

MECHANICAL NEW WORK FLOOR PLAN

MECHANICAL NEW WORK ROOF PLAN

ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS

ELECTRICAL FIRST FLOOR DEMOLITION PLAN

ELECTRICAL ROOF DEMOLITION PLAN

ELECTRICAL ROOF POWER PLAN

ELECTRICAL PANEL SCHEDULES

ELECTRICAL SINGLE LINE DIAGRAM

ELECTRICAL FIRST FLOOR POWER PLAN

MECHANICAL PIPING PLAN

MECHANICAL CONTROLS

MECHANICAL CONTROLS

MECHANICAL SCHEDULES

MECHANICAL DETAILS

MECHANICAL DETAILS

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ELECTRICAL DETAILS

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ELECTRICAL

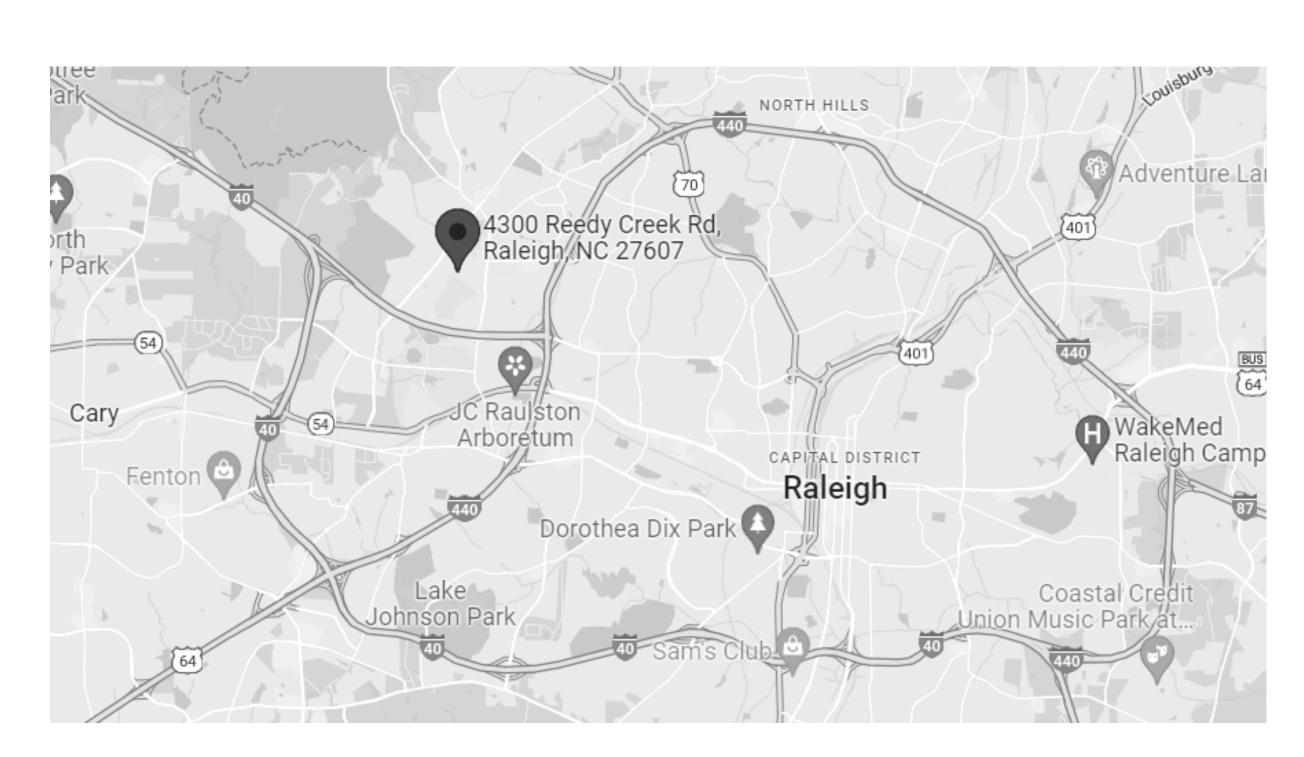
Eaddy Building HVAC & Lab Exhaust Upgrades & Repairs North Carolina Department of Agriculture and Consumer Services

RMF Project No.: 02220164.A0

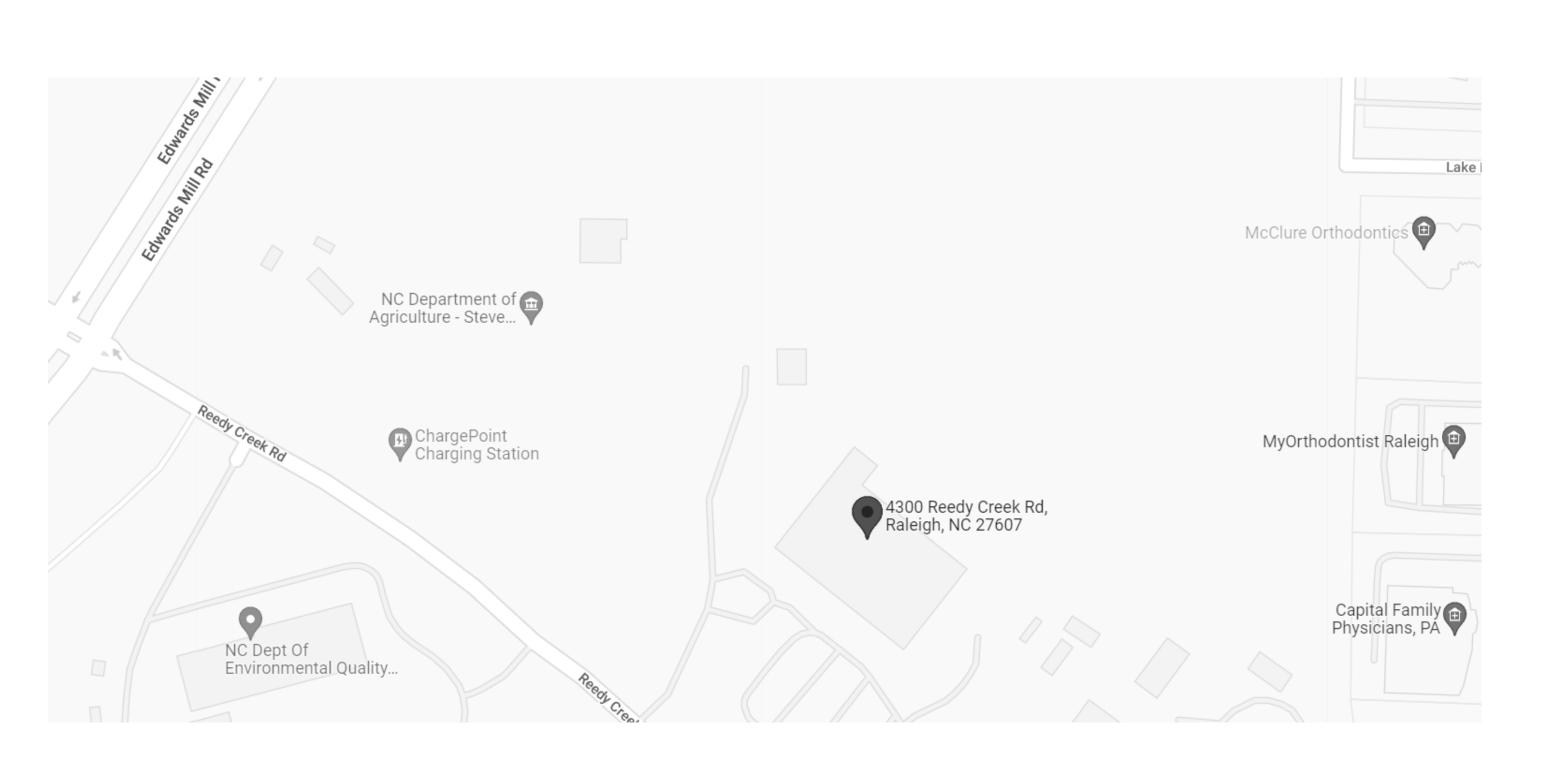
BID DOCUMENTS

07/11/2023

SCO ID# 22-24510-01A Code: 42017; Item 4404

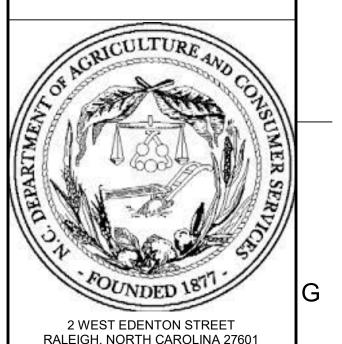












BID DOCUMENTS



DESIGNED BY: FLT | SCALE: PROJ. MGR.: KAN CLIENT JOB #: Eaddy Building HVAC & Lab Exhaust Upgrades

& Repairs SCO ID: #22-24510-01A PROJECT ADDRESS:

4300 REEDY CREEK, EADDY BUILDING, RALEIGH, NC 27607

COVER SHEET

G-001

RMF ENGINEERING, INC. 8081 ARCO CORPORATE DRIVE SUITE 300 RALEIGH, NC 27617 P: 919-941-9876 F: 919-941-9957



2 WEST EDENTON STREET RALEIGH, NORTH CAROLINA 27601

DESCRIPTION REVISIONS SUBMISSION TITLE: **BID DOCUMENTS**

CHECKED BY: KAN RMF JOB NO.: 02220164.A0 PROJ. MGR.: KAN CLIENT JOB #: PROJECT NAME : Eaddy Building HVAC & Lab Exhaust Upgrades

DRAWN BY: JAA DATE:

DESIGNED BY: FLT | SCALE:

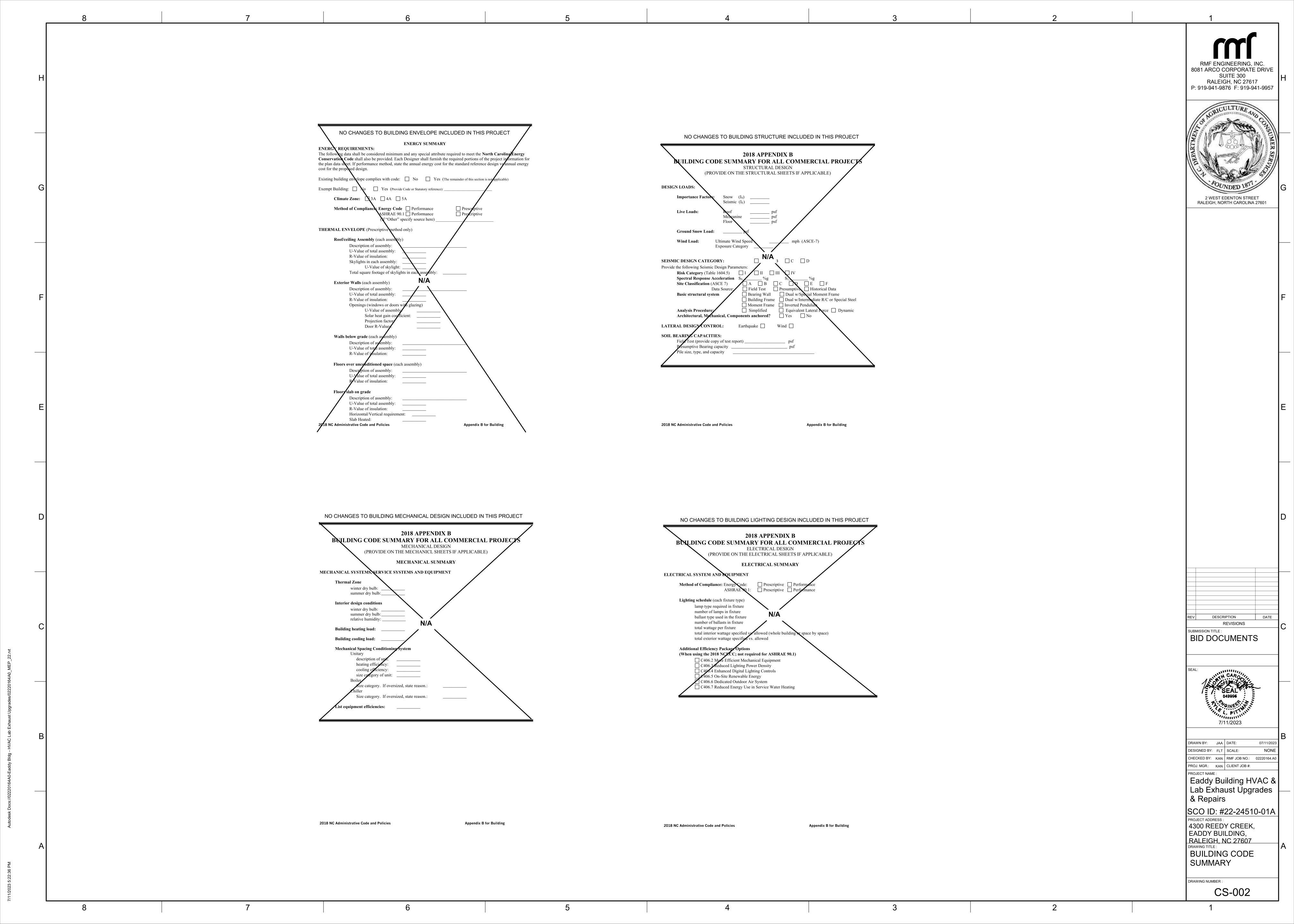
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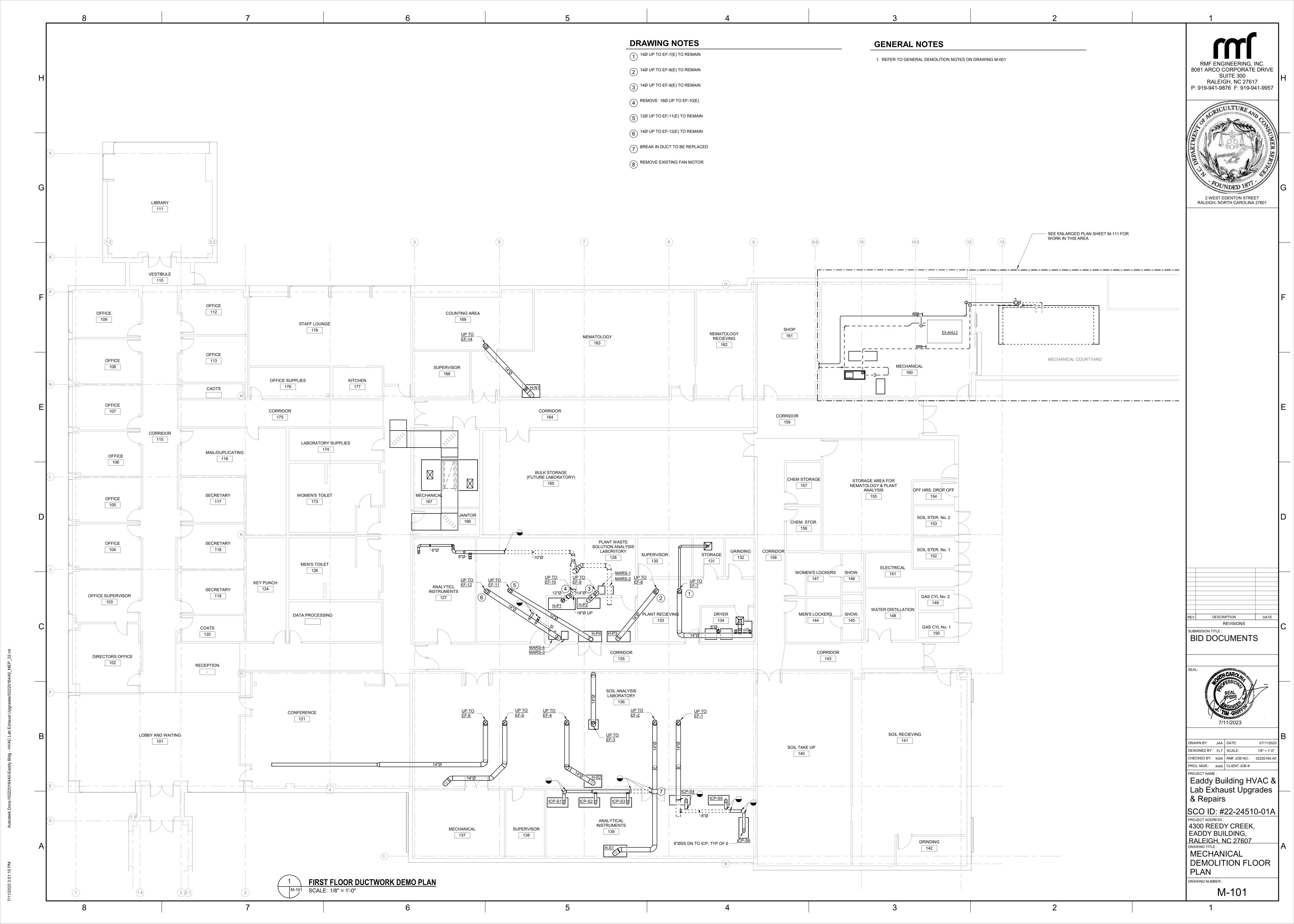
4300 REEDY CREEK, EADDY BUILDING, RALEIGH, NC 27607 DRAWING TITLE : BUILDING CODE

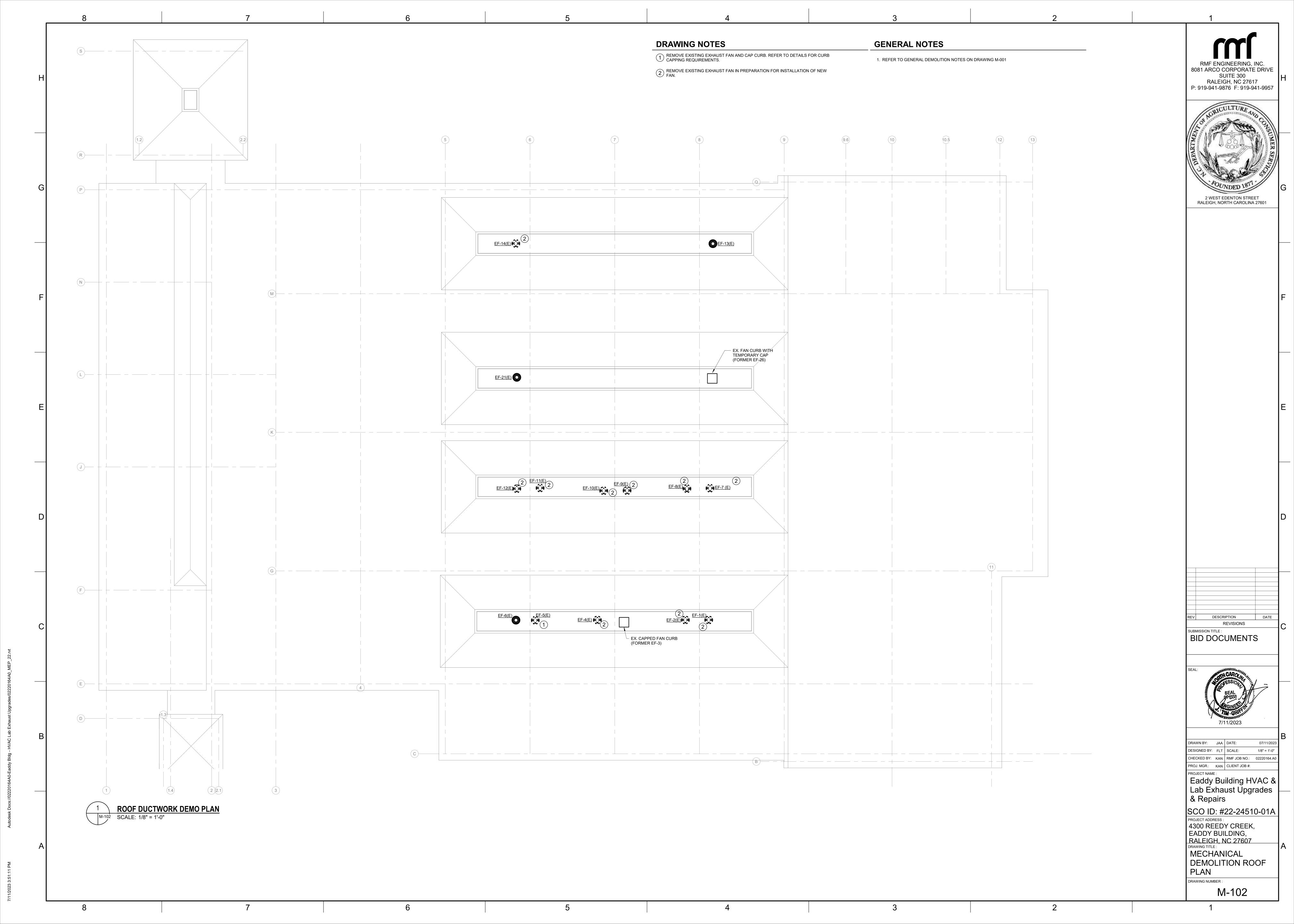
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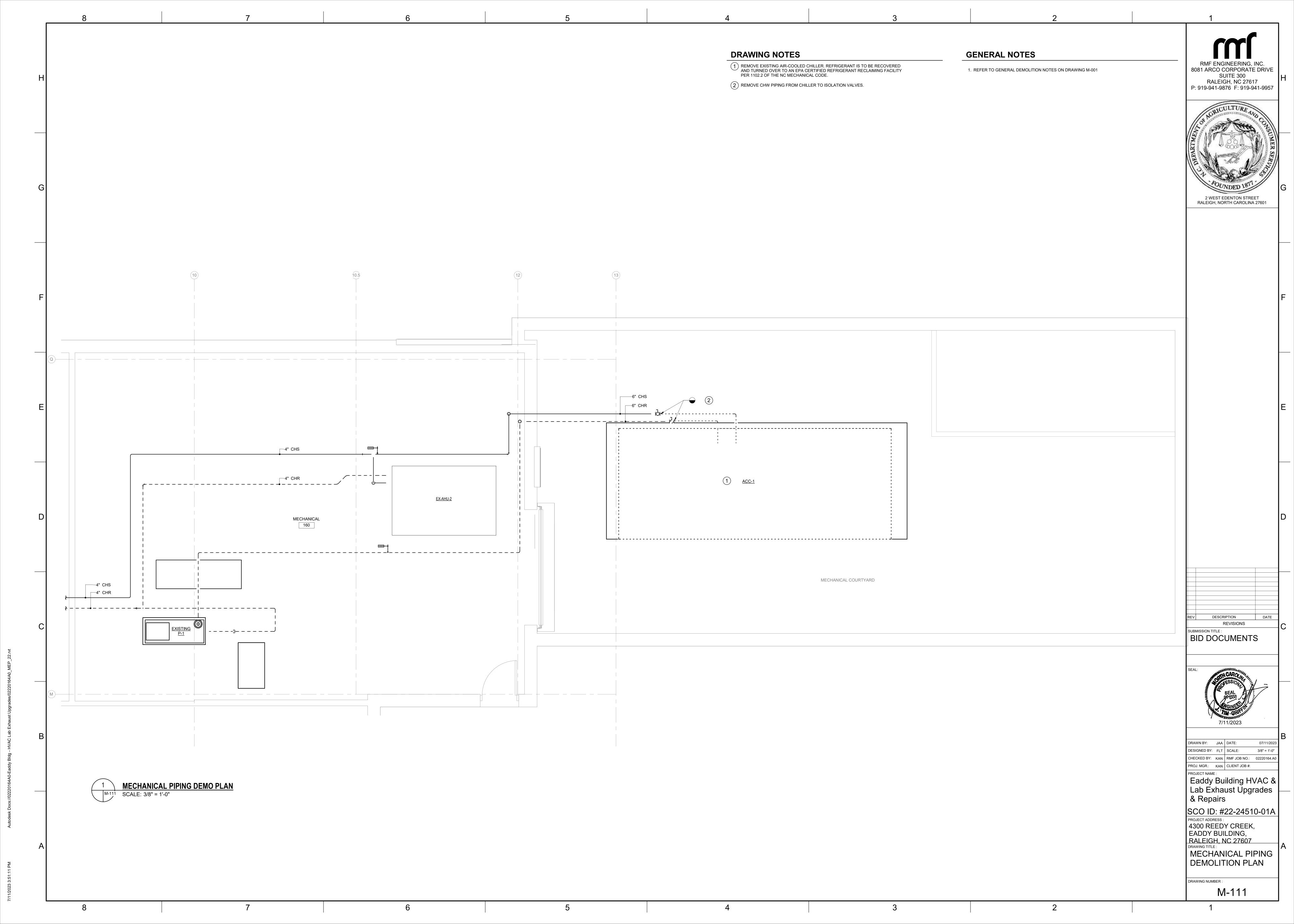
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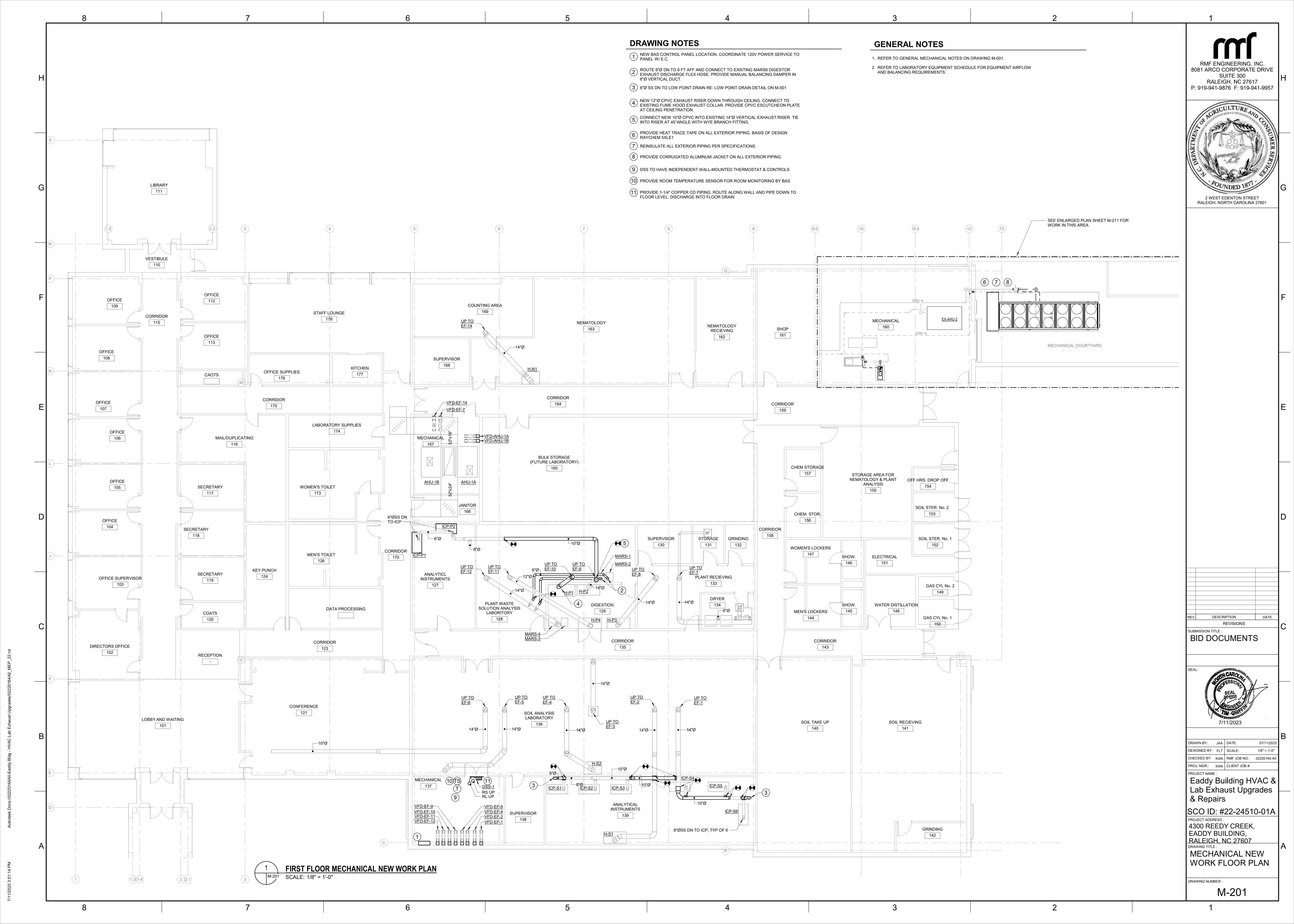
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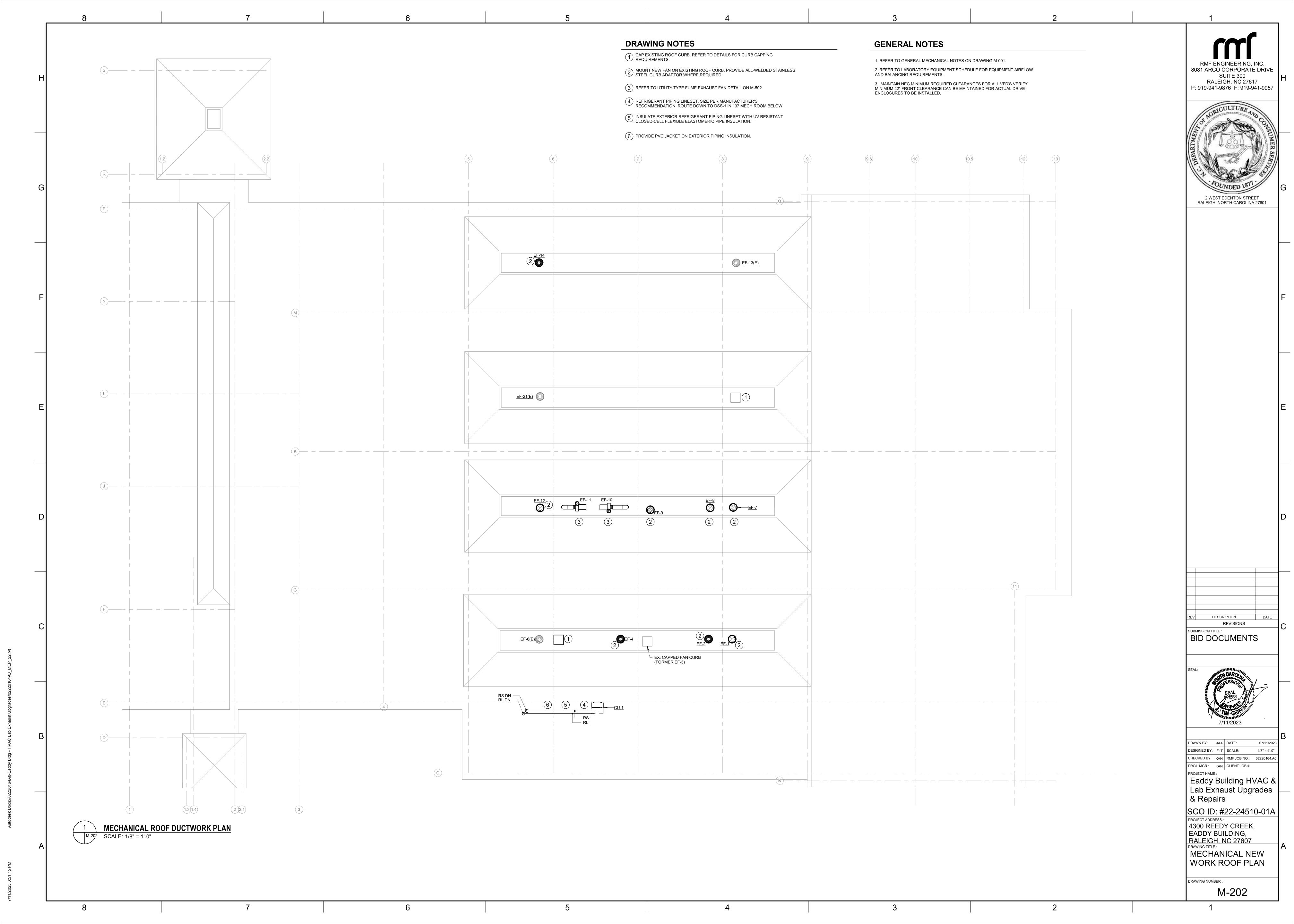


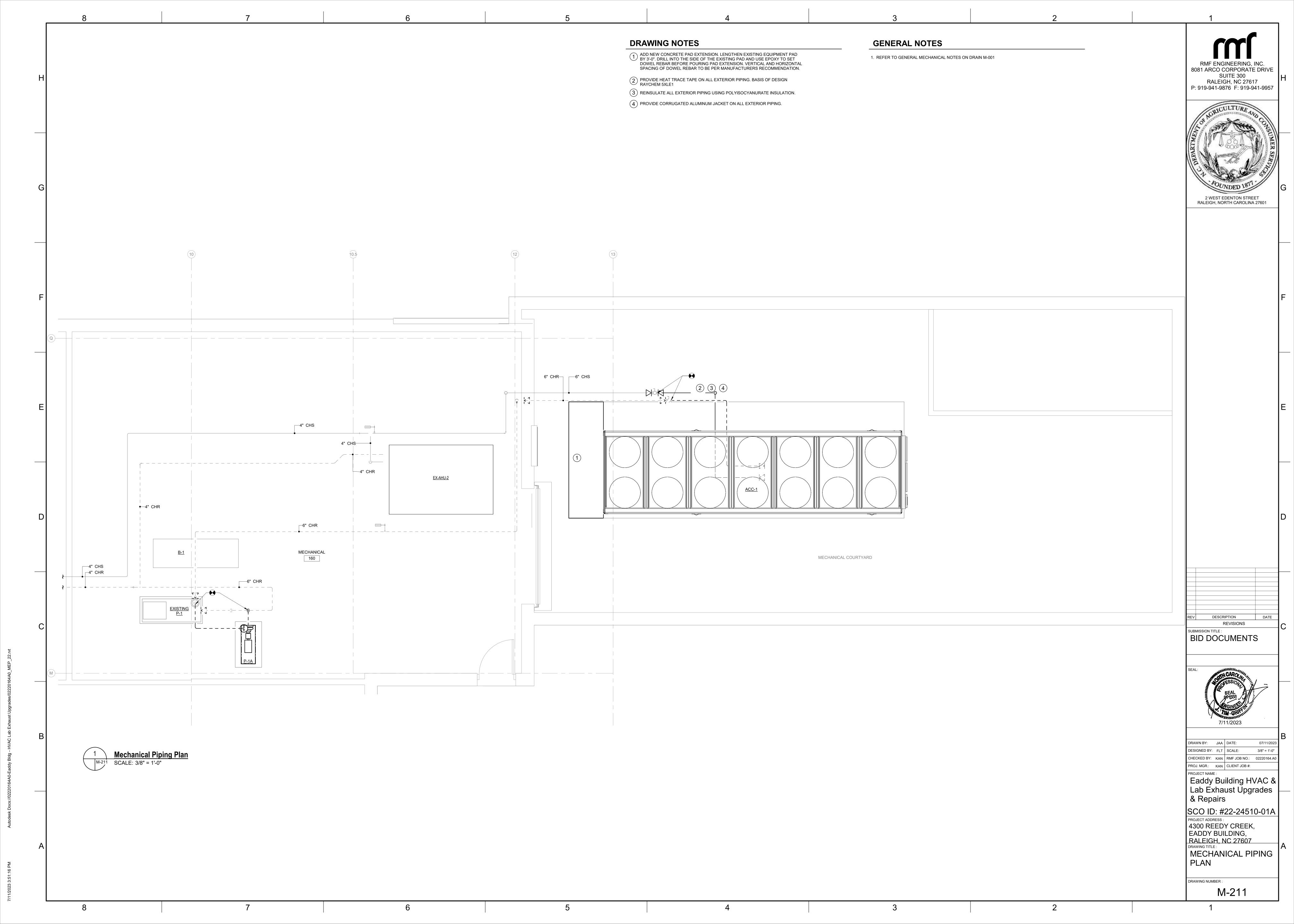


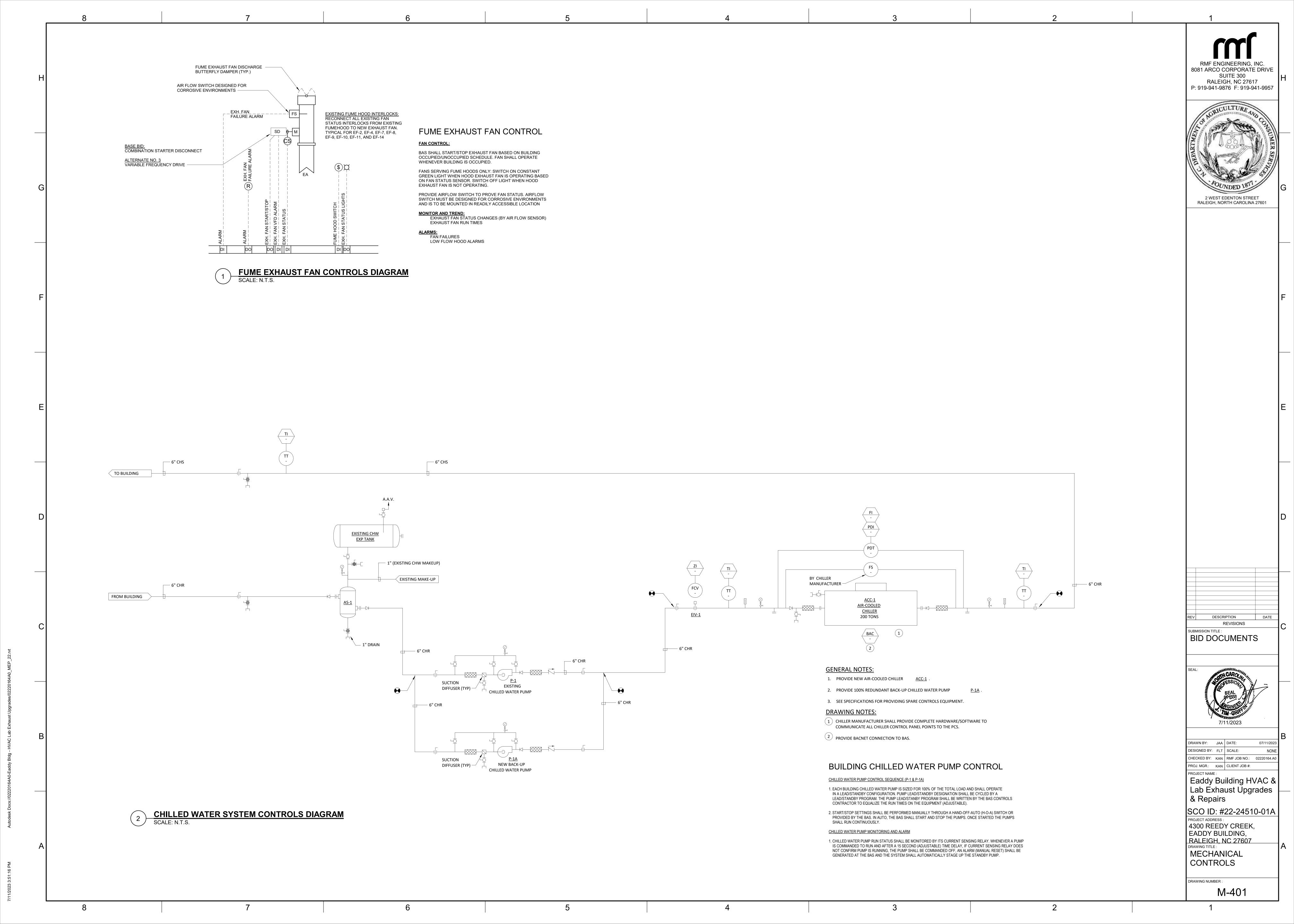


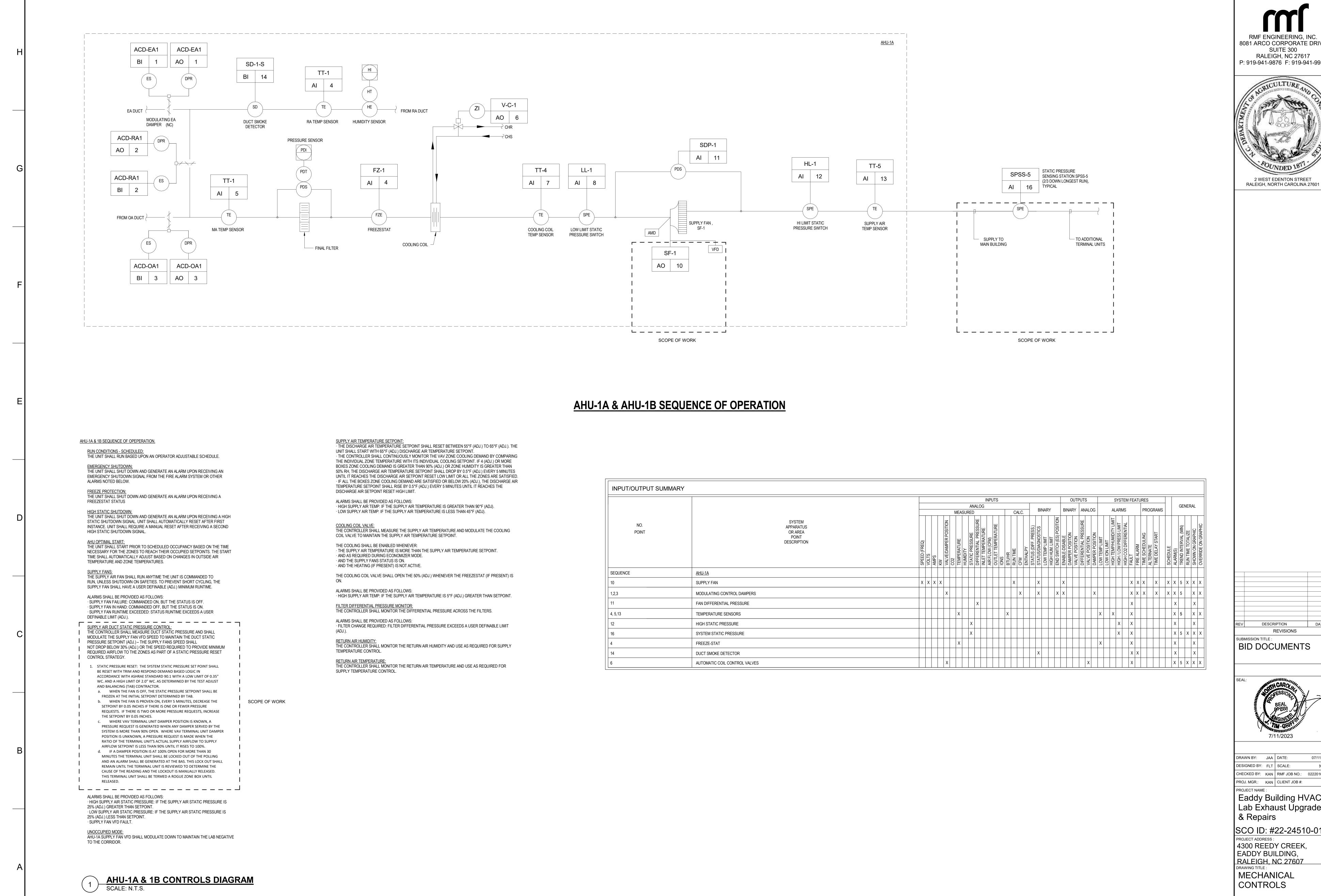




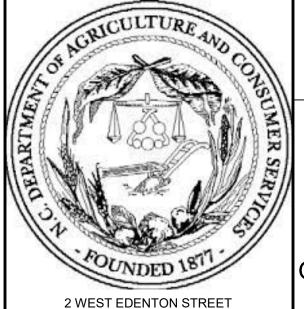








SUITE 300 RALEIGH, NC 27617 P: 919-941-9876 F: 919-941-9957



DESCRIPTION DATE REVISIONS

BID DOCUMENTS



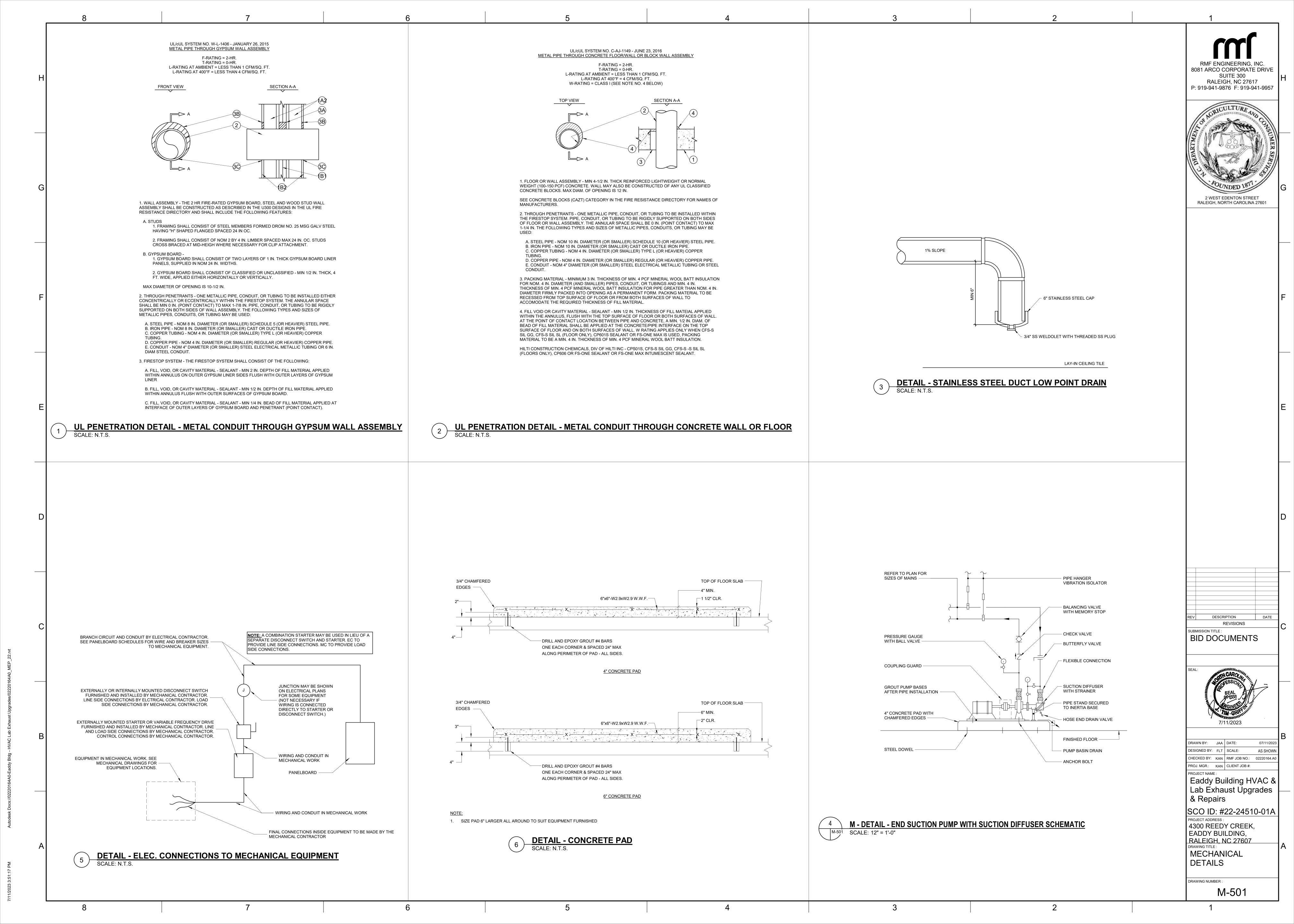
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CHECKED BY:	KAN	RMF JOB NO.:	02220164.A0									
PROJ. MGR.:	KAN	CLIENT JOB #:										
PROJECT NAME :												
Eaddy Building HVAC &												
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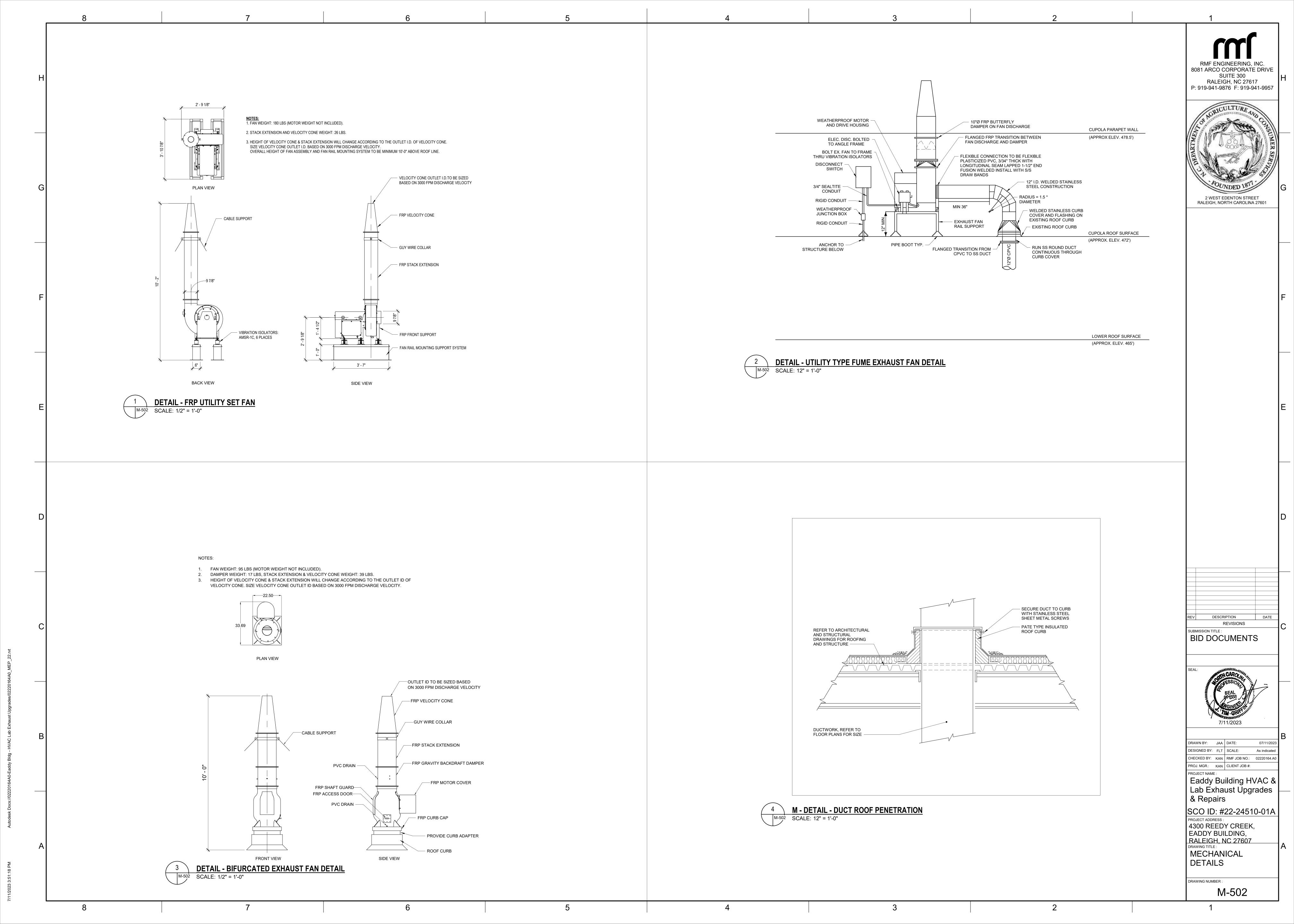
Lab Exhaust Upgrades |-& Repairs SCO ID: #22-24510-01A PROJECT ADDRESS : 4300 REEDY CREEK,

EADDY BUILDING, RALEIGH, NC 27607 MECHANICAL

DRAWING NUMBER :

M-402





RMF ENGINEERING, INC. 8081 ARCO CORPORATE DRIVE SUITE 300 RALEIGH, NC 27617 P: 919-941-9876 F: 919-941-9957

2 WEST EDENTON STREET RALEIGH, NORTH CAROLINA 27601

REMARKS:

1. BASIS OF DESIGN: TRANE. APPROVED EQUALS BY YORK OR CARRIER.

2. CONFIRM SIEMENS BAS COMMUNICATION REQUIREMENTS. PROVIDE BACNET COMMUNICATIONS INTERFACE.

3. EXTENDED LENGTH OF EXISTING CONCRETE EQUIPMENT PAD BY 3'-0". SEE DETAIL

4. PROVIDE HEAT TRACE TAPE ON ALL EXTERIOR PIPING. BASIS OF DESIGN RAYCHEM 5XL 5. REINSULATE ALL EXTERIOR PIPING PER SPECIFICATIONS.

6. PROVIDE CORRUGATED ALUMINUM JACKET ON ALL EXTERIOR PIPING.

	BASE BID EXHAUST FAN SCHEDULE														
MARK	SERVICE (SPACE/EQUIPMENT)	TYPE	MANUFACTURER/MODEL	AIR FLOW (CFM)	TSP (IN. WG)	DRIVE TYPE	SPEED (RPM)	BRAKE MOTOR (HP)	NOMINAL MAX MOTOR SOUND (HP) (SONES)		DAMPER TYPE	VOLTAGE/ PHASE	STARTER / DISCONNECT MEANS	REMARKS	
EF-1	ANALYTICAL INSTRUMENTS 139 (SOIL) / ICP'S	FRP ROOF CURB MOUNTED UPBLAST ARR. 9	M.K. PLASTICS / AXCL 1825	2100	2.0	BELT	1353	1.19	1.5	18.0	BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 5, 6	
EF-2	ANALYTICAL INSTRUMENTS 139 (SOIL) / FUME HOOD H-S1	FRP ROOF CURB MOUNTED UPBLAST ARR. 9	M.K. PLASTICS / AXCL 1500	1335	1.5	BELT	1676	0.72	1.5	12.0	BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 5, 6	
EF-4	SOIL ANALYSIS LABORATORY 136 / FUME HOOD H-S2	FRP ROOF CURB MOUNTED UPBLAST ARR. 9	M.K. PLASTICS / AXCL 1225	1135	1.5	BELT	2109	0.61	1.0	12.0	BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 5, 6	
EF-7		FRP ROOF CURB MOUNTED UPBLAST ARR. 9	M.K. PLASTICS / AXCL 1225	1000	2.0	BELT	2235	0.72	1.5		BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 5, 6	
EF-8	DIGESTION 129 / FUME HOOD H-P3	FRP ROOF CURB MOUNTED UPBLAST ARR. 9	M.K. PLASTICS / AXCL 1225	770	1.5	BELT	1893	0.42	0.75	10.0	BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 5, 6	
EF-9	DIGESTION 129 & ANALYTICAL INSTRUMENTS 127 / FUME HOOD H-P2 & ICP'S	FRP ROOF CURB MOUNTED UPBLAST ARR. 9	M.K. PLASTICS / AXCL 1500	1320	2.5	BELT	2043	1.23	2.0	13.0	BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 5, 6	
EF-10	DIGESTION 129 / FUME HOOD H-P1	FRP UPBLAST UTILITY SET, OUTDOOR	M.K. PLASTICS / CNW 250	920	5.0	BELT	1966	1.35	2.0		BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 7, 8, 9	
EF-11	DIGESTION 129 / FUME HOOD H-P4	FRP UPBLAST UTILITY SET, OUTDOOR	M.K. PLASTICS / CNW 250	770	5.0	BELT	1940	1.16	2.0		BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 7, 8, 9	
EF-12	DIGESTION 129 & PLANT WASTE SOLUTION ANALYSIS 128 / MARS6 DIGESTORS	FRP ROOF CURB MOUNTED UPBLAST ARR. 9	M.K. PLASTICS / AXCL 1225	900	1.5	BELT	1957	0.49	1.0	10.0	BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 5, 6	
EF-14	NEMATOLOGY LABORATORY 136 / FUME HOOD H-N1	FRP ROOF CURB MOUNTED UPBLAST ARR. 9	M.K. PLASTICS / AXCL 1225	1135	1.5	BELT	2109	0.61	1.0	12.0	BUTTERFLY SPRING-RETURN	480/3	VFD	1, 2, 3, 4, 5, 6	

REMARKS:

1. REFER TO SECTION 233423

2. BASIS OF DESIGN: M.K. PLASTICS. APPROVED EQUALS BY LOREN COOK OR GREENHECK.

2. BASIS OF DESIGN: M.K. PLASTICS. APPROVED EQUALS BY LOREN COOK OR GREENHECK.

3. PROVIDE BASE SUPPORT RAILS AND SPRING VIBRATION ISOLATION.

4. LIBRUAGE CONFIGURATION APPRAIGEMENT 10 WITH SUPPLEMENTAL.

3. PROVIDE STARTING AND DISCONNECTING MEANS AS SCHEDULED.

4. PROVIDE EXTERNAL DISCONNECT. 5. PROVIDE BELT GUARD/WEATHER COVER, ACCESS DOOR, AND DRAIN 6. PROVIDE WITH CURB CAP AND INLET CONNECTION FLANGE.

9. UPBLAST CONFIGURATION, ARRANGEMENT 10 WITH SUPPLEMENTAL FRONT SUPPORT.

10. PROVIDE FRP OUTLET TRANSITION AND DISCHARGE STACK - REFER TO DETAILS. 11. SCHEDULED AIRFLOWS ARE NOMINAL DESIGN AIRFLOW RATES. ACTUAL VALUES USED IN FINAL TAB PROCESS SHALL BE BASED ON AIRFLOW RATES PRE-READ BY TAB CONTRACTOR PRIOR TO START OF WORK.

		OWNER PROVIDED	LABO I	RATO	RY EQUIPM	ENT SC	HEDULE			
TAG NO. ON DWGS.	EQUIPMENT DESCRIPTION	EQUIPMENT MANUFACTURER / MODEL (LAB- ID #)	LAB AREA	ROOM NO.	ROOM NAME	EXISTING EXH. FAN TAG	NEW EXH. FAN TAG	NOMINAL DESIGN CFM	MAX EXH. AIR TEMP DEG. C	NOTES
ICP-S4	ICP (PLASMA SPECTROMETER)	SPECTRO ARCOS, FHS12, 08006147 (Instrument #126314/08)	SOILS	139	ANALYTICAL INSTRUMENTS	EF-1 (E)	EF-1(N)	350	80	1, 4
ICP-S5	ICP (PLASMA SPECTROMETER)	SPECTRO ARCOS, FHS12, 13004985 (Instrument #136826/13)	SOILS	139	ANALYTICAL INSTRUMENTS	EF-1 (E)	EF-1(N)	350	80	1, 4
ICP-S6	ICP (PLASMA SPECTROMETER)	SPECTRO ARCOS, FHM22, 16002582 (Instrument #142514/16)	SOILS	139	ANALYTICAL INSTRUMENTS	EF-1 (E)	EF-1(N)	350	80	1, 4
ICP-S1	ICP (PLASMA SPECTROMETER)	SPECTRO ARCOS, FHS12, 09005642 (Instrument #128204/09)	SOILS	139	ANALYTICAL INSTRUMENTS	EF-2 (E)	EF-1(N)	350	80	1, 4
ICP-S2	ICP (PLASMA SPECTROMETER)	SPECTRO ARCOS, FHS12, 14005113 (Instrument #139034/14)	SOILS	139	ANALYTICAL INSTRUMENTS	EF-2 (E)	EF-1(N)	350	80	1, 4
ICP-S3	ICP (PLASMA SPECTROMETER)	SPECTRO ARCOS, FHS12, 10007??9 (Instrument #130459/10)	SOILS	139	ANALYTICAL INSTRUMENTS	EF-2 (E)	EF-1(N)	350	80	1, 4
H-S1	FUME HOOD (WALK IN) - 6FT	ST CHARLES MFG CO.	SOILS	139	ANALYTICAL INSTRUMENTS	EF-5 (E)	EF-2(N)	1335	AMBIENT	1, 2
H-S2	FUME HOOD - 5FT	ST CHARLES MFG CO.	SOILS	136	SOIL ANALYSIS LABORATORY	EF-4 (E)	EF-4 (N)	1135	AMBIENT	1
H-P3	FUME HOOD - 6FT DOUBLE WALL	SALARE FCE-1800DW	PLANT	129	DIGESTION	EF-8 (E)	EF-8 (N)	770	AMBIENT	1
H-P2	FUME HOOD - 5FT DOUBLE WALL	SALARE FCE-1500DW	PLANT	129	DIGESTION	EF-9 (E)	EF-9 (N)	620	AMBIENT	1
ICP-P1	ICP (PLASMA SPECTROMETER)	SPECTRO ARCOS, FHE12, 11009362 (Instrument #133112/12)	PLANT	127	ANALYTICAL INSTRUMENTS	EF-10 (E)	EF-9 (N)	350	80	1, 3
ICP-P2	ICP (PLASMA SPECTROMETER)	SPECTRO ARCOS, FHS12, 16002581 (Instrument #142513/16)	PLANT	127	ANALYTICAL INSTRUMENTS	EF-10 (E)	EF-9 (N)	350	80	1, 3
H-P1	FUME HOOD W/ SCRUBBER - 7FT	SALARE FCE-2200MS	PLANT	129	DIGESTION	EF-10 (E)	EF-10 (N)	920	AMBIENT	1
H-P4	FUME HOOD W/ SCRUBBER - 8FT	SALARE FCE-1800MS	PLANT	129	DIGESTION	EF-11 (E)	EF-11 (N)	770	AMBIENT	1
MARS-1	MARS (MICROWAVE DIGESTOR)	CEM/MARS 6 230/6 MODEL 910900 (S/N MJ2545)	PLANT	128	PLANT WASTE SOLUTION ANALYSIS	EF-9 (E) INDIRECT	EF-12 (N)	150	50	1
MARS-2	MARS (MICROWAVE DIGESTOR)	CEM/MARS 6 230/6 MODEL 910900 (S/N MJ7439)	PLANT	128	PLANT WASTE SOLUTION ANALYSIS	EF-9 (E) INDIRECT	EF-12 (N)	150	50	1
MARS-3	MARS (MICROWAVE DIGESTOR)	CEM/MARS 6 230/6 MODEL 910900 (S/N MJ7545)	PLANT	129	DIGESTION	EF-12 (E)	EF-12 (N)	150	50	1
MARS-4	MARS (MICROWAVE DIGESTOR)	CEM/MARS 6 230/6 MODEL 910900 (S/N MJ2581)	PLANT	129	DIGESTION	EF-12 (E)	EF-12 (N)	150	50	1
N/A	MARS (MICROWAVE DIGESTOR)	FUTURE	PLANT	129	DIGESTION	N/A	EF-12 (N)	150	50	1
N/A	MARS (MICROWAVE DIGESTOR)	FUTURE	PLANT	129	DIGESTION	N/A	EF-12 (N)	150	50	1
⊔ N1	FUME HOOD SET	ST CHARLES MEC CO	NEMATOL OGV	163	NEMATOLOGY LABORATORY	EE 14 (E)	EE 14 (NI)	1135	AMRIENT	1

NOTES:
1. AIRFLOWS SCHEDULED ARE NOMINAL DESIGN AIRFLOWS. ACTUAL AIRFLOWS SHALL BE PRE-READ BY TAB CONTRACTOR PRIOR TO START OF WORK. EQUIPMENT SHALL BE RE-BALANCED TO SAME, PRE-READ AIRFLOWS UPON COMPLETION OF WORK.

NEMATOLOGY

2. RECENTLY RELOCATED FROM SOIL ANALYSIS LABORATORY 136 (WAS SERVED BY EF-5) 3. ALL NEW EXHAUST SYSTEM DUCTWORK AND COMPONENTS SHALL BE OF WELDED STAINLESS STEEL CONSTRUCTION TO MATCH EXISTING DUCTWORK, FOR MIN 20 FT FROM EQUIPMENT CONNECTION.

ST CHARLES MFG CO.

4. ALL NEW EXHAUST SYSTEM DUCTWORK AND COMPONENTS SHALL BE OF WELDED STAINLESS STEEL CONSTRUCTION TO MATCH EXISTING. 5. ALL NEW EXHAUST SYSTEM DUCTWORK AND COMPONENTS SHALL BE OF CPVC CONSTRUCTION TO MATCH EXISTING.

		ALTE	RNAT	E BI	D 1	- [DU	CTL	ESS	SPLIT S	SYSTE	EM SC	HED	ULE	I		
								DOOR UNIT	DA DA CITY		OUTDOOR CONDENSING UNIT					A 1	
				NOMINAL	ESP	EA	F	COOLING (NOMINAL	EL	ECTRIC	AL	
DESIGNATION	SERVICE	Manufacturer	Model	CFM RANGE	H20)	DB	WB	SENS (MBH)	TOTAL (MBH)	MOUNTING	DESIGNATION	AMBIENT AIR TEMP °F	CAPACITY (TONS)	V/Ø/Hz	MCA	MOCP	REMARKS
DSS-1	137 MECH	MITSUBISHI	PKA-A18LA	200-375	0.05	80.0	67.0	13.1	18.0	EXPOSED WALL	CU-1	95	1.5	208/1	11	28	1,2,3,4

REMARKS:

1. BASIS OF DESIGN: MITSUBISHI. APPROVED EQUALS BY TRANE OR CARRIER. 2. ROUTE REFRIGERANT PIPING LINESET BETWEEN INDOOR AND OUTDOOR UNITS. 3. SIZE REFRIGERANT PIPING LINESET PER MANUFACTURER'S GUIDELINES. 4. DSS-1 SHALL HAVE INDEPENDENT CONTROLS.

REMARKS:
7. PROVIDE BLUE DIAMOND MAXIBLUE CONDENSATE PUMP MODEL X87-721. 8. CONDENSATE PUMP TO HAVE RESERVOIR AND SENSOR. 9. MOUNT CONDENSATE PUMP WITHIN 6'-0" OF RESERVOIR. 10. ROUTE TUBING FROM PUMP AND CONNECT INTO COPPER CD LINE. 5. PROVIDE ROOM TEMPERATURE AND HUMIDITY SENSOR TO BE MONITORED BY SIEMENS BAS. 11. ROUTE COPPER CD LINE TO DISCHARGE POINT AS SHOWN ON DRAWINGS.

12. PROVIDE BACNET INTERFACE. 13. PROVIDE DELUXE WIRED MA CONTROLLER FOR WALL MOUNTING. 14. PROVIDE FRONT AND REAR WIND BAFFLE KIT. 15. PROVIDE SIDE ADVANCED WIND BAFFLE KIT.

EF-14 (E)

EF-14 (N)

AMBIENT

NEMATOLOGY LABORATORY

FUME HOOD - 5FT

				A	LTE	RNA	ГЕВ	ID 2 - F	PUM	P SC	HED	ULE				
TAG	MANUFACTURER	MODEL	SERVICE	FLUID	FLOW (GPM)	HEAD (FEET)	RPM	EFFICIENCY (%)	BHP	MOTOR HP	POWER	IMPELLER DIA. (IN)	MAX FT. NPSH	SUCTION X DISCHARGE	TYPE	REMARKS
P-1A	B&G	1510-4BD	CHILLED WATER	WATER	460	70	1800	79.4	10.5	15	460/3/60	8.875	6.84	5X4	END-SUCTION	1,2,3,4

6. PROVIDE INVERTER-DUTY MOTOR.

REMARKS:

1. BASIS OF DESIGN: BELL & GOSSETT. APPROVED EQUALS BY TACO OR ARMSTRONG.
2. PROVIDE 6" THICK CONCRETE EQUIPMENT PAD. SEE DETAIL
3. PROVIDE SUCTION DIFFUSER.
4. PROVIDE INVERTER-DUTY MOTOR.

5. PUMP IS TO OPERATE AS 100% REDUNDANT BACK-UP UNIT.

	A	ALTERN	ATE E	3ID 4 -	EXIS	STIN	IG AIR	R HA	NDLI	NG L	JNľ	ΓFA	N MC	OTOR	SCH	EDUL	E	
		GENE	RAL DATA				FAN DATA MOTOR DATA											
TAG	MANUFACTURER	MODEL NUMBER	SERIAL NO.	AREA SERVED	TYPE	TYPE	SUPPLY AIR (CFM)	TSP (IN. WG)	MAX RPM	MAX BHP	HP	RPM	FRAME	SERVICE FACTOR	FLA	VOLTS/PH/HZ	ACCESSORIES	REMARKS
HU-1A	YORK	CSI156SV20"AFV	92-821774A	OFFICES	VAV	AF	9013	6.5	2400	14.12	15	1750	S254T	1.15	19.0	460/3/60		1,2,3,4,5,6,7
HU-1B	YORK	CSI156SV20"AFV	92-821774B	OFFICES	VAV	AF	8127	6.5	2300	12.2	15	1750	S254T	1.15	19.0	460/3/60		1,2,3,4,5,6,7

REMARKS:
1. DATA PROVIDED IS FOR INFORMATIONAL PURPOSES ONLY. 2. CONTRACTOR TO FIELD VERIFY ALL MOTOR REQUIREMENTS BEFORE ORDERING REPLACEMENT MOTOR.

3. REMOVE INLET GUIDE VANES FROM FAN HOUSING. 4. DO NOT REMOVE INLET CONE FROM FAN HOUSING.

5. PROVIDE INVERTER-DUTY REPLACEMT MOTOR.
6. PROVIDE VFD SIZED FOR REPLACEMENT MOTOR.

7. BAS TO CONTROL VFD BASED ON DUCT STATIC PRESSURE SENSOR.

DESCRIPTION

BID DOCUMENTS

SUBMISSION TITLE :

REVISIONS

CHECKED BY: KAN RMF JOB NO.: 02220164.A0 PROJ. MGR.: KAN CLIENT JOB #: PROJECT NAME : Eaddy Building HVAC & Lab Exhaust Upgrades

DRAWN BY: JAA DATE: DESIGNED BY: FLT | SCALE:

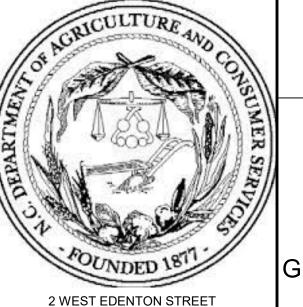
& Repairs SCO ID: #22-24510-01A PROJECT ADDRESS :

4300 REEDY CREEK, EADDY BUILDING, RALEIGH, NC 27607 DRAWING TITLE : MECHANICAL SCHEDULES

DRAWING NUMBER:

M-701

RMF ENGINEERING, INC 8081 ARCO CORPORATE DRIVE SUITE 300 RALEIGH, NC 27617 P: 919-941-9876 F: 919-941-9957



RALEIGH, NORTH CAROLINA 27601

DESCRIPTION REVISIONS **BID DOCUMENTS**

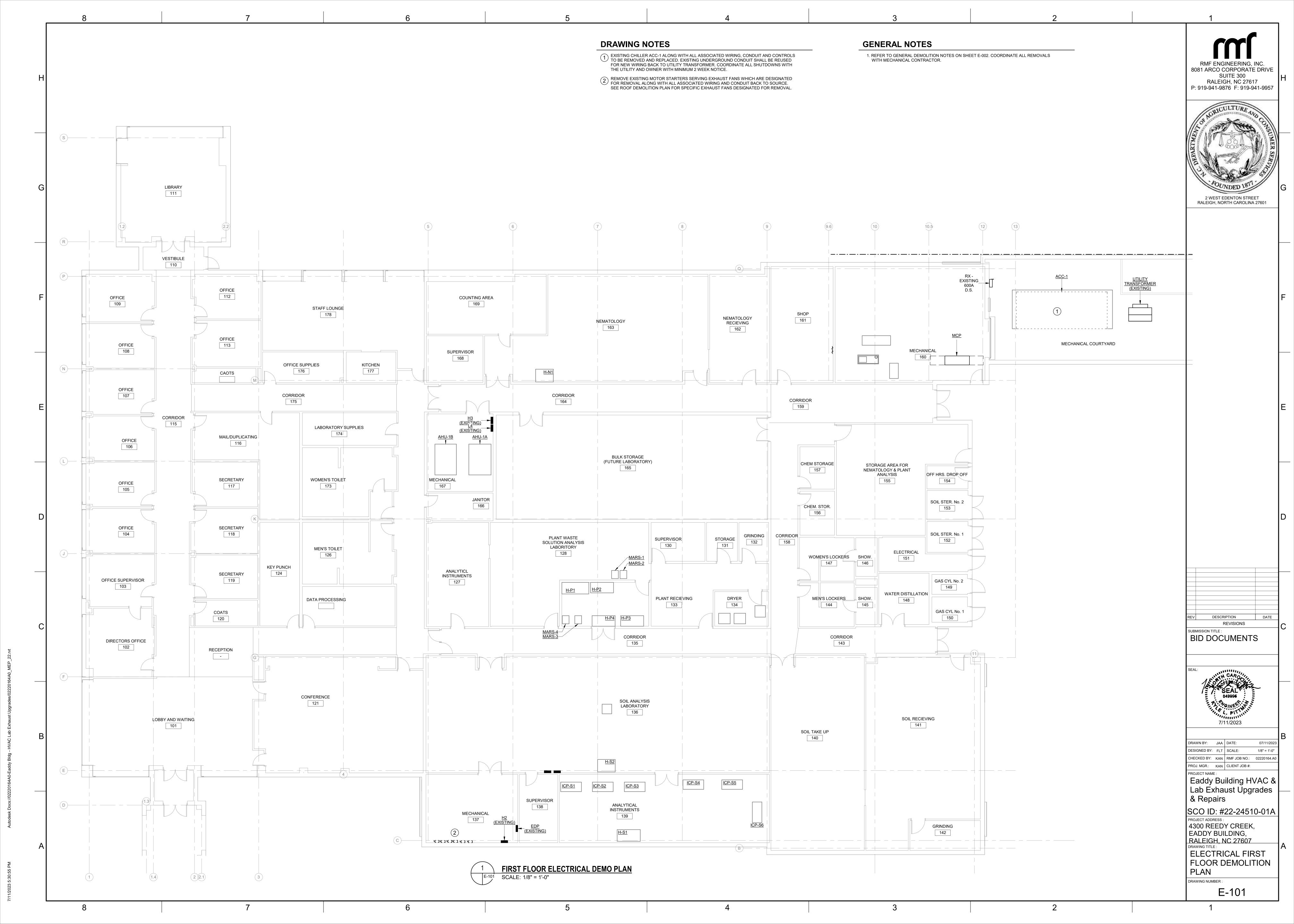
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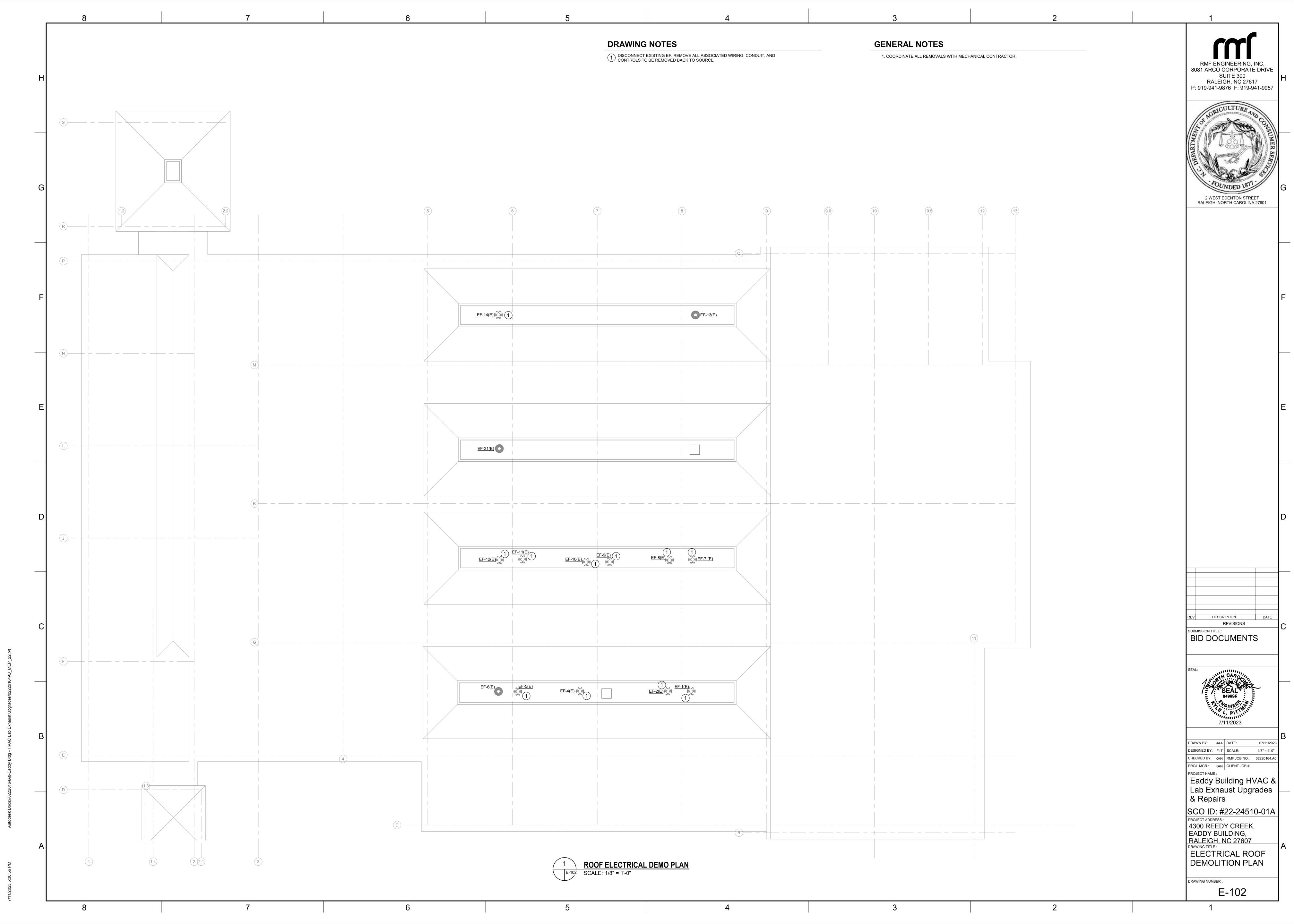
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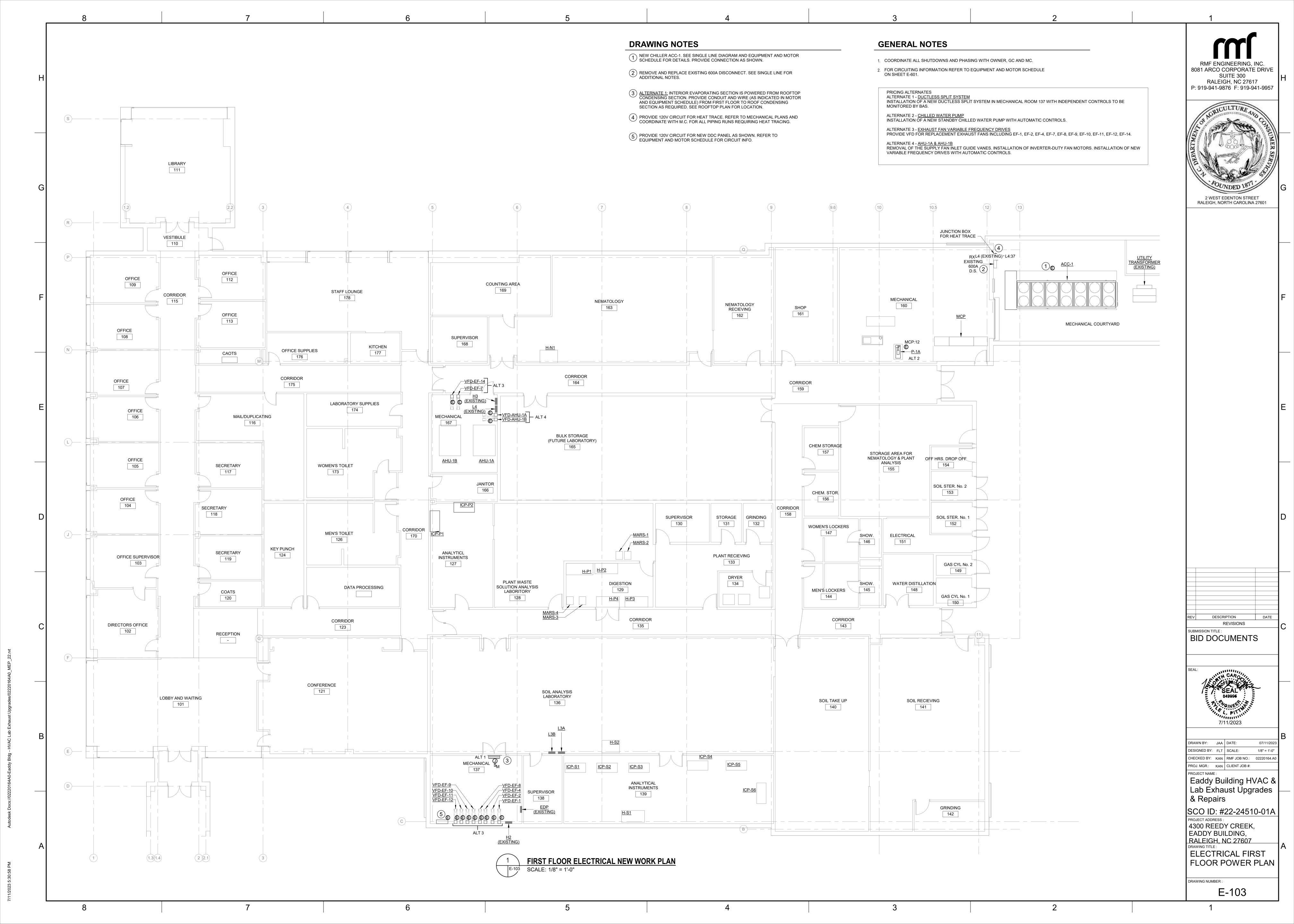
PROJECT ADDRESS : 4300 REEDY CREEK, EADDY BUILDING, RALEIGH, NC 27607 ELECTRICAL NOTES

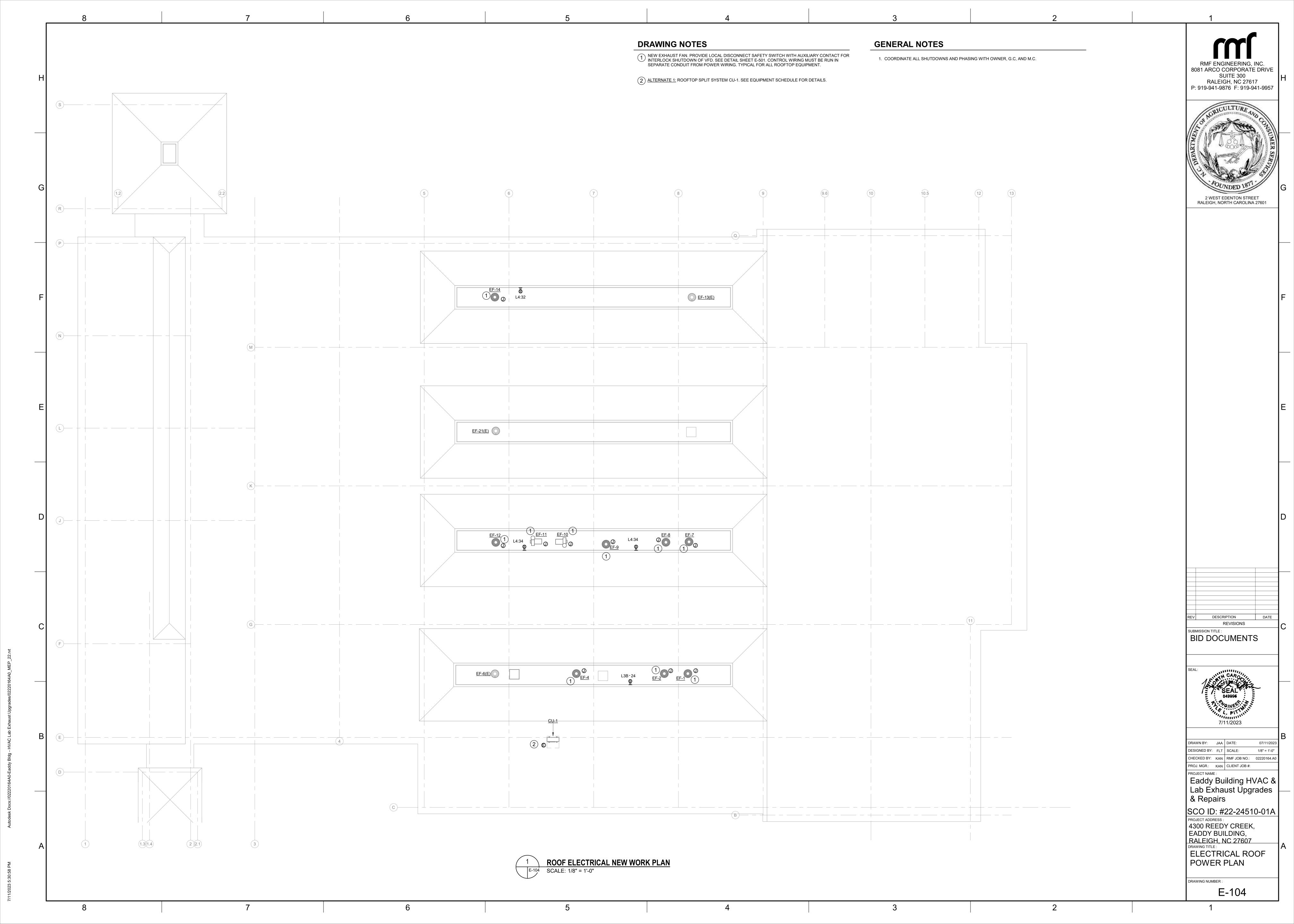
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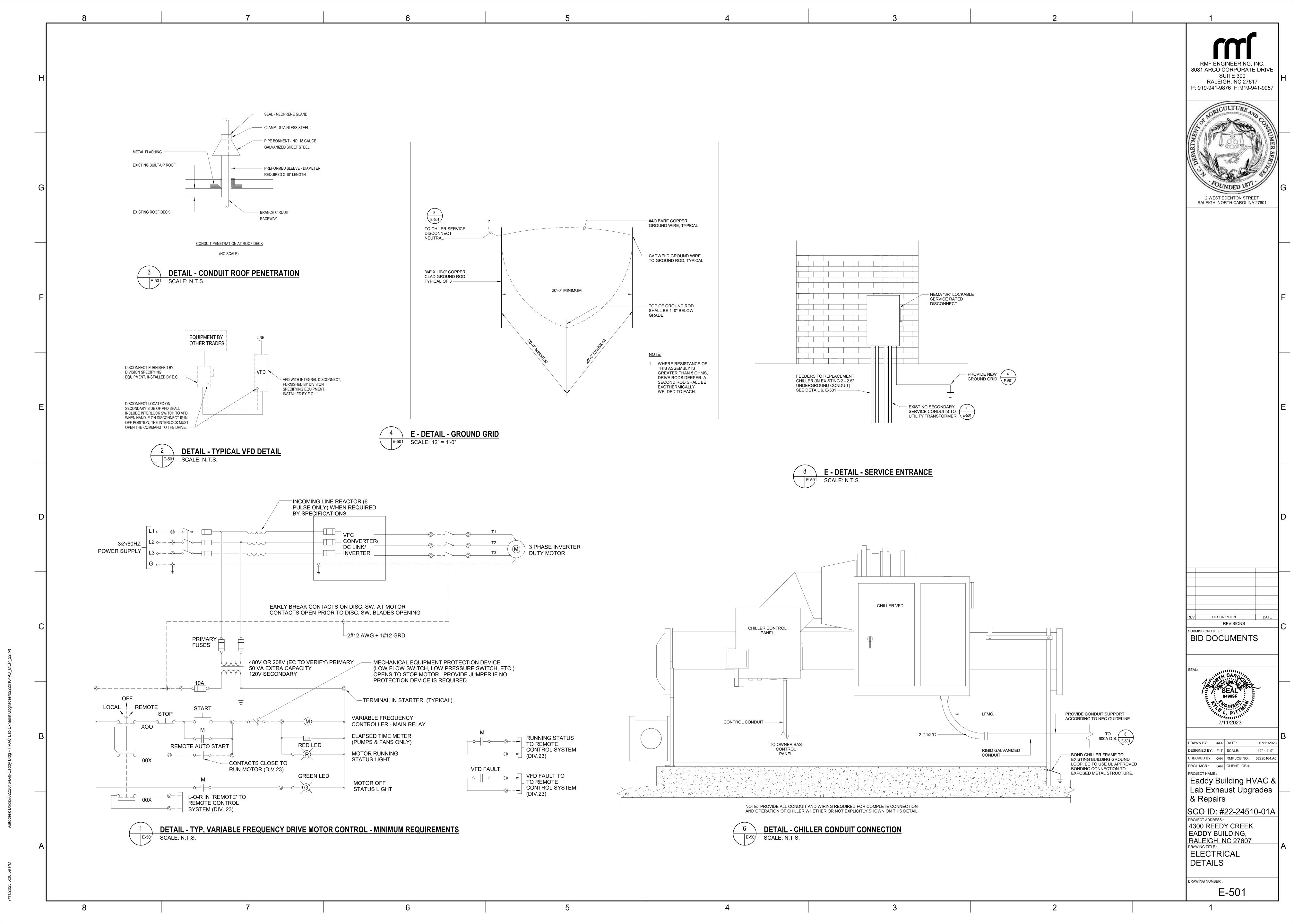
E-002

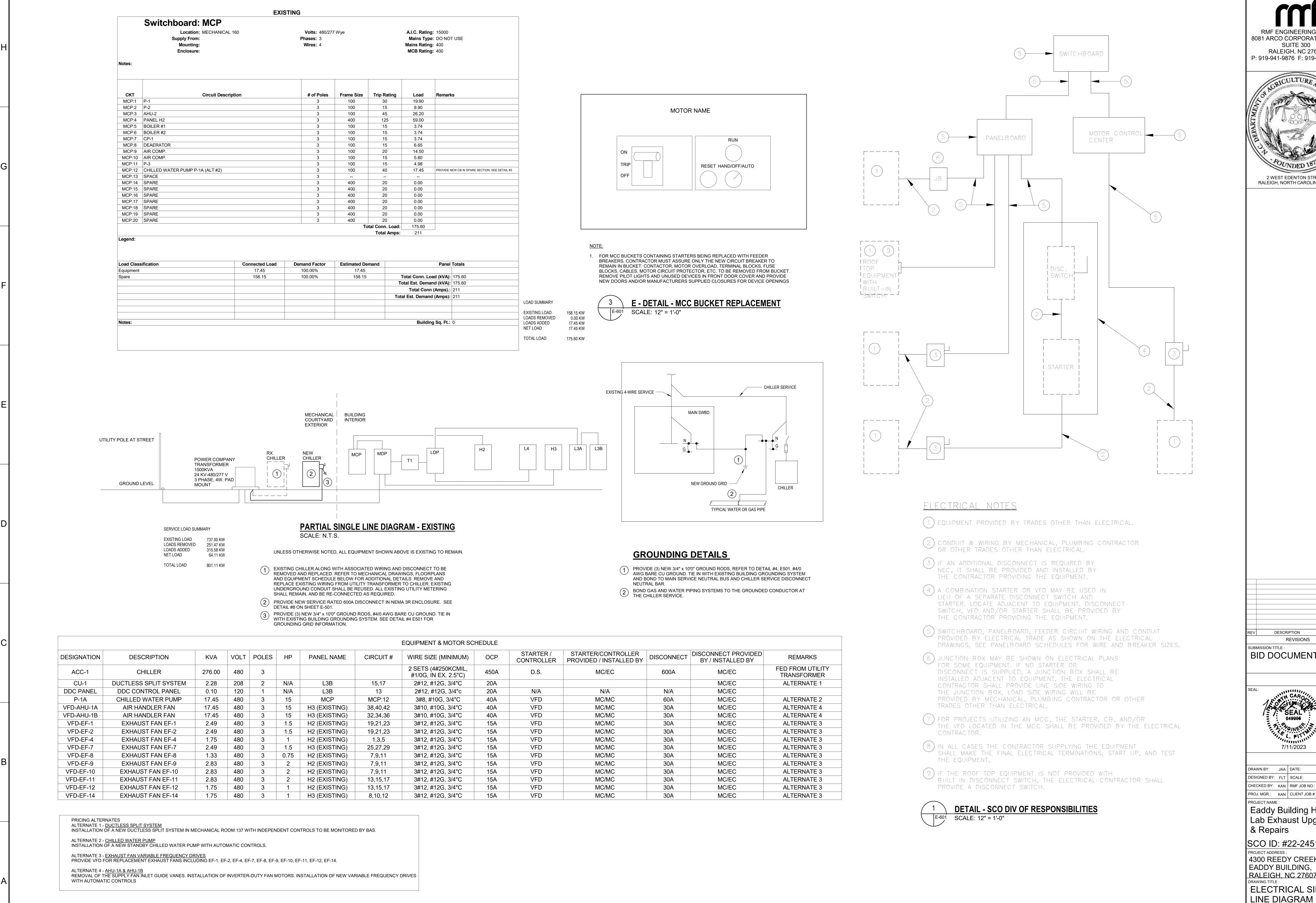












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DESCRIPTION

DESIGNED BY: FLT | SCALE: CHECKED BY: KAN RMF JOB NO.: 02220164.A0 PROJ. MGR.: KAN CLIENT JOB #: PROJECT NAME : Eaddy Building HVAC & Lab Exhaust Upgrades

7/11/2023

& Repairs SCO ID: #22-24510-01A PROJECT ADDRESS : 4300 REEDY CREEK,

EADDY BUILDING, RALEIGH, NC 27607 DRAWING TITLE: ELECTRICAL SINGLE

DRAWING NUMBER :

E-601

RMF ENGINEERING, INC 8081 ARCO CORPORATE DRIVE SUITE 300 RALEIGH, NC 27617 P: 919-941-9876 F: 919-941-9957



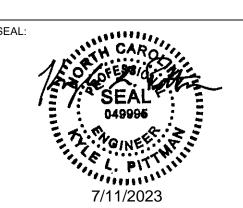
RALEIGH, NORTH CAROLINA 27601

DESCRIPTION

BID DOCUMENTS

SUBMISSION TITLE :

REVISIONS



DRAWN BY: JAA DATE: DESIGNED BY: FLT | SCALE: CHECKED BY: KAN RMF JOB NO.: 02220164.A0 PROJ. MGR.: KAN CLIENT JOB #: PROJECT NAME :

Eaddy Building HVAC & Lab Exhaust Upgrades & Repairs

SCO ID: #22-24510-01A PROJECT ADDRESS : 4300 REEDY CREEK, EADDY BUILDING, RALEIGH, NC 27607 DRAWING TITLE : ELECTRICAL PANEL

DRAWING NUMBER:

E-602

LOAD SUMMARY

EXISTING LOAD

LOADS ADDED

NET LOAD

TOTAL LOAD

LOADS REMOVED

0.00 KW 2.56 KW

2.56 KW

22.11 KW

LOAD SUMMARY

EXISTING LOAD

LOADS ADDED

NET LOAD

TOTAL LOAD

LOADS REMOVED

1.54 KW

1.54 KW

22.72 KW

SCHEDULES