STATE OF CONNECTICUT



GOVERNOR NED LAMONT

DEPARTMENT OF ADMINISTRATIVE SERVICES CONNECTICUT STATE LIBRARY JOSH GEBALLE COMMISSIONER

LIBRARY FOR THE BLIND AND PHYSICALLY HANDICAPPED 198 West Street, Rocky Hill, Connecticut 06067 HVAC REPLACEMENT

> PROJECT NO. BI-SS-117 JULY 22, 2019

ENGINEERS SALAMONE & ASSOCIATES, P.C. 116 NORTH PLAINS INDUSTRIAL ROAD WALLINGFORD, CT 06492 (203) 281-6895





CONTRACT DRAWINGS

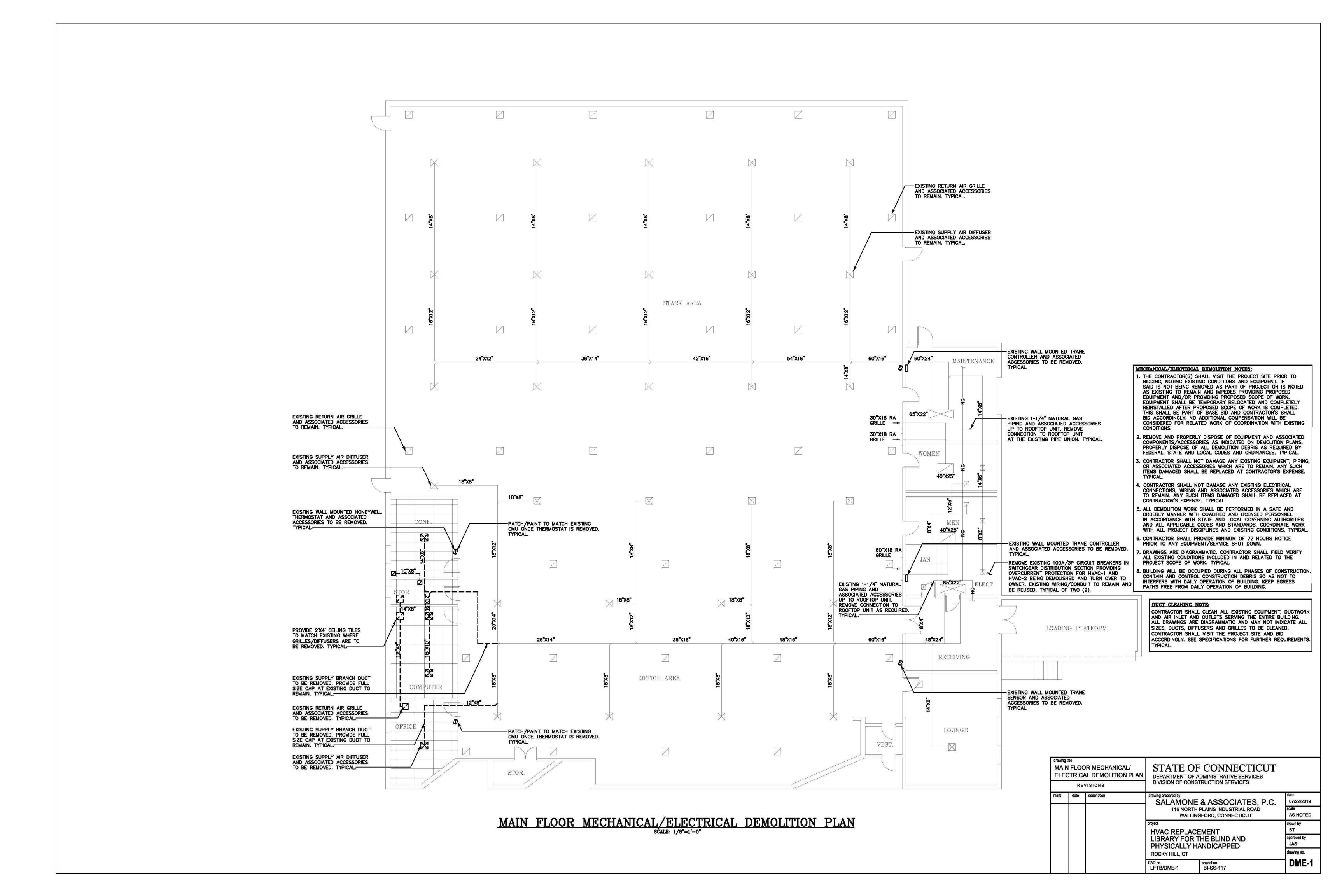
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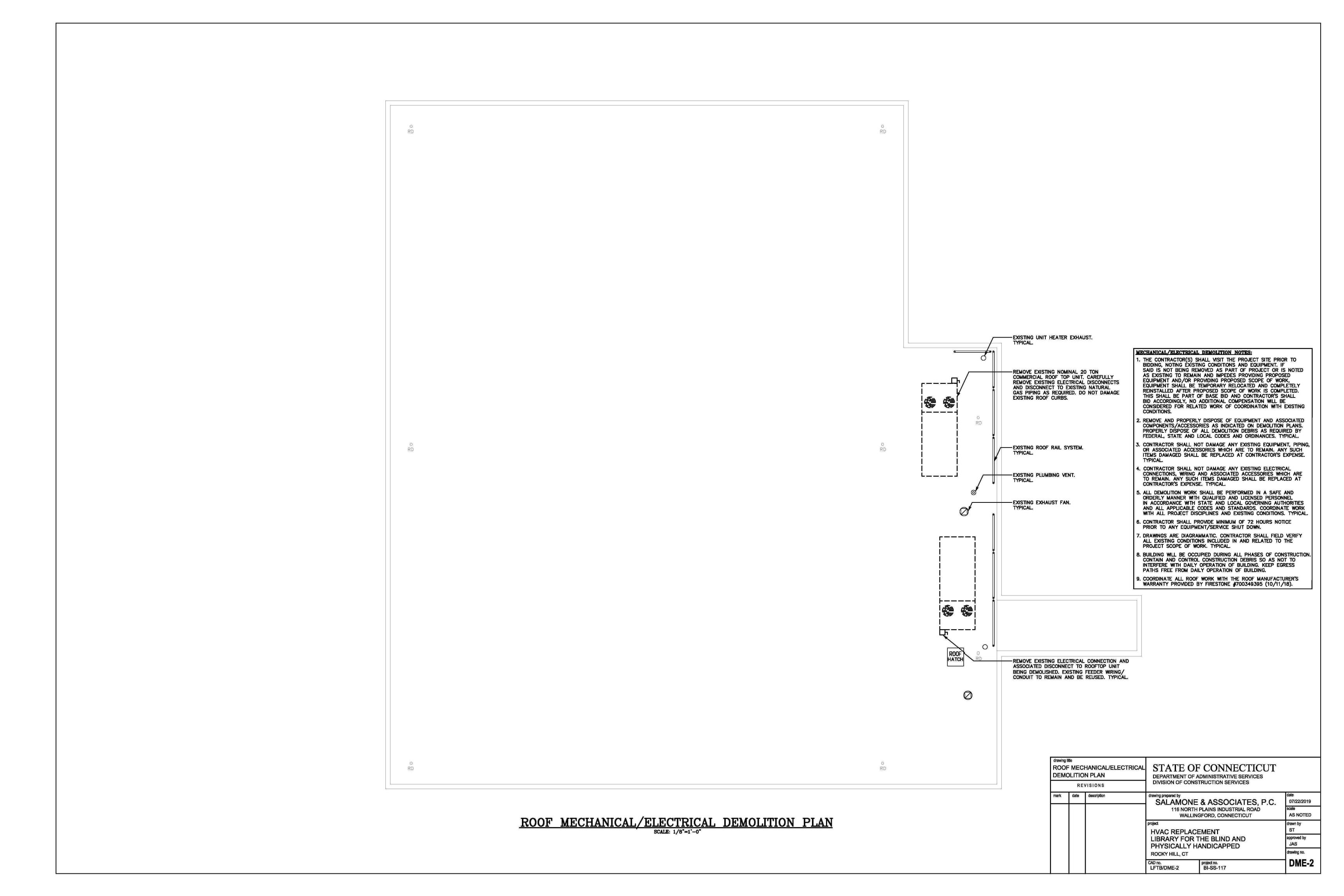
PROJECT SITE

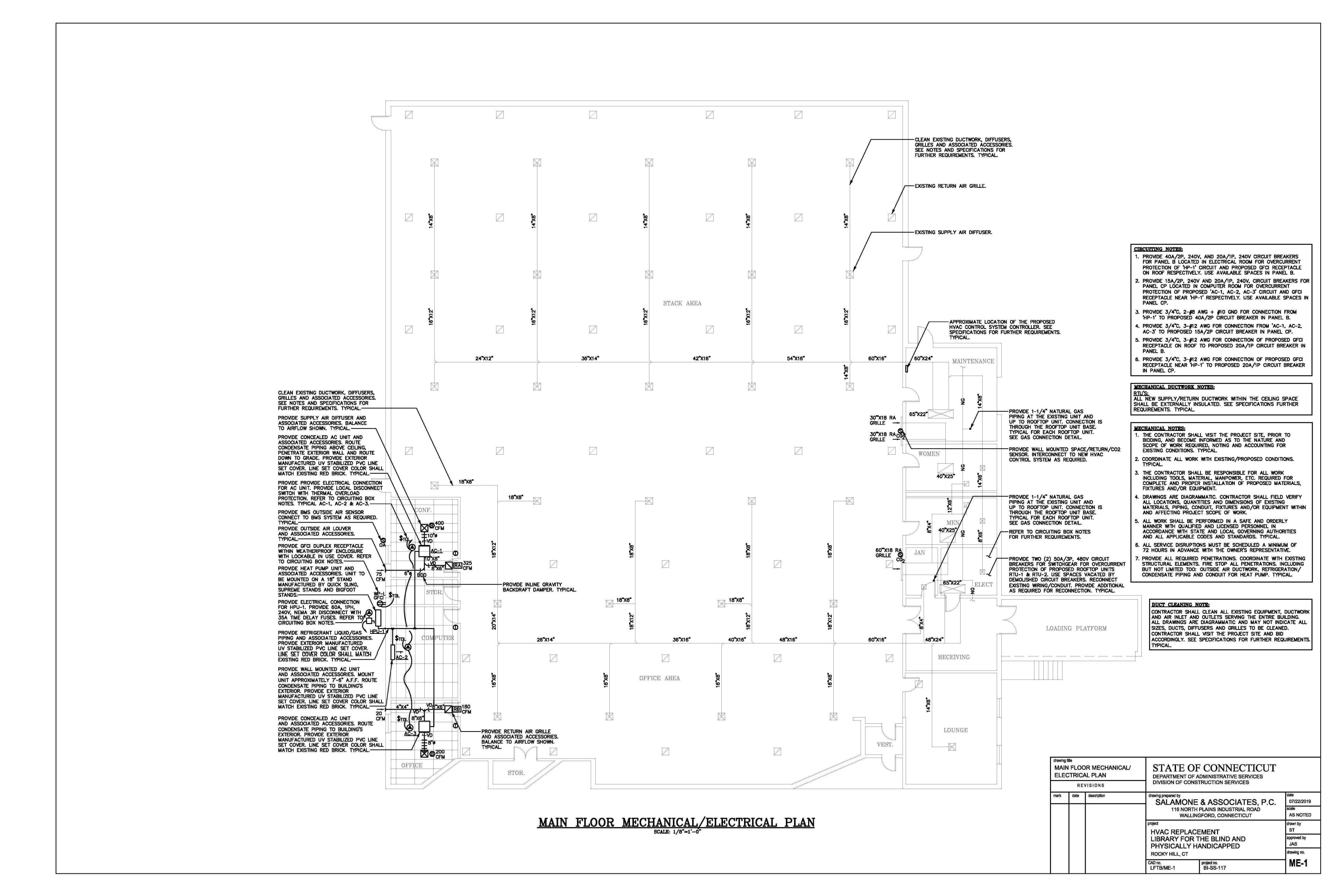
D.C.S BUILDING NUMBER

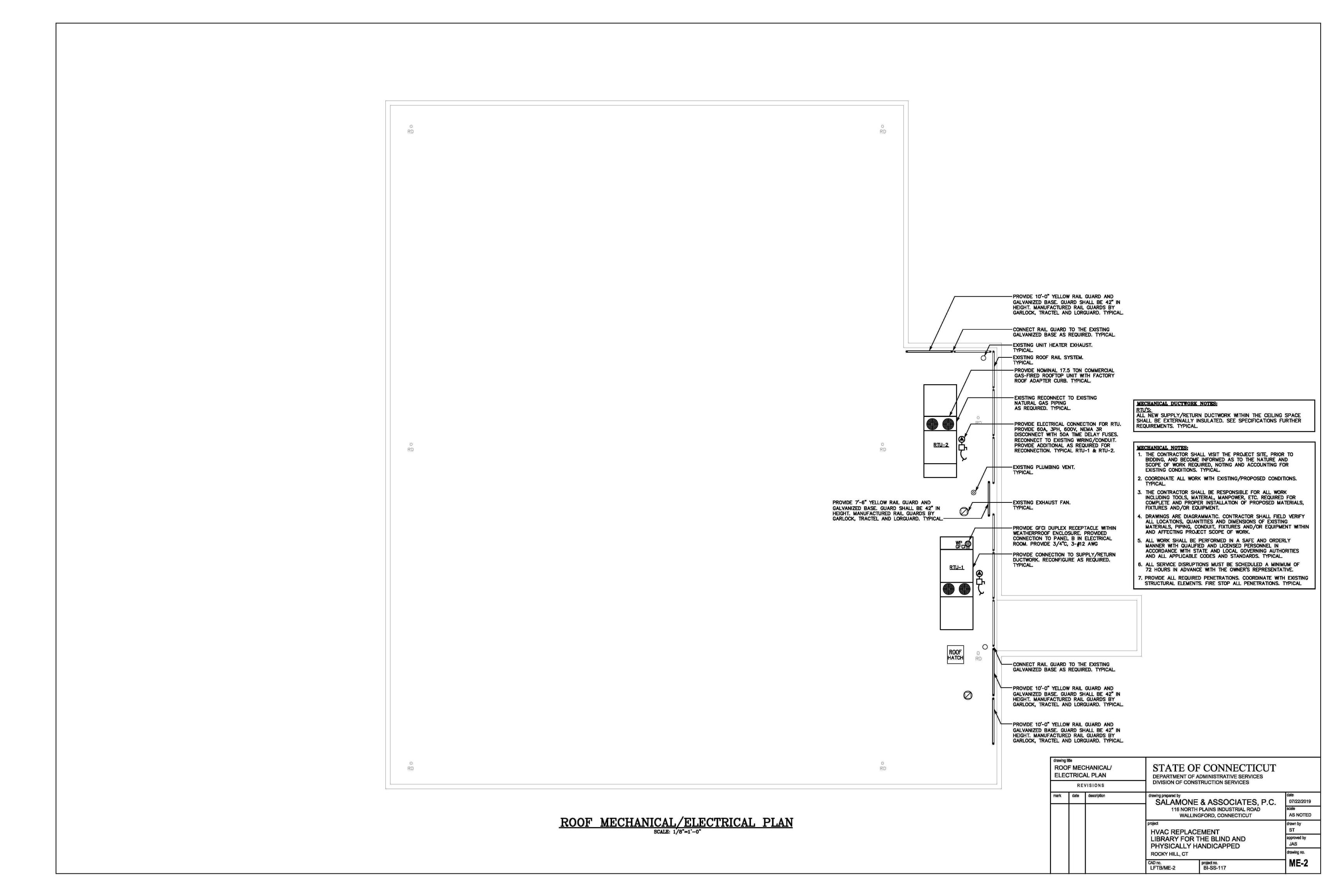


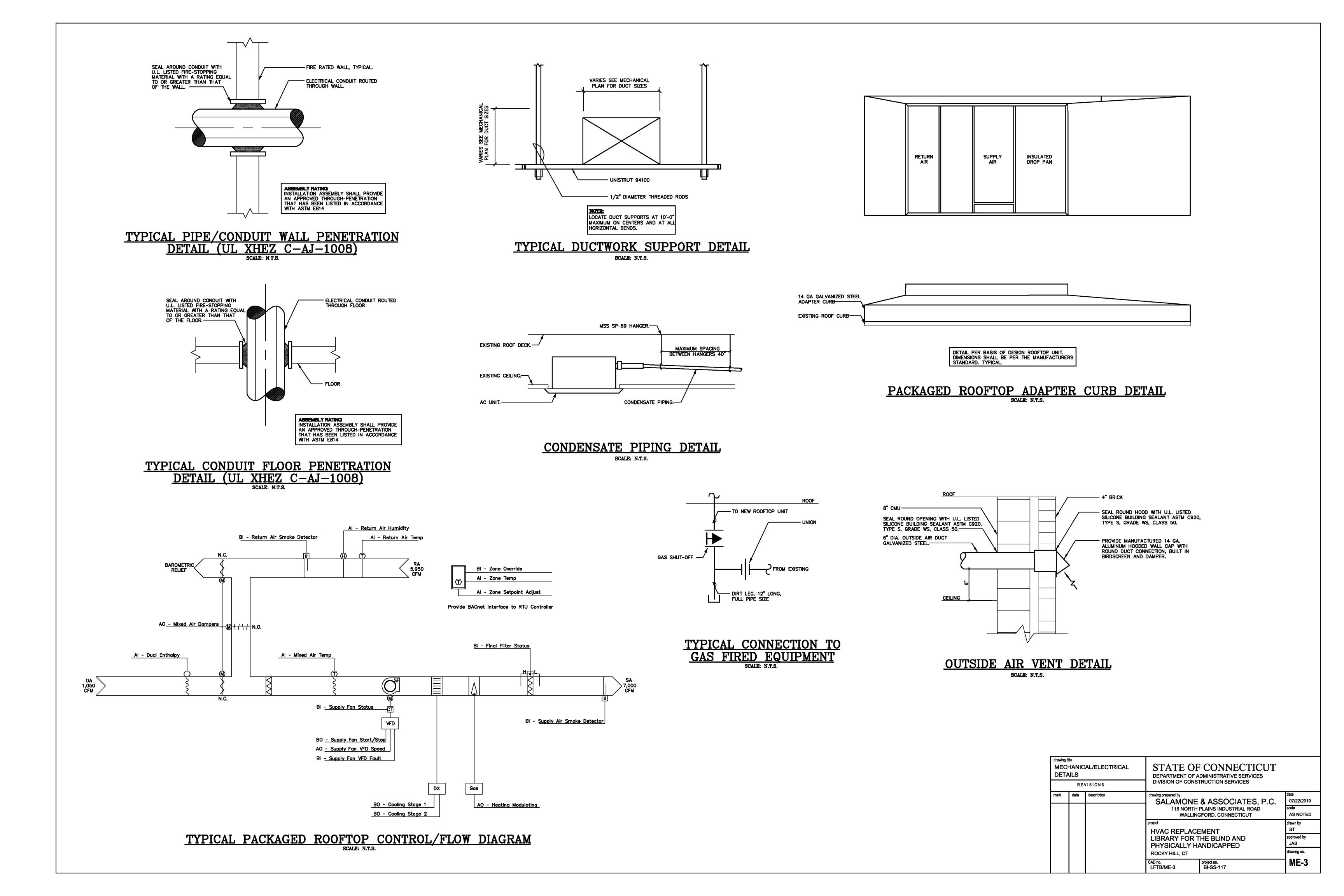
7.29.19











CODE DATA

INFORMATION BELOW BASED ON DRAWING A-1 DATED 8-18-1982 BY RUSSELL, GIBSON, VONDOHLEN ARCHITECTS.

USE GROUP: A-4, LIBRARY (ASSEMBLY)

CONSTRUCTION TYPE: 2C (NON COMBUSTIBLE UNPROTECTED)

ALLOWABLE AREA: 36,000 SQ. FT.

ACTUAL AREA: 18,330 SQ. FT.

ALLOWABLE HEIGHT: 2 STORIES, 30 FT.

ACTUAL HEIGHT: 1 STORY, 14 FT.

EXTERIOR WALLS: NO RATING REQUIRED. COLUMNS: 0 HOURS

ROOF CONSTRUCTION: 0 HOURS

OCCUPANCY: 183 PERSONS/ 32 ACTUAL ANTICIPATED SPRINKLER: NOT REQUIRED.

VRF SPLIT SYSTEM SCHEDULE						
UNIT NO.	HP-1	AC-1	AC-2	AC-3		
SERVICE	AC-1/AC-2/AC-3	HP-1	HP-1	HP-1		
LOCATION	GRADE	CONF.	COMPUTER	OFFICE		
CFM		265-371	570-920	212-300		
COOLING BTU'S	36,000	12,000	24,000	6,000		
HEATING BTU'S	42,000	13,500	27,000	6,700		
SEER	15.6/21.0					
ELECTRICAL CHARACTERISTIC (V/PH/HZ)	208/1/60	208/1/60	208/1/60	208/1/60		
APPROXIMATE OPERATING WEIGHT (LBS)	269	49	46	49		
DESIGN BASED MODEL	PUMY-P36NKMU1	PEFY-P12NMAU-E3	PKFY-P24NKMU-E2	PEFY-P06NMAU-E3		
DESIGN BASED MANUFACTURER	MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI		

INSTALL PER MANUFACTURERS INSTALLATION INSTRUCTIONS.

. PROVIDE THE FOLLOWING ACCESSORIES: FOUR SPEED FAN, WIRELESS REMOTE CONTROLLER KITS, LOW AMBIENT KIT AND CONDENSATE PUMPS. TYPICAL.

PROVIDE BACnet DEVICE PAC-UKPRC001-CN-1. TYPICAL

. COORDINATE REMOTE THERMOSTAT LOCATION WITH OWNER. TYPICAL.

PACKAGED ROOF-TOP UNIT SCHEDULE					
ROOF TOP UNIT NO.	RTU-1	RTU-2			
SERVICE	MAIN LEVEL	MAIN LEVEL			
LOCATION	ROOF	ROOF			
SUPPLY AIR FLOW (CFM)	7,000	7,000			
RETURN AIR FLOW (CFM)	5,950	5,950			
OUTSIDE AIR FLOW (CFM)	1,050	1,050			
TOTAL STATIC PRESSURE	1.642	1.642			
FAN MOTOR BHP	5.08	5.08			
COOLING COIL (TOTAL MBH)	198.23	198.23			
EER • ARI	12.2	12.2			
REFRIGERANT TYPE	R-410A	R-410A			
NATURAL GAS HEATING OUTPUT (MBH)	280	280			
HEATING ENTERING AIR TEMP (F)	70	70			
HEATING LEAVING AIR TEMP (F)	106	106			
HEATING STAGES	MODULATING	MODULATING			
LOCAL DISCONNECT	YES	YES			
ELECTRICAL CHARA. (V/PH/HZ)	460/3/60	460/3/60			
ECONOMIZER	YES	YES			
APPROXIMATE UNIT WEIGHT (LBS)	2636.0	2636.0			
DESIGN BASED MODEL	YZD210F4RVC	YZD210F4RVC			
DESIGN BASED MANUFACTURER	TRANE	TRANE			

. SEE SPECIFICATIONS/DRAWINGS FOR FURTHER REQUIREMENTS.

2. ALL ROOF-TOP UNITS SHALL BE SUPPLIED WITH THE FOLLOWING FACTORY SUPPLIED

ACCESSORIES, TYPICAL. A. 100% ECONOMIZER (DIFFERENTIAL ENTHALPY CONTROLLED)

B. THRU BASE ELECTRICAL C. BLACK EPOXY COATED CONDENSER COIL.

D. BAROMETRIC RELIEF.

E. LOW AMBIENT CONTROL F. VAV SUPPLY AIR TEMPERATURE CONTROL AND VFD.

G. DISCHARGE TEMPERATURE SENSOR.

H. STAINLESS STEEL BASE PANS. I. CLOGGED FILTER SWITCH.

J. BACNET INTERFACE TO NEW HVAC CONTROLS SYSTEM. K. CONDENSATE OVERFLOW SWITCH.

	REGIS	TER, (GRILI	LE AND I	DIFFUSER	SCHEDULE
AIR INLET/ OUTLINE TYPE	NEČK SIZE	TYPE	MAX. CFM	MANUFACTURER	MODEL	FINISH AND ACCESSORIES
A	9"x9"	4-WAY	200	PRICE	AMDE	SEE NOTES BELOW
®	12"x12"	4-WAY	400	PRICE	AMDE	SEE NOTES BELOW
RA	14"x10"	RETURN	325	PRICE	80	SEE NOTES BELOW
RB	10"x8"	RETURN	180	PRICE	80	SEE NOTES BELOW

1. ALL AIR INLETS AND OUTLETS SHALL BE CONSTRUCTED OF EXTRUDED ALUMINUM. TYPICAL.

2. PROVIDE MANUFACTURER ACCESSORY OPPOSED BLADE DAMPER.

MECHANICAL ABBREVIATIONS ACCESS DOOR AIR FILTER AFF ABOVE FINISHED FLOOR AMPERE BDD BACK DRAFT DAMPER BHP BRAKE HORSE POWER BTU BRITISH THERMAL UNIT BTUH BRITISH THERMAL UNIT/HOUR CENTRIF CENTRIFUGAL CFM CUBIC FEET PER MINUTE DRY BULB EAT ENTERING AIR TEMPERATURE ESP EXTERNAL STATIC PRESSURE FD FIRE DAMPER FROM FINISHED FLOOR FPM FEET PER MINUTE **FPS** FEET PER SECOND FT GPM GALLONS PER MINUTE HORSEPOWER HEIGHT INSIDE DIAMETER INCHES LENGTH LAT LEAVING AIR TEMPERATURE LVR LOUVER LWT LEAVING WATER TEMPERATURE MAX MAXIMUM MBH THOUSAND BTU/HOUR MINIMUM NATURAL GAS NG NTS NOT TO SCALE OUTSIDE AIR OA OBD OPPOSED BLADE DAMPER PRV PRESSURE RELIEF VALVE **PSIA** POUNDS PER SQUARE INCH ABSOLUTE PSIG POUNDS PER SQUARE INCH GAUGE RELATIVE HUMIDITY RPM REVOLUTIONS PER MINUTE SENS SENSOR SUPPLY FAN SMOKE DETECTOR SP STATIC PRESSURE TEMP TEMPERATURE TONS TONS OF REFRIGERATION

ELECTRICAL GENERAL NOTES

- 1. INSTALLATION SHALL COMPLY WITH NEC & ALL APPLICABLE CODES/STANDARDS. 2. PROVIDE A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM INCLUDING ALL NECESSARY MATERIAL, LABOR AND EQUIPMENT.
- MECHANICAL/ELECTRICAL PLANS AND DETAILS AND SHOW THE GENERAL LOCATION AND ARRANGEMENT OF THE ELECTRICAL SYSTEM. THEY ARE DIAGRAMMATIC AND DO NOT SHOW ALL CONDUIT BODIES, CONNECTORS, BENDS, FITTINGS, HANGERS AND ADDITIONAL PULL AND JUNCTION BOXES
- . ALL EQUIPMENT AND MATERIAL SHALL BE LABELED, LISTED AND INSTALLED IN ACCORDANCE WITH THEIR LISTING. . THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR
- ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.
- 5. ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.
- 7. THE DEFINITION OF ELECTRICAL TERMS USED SHALL BE AS DEFINED IN THE 2017 EDITION OF THE NATIONAL ELECTRICAL CODE (NEC).
- 8. THE TERM "INDICATED" SHALL MEAN "AS SHOWN ON CONTRACT DOCUMENTS (SPECIFICATIONS, DRAWINGS AND RELATED ATTACHMENTS)".
- 9. THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL AND CONNECT COMPLETELY".
- 10. THE TERM "SIZE" SHALL MEAN ONE OR MORE OF THE FOLLOWING: "LENGTH, CURRENT AND VOLTAGE RATING, NUMBER OF POLES, NEMA SIZE AND OTHER SIMILAR ELECTRICAL CHARACTERISTICS".
- THE TERM "SPACE" ON PANELBOARD AND SWITCHBOARD SCHEDULES SHALL MEAN "PROVIDE SPACE TO INSTALL THE NUMBER OF POLES AND SIZE OF THE PROTECTIVE DEVICE INDICATED WITH ALL NECESSARY BUS AND FITTINGS TO INSTALL THE DEVICE AT SOME FUTURE DATE.
- 12. ELECTRICAL PLANS AND DETAILS DO NOT SHOW ALL INTERFERENCES AND CONDITIONS, VISIBLE AND/OR HIDDEN, THAT MAY EXIST; THUS REQUIRING THE CONTRACTOR TO INSPECT AND SURVEY THE SPACE BEFORE PERFORMING
- 13. COORDINATE ELECTRICAL WORK WITH OWNER.
- 14. COORDINATE ELECTRICAL WORK WITH OTHER DIVISIONS OF THIS PROJECT. 15. TURN OVER TO THE OWNER ALL MANUFACTURERS WARRANTIES FOR
- EQUIPMENT AND MATERIAL PROVIDED. 16. UNLESS OTHERWISE INDICATED, ALL ENCLOSURES FOR EQUIPMENT PROVIDED
- SHALL BE NEMA TYPE 1.
- 17. UNLESS OTHERWISE INDICATED, ALL CONDUCTORS TO BE COPPER THHN/THWN-2. 18. UNLESS OTHERWISE INDICATED, ALL OUTLET AND SWITCH BOXES TO BE CAST
- IRON WITH THREADED HUBS. 19. IN INTERIOR PROTECTED LOCATIONS, OUTLET AND SWITCH BOXES MAY BE
- 20. UNLESS OTHERWISE INDICATED, PROVIDE HEAVY-DUTY GRADE, 20 AMPERE, RECEPTACLES AND SWITCHES. PROVIDE COVER PLATES MATCHING DEVICE COLOR. COVER PLATES FOR SURFACE MOUNTED INTERIOR BOXES IN UNFINISHED AREAS SHALL BE STAMPED STEEL. PLATES EXPOSED TO WEATHER/ WATER TO BE GASKETED, WEATHERPROOF TYPE. COLOR BY OWNER.
- BEFORE SELECTING MATERIAL AND EQUIPMENT, AND PROCEEDING WITH WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY, AND CHECK NEEDED SPACE FOR PLACEMENT, CLEARANCES AND INTERCONNECTIONS.
- 22. BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS, INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.
- 23. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2017 NATIONAL ELECTRIC CODE (NEC) ANSI/NFPA 70 WITH STATE OF CONNECTICUT AMENDMENTS.
- 4. THE MEASUREMENT FROM ABOVE FINISHED FLOOR (AFF) SHALL BE TAKEN FROM THE FINISHED FLOOR SURFACE TO THE TOP OF WALL RECEPTACLES AND SWITCH BOXES. TO THE CENTER LINE OF WALL LIGHTING OUTLET BOXES, TO THE TOP OF WALL MOUNTED EQUIPMENT ENCLOSURES, TO THE CENTER LINE OF THE TOP MOST SWITCH HANDLE, OR TO THE LOWEST SURFACE OF CEILING LIGHTING FIXTURES OTHER CEILING MOUNTED EQUIPMENT.
- 25. UNLESS OTHERWISE INDICATED, ALL CONDUCTORS ARE NO. 12 AWG.
- 26. CONDUIT SIZE FOR INDICATED CONDUCTORS SHALL BE BASED ON CHAPTER 9 OF NEC.
- 27. THE CONTRACTOR MAY GROUP BRANCH CIRCUIT HOME RUN CONDUCTORS IN A SINGLE RACEWAY IN ACCORDANCE WITH NEC. 28. ALL BLANK COVER PLATES TO BE STAINLESS STEEL.

FIECTRICAL ARREVIATIONS

	ELECTRICAL ABBREVIATIONS					
	A	AMPERES				
ı	A.F.F.	ABOVE FINISHED FLOOR				
ı	AWG	AMERICAN WIRE GAUGE				
ı	С	CONDUIT				
ı	CIR	CIRCUIT				
ı	E	EMERGENCY				
ı	FA	FIRE ALARM				
ı	FAAP	FIRE ALARM ANNUNCIATOR PANEL				
ı	FACP	FIRE ALARM CONTROL PANEL				
ı	FT	FEET				
ı	G	GROUNDED				
ı	HP	HORSEPOWER				
ı	KAIC	INTERRUPTING CAPACITY (KILOAMPERE)				
ı	KVA	KILOVOLT-AMPERE				
ı	KW	KILOWATT				
ı	LTG	LIGHTING				
ı	NEC	NATIONAL ELECTRIC CODE				
ı	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASS.				
ı	NIC	NOT IN CONTRACT				
ı	Р	POLE				
ı	RM	ROOM				
ı	UL	UNDERWRITER'S LABORATORY				
ı	UTIL	UTILITY				
ı	٧	VOLTS				
ı	VA	VOLT-AMPERES				
ı	W	WATTS				
ı	#	WRE SIZE IN AWG. OR MCM WHEN INDICATED				
ı	Ħ	THE SIZE IN ATO, OR MOM THEN INDICATED				

MECHANICAL SYMBOL LIST				
	NEGATIVE PRESSURE OR AIR INLET DUCTWORK			
	POSITIVE PRESSURE OR AIR OUTLET DUCTWORK			
 	DUCT WORK			
***************************************	FLEXIBLE DUCT WORK			
FD/AD	FIRE DAMPER WITH ACCESS DOOR			
(A)	SUPPLY DIFFUSER GRILLE TYPE			
RA	RETURN GRILLE TYPE			
Ø	DIAMETER			
	DUCTWORK			
①⑤	THERMOSTAT/SENSOR			
	VOLUME DAMPER			
0+	PIPE ELBOW, TURNED UP			
C+	PIPE ELBOW, TURNED DOWN			

MECHANICAL GENERAL NOTES

- 1. REFER TO SPECIFICATIONS AND BID DOCUMENTS FOR ADDITIONAL CONTRACT
- 2. MECHANICAL DRAWINGS TO BE USED IN CONJUNCTION WITH EXISTING CONDITIONS. NOTES BELOW ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO DRAWING NOTES.
- 4. DRAWINGS DO NOT NECESSARILY SHOW ALL RELATED WORK CONTRACTOR TO USE ALL DRAWINGS IN CONTRACT DOCUMENTS FOR DIVISION 23 MECHANICAL WORK.
- 5. UNLESS OTHERWISE INDICATED, PROVIDE A COMPLETE AND OPERATIONAL MECHANICAL/ELECTRICAL SYSTEM INCLUDING ALL NECESSARY MATERIAL, LABOR AND
- 6. MECHANICAL PLANS, DETAILS AND ONE LINE DIAGRAMS SHOW THE GENERAL LOCATION AND ARRANGEMENT OF THE SYSTEM. THESE ARE DIAGRAMMATIC AND DO NOT SHOW ALL BENDS, COUPLINGS, OFFSETS, VALVES, DRAINS, FITTINGS, HANGERS, CLEANOUTS AND ACCESS DOORS WHICH THE CONTRACTOR
- MUST PROVIDE TO COMPLETE THE SYSTEM.
- 7. PLANS AND DETAILS DO NOT SHOW ALL INTERFERENCES AND CONDITIONS, VISIBLE AND/OR HIDDEN, THAT MAY EXIST; THUS REQUIRING THE CONTRACTOR TO INSPECT AND SURVEY THE SPACE BEFORE PERFORMING THE WORK.
- 8. BEFORE SELECTING MATERIAL AND EQUIPMENT AND PROCEEDING WITH WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY, AND CHECK NEEDED SPACE FOR PLACEMENT AND CLEARANCES.
- D. BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS, INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.
- 10. LOCATE ALL EQUIPMENT WHICH REQUIRES SERVICING IN FULLY ACCESSIBLE POSITIONS. IF REQUIRED FOR BETTER ACCESSIBILITY, FURNISH ACCESS DOORS FOR THAT PURPOSE. MINOR DEVIATIONS FROM DRAWINGS ALLOWED FOR BETTER ACCESSIBILITY. ANY CHANGE SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL.
- COORDINATE WORK WITH OTHER DIVISIONS AND SPECIFICATIONS ON THIS PROJECT. 12. ALL WORK IN INTERIOR FINISHED SPACES IS TO BE CONCEALED BEHIND WALLS, ABOVE CEILINGS OR HUNG CEILINGS, OR UNDER THE FLOOR. PROVIDE ALL NECESSARY CUTTING, PATCHING, REPAINTING AND/OR REPLACEMENT OF CEILING TILES AS REQUIRED TO PERFORM WORK.
- 13. ALL EQUIPMENT REQUIRED TO BE LISTED OR APPROVED BY A TESTING LABORATORY SHALL BEAR A LABEL OF SUCH LABORATORY. 4. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.
- 15. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT RECOGNIZED:
- A. CONNECTICUT BUILDING CODE AND SUPPLEMENTS
- B. INTERNATIONAL ENERGY CONSERVATION CODE C. INTERNATIONAL PLUMBING CODE
- D. INTERNATIONAL MECHANICAL CODE E. NATIONAL ELECTRIC CODE
- 16. IF A MANUFACTURER OF EQUIPMENT REQUIRES LARGER CAPACITY CIRCUITRY AND/OR EQUIPMENT; THE CONTRACTOR SHALL PROVIDE SUCH CAPACITY AND/OR EQUIPMENT UNDER HIS CONTRACT AT NO COST TO THE OWNER.
- 17. IF A MANUFACTURER OF PROVIDED EQUIPMENT RECOMMENDS ACCESSORY(S)
 OR OPTION(S) FOR THE SUPPLIED EQUIPMENT; THE CONTRACTOR SHALL PROVIDE
 ACCESSORY(S) OR OPTION(S) UNDER HIS CONTRACT AT NO COST TO THE
- THE TERM "INDICATED" SHALL MEAN "AS SHOWN ON CONTRACT DOCUMENTS (SPECIFICATIONS, DRAWINGS AND RELATED ATTACHMENTS)".
- 19. THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL AND CONNECT COMPLETELY".
- 20. ISLE AND CORRIDOR WAYS THROUGH CONSTRUCTION AREAS WHICH ARE REQUIRED FOR EGRESS (NORMAL OR EMERGENCY) SHALL BE KEPT CLEAR OF MATERIAL, EQUIPMENT AND DEBRIS.
- 1. COORDINATE ALL WORK WITH THE OWNER'S REPRESENTATIVE.
- 22. PROVIDE ALL CRANES, RIGGING AND STREET STAGING, AND TRAFFIC CONTROL NEEDED TO INSTALL EQUIPMENT PROVIDED.
- 23. UNLESS OTHERWISE INDICATED, PROVIDE CONTROL WIRING FOR ALL MECHANICAL SYSTEM EQUIPMENT.
- 24. CONTRACTOR SHALL COORDINATE ELECTRICAL REQUIREMENTS OF MECHANICAL EQUIPMENT WITH DIVISION 26.
- 25. UNLESS OTHERWISE INDICATED, SUPPORT PIPES WITH HANGER SPACING IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE.
- 26. CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS FOR PIPE EXPANSION, CONTRACTION, SLOPE AND ANCHORAGE.
- 27. UNLESS OTHERWISE INDICATED, CONTRACTOR SHALL INSULATE ALL HVAC SYSTEM PIPING SYSTEMS AND HVAC SYSTEM SUPPLY AND RETURN DUCTWORK.
- 28. UNLESS OTHERWISE INDICATED, ALL DUCTWORK, PIPING AND WIRING SHALL BE CONCEALED ABOVE CEILINGS AND/OR IN WALLS.
- 29. PLANS DO NOT SHOW ALL EQUIPMENT, VALVES, FITTINGS AND CONNECTIONS. RISER DIAGRAMS, DETAILS, SCHEDULES AND SPECIFICATIONS FOR
- ADDITIONAL REQUIREMENTS. 30. TURN OVER TO THE OWNER ALL MANUFACTURER'S WARRANTIES FOR EQUIPMENT AND MATERIAL PROVIDED.
- 31. ASCERTAIN FROM EXAMINATION OF THE DRAWINGS, ANY SPECIAL TEMPORARY OPENINGS AND STRUCTURAL LOADING IN THE BUILDING REQUIRED FOR THE ADMISSION OF APPARATUS PROVIDED UNDER THIS DIVISION. NOTIFY THE OWNER ACCORDINGLY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASSEMBLY AND DISASSEMBLY OR EQUIPMENT AS REQUIRED TO PLACE EQUIPMENT IN ITS FINAL LOCATIONS.
- 32. UNLESS OTHERWISE INDICATED, PROVIDE 14 GAUGE GALVANIZED PIPE SLEEVES TWO (2) SIZES LARGER THAN THE PIPE OR INSULATION WHERE SUCH ASSEMBLIES PENETRATE WALLS, PARTITIONS, FLOORS OR STRUCTURAL MEMBERS.
- 33. ALL VOIDS BETWEEN PIPES SHALL BE FILLED WITH A FIRE TESTED AND APPROVED ELASTOMERIC CAULKING MATERIAL. 34. ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.

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ELECTRICAL SYMBOL LIST					
⊕б	DISCONNECT SWITCH				
(4)	SPECIAL PURPOSE CONNECTION				
#	DUPLEX RECEPTACLE GFCI - GROUND FAULT CIRCUIT IG - ISOLATED GROUND WP - WEATHERPROOF L - LOCKABLE COVER				

drawing title MECHANICAL/ELECTRICAL SCHEDULES, NOTES, ETC. REVISIONS			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES				
mark	date	description	drawing prepared by SALAMONE	& ASSOCIATES, P.C.	date 07/22/2019		
				PLAINS INDUSTRIAL ROAD GFORD, CONNECTICUT	scale AS NOTED		
			project HVAC REPLACE	EMENT	drawn by ST		
			LIBRARY FOR T	HE BLIND AND	approved by JAS		
			ROCKY HILL, CT		drawing no.		
			CAD no. I FTB/MF-4	project no. BI-SS-117	│ ME-4		

LFTB/ME-4

project no. BI-SS-117