVIDE FIRE DAMPER AND ACCESS DOOR AT SECOND FLOOR.

PROJECT INFORMATION

Project Number
14428.20

Client Name

OSSINING UNION FREE SCHOOL DISTRICT

Project Name

2022-2023 CIP

District Office Address

22 EDWARD ST. OSSINING, NY 10562

OSSINING

█ PARK ELEMENTARY SEDH 66-1401-030-004-024

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

I, A VALIDATOR OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS REGULATION FOR ANY PERSON, UNDER ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO SIGN OR PRINT MY NAME, IF ANY, BEYOND BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED. THE ALTERING PARTY SHALL APPEAR TO THE FILED THEREIN AND THE EDUCATION ACTED BY FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

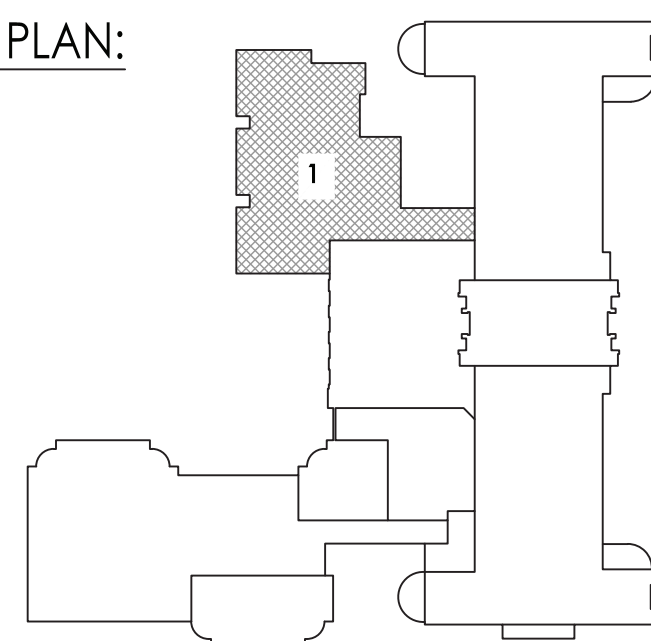
Issued 09/05/23 Scale 1/8" = 1'-0"
Project Status
BID SET
Drawn By CNH Checked By JJM
Drawing Title

SECOND FLOOR AREA 1 HVAC DUCTWORK NEW WORK PLAN

Drawing Number

**PES
H202**

KEY PLAN:





1
H203.1

ROOF AREA 1 HVAC NEW WORK PLAN

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

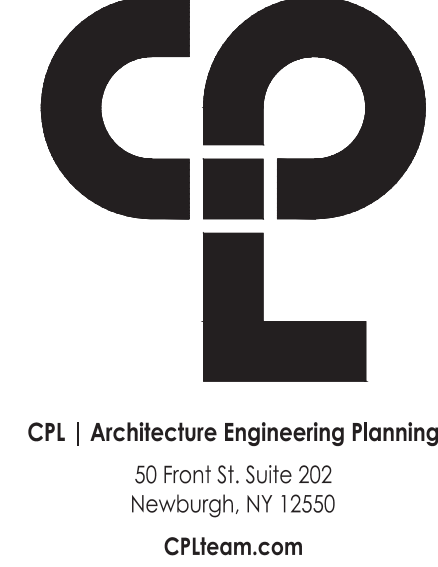
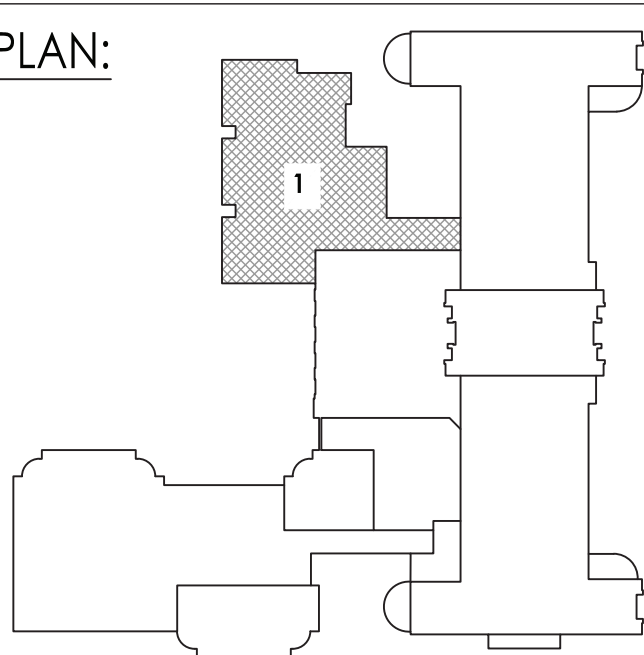
GENERAL NOTES:

- COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR NEW WORK.
- COORDINATE NEW WORK WITH ALL OTHER TRADES.
- COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
- UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.
- MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.

KEY NOTES:

- PROVIDE NEW DOAS UNIT AND CURB. CONTRACTOR SHALL PROVIDE AND INSTALL ROOFTOP UNIT ACCORDING TO CONTRACT DOCUMENTS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFER TO DETAILS AND SCHEMATICS. COORDINATE AND INTEGRATE WITH BMS CONTROLS. CONTRACTOR SHALL EXECUTE AND DOCUMENT ALL MANUFACTURER'S SUGGESTED START UP AND TESTING. CONNECT DUCTWORK, PIPING AND CONTROLS AND PREPARE FOR COMMISSIONING.
- REINSTALL EXISTING CONDENSING UNIT. RECONNECT TO EXISTING UNIT CONTROLS AND MAINTAIN EXISTING SEQUENCE OF OPERATION. PROVIDE ROOF SUPPORTS. PROVIDE REFRIGERANT LINES AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATIONS. REFRIGERANT PIPING INDICATED ON DRAWING IS SHOWN TO INDICATE SUGGESTED PATH AND MAY NOT REPRESENT ACTUAL PIPING CONFIGURATION. SIZING AND CIRCUITING IS THE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE PIPE CHASE FOR REFRIGERANT LINES. PROVIDE PIPE PORTAL. ALL PIPE RAILS AND ROOF CURB SHALL BE ANCHORED TO THE ROOF DECK AND FLASHED INTO THE ROOF MEMBRANE BY A QUALIFIED ROOFING CONTRACTOR. CURBS AND RAILS SHALL BE WIND RATED.
- REINSTALL EXISTING EXHAUST FAN. RECONNECT TO EXISTING UNIT CONTROLS AND MAINTAIN EXISTING SEQUENCE OF OPERATION. PROVIDE NEW ROOF CURB. ROOF CURB SHALL BE ANCHORED TO THE ROOF DECK AND FLASHED INTO THE ROOF MEMBRANE BY A QUALIFIED ROOFING CONTRACTOR. CURBS AND RAILS SHALL BE WIND RATED.
- PROVIDE NEW VRF SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO, CONDENSING UNIT(S), INDOOR FAN COIL UNITS, PIPING, CONTROLS, AND EQUIPMENT RAILS. SYSTEM SHALL BE DESIGNED BY MANUFACTURER'S APPROVED TECHNICIANS. REFRIGERANT PIPING INDICATED ON DRAWING IS SHOWN TO INDICATE SUGGESTED PATH AND MAY NOT REPRESENT ACTUAL PIPING CONFIGURATION. SIZING AND CIRCUITING IS THE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE PIPE CHASE FOR REFRIGERANT LINES. PROVIDE PIPE PORTAL. ALL PIPE RAILS AND ROOF CURB SHALL BE ANCHORED TO THE ROOF DECK AND FLASHED INTO THE ROOF MEMBRANE BY A QUALIFIED ROOFING CONTRACTOR. CURBS AND RAILS SHALL BE WIND RATED.
- REINSTALL EXISTING GRAVITY INTAKE VENTILATOR AND PROVIDE NEW ROOF CURB.

KEY PLAN:



PROJECT INFORMATION

Project Number
14428.20

Client Name

OSSINING UNION FREE SCHOOL DISTRICT

Project Name

2022-2023 CIP

District Office Address

22 EDWARD ST. OSSINING, NY 10562

OSSINING

PARK ELEMENTARY SEDP 66-1401-030-004-024

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, am a duly licensed professional engineer in the State of New York, and I am the author of the design and construction of the project described herein. I am not aware of any fraud, error, or omission in the design or construction of the project described herein. I am not aware of any fraud, error, or omission in the design or construction of the project described herein. I am not aware of any fraud, error, or omission in the design or construction of the project described herein.

SHEET INFORMATION

Issued
09/05/23

Scale
1/8" = 1'-0"

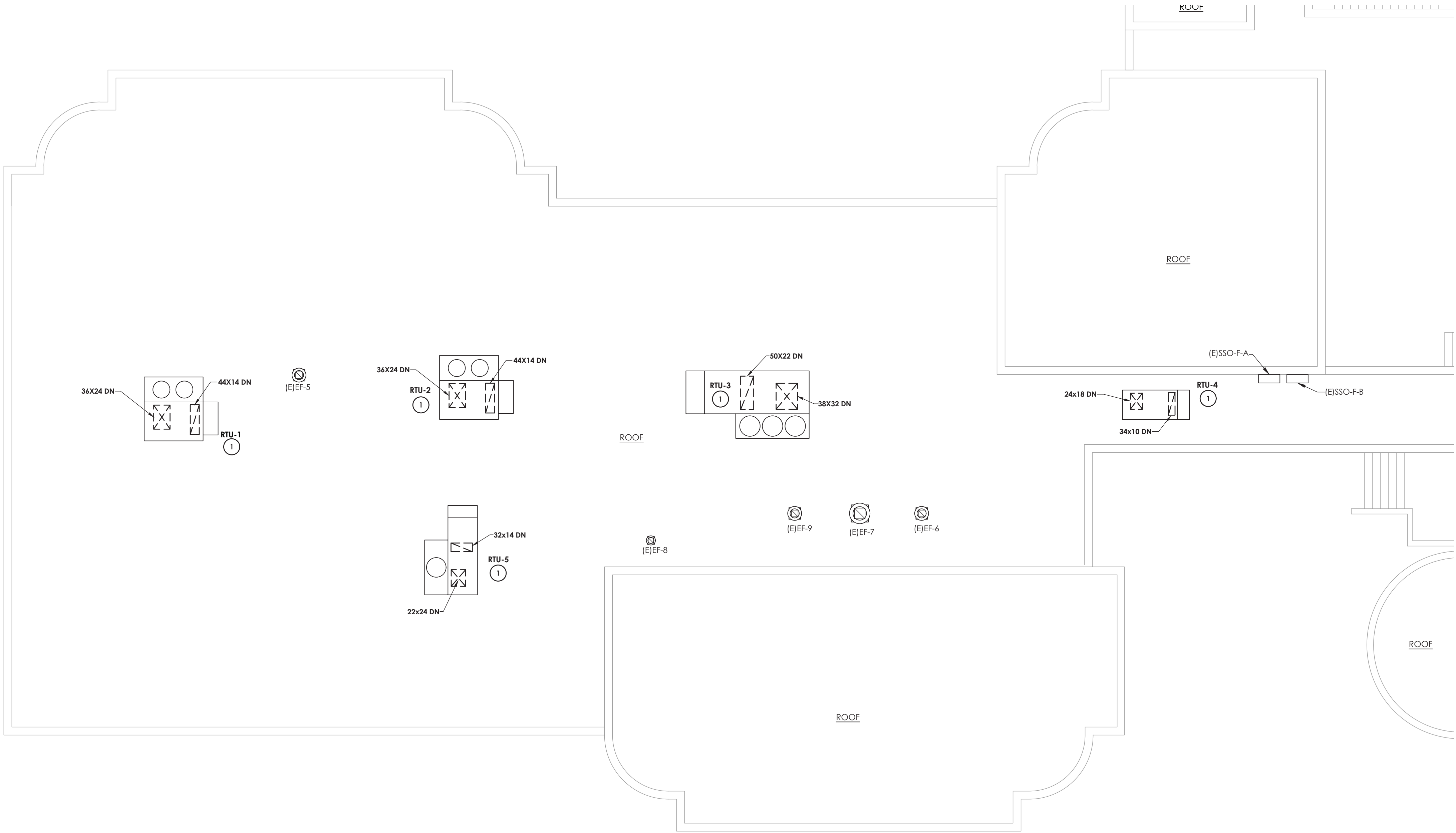
Project Status
BID SET

Drawn By
CNH

Checked By
JJM

Drawing Title
ROOF AREA 1 HVAC NEW WORK PLAN

Drawing Number
PES
H203.1



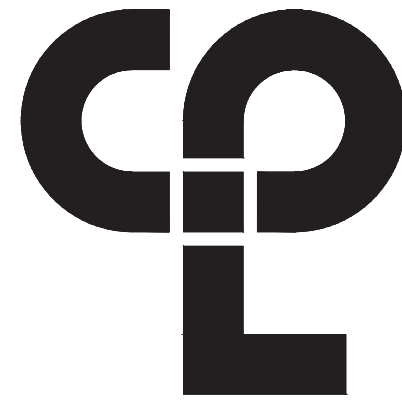
1 ROOF AREA 2 HVAC NEW WORK PLAN
H203.2 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR NEW WORK.
- COORDINATE NEW WORK WITH ALL OTHER TRADES.
- COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
- UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.
- MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.
- REFER TO SHEET S203 FOR MECHANICAL CONTRACTOR STRUCTURAL WORK.
- REFER TO SHEET A205 FOR MECHANICAL CONTRACTOR ROOFING WORK.

KEY NOTES:

- CONTRACTOR SHALL PROVIDE ROOFTOP UNIT AND CURB ACCORDING TO CONTRACT DOCUMENTS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFER TO DETAILS AND SCHEMATICS. COORDINATE AND INTEGRATE WITH BMS CONTROLS. CONTRACTOR SHALL EXECUTE AND DOCUMENT ALL MANUFACTURER'S SUGGESTED START UP AND TESTING. RECONNECT DUCTWORK, PIPING AND CONTROLS AND PREPARE FOR COMMISSIONING.



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50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
1428.20
Client Name

OSSINING UNION FREE SCHOOL
DISTRICT
Project Name
2022-2023 CIP

District Office Address
22 EDWARD ST. OSSINING, NY 10562

OSSINING

PARK ELEMENTARY SEDP 86-1401-030-004-024

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

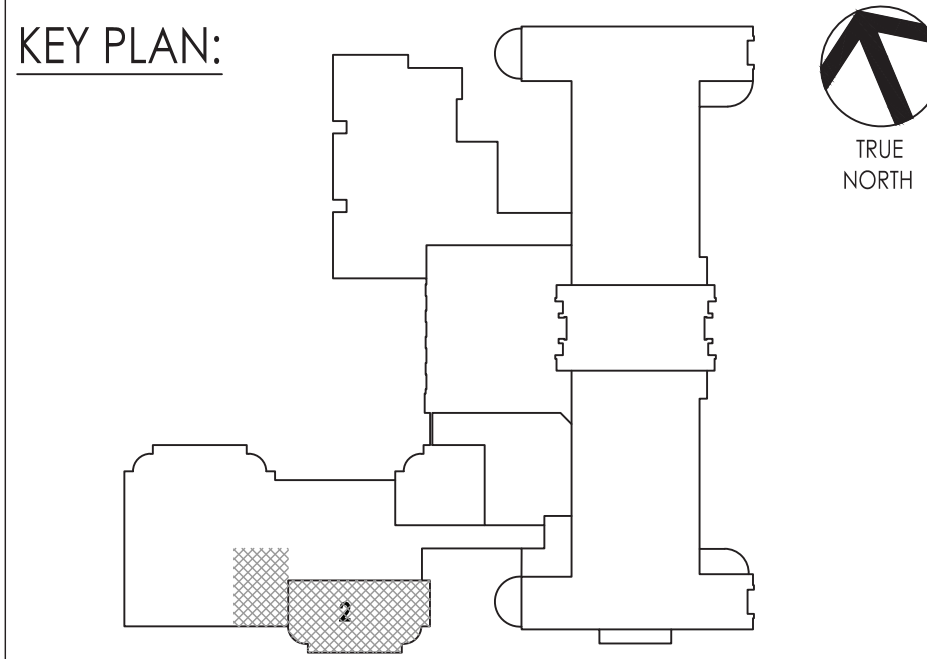
NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, am a duly licensed professional engineer in the State of New York, and I am the author of the design and construction of the project described herein. I am not aware of any fraud, error, or omission in the design or construction of the project described herein. I am not aware of any fraud, error, or omission in the design or construction of the project described herein. I am not aware of any fraud, error, or omission in the design or construction of the project described herein.

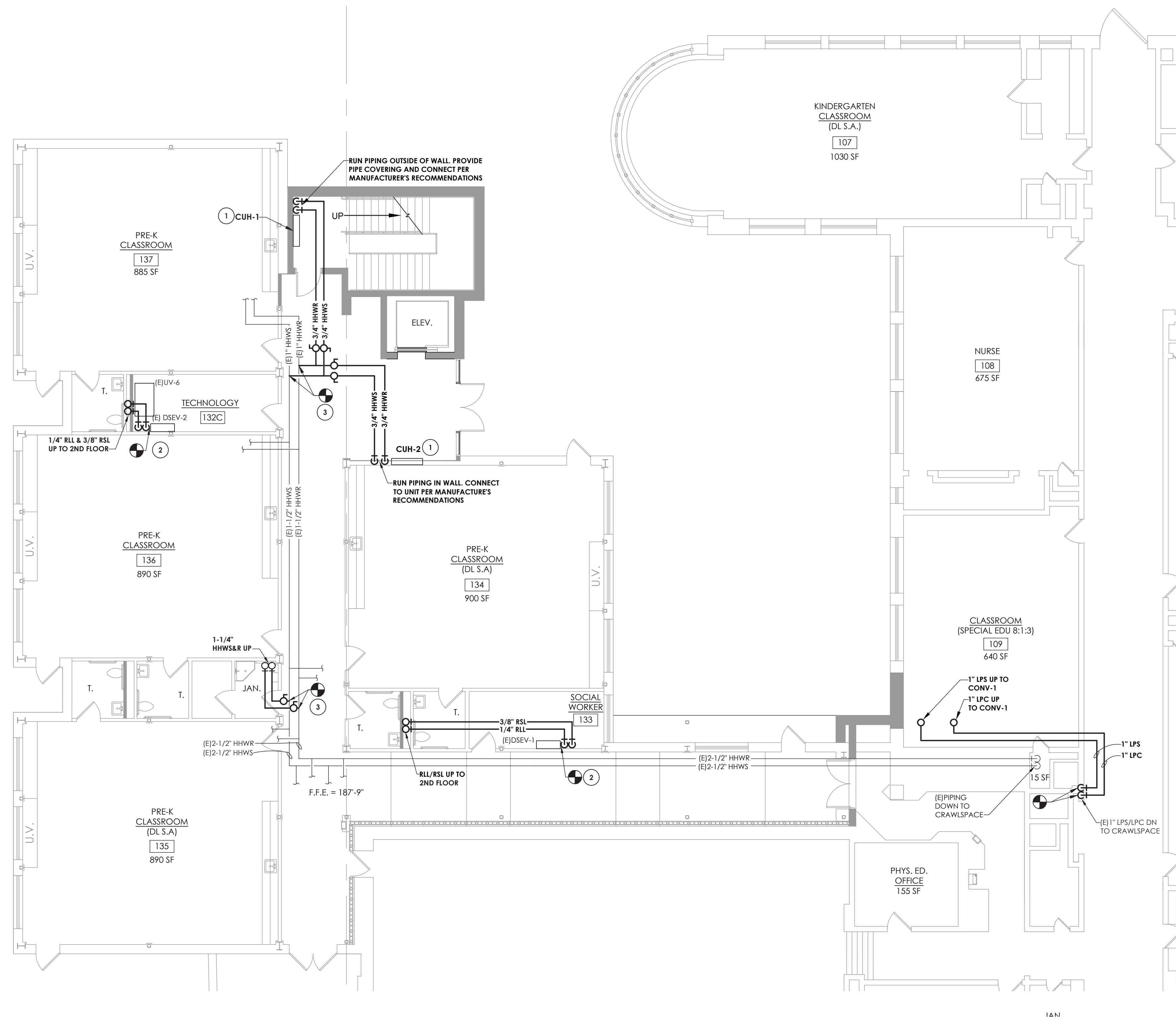
SHEET INFORMATION

Issued
09/05/23
Project Status
BID SET
Drawn By
CNH
Checked By
JJM
Drawing Title
ROOF AREA 2 HVAC NEW WORK
PLAN

Drawing Number

PES
H203.2





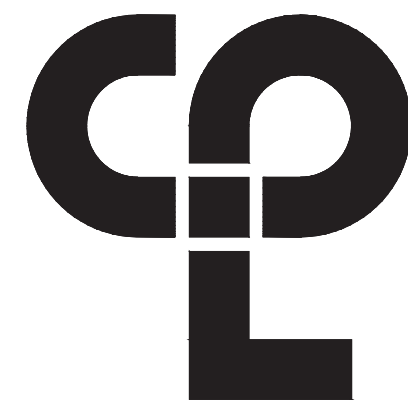
1 FIRST FLOOR AREA 1 HVAC PIPING NEW WORK PLAN
H301 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR NEW WORK.
2. COORDINATE NEW WORK WITH ALL OTHER TRADES.
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
4. UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.
5. MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.

KEY NOTES:

1. PROVIDE ALL ASSOCIATED PIPING, PIPING ACCESSORIES AND CONTROLS REQUIRED FOR NEW CABINET UNIT HEATER.
2. CONNECT REFRIGERANT PIPING TO EXISTING INDOOR SPLIT SYSTEM UNIT. REFRIGERANT PIPING INDICATED ON DRAWING IS SHOWN TO INDICATE SUGGESTED PATH AND MAY NOT REPRESENT ACTUAL PIPING CONFIGURATION. SIZING AND CIRCUITING IS THE RESPONSIBILITY OF THE CONTRACTOR. RECHARGE WITH R410A REFRIGERANT. RECONNECT TO BMS SYSTEM AND RESUME EXISTING SEQUENCE OF OPERATION.
3. TIE HEATING HOT WATER SUPPLY AND RETURN PIPING INTO EXISTING MAIN. PROVIDE ISOLATION VALVES. RE-BALANCE HYDRONIC SYSTEM.



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50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
14428.20
Client Name

**OSSINING UNION FREE SCHOOL
DISTRICT**

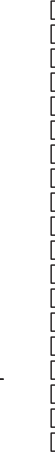
2022-2023 CIP

District Office Address

22 EDWARD ST, OSSINING, NY 10562

OSSINING

PARK ELEMENTARY SED# 66-14-01-C3-0-004-024



PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
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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, ENGINEER OR LAND SURVEYOR, TO ALTER AN FBM IN ANY MANNER. IF AN FBM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE FBM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

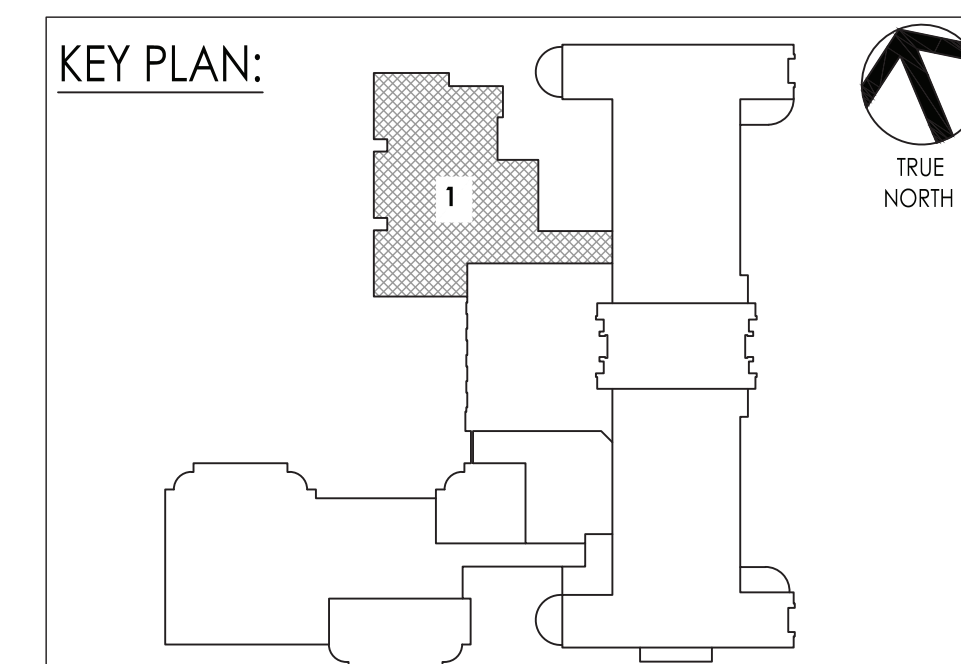
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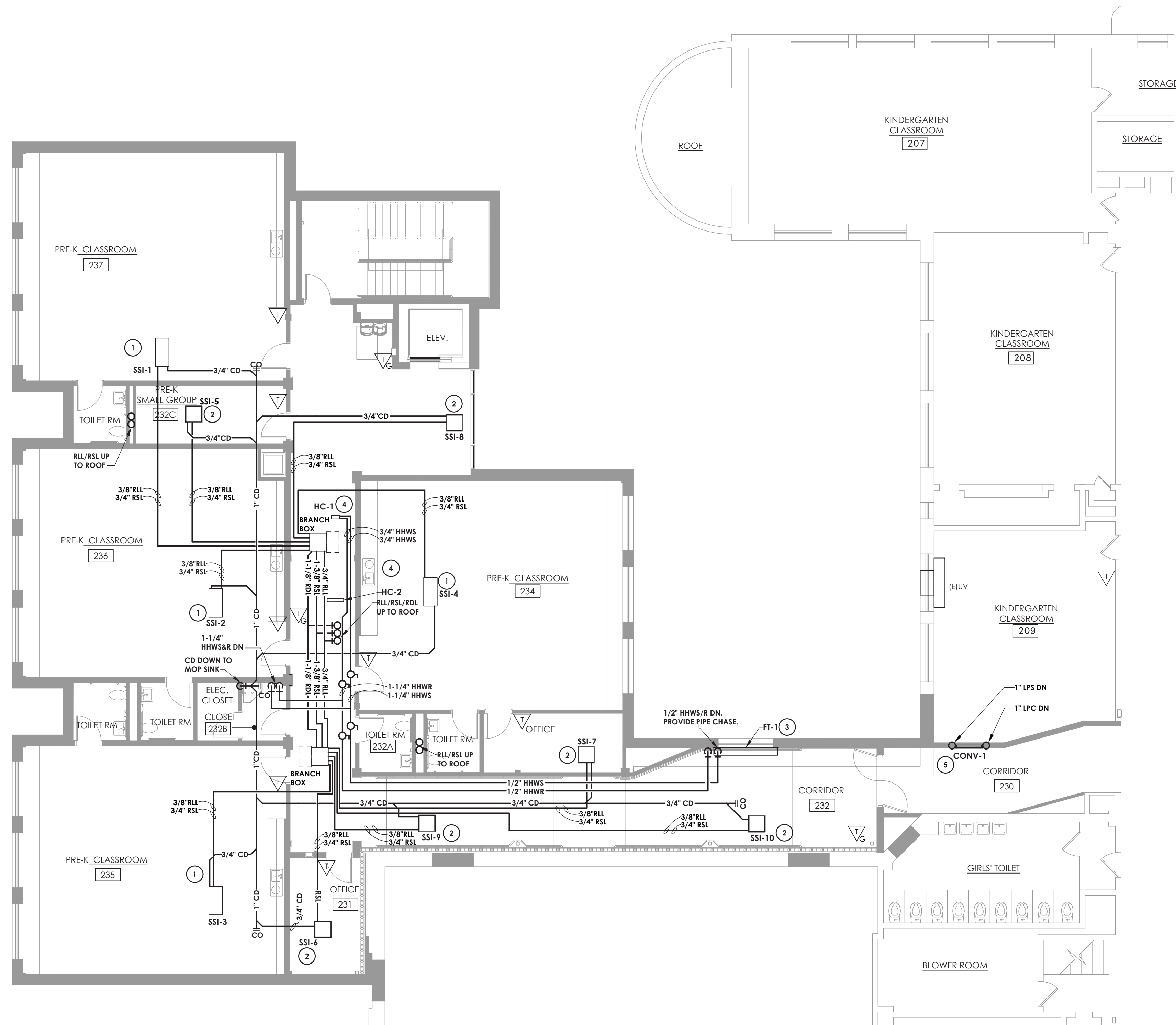
Issued	Scale
09/05/23	1/8" = 1'-0"
Project Status	
BID SET	
Drawn By	Checked By
CNH	JMM
Drawing Title	

FIRST FLOOR AREA 1 HVAC PIPING NEW WORK PLAN

Drawing Number

PES
H301





1 SECOND FLOOR AREA 1 HVAC PIPING NEW WORK PLAN
H302 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. COORDINATE WITH BUILDING OWNER FOR ANY NECESSARY SHUT-DOWN OF BUILDING SYSTEMS REQUIRED FOR NEW WORK.
2. COORDINATE NEW WORK WITH ALL OTHER TRADES.
3. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH PLUMBING AND ELECTRICAL CONTRACTORS.
4. UNLESS OTHERWISE DIRECTED, ALL BUILDING MANAGEMENT CONTROLS ARE EXISTING TO BE RECONNECTED TO THE NEW EQUIPMENT. RECONNECTION IS THE RESPONSIBILITY OF THIS CONTRACT.
5. MAINTAIN ROOF WARRANTY FOR ALL EQUIPMENT REMOVALS AND INSTALLATIONS.

KEY NOTES:

- ① PROVIDE ASSOCIATED PIPING, REFRIGERANT LINES AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATIONS TO DUCTED VRF SYSTEM UNIT. REFRIGERANT PIPING INDICATED ON DRAWING IS SHOWN TO INDICATE SUGGESTED PATH AND MAY NOT REPRESENT ACTUAL PIPING CONFIGURATION, SIZING AND CIRCUITING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ② PROVIDE ASSOCIATED PIPING, REFRIGERANT LINES AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATIONS TO CASSETTE STYLE VRF SYSTEM UNIT. REFRIGERANT PIPING INDICATED ON DRAWING IS SHOWN TO INDICATE SUGGESTED PATH AND MAY NOT REPRESENT ACTUAL PIPING CONFIGURATION, SIZING AND CIRCUITING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ③ PROVIDE NEW FIN TUBE RADIATION UNIT WITH ASSOCIATED PIPING AND CONTROLS. PROVIDE TUBE END CAPS AND COORDINATE WITH ARCHITECT.
- ④ PROVIDE NEW HOT WATER COIL WITH ASSOCIATED PIPING AND CONTROLS.
- ⑤ PROVIDE RECESSED STEAM CONVECTOR. PROVIDE ALL ASSOCIATED PIPING AND CONTROLS ACCESSORIES.

PROJECT INFORMATION

Project Number
14428.20
Client Name

OSSINING UNION FREE SCHOOL
DISTRICT

Project Name
2022-2023 CIP

District Office Address
22 EDWARD ST, OSSINING, NY 10562

OSSINING

PARK ELEMENTARY SED# 66-14-01-C3-O-004-024

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
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PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

IF 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 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.

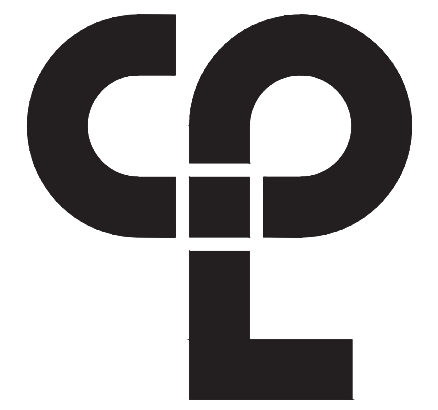
SHEET INFORMATION

Issued	Scale
09/05/23	1/8" = 1'-0"
Project Status	
BID SET	
Drawn By	Checked By
CNH	JJM
Drawing Title	

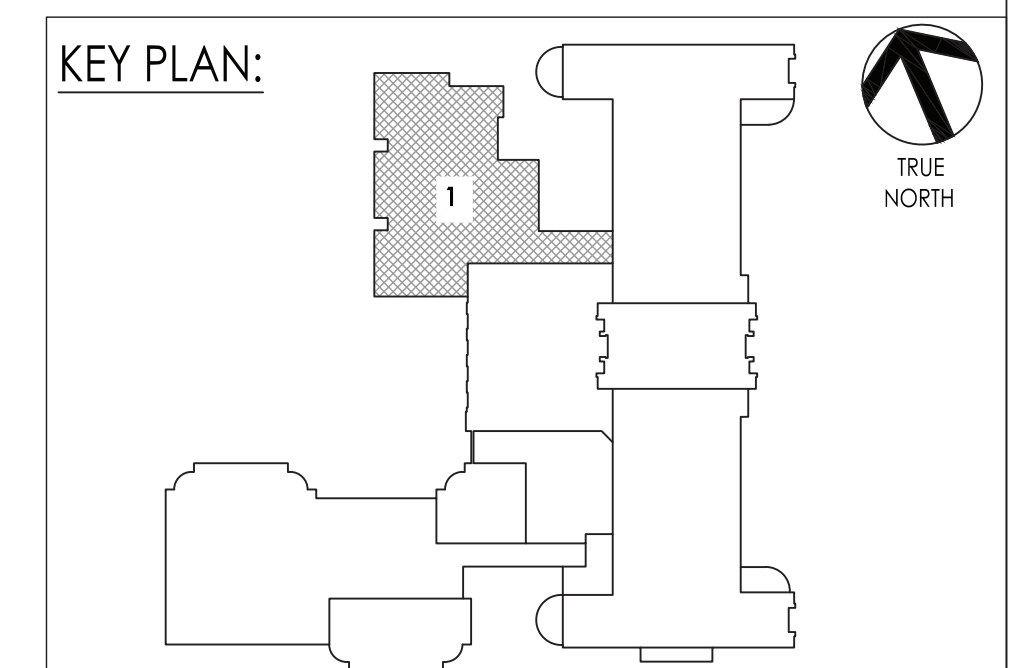
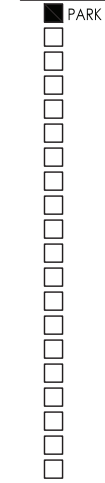
SECOND FLOOR AREA 1 HVAC PIPING NEW WORK PLAN

Drawing Number

PES
H302



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





Project Number
14428.20
Client Name

District Office Address
22 EDWARD ST, OSSINING, NY 10562

PARK ELEMENTARY SED# 66-14-01-03-0-004-02-

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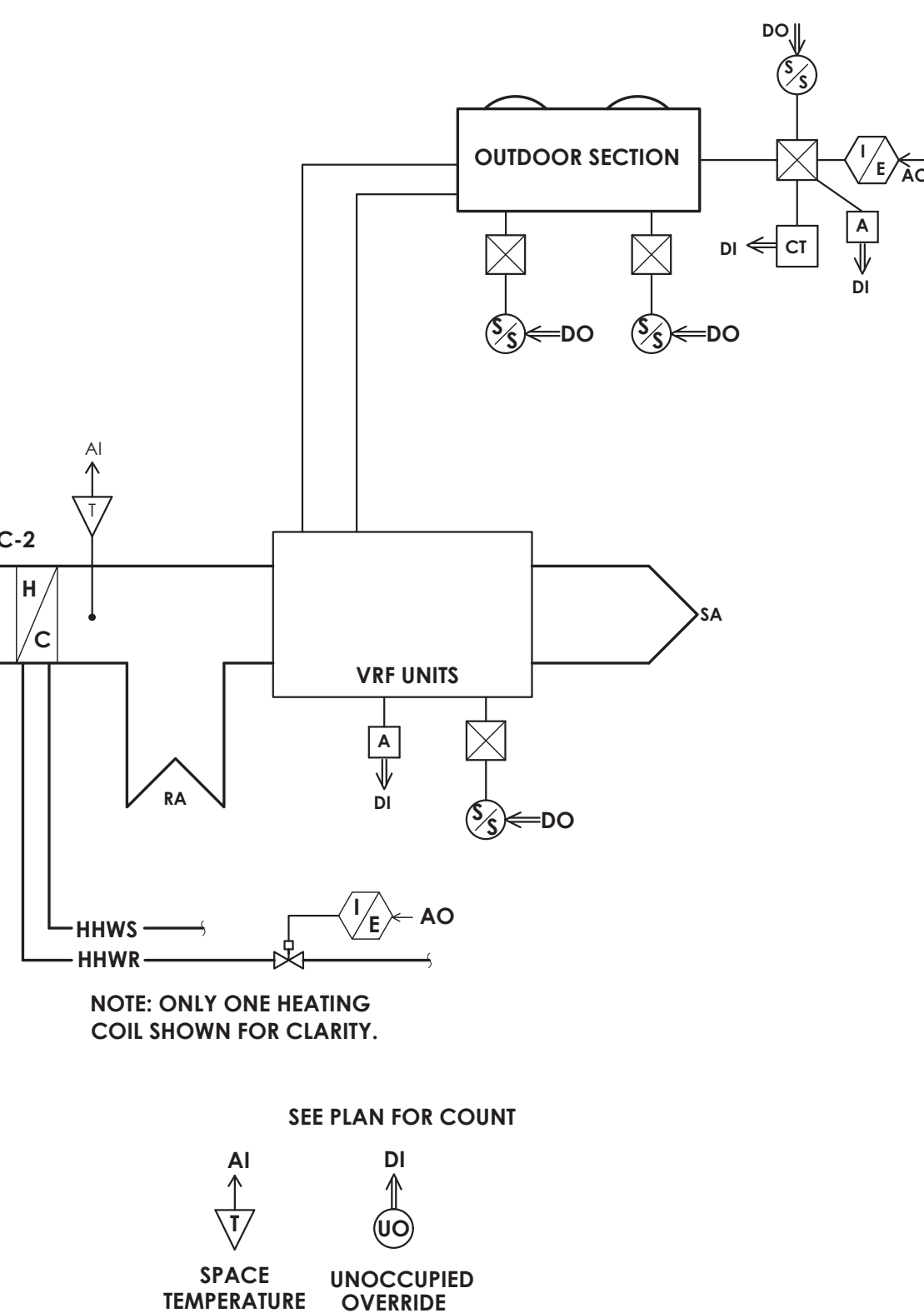
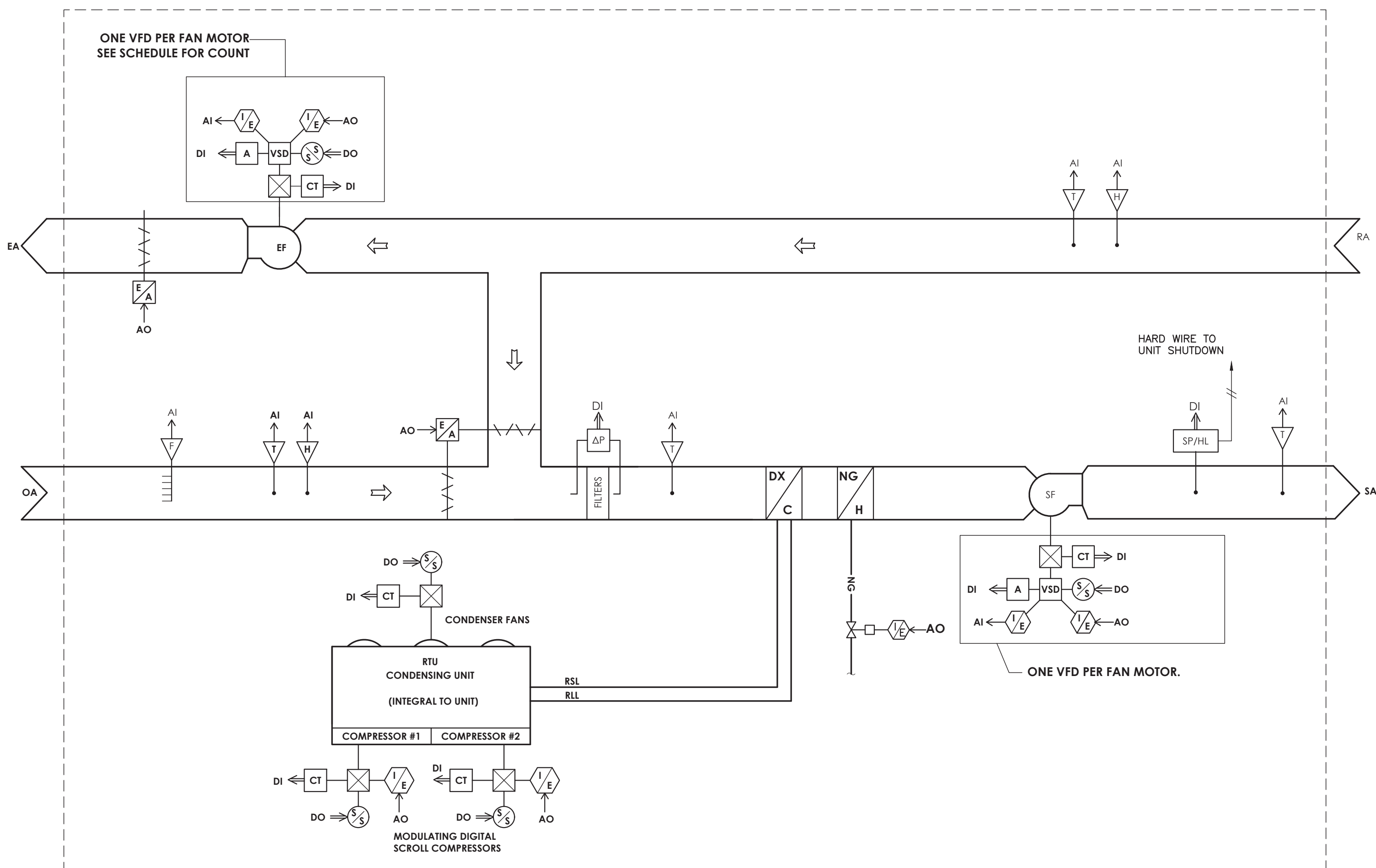
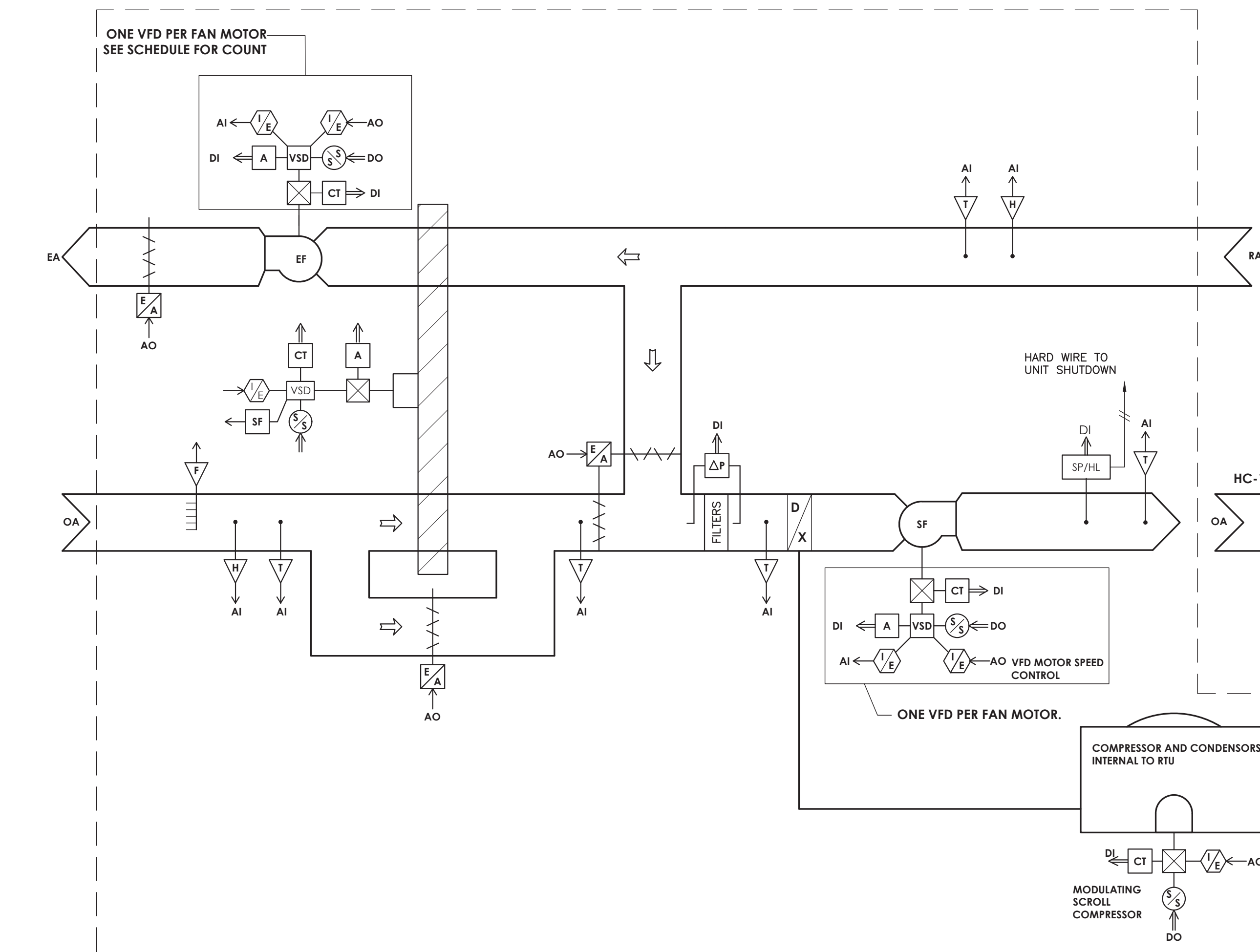
No.	Date	Description
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NEW YORK STATE EDUCATION STATEMENT

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Issued	Scale
09/05/23	AS INDICATED
Project Status	
BID SET	
Drawn By	Checked By
CNH	JJM
Drawing Title	
HVAC CONTROLS	

GEN
H500





Project Number
14428.20
Client Name

District Office Address
22 EDWARD ST, OSSINING, NY 10562

PARK ELEMENTARY SED# 66-14-01-03-0-004-024

15

No.	Date	Description
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NEW YORK STATE EDUCATION STATEMENT

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Issued	Scale
09/05/23	AS INDICATED
Project Status	
BID SET	
Drawn By	Checked By
CNH	JJM
Drawing Title	

Drawing Number
GEN
H50



SPACE
TEMPERATURE

SET POINT
ADJUSTMENT

UNOCCUPIED
OVERRIDE





VANES FOR SQUARE THROAT ELBOWS THRU 20" WIDE

UNI-STRUT TRANSVERSING AND ATTACHED TO STRUCTURAL STEEL MINIMAL 2 PLACES PER MEMBER

VIBRATION ISOLATORS SIZED AS PER UNIT WEIGHT DISTRIBUTION TYPICAL 4 PLACES

3/4" THREADED ROD WITH WASHERS AND DOUBLE NUTS, MINIMAL 4 PLACES PER UNIT

AIR HANDLING UNIT (NTS)



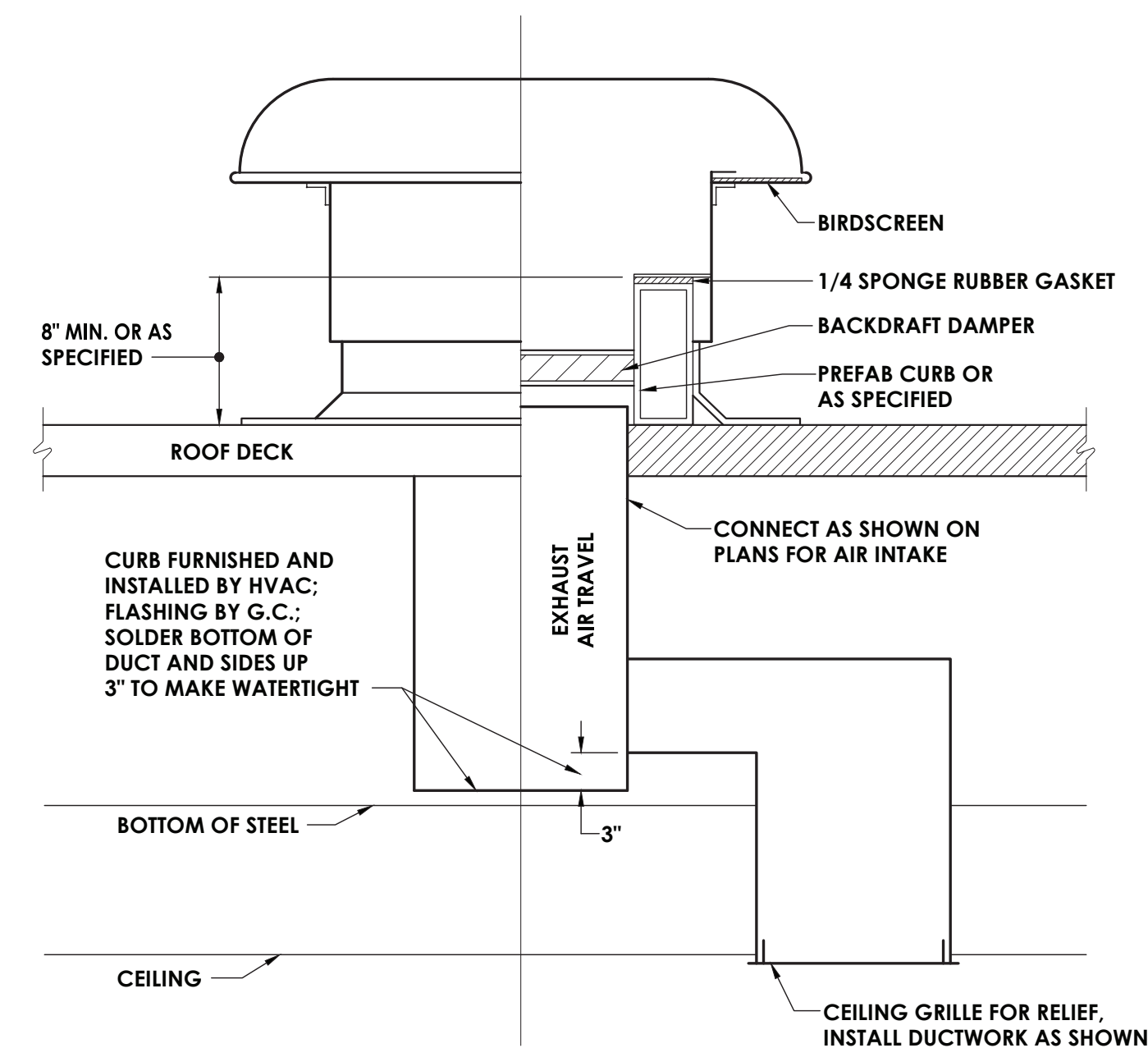
1. INSTALL ROOFING PER NRCA RECOMMENDATIONS. COORDINATE WITH OWNER AND EXISTING ROOFING MANUFACTURER TO MAINTAIN WARRANTY.
2. REMOVE EXISTING ROOFING AND ROOF INSULATION DOWN TO EXISTING ROOF DECK AS NECESSARY FOR INSTALLATION OF HVAC EQUIPMENT CURB. CUT OPENING IN EXISTING ROOF DECK AND PROVIDE STRUCTURAL SUPPORT FOR MECHANICAL EQUIPMENT AND OPENING EDGE.
3. INSTALLATION OF ALL MECHANICAL EQUIPMENT, RAILS AND CURBS SHALL CONFORM TO NYS BUILDING CODE SECTION 1604.9 AND THE WIND RESTRAINT REQUIREMENTS OF THIS PROJECT.



9
301

TYPICAL GRAVITY RELIEF OR AIR INTAKE DETAIL

NOT TO SCALE



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50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
14428.20
Client Name

OSSINING UNION FREE SCHOOL
DISTRICT

Project Name
2022-2023 CIP

District Office Address
22 EDWARD ST, OSSINING, NY 10562

OSSINING

PARK ELEMENTARY SED# 66-14-01-C3-0-004-024

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
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PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued	Scale
09/05/23	AS INDICATED
Project Status	
BID SET	
Drawn By	Checked By
CNH	JJM
Drawing Title	
HVAC DETAILS	

Drawing Number

GEN
H80

OUTDOOR CONDENSING UNIT SCHEDULE													
TAG	LOCATION	COOLING CAPACITY MBH	HEATING CAPACITY MBH	ELECTRICAL DATA						WEIGHT (LB)	EER	TYPICAL UNIT MFG & MODEL NO.	NOTES:
				FAN DATA		COMPRESSOR RLA	SYSTEM MFA	SYSTEM MCA	POWER (V/Hz/Ø)				
				MOTOR WATTS	MOTOR FLA								
SSO-1	AREA 1 ROOF	264	297	740 x 3	10	63.7	120	93.7	208/460/3	1735	11.2	FUJITSU AIRSTAGE AOUA264ULBVG5	1,2,3,4,5
NOTES:													
1. FACTORY MOUNTED DISCONNECT.													
2. VARIABLE SPEED INVERTER DRIVEN COMPRESSOR.													
3. PROVIDE BACKNET INTEGRATION PACKAGE FOR FULL INTEGRATION WITH BUILDING MANAGEMENT SYSTEM.													
4. PROVIDE WIND BAFFLE.													
5. SIZE REFRIGERANT PIPING AND SPECIALTIES PER MANUFACTURER'S RECOMMENDATIONS.													

STEAM CONVECTOR SCHEDULE										
TAG	HEAT (BTUH)	PRESSURE (PSIG)	FLUID	EAT (°F)	ENCLOSURE				TYPICAL UNIT MFG & MODEL NO.	NOTES:
					H (IN.)	L (IN.)	D (IN.)	STYLE		
COMV-1	5141	2	STEAM	65	20	36	4	RECESSED	STERLING FWG-A	1,2,3

NOTES:

1. PROVIDE ACCESS DOORS IN ENCLOSURE AS NECESSARY FOR ACCESS TO SHUTOFF VALVES, CONTROL VALVE AND ACCESSORIES.

2. ENCLOSURE COLOR TO BE SELECTED BY ARCHITECT.

3. COORDINATE HEIGHT WITH ELECTRICAL DEVICES.

RELOCATED OUTDOOR CONDENSING UNIT SCHEDULE (FOR INFORMATIONAL USE ONLY)												
TAG	LOCATION	COOLING CAPACITY MBH	HEATING CAPACITY MBH	ELECTRICAL DATA						WEIGHT (LB)	TYPICAL UNIT MFG & MODEL NO.	NOTES:
				FAN DATA		COMPRESSOR RLA	SYSTEM MFA	SYSTEM MCA	POWER (V/Hz/Ø)			
				MOTOR WATTS	MOTOR FLA							
SSO-3	AREA 1 ROOF	12,000	12,000	32	0.7	9.5	20	13	115/40/1	57.8	CARRIER 38MHRQ12A--1	1
SSO-4	AREA 1 ROOF	12,000	12,000	32	0.7	9.5	20	13	115/40/1	57.8	CARRIER 38MHRQ12A--1	1
NOTES: 1. EXISTING EQUIPMENT RELOCATED TO NEW LOCATIONS												

RELOCATED GRAVITY INTAKE VENTILATOR SCHEDULE (FOR INFORMATIONAL USE ONLY)							
TAG	THROAT SIZE	HOOD SIZE	HOOD VELOCITY	CFM	SP IN W.G.	TYPICAL UNIT MFG & MODEL NO.	NOTES:
GV-1	-	-	-	50	-	-	1

NOTES:

1. EXISTING EQUIPMENT RELOCATED TO NEW LOCATIONS

VRF/SPLIT SYSTEM INDOOR UNITS												
TAG	LOCATION	AIRFLOW (H/M/L) CFM	OUTDOOR AIRFLOW CFM	HEATING CAPACITY MBH	COOLING CAPACITY MBH	WEIGHT (LBS)	POWER (V/Hz/Ø)	MOCP	MCA	TYPICAL UNIT MFG & MODEL NO.	NOTES:	
SSI-1	237 - CLASSROOM	1766/1589/1354	510	54	48	112	208/40/1	15	4.83	FUJITSU AIRSTAGE ARUH48TLAV2	1.2.4.5.6	
SSI-2	236 - CLASSROOM	1324/1030/824	510	40	36	108	208/40/1	15	2.7	FUJITSU AIRSTAGE ARUH36TLAV2	1.2.4.5.6	
SSI-3	235 - CLASSROOM	1766/1589/1354	510	54	48	112	208/40/1	15	4.83	FUJITSU AIRSTAGE ARUH48TLAV2	1.2.4.5.6	
SSI-4	234 - CLASSROOM	1766/1589/1354	510	54	48	112	208/40/1	15	4.83	FUJITSU AIRSTAGE ARUH48TLAV2	1.2.4.5.6	
SSI-5	232C - SMALL GROUP	318/265/206	50	9.5	7.5	40	208/40/1	15	0.51	FUJITSU AIRSTAGE AUUA7TLAV2	1.2.3.4.5.6.7	
SSI-6	231 - OFFICE	318/265/206	50	9.5	7.5	40	208/40/1	15	0.51	FUJITSU AIRSTAGE AUUA7TLAV2	1.2.3.4.5.6.7	
SSI-7	234B - OFFICE	318/265/206	50	9.5	7.5	40	208/40/1	15	0.51	FUJITSU AIRSTAGE AUUA7TLAV2	1.2.3.4.5.6.7	
SSI-8	232 - CORRIDOR	401/330/259	40	15.6	14	43	208/40/1	15	0.51	FUJITSU AIRSTAGE AUUA14TLAV2	1.2.3.4.5.6.7	
SSI-9	232 - CORRIDOR	401/330/259	40	15.6	14	43	208/40/1	15	0.51	FUJITSU AIRSTAGE AUUA14TLAV2	1.2.3.4.5.6.7	
SSI-10	232 - CORRIDOR	401/330/259	40	15.6	14	43	208/40/1	15	0.51	FUJITSU AIRSTAGE AUUA14TLAV2	1.2.3.4.5.6.7	

NOTES:

- UNIT MOUNTED AND WIRED DISCONNECT.
- PROVIDE BACKNET INTEGRATION PACKAGE FOR FULL INTEGRATION WITH BUILDING MANAGEMENT SYSTEM.
- COLOR WHITE.
- TOUCH PANEL CONTROLLER.
- PROVIDE MANUFACTURER'S CONDENSATE PUMP.
- PROVIDE DRAIN PAN LEVEL SENSOR.
- CEILING CASSETTE MODULES TO FIT IN 24X24 CEILING GRID.

RELOCATED EXHAUST FAN SCHEDULE (FOR INFORMATIONAL USE ONLY)											
TAG	TYPE	CFM	SP IN W.G.	RPM	ELECTRICAL					TYPICAL UNIT MFG & MODEL NO.	NOTES:
					HP	BHP	VOLTS	PHASE	AMPS		
EF-10	DOWNBLAST	140	0.1	893	1/10	1/10	115	1	40	GREENHECK G-095-VG	1
EF-11	DOWNBLAST	340	0.1	773	.25	.02	115	1	40	GREENHECK G-070-VG	1
EF-12	DOWNBLAST	6000	0.546	1725	1.5	1.07	208	3	40	GREENHECK HB-300-15	1

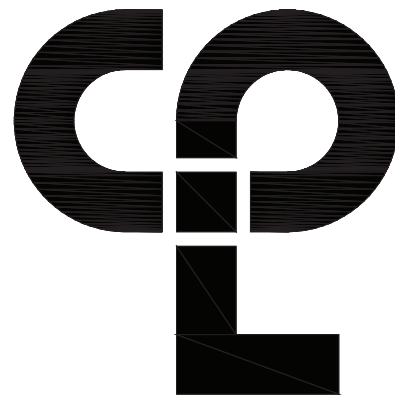
NOTES:

1. EXISTING EQUIPMENT RELOCATED TO NEW LOCATIONS

CABINET UNIT HEATER SCHEDULE														
TAG	LOCATION	TYPE	HEATING CAPACITY (MBH)	CFM	GPM	# OF ROWS	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	ELECTRICAL		TYPICAL UNIT MFG & MODEL NO.	NOTES:
											POWER (V/HZ/Ø)	MCA (A)		
CJH-1	STAIRWELL	WALL	18.6	332	1.86	1	180	160	65	116.7	120/40/1	.45	STERLING CBS-WI-03	1.2
CJH-2	CORRIDOR	RECESSED WALL	25.4	430	2.54	1	180	160	65	114.7	120/40/1	1.4	STERLING RW-1120-04	1.2
NOTES:														
1. PROVIDE WITH 2-POSITION CONTROL VALVE AND AUTOMATIC BALANCING VALVE LOCATED IN PIPING END COMPARTMENT.														
2. COLOR BY ARCHITECT.														

FIN TUBE SCHEDULE													
TAG	BTU/FT.	GPM	TUBE SIZE (IN.)	FINS / FT.	EWT (°F)	LWT (°F)	EAT (°F)	ENCLOSURE			ELEMENT LENGTH (FT.)	TYPICAL UNIT MFG & MODEL NO.	NOTES:
								H (IN.)	D (IN.)	STYLE			
FT-1	1000	0.5	3/4	32	180	160	65	14	4.5	SLOPE TOP	6	STERLING JVA-ARS	1,2,3,4
FT-2	1000	5.1	3/4	40	180	160	65	14	4-3/8	FLAT TOP	16	STERLING JVA-F14	1,2,3,4
NOTES:													
1. PROVIDE ACCESS DOORS IN ENCLOSURE AS NECESSARY FOR ACCESS TO SHUTOFF VALVES, CONTROL VALVE AND ACCESSORIES.													
2. ENCLOSURE COLOR TO BE SELECTED BY ARCHITECT.													
3. PROVIDE WITH WALL-TO-WALL ENCLOSURE.													
4. COORDINATE HEIGHT WITH ELECTRICAL DEVICES.													

DEDICATED OUTDOOR AIR SYSTEMS SCHEDULE																																				
TAG	SUPPLY FAN				OA (CFM)	RELIEF/EXHAUST FAN				COOLING CAPACITY				ENERGY RECOVERY												ELECTRICAL			EER	WEIGHT (LBS.)	TYPICAL UNIT MFG & MODEL NO.	NOTES:				
	AIRFLOW (CFM)	ESP (IN. W.C.)	MOTOR HP	FAN BHP		AIRFLOW (CFM)	ESP (IN. W.C.)	MOTOR HP	FAN BHP	TOTAL MBH	SENS MBH	EAT°F		LAT°F		WINTER				SUMMER				POWER (V/Hz/Ø)	MCA	MOCp										
												DB	WB	DB	WB	TOTAL MBH	EFFECTIVENESS		EAT°F		LAT°F		EFFECTIVENESS													
																	TOTAL	SENSIBLE	DB	WB	DB	WB	TOTAL				SENSIBLE									
DOAS-1	2270	0.75	2	1.56	2270	2465	1.34	2	1	94	69	84.2	66.7	57.2	55.9	-2	-3	41.4	32.2	120	68.1	72.3	95	70	84.2	66.7	25	72.9	71.5	208/60/3	44	60	12.4	1452	AAON - RN007	1,2,3,4,5,6,7
NOTES:																																				
1. 24" INSULATED CURB. EXTEND EXISTING CONTROLS TO NEW UNITS.																																				
2. FACTORY MOUNTED AND WIRED DISCONNECT.																																				
3. FACTORY UNIT CONTROLS WITH BACNET INTERFACE.																																				
4. BOTTOM SUPPLY CONNECTION. BOTTOM RETURN/EXHAUST CONNECTION.																																				
5. PROVIDE ENERGY WHEEL.																																				
6. PROVIDE CONVENIENCE OUTLET.																																				
7. PROVIDE 2IN. MERV 13 FILTERS.																																				



PROJECT INFORMATION	
Project Number	14428.20
Client Name	OSSINING UNION FREE SCHOOL DISTRICT
Project Name	2022-2023 CIP

District Office Address
22 EDWARD ST, OSSINING, NY 10562

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PROFESSIONAL STAMPS

Plotted By: Cameron Howard
Date last plotted: 8/1/2023 11:57 AM
Date last accessed: 5/19/2023 9:52 AM
Sheet size: 24x36
Drawing Name: S:\Projects\Ossining\Ufa02022-23 cpl\0 Design\04 CAD\ACAD\MECH\HP\H900 - MECHANICAL SCHEDULES.dwg

ROOFTOP AIR CONDITIONING UNIT SCHEDULE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
TAG	SUPPLY FAN				OA (CFM)	RELIEF/EXHAUST FAN				COOLING CAPACITY				HEATING CAPACITY					ENERGY RECOVERY										ELECTRICAL			EER	WEIGHT (LBS.)	TYPICAL UNIT MFG & MODEL NO.	NOTES:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	AIRFLOW (CFM)	ESP (IN. W.C.)	MOTOR HP	FAN BHP		AIRFLOW (CFM)	ESP (IN. W.C.)	MOTOR HP	FAN BHP	TOTAL MBH	SENS MBH	EAT°F		LAT°F	TYPE	MIN. PRESSURE (IN. W.C.)	TOTAL MBH	EAT °F	LAT °F	WINTER					SUMMER					POWER (V/Hz/Ø)	MCA					MOCP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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RTU-1	2900	1.75	3	1.78	1010	1010	0.75	2	0.9	93	75	83.9	66.8	57.6	55.3	NG	6	156	43.9	93.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LOUVER SCHEDULE							
TAG	SERVICE	CFM	FREE AREA VELOCITY (FPM)	SIZE (IN)	PRESSURE DROP	TYPICAL UNIT MFG & MODEL NO.	NOTES:
L-1	EXHAUST	100	508	16x6	0.038	GREENHECK ESD-202-16x6	1,2
NOTES: 1. PROVIDE BIRD SCREEN. 2. PROVIDE MOTORIZED BACKDRAFT DAMPER.							

REGISTERS, GRILLES, AND DIFFUSERS SCHEDULE						
TAG	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	NOTES:
D-1	SUPPLY - 3 CONE DIFFUSER	STEEL	LAY-IN	WHITE	TITUS: TMS	-
D-2	SUPPLY - 3 CONE DIFFUSER	STEEL	LAY-IN	WHITE	TITUS: PMC	-
G-1	RETURN/EA - LOUVERED GRILLE	STEEL	LAY-IN	WHITE	TITUS: 350FL	1
G-2	RETURN/EA - LOUVERED GRILLE	STEEL	SURFACE MOUNT	WHITE	TITUS: 350FL	1
G-3	RETURN/EA - LOUVERED GRILLE	STEEL	LAY-IN	WHITE	TITUS: PMR	-
NOTES: 1. AEROBLADE DESIGN, DOUBLE DEFLECTION, EXTRUDED ALUMINUM.						

HOT WATER COIL SCHEDULE														
TAG	SERVICE	AIR DATA					WATER DATA				MFG SIZE HxL (IN.)	ROWS	TYPICAL UNIT MFG & MODEL NO.	NOTES:
		CFM	TEMP (°F)		MAX APD (IN. WC)	MIN. MBH	GPM	TEMP (°F)		MAX APD (IN. WC)				
			ENT	LVG				ENT	LVG					
HC-1	DOAS-1	660	40	92.1	0.17	33.9	3.5	180	160	3.2	14x12	1	CAPITAL WB-1412	1,2
HC-2	DOAS-1	1680	40	85.3	0.15	81.9	8.4	180	160	8.4	24x18	1	CAPITAL WB-2418	1,2
NOTES:														
1. REFER TO PLAN FOR COIL CONNECTION HAND.														
2. TUBE OD 0.625, TUBE SPACING 1.5x1.299.														

PROJECT INFORMATION
Project Number
14428.20
Client Name
OSSINING UNION FREE SCHOOL DISTRICT
Project Name
2022-2023 CIP

District Office Address
22 EDWARD ST. OSSINING, NY 10562

PROJECT ISSUE & REVISION SCHEDULE		
No.	Date	Description
1		PARK ELEMENTARY SEDF 86-1401-030-004-024
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PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, am a duly licensed professional engineer in the State of New York, and I am the author of the design and construction of the project described herein. I am not aware of any fraud, deception, or other illegal or unethical conduct in the design or construction of the project. I am not aware of any fraud, deception, or other illegal or unethical conduct in the design or construction of the project. I am not aware of any fraud, deception, or other illegal or unethical conduct in the design or construction of the project.

SHEET INFORMATION
Issued
09/05/23
Scale
NOT TO SCALE
Project Status
BID SET
Drawn By
CNH
Checked By
JJM
Drawing Title
HVAC SCHEDULES

Drawing Number
**GEN
H901**