PL2

LINING - 2 INCH THICK

## **SYMBOLS GENERAL NOTES:**

SYMBOL

DESCRIPTION

**CURRENT TRANSDUCER** 

OPEN/CLOSED

ENABLE/DISABLE

FLOW TRANSMITTER

PRESSURE TRANSMITTER

**DUCT SMOKE DETECTOR** 

SPACE TEMPERATURE SENSOR

SPACE CARBON DIOXIDE SENSOR

SPACE CARBON MONOXIDE SENSOR

**VARIABLE SPEED / FREQUENCY DRIVE** 

DIFFERENTIAL STATIC PRESSURE SWITCH

DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)

DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)

ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)

ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)

SPACE NATURAL GAS SENSOR

SPACE SENSOR WITH GUARD

SPACE HUMIDISTAT

WATER FLOW SENSOR

PNEUMATIC ACTUATOR

**ELECTRIC ACTUATOR** 

COOLING COIL

**HEATING COIL** 

GAS FURNACE

HUMIDIFIER

ALARM

STATUS

RELAY

FLOW SWITCH

PRESSURE GAUGE

**ELECTRICAL INTERFACE** 

POSITION FEEDBACK

TRAVERSE AVERAGING SENSOR

SPEED FEED BACK

**END SWITCH** 

PROBE SENSOR

FREEZE STAT SENSOR

~~

FREEZE-STAT

SPACE THERMOSTAT

START/STOP

**ELECTRIC/PNEUMATIC SWITCH OR RELAY** 

PNEUMATIC/ELECTRIC SWITCH OR RELAY

TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)

**HUMIDITY SENSOR (DUCT MOUNTED)** 

DIFFERENTIAL PRESSURE TRANSMITTER

**ELECTRIC/PNEUMATIC TRANSDUCER** 

**ELECTRIC/ELECTRONIC TRANSDUCER** 

1) VALVE AND DAMPER ACTUATOR TYPES (ELECTRIC OR PNEUMATIC) WHICH ARE INDICATED IN HVAC TEMPERATURE CONTROL DRAWINGS SHALL SUPERSEDE TYPE INDICATED ON ALL OTHER HVAC DRAWINGS.

## **HVAC CONTRACTOR GENERAL NOTES:**

- A. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE FOR ANY DAMAGED OR LOST MATERIAL WHILE IN STORAGE. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION.
- DEMOLITION DRAWINGS SHOW MAJOR EQUIPMENT, PIPING, AND DUCTWORK REMOVALS. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, AND PNEUMATIC CONTROL TUBING TO BE DISCONNECTED AND REMOVED, BUT IS THE REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING, OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.
- BEFORE DISCONNECTING, REMOVING, OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE **EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT PER THE** LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES **ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR** TECHNICIAN PERFORMING THE WORK SHALL BE CERTIFIED BY AN EPA APPROVED CERTIFYING AGENCY OR ORGANIZATION.
- ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPINGS PER SPECIFICATION. REFER TO CODE ANALYSIS DRAWING FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.
- UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS, AND EXTERIOR WALLS AFTER DEMOLITION WORK. IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, CURBING, DUCTWORK, PIPING, CONTROLS, ETC. PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION INCLUDING FIRE RATINGS. PROVIDE LINTELS PER LINTEL SCHEDULE.
- H. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS AND DRAINS IN THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR WHICH WOULD PREVENT PROPER VENTING OR OPERATION OF THE SYSTEMS. DRAINS SHALL BE PROVIDED AT ALL LOW POINTS WITHIN THE PIPING SYSTEM TO FACILITATE COMPLETE DRAINING OF THE SYSTEM.
- PROVIDE THERMAL EXPANSION COMPENSATORS AND THERMAL EXPANSION LOOPS IN PIPING SYSTEM PER INDUSTRY STANDARDS.



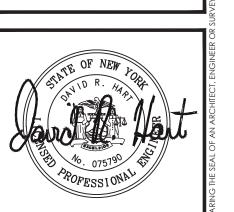
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NEWBURGH, NEW YORK 12550

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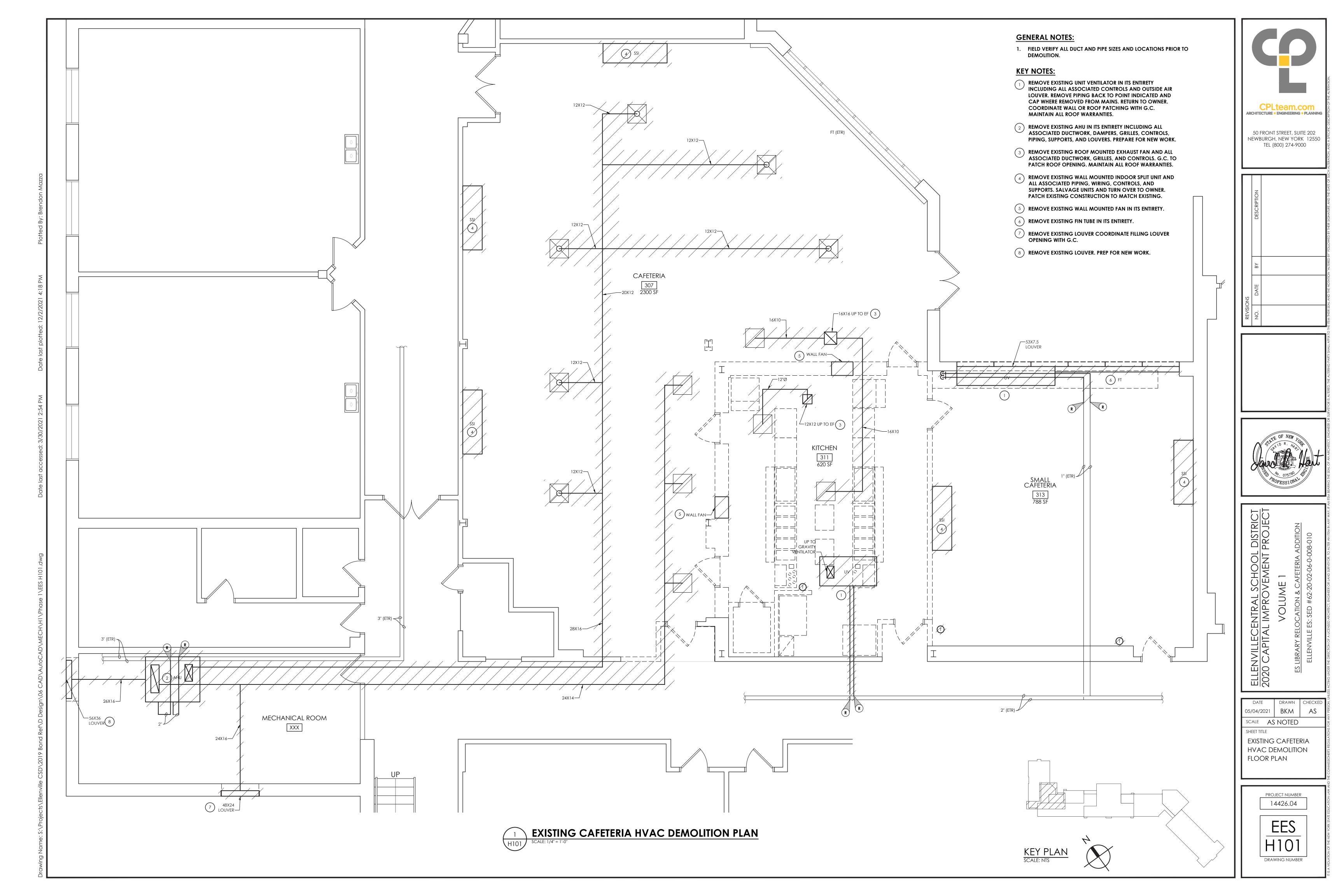


ELLENVILLECENTRAL SCHOOL DISTRICT 2020 CAPITAL IMPROVEMENT PROJECT OLUME

DRAWN CHECKE 05/04/2021 BKM SCALE AS NOTED SHEET TITLE MECHANICAL SYMBOLS

> PROJECT NUMBER 14426.04 **GEN**

H000 DRAWING NUMBER



**KEY NOTES:** 

KEY PLAN SCALE: NTS

- REMOVE EXISTING CONDENSING UNIT IN ITS ENTIRETY INCLUDING ALL PIPING, WIRING, AND CONTROLS.
  COORDINATE PATCHING OF ROOF OPENING WITH GC MAINTAIN ALL ROOF WARRANTIES.
- REMOVE EXISTING EXHAUST FAN IN ITS ENTIRETY INCLUDING ALL ASSOCIATED DUCTWORK, WIRING AND CONTROLS.
  COORDINATE PATCHING OF ROOF OPENING WITH GC MAINTAIN ALL ROOF WARRANTIES.
- REMOVE EXISTING GRAVITY VENTILATOR IN ITS ENTIRETY INCLUDING ALL ASSOCIATED DUCTWORK. COORDINATE PATCHING OF ROOF OPENING WITH GC. MAINTAIN ALL ROOF WARRANTIES.

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PITAL IMPROVEMENT PROJEC
VOLUME 1

VOLUME 1

AVILLE ES: SED #62-20-02-06-0-008-010

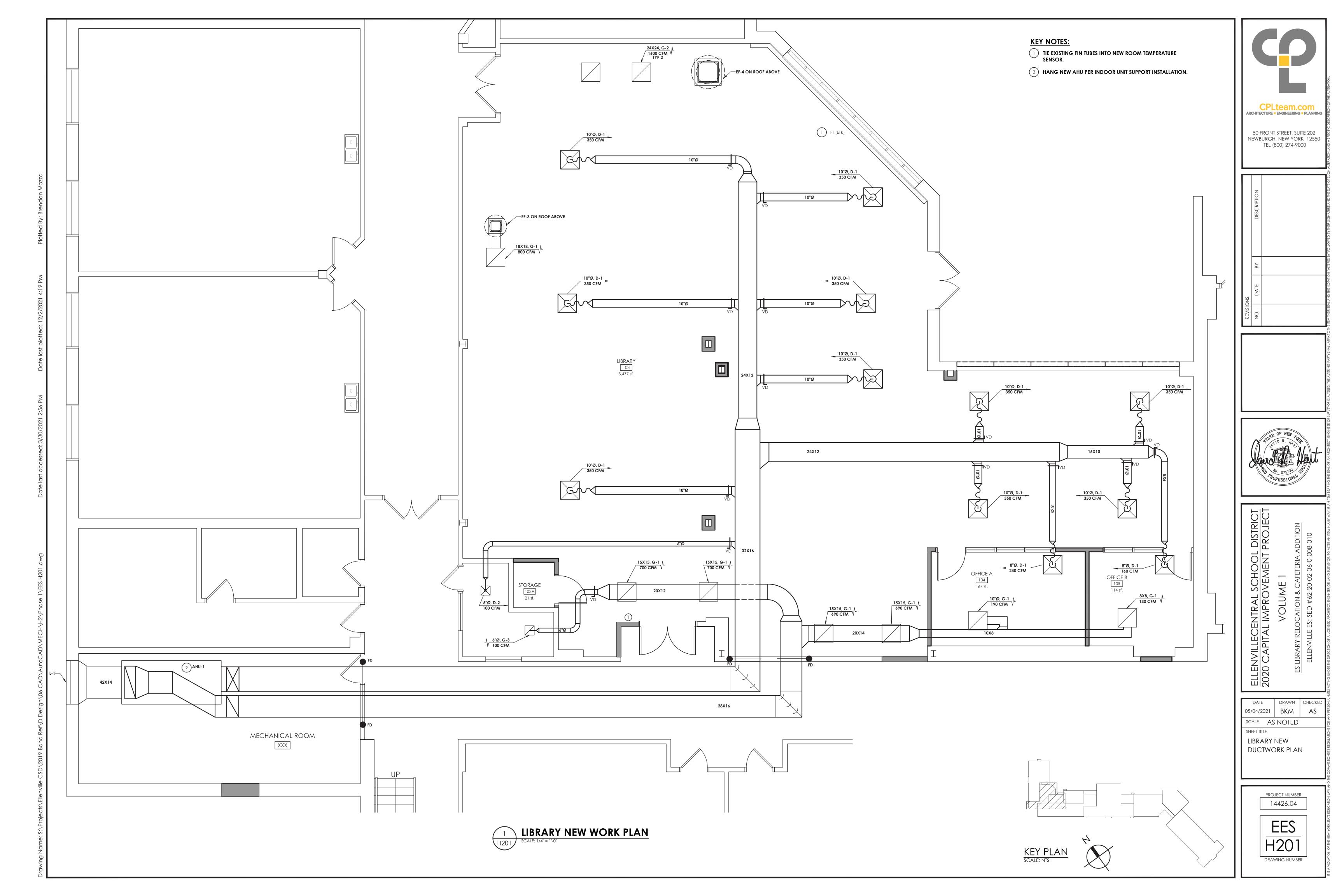
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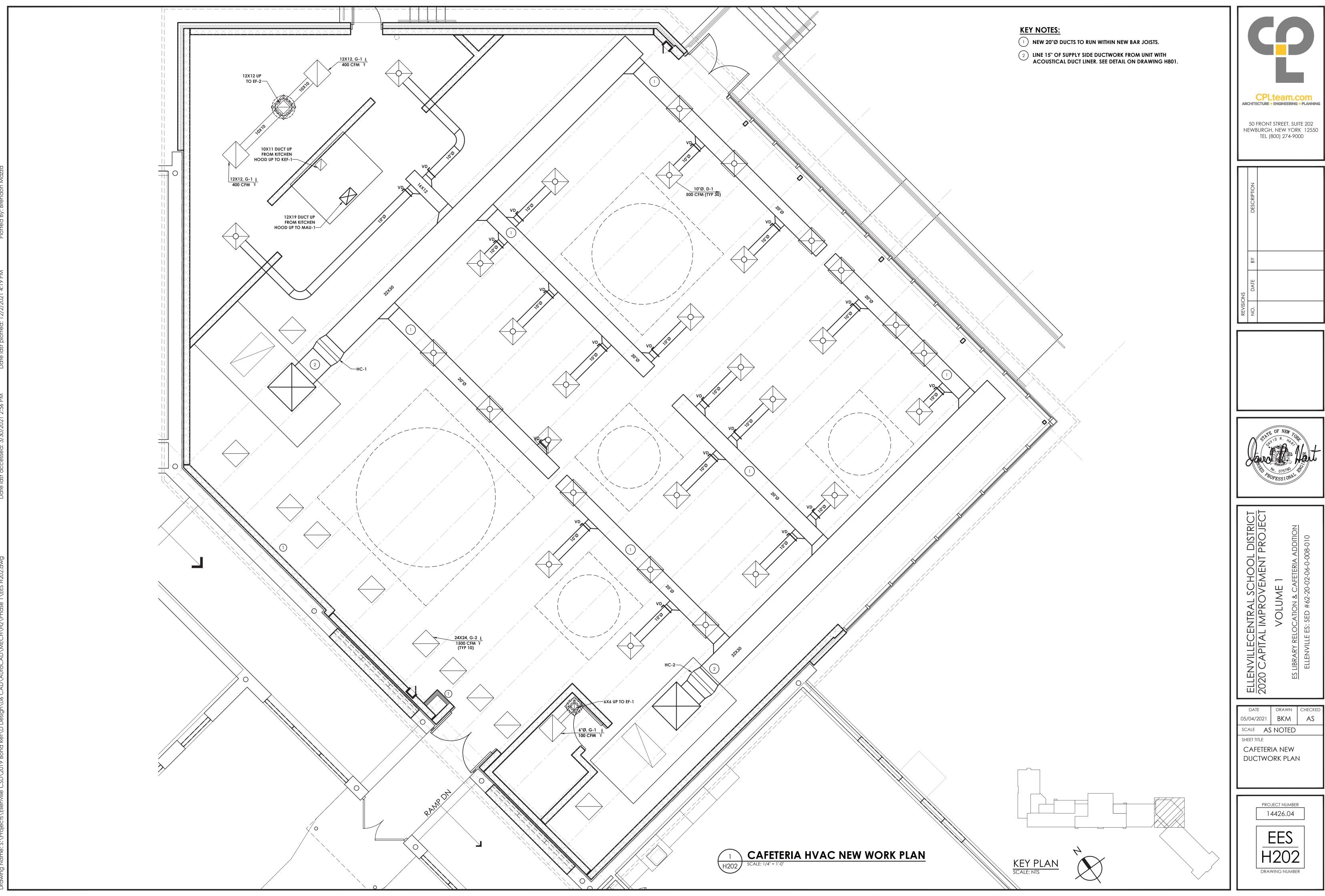
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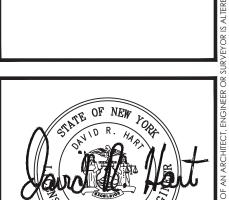
EXISTING CAFETERIA HVAC DEMOLITION ROOF PLAN

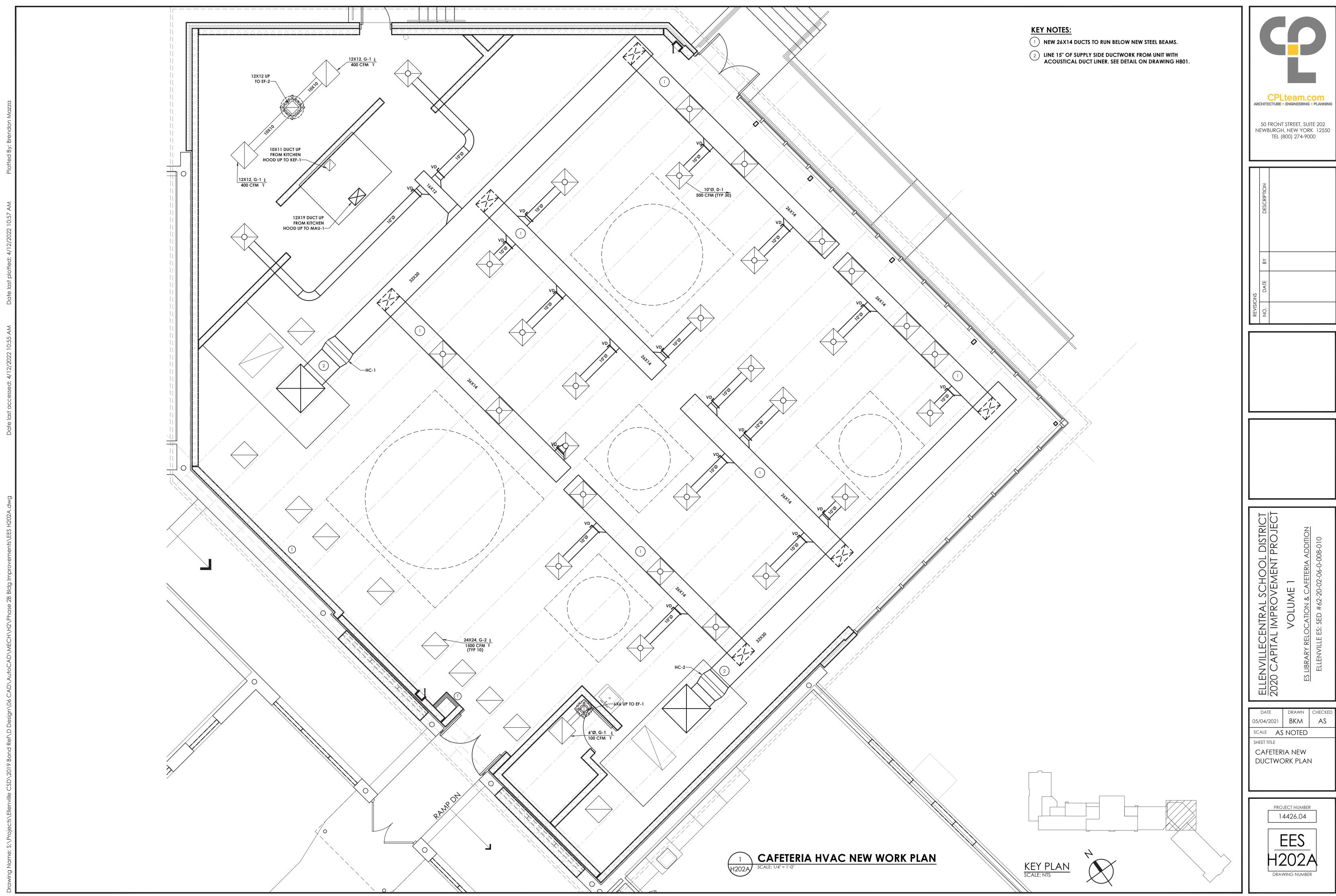
PROJECT NUMBER

EES H102









3/4" CONDENSATE TRAP, SEE DETAILS.

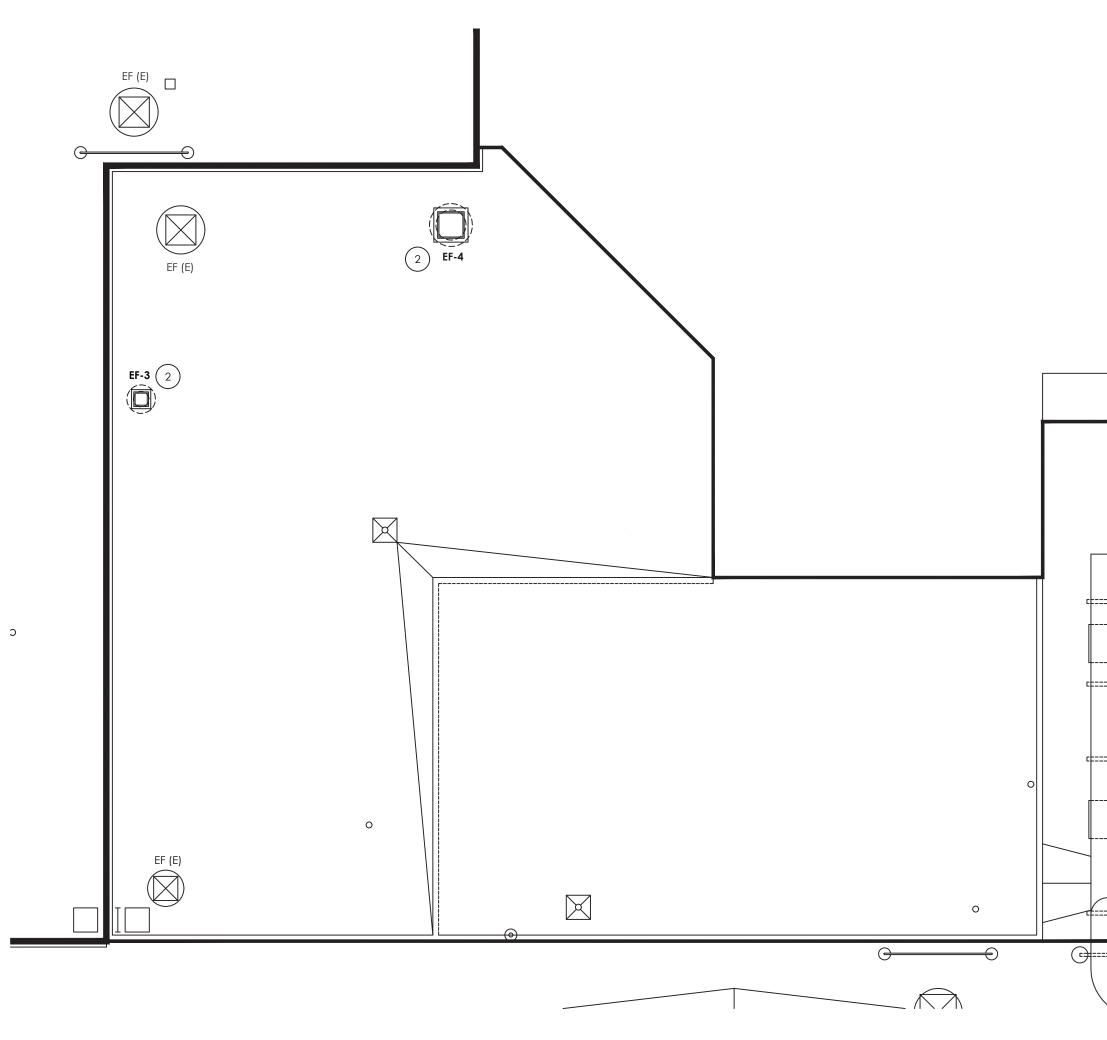
> 3/4" CONDENSATE TRAP, SEE DETAILS.

**EF-1** 2

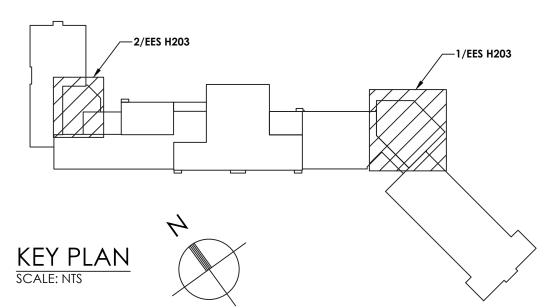
1 CAFETERIA ROOF NEW WORK PLAN
H203 SCALE: 1/8" = 1'-0"

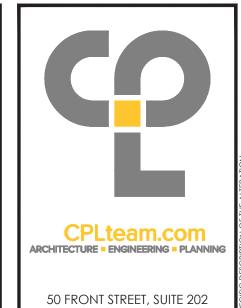
## **KEY NOTES:**

- PROVIDE NEW ROOFTOP UNIT AND MANUFACTURER'S ROOF CURB. CURB TO BE INSTALLED BY G.C. MECHANICAL CONTRACTOR TO MARK OPENING AND CURB LOCATIONS.
- PROVIDE NEW EXHAUST FAN AND CURB. CURB TO BE INSTALLED BY G.C. MECHANICAL CONTRACTOR TO MARK OPENING AND CURB LOCATIONS.
- DISCONNECT EXISTING EXHAUST FAN (INCLUDING CONTROLS) AND REMOVE BOTH FAN AND CURB TO ACCOMMODATE NEW ROOF WORK. RECONNECT AND REINSTALL FAN, CONTROLS, AND CURB AFTER ROOF WORK. MODIFY EXISTING DUCTWORK AS REQUIRED TO ACCOMMODATE NEW ROOF FRAMING. COORDINATE WITH









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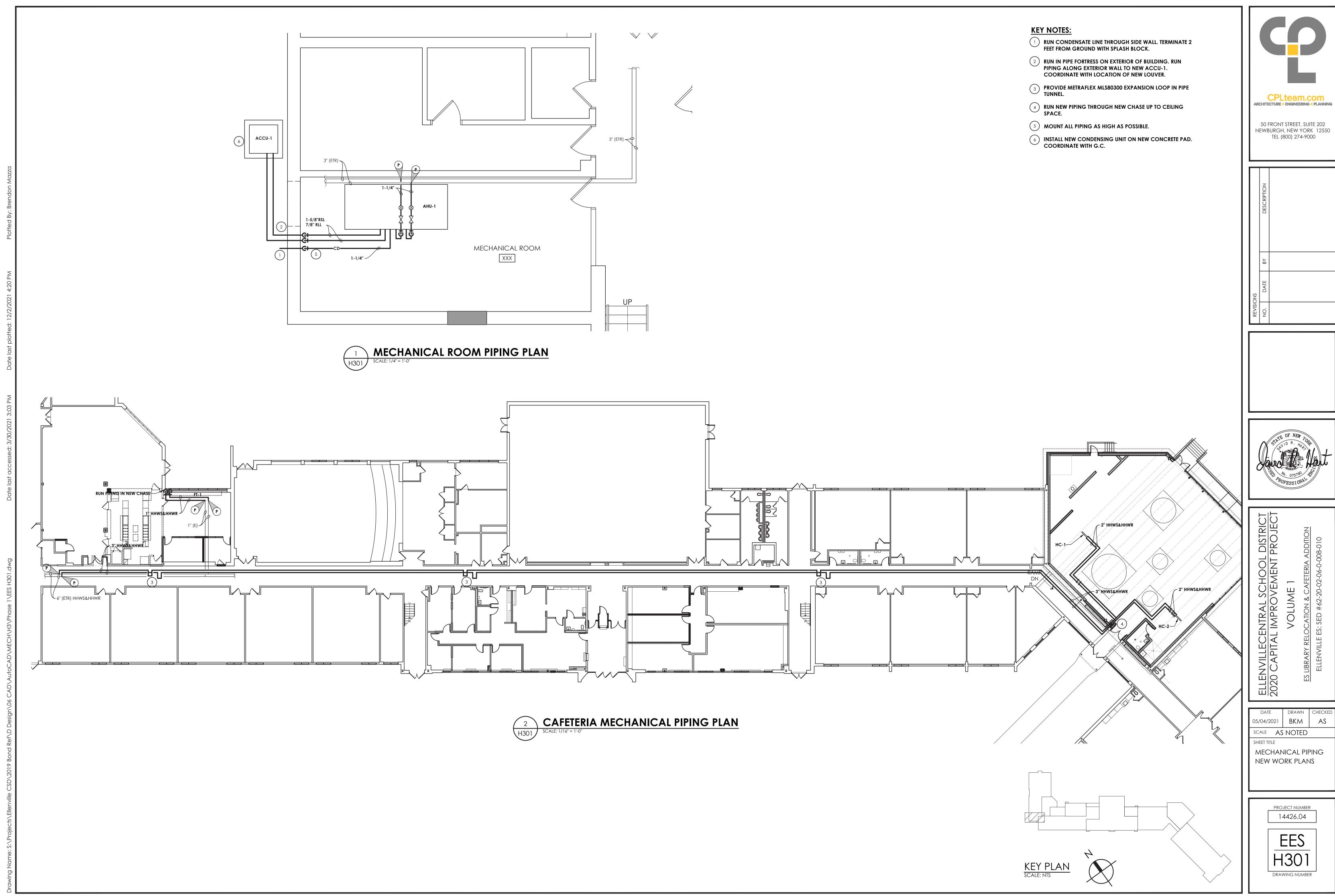
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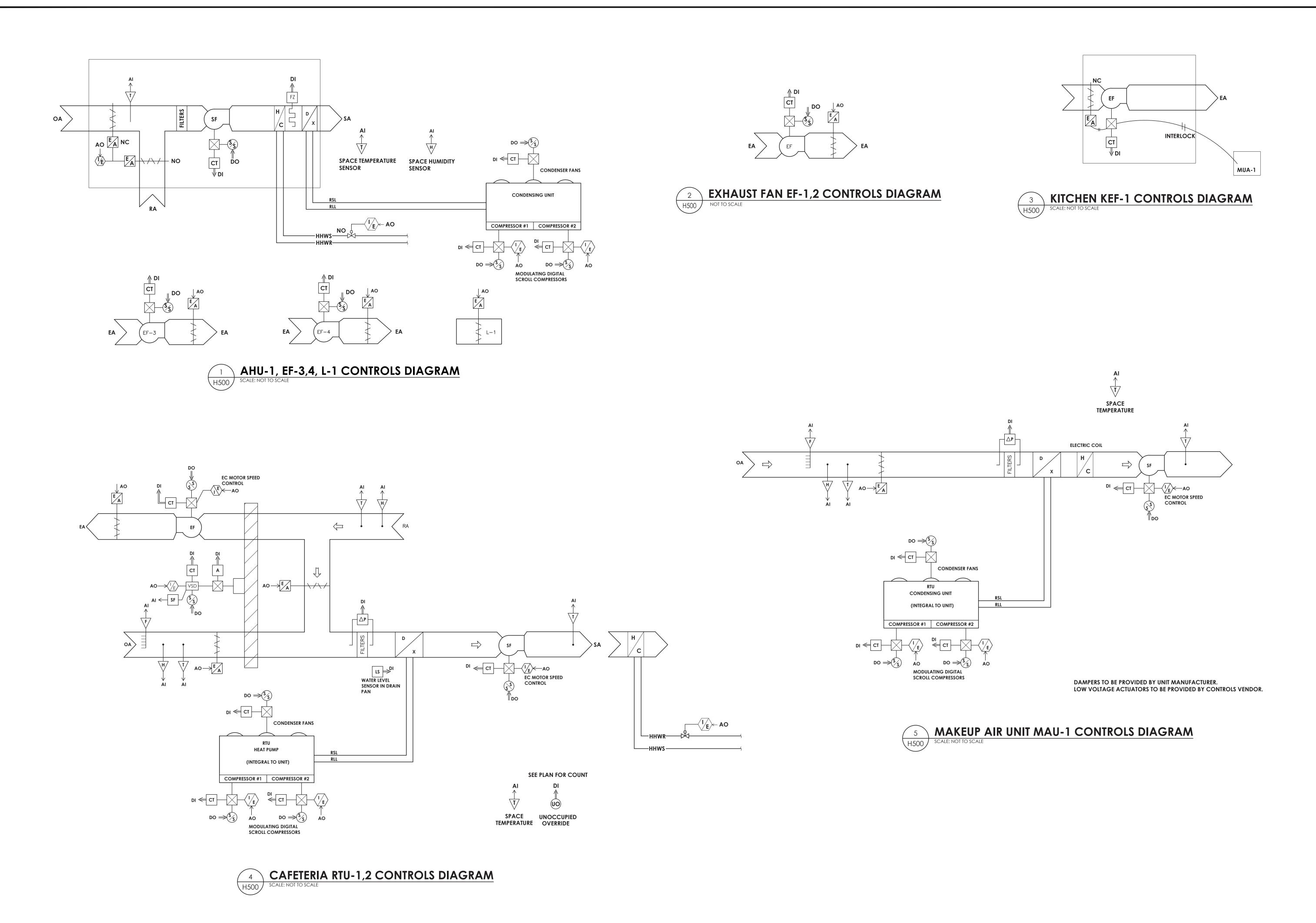
SHEET TITLE

ROOF NEW WORK
PLANS



DRAWING NUMBER





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2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1

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ELLENVILLE ES: SED #62-20-02-06-0-008-010

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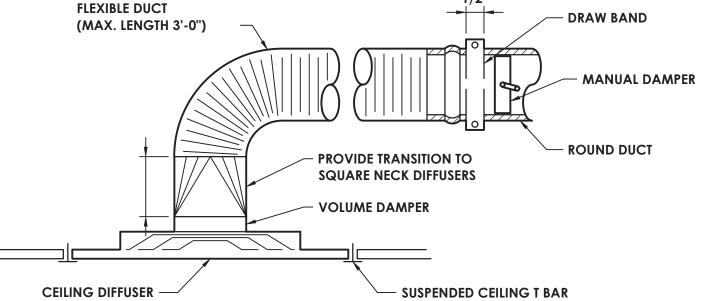
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MECHANICAL
CONTROLS DETAILS

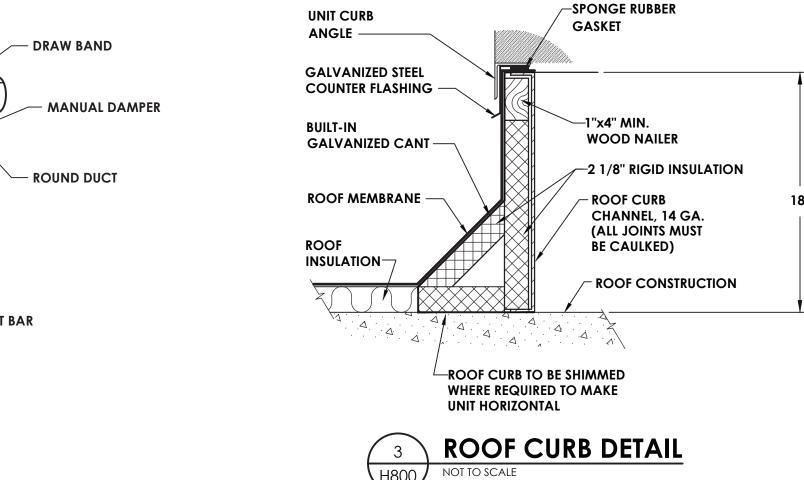
PROJECT NUMBER
14426.04

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H500

DRAWING NUMBER

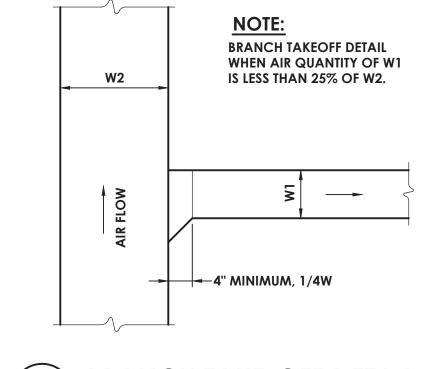






PITCH .005

H800





**ADJUSABLE PITCH** 

**MOTOR SHEAVE** 

MOTOR OUT

OF AIRSTREAM

SPUN ALUMINIUM

**DIRECT OR V-BELT DRIVEN** 

HOUSING WITH REMOVABLE MOTOR DOME

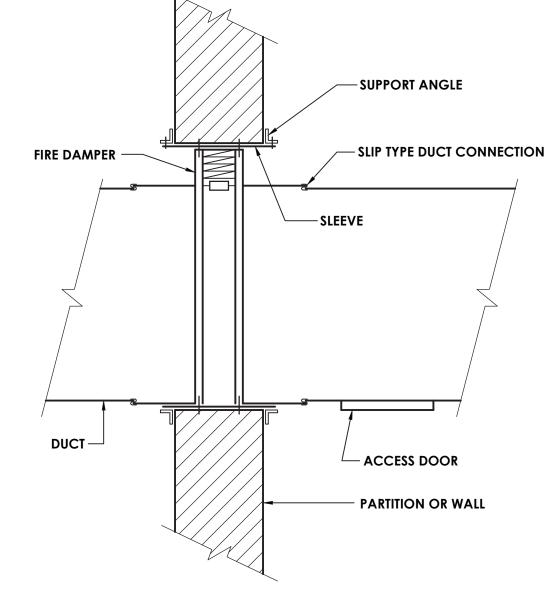
- BALL BEARING PERMANENTLY

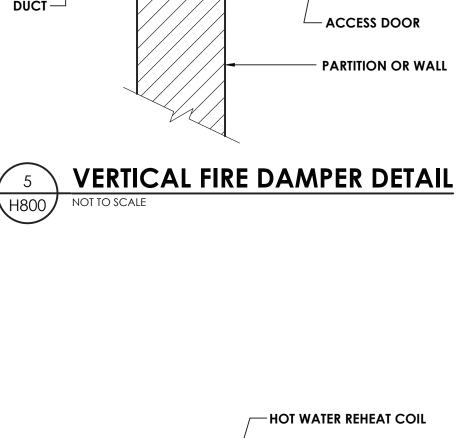
LUBRICATED PILLOW BLOCKS

**UNFUSED DISCONNECT SWITCH** 

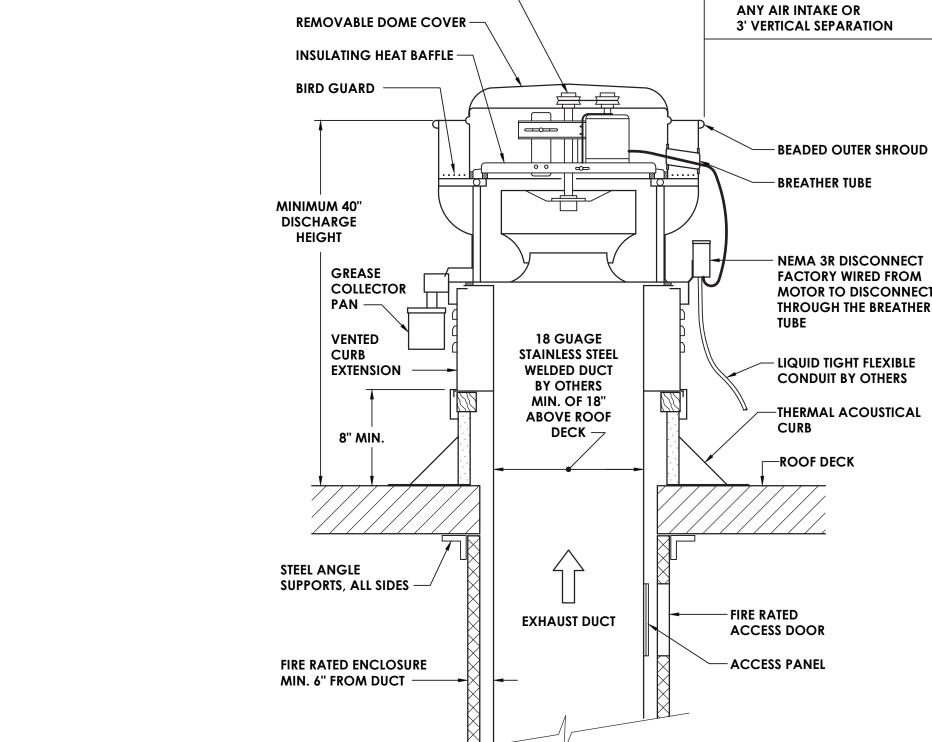
CENTRIFUGAL FAN WHEEL

BACKWARDLY INCLINED





- DUCT



- AIR CONDITIONING UNIT

AHU CONDENSATE TRAP DETAIL

THIS DIMENSION (INCHES)

MUST BE GREATER THAN

STATIC PRESSURE OF AC

**UNIT (INCHES OF WATER** 

- THIS DIMENSION (INCHES) MUST BE GREATER THAN

1/2 STATIC PRESSURE OF AC UNIT (INCHES OF WATER GAUGE)

GAUGE)

— 1" WATER SEAL

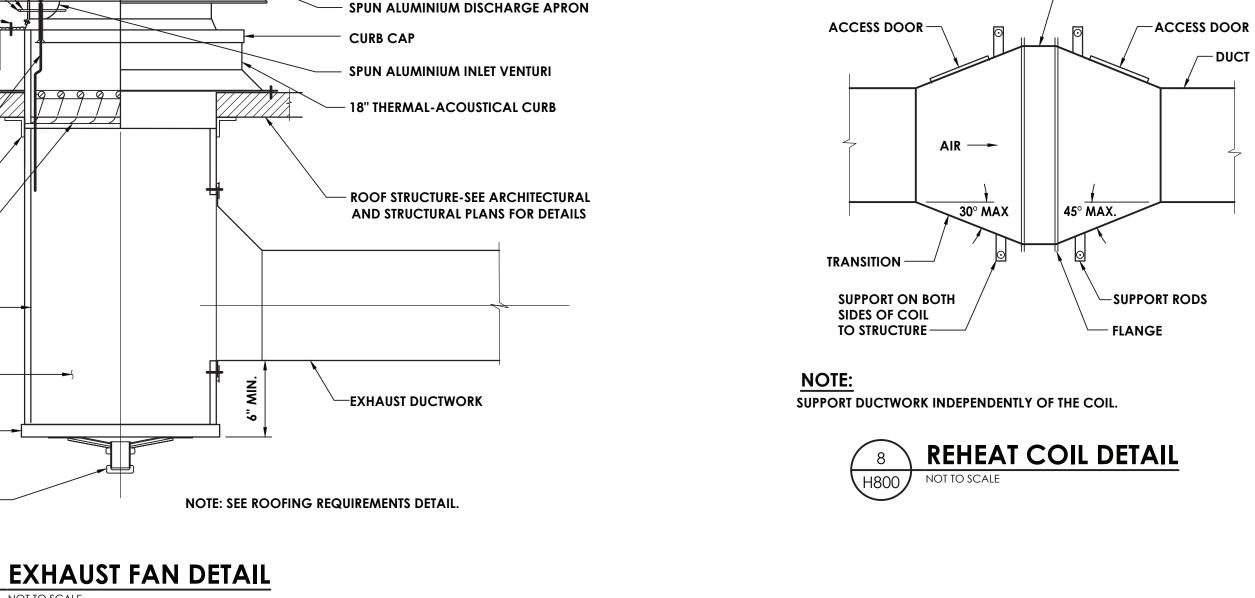
-DRAIN PAN PITCHED **TOWARDS UNIT** 

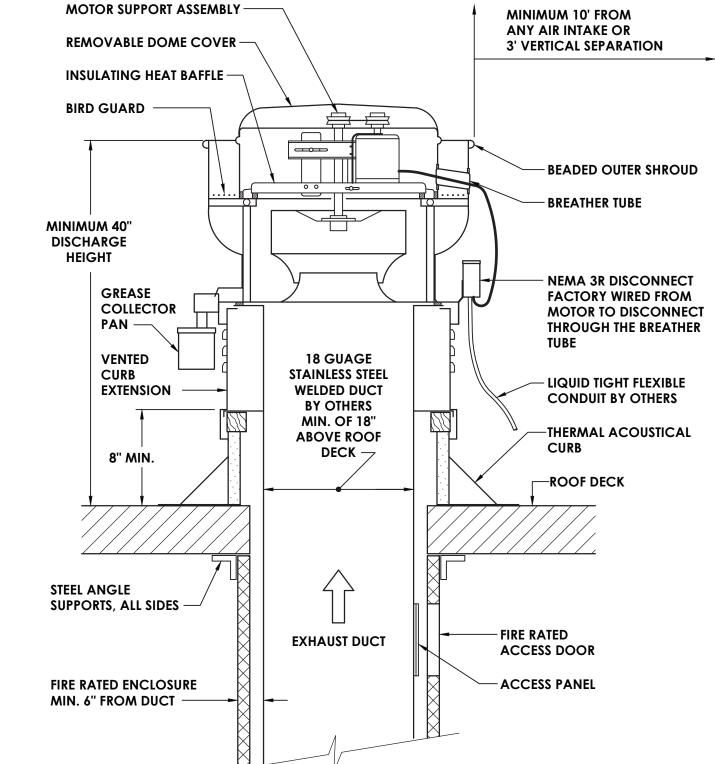
DRAIN PIPE TO

MATCH DRAIN

**OUTLET SIZE** 













**VIBRATION** 

**ELIMINATOR** -

MANUAL RESET

FIRESTAT —

**ELECTRICAL** CONDUIT GUIDE -

**NON-FERROUS** 

**FASTENER TO PERMIT** 

DOME REMOVAL FOR

ACCESS TO MOTOR —

SCREEN ALL AROUND —

**ALUMINIUM BIRD** 

STATIC PRESSURE

PLASTIC CAP —

PROBE-1/4" TUBING

SECURE FAN TO CURB

12" O.C. ALL AROUND -

FOAM-RUBBER GASKET

APPLIED TO UNDERSIDE
OF FAN CURB CAP

**RUN POWER SUPPLY** 

SUPPORTS, ALL SIDES -

**MOTORIZED DAMPER** 

ACOUSTICAL LINING

**FULL SIZE OF EXHAUST** 

FAN THROAT SIZE -

2" SOLDERED JOINT WATERPROOF PAN -

DUCTMATE MODEL METU

3/4" MPT DRAIN FITTING AND CAP CHROME PLATED BRASS

N800

LEADS IN CORNER

INSIDE CURB -

STEEL ANGLE

**LOW LEAK** 

WITH S/M SCREWS

H800,

14426.04 DRAWING NUMBER

PROJECT NUMBER

DRAWN CHECKED

05/04/2021 BKM

SCALE AS NOTED

**HVAC DETAILS** 

SHEET TITLE

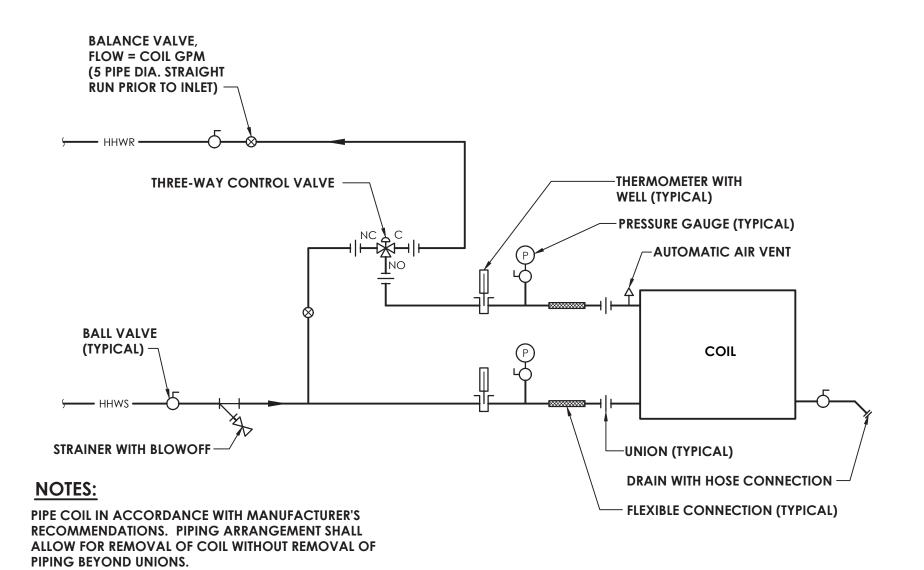
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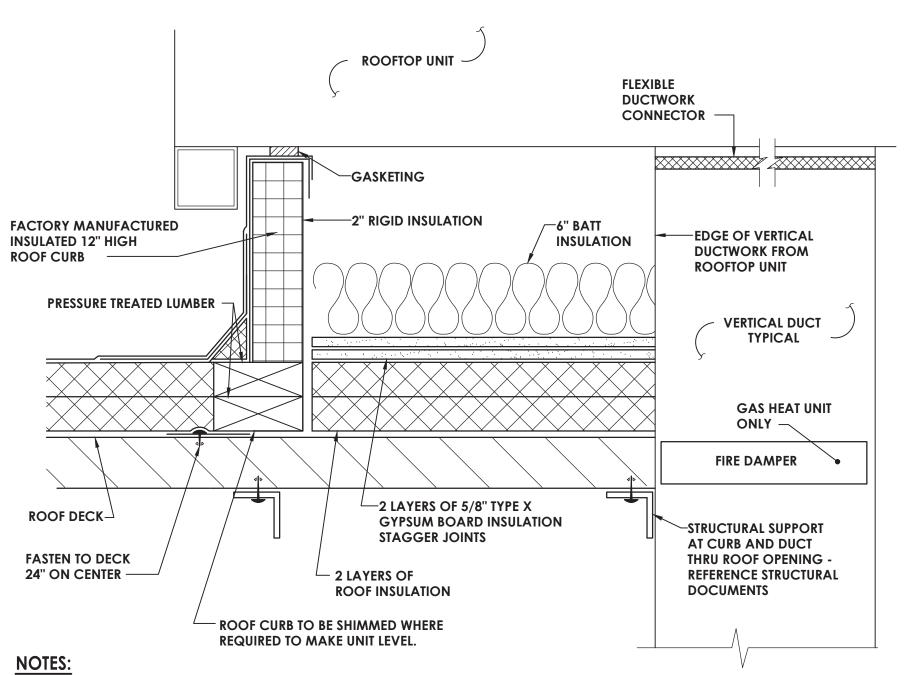
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DUCTWORK COIL PIPING SCHEMATIC

H801 NOT TO SCALE

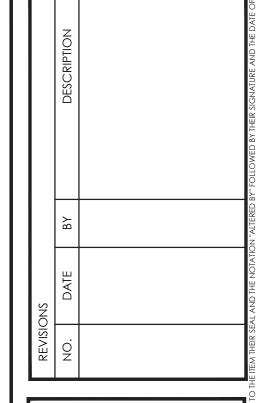


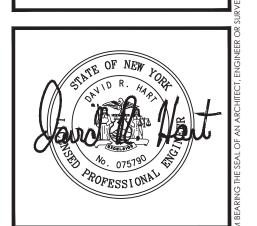
1) ALL ROOF TOP HVAC UNITS REQUIRED TO HAVE CURB AND CURB INTERIOR AS SHOWN.





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ELLENVILLECENTRAL SCHOOL DISTRICT

2020 CAPITAL IMPROVEMENT PROJECT

VOLUME 1

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SCALE AS NOTED

SCALE AS NOTED
SHEET TITLE

HVAC DETAILS

PROJECT NUMBER

<u>EES</u> H801

DRAWING NUMBER

2. INSTALL HOT GAS REHEAT LINE PER MANUFACTURER'S RECOMMENDATIONS

3. PROVIDE BACNET CONTROLLER AND CONNECT TO EXISTING BMS

																	AIR	HAND	LING	UNIT S	SCHED	JLE															
								FANS										DX COIL						ELECTRIC	CAL DATA			ENERGY RE	COVERY WHE	:FI			REHE/	AT COIL			
		NOM			SUPPLY FA	۸N				EXHAUST F.	AN					COOLING					HE	TING		LLLOTTAG	TIL BITTI			ENERGINE	OOVERT WILE				I TALLIE	THE COLL	UNIT	TVDICAL LINIT MEC	
MARK	LOCATION	TONS			ESP	FANI				ESP			TOTAL	CENIC	EA <sup>-</sup>	Г°F	LA	T°F		TOTAL	EAT°F	LAT°F					SUMMER			WIN	TER			LAT	WEIGHT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS
			CFM	OA CFM	(IN. W.C.)	FAN RPM	BHP / HP	CFM	OA CFM	(IN. W.C.)	FAN RPM	BHP / HP	MBH	SENS -	DB	WB	DB	WB	AMB °F	MBH	DB	DB	AMB °F	VOLT/Ø	MCA	OA RA (DB/WB) (DW/W	B) EA (DB/WE	SA (DB/WB)	OA (DB/WB)	RA (DW/WB)	EA (DB/WB)	SA (DB/WB)	MBH	(DB/WB)	(250)		
RTU-1	CAFETERIA ROOF	16	7500	2150	1.5	1510	6.26/7.5	7500	1700	1.5	1619	3.77/7.5	241.6	201.6	77.3	63.6	52.7	52.6	95	161	60.5	80.1	2	208/3	121.2	94/73 75/62	83/66.3	77.3/63.6	2/1	68/51.5	41.8/37.3	60.5/47.8	140.7	70	4153	DAIKIN DPS020A	1,2
RTU-2	CAFETERIA ROOF	16	7500	2150	1.5	1510	6.26/7.5	7500	1700	1.5	1619	3.77/7.5	241.6	201.6	77.3	63.6	52.7	52.6	95	161	60.5	80.1	2	208/3	121.2	94/73 75/62	83/66.3	77.3/63.6	2/1	68/51.5	41.8/37.3	60.5/47.8	140.7	70	4153	DAIKIN DPS020A	1,2
REMARKS:	1. PROVIDE FAC	CTORY MOL	NTED DISC	ONNECT S	WITCH			•																													

											AIR HA	NDLING	3 UNIT	SCHED	ULE										
		NOM.			SUPP	LY FAN					C	OOLING COIL						HOT WAT	TER COIL		E	LECTRICAL DATA	UNIT	TYPICAL UNIT MFG	
MARK	LOCATION	TONS	CFM	OA CFM	ESP	TSP (IN	FAN RPM	BHP / HP	TOTAL	SENS	EA	√T°F	LA	T°F	AMB °F	TOTAL MBH	GPM	EAT°F	LAT°F	EWT°F	LWT°F	VOLT/Ø	WEIGHT (LBS)	& MODEL NO.	REMARKS
			CFIVI	OA CFIVI	(IN. W.C.)	W.C.)	FAIN REIVI	опе / пе	MBH	MBH	DB	WB	DB	WB	AIVID F	TOTAL WIDT	GFIVI	DB	DB		LVVIF	VOLIND	,		
AHU-1	MECHANICAL ROOM	10	4000	800	1	2.89	3650	2.98/5	139	99	78	65	55.3	53.4	92	74.5	7	63	80	180	158.7	200/3	1552	DAIKIN CAH009GDGM	1
REMARKS:	1. PROVIDE FACTOR	/ MOUNTED D	ISCONNECT S	SWITCH																					

3. PROVIDE GREASE TRAP

 4. PROVIDE MAGNETIC STARTER

									MAK	KE UP A	AIR UNIT	SCHE	DULE								
			FAN I	DATA		E	LECTRICAL DAT	ГА			HEATING DATA				CO	OLING (DX)					
MARK	NOM. CFM	NOM.	EXT	TOTAL	LID	VOLT	PHASE	HZ	TEM	MP (°F)	COIL TYPE	TEMP	CAPACITY	TEMF	P (°F)	CAPAC	ITY (MBH)	FED	WT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
		RPM	SP (IN. WC)	SP (IN. WC)	HP	VOLT	PHASE	ΠZ	ENT	LVG	COIL TYPE	RISE (°F)	(KW)	ENT (DB/WB)	LVG (DB/WB)	TOTAL	SENSIBLE	EER			
MUA-1	1136	2203	0.5	0.739	0.5	208	3	60	-2	66.1	ELECTRIC	68.1	24.5	88.3/74.2	62.9/60	57.8	31.8	13.3	2072	GREENHECK MSX-P109-H12-MF-5	1, 2
REMARKS:	1. PROVIDE FA	CTORY MOUN	TED DISCONNEC	T.																	
	2. PROVIDE MA	GNETIC STAF	RTER FOR FANS								_				_	·				_	_

							FIN TU	BE SCH	<del>I</del> EDULI	E					
	FIN SIZE (W				EIN I ENCTU		HOT V	VATER			E	NCLOSURE		TYDICAL LINIT MEC	
MARK	X H)	FINS PER FT.	FIN TYPE	TIERS	FIN LENGTH (FT)	FLOW (GPM)	BTUH	EWT (F°)	LWT (F°)	HEIGHT (IN.)	DEPTH (IN.)	MOUNT HEIGHT (IN.)	STYLE	TYPICAL UNIT MFG & MODEL NO.	REMARI
ME-FT-1	3-5/8X4-1/4	32	CU/AL	1	20	0.5	16200	180	160	14	5 5/16	4	SLOPE OUTLET	STERLING JVB-ARS14 C3/4-433	1, 2
REMARKS:	1. PROVIDE ACCES	SS DOOR IN EN	CLOSURE AS N	ECESSARY FO	R ACCESS TO	SHUTOFF VALVE	E, CONTROL V	ALVE, AND ACC	ESSORIES.	-					
	2. ENCLOSURE CO	LOR TO BE SEL	ECTED BY ARG	CHITECT.											

		OU <sup>.</sup>	TSIDE AIR CA	ALCULATION	S					
				TOTAL						
			Occupant	OCCUPANCY	O.A. PER	O.A. PER				
		TOTAL	Density	FOR	PERSON	SQ. FT.	Vbz		Voz=Vot	
Space	Occupancy Classification	SQ. FT.	#/1000sq.ft.	VENTILATION	(CFM)	(CFM)	(CFM)	Ez	(CFM)	Required Exhaust
LIBARAY 307	LIBRARY	3500	10	35	5	0.12	595	0.8	744	
LIBRARY OFFICE	OFFICE SPACE	120	5	3	5	0.06	22	0.8	28	
LIBRARY READING ROOM	CONFERENCE ROOM	170	50	9	5	0.06	55	0.8	69	<b>~</b>
CAFETERIA	CAFETERIA, FAST FOOD	4000	100	400	7.5	0.18	3720	0.8	4650	3
KITCHEN	KITCHEN	1075			·····			<del></del>	·····	752.5

2. PROVIDE BACNET CONTROLLER AND CONNECT TO EXISTING BMS

					FAN	SCHE	DULE						
MARK	LOCATION	SERVICE	TYPE	ROOF	CFM	SP	DIAMETER	RPM	ELI	ECTRICAL DATA	4	TYPICAL UNIT MFG	REMARKS:
WARK	LOCATION	SERVICE	ITPE	OPENING (IN.)	CFIVI	IN W.G.	(IN.)	KEW	BHP / HP	VOLTS	PHASE	& MODEL NO.	REWARKS.
KEF-1	CAFETERIA ROOF	KITCHEN HOOD	UPBLAST	18.5X18.5	1418	1.25	29	1416	.54/.75	208	1	GREENHECK CUE-141-VG	1, 3, 4
EF-1	CAFETERIA ROOF	CAFETERIA BATHROOM	DOWNBLAST	10.5X10.5	100	0.25	20	1175	.01/.06	115	1	GREENHECK CUE-070-VG	1, 2
EF-2	CAFETERIA ROOF	KITCHEN	UPBLAST	18.5X18.5	800	0.35	29	783	.09/.25	115	1	GREENHECK CUE-141-VG	1, 3
EF-3	LIBRARY ROOF	LIBRARY	DOWNBLAST	14.5X14.5	800	0.3	28	826	.06/.25	115	1	GREENHECK G-133-VG	1,2
EF-4	LIBRARY ROOF	LIBRARY	DOWNBLAST	26.5X26.5	3200	0.4	43	565	.43/.5	115	1	GREENHECK GB-220	1,2
REMARKS:	1. PROVIDE FACTO	ORY MOUNTED DISCO	NNECT SWITCH		•	•		•		•	•		
,	2. PROVIDE BACK	DRAFT DAMPER											

				AIR CO	OLED CON	NDEN:	SER UNIT S	SCHE	DULE				
							ELECTRIC	CAL DATA		OPERATING			
MARK	LOCATION	REFRIGERANT	SERVES	NOMINAL TONS	REFRIGERANT CIRCUITS	SST °F	COMPRESSOR	VOLTIG	MCA	WEIGHT	EER	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
							QTY	VOLT/Ø	MCA	(LBS.)			
ACCU-1	OUTSIDE MECHANICAL ROOM	R-410A	AHU-1	10	1	44	2	208/3	46.4	345	11.2	DAIKIN DX11TA1203	*
REMARKS:	1.			•				•	•	•			•

					НО	T WAT	ER COI	L SCH	EDULE					
				AIR DATA				WATE	R DATA					
MARK	SERVICE	CFM	TEMI	P (°F)	MAX APD	MIN.	CFM	TEM	P (°F)	MAX APD	MFG SIZE HxL (IN.)	ROWS	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
		CFIVI	ENT	LVG	(IN. WC)	MBH	CFIVI	ENT	LVG	(IN. WC)			G 0 2 = 2 . 1 0 .	
HC-1	RTU-1	7500	48	89.1	0.51	337.2	7500	180	160.4	2.9	42X36	2	DAIKIN 5WH1002A	
HC-2	RTU-2	7500	48	89.1	0.51	337.2	7500	180	160.4	2.9	42X36	2	DAIKIN 5WH1002A	
REMARKS:	1.				-		-							-

			LOUV	ER SCHE	DULE			
MARK	LOCATION	SERVICE	FREE AREA (SQ. FT.)	CFM	SP (IN. WG)	SIZE W&H (IN.)	TYPICAL UNIT MFG. & MODEL NO.	REMARKS:
L-1	MECHANICAL ROOM WALL	AHU-1	6.4	4000	0.05	56X36	GREENHECK EAC-601	
REMARKS:	1.							

	RI	EGISTER	S, GRILI	LES, AN	ND DIFF	USERS	
MARK	APPLICATION	MATERIAL	TYPE	FINISH	SIZE	DESIGN EQUIP.	REMARKS
D-1	SUPPLY	STEEL	LAY IN	WHITE	24X24	PRICE SCD	
D-2	SUPPLY	STEEL	LAY IN	WHITE	12X12	PRICE SCD	
G-1	RETURN/EA	STEEL	LAY IN	WHITE	24X24	PRICE PDDR	
G-2	RETURN/EA	STEEL	LAY IN	WHITE	24X24	PRICE PFRF	
G-3	RETURN/EA	STEEL	LAY IN	WHITE	12X12	PRICE PDDR	
REMARKS:	1.						



50 FRONT STREET, SUITE 202 NEWBURGH, NEW YORK 12550 TEL (800) 274-9000

		REVISIONS	DESCRIPTION	
			ВУ	
			DATE	
			ON	



ELLENVILLECENTRAL SCHOOL DISTRICT

2020 CAPITAL IMPROVEMENT PROJECT

VOLUME 1

ES LIBRARY RELOCATION & CAFETERIA ADDITION

ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE DRAWN CHECKED
05/04/2021 BKM AS

SCALE AS NOTED

SHEET TITLE

HVAC SCHEDULES

PROJECT NUMBER

EES H900