A PROJECT FOR:

NEW MEXICO STATE UNIVERSITY DONA ANA COMMUNITY COLLEGE 5160 DACC HEALTH BUILDING-UPGRADE COMPRESSED AIR AND VACUUM SYSTEMS LAS CRUCES. NEW MEXICO



PROJECT LOCATION
NMSU 5160
5160 DACC HEALTH BUILDING
SOUTH ESPINA STREET
LAS CRUCES, NEW MEXICO



INDEX OF DRAWINGS:

- COVER SHEET

.1 - HVAC GENERAL NOTES, LEGEND AND SCHEDULES

- HVAC SCHEMATICS, DETAILS AND SCHEDULES

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M1.1 - HVAC NEW WORK PLAN - 2ND FLOOR

P1.0 - PLUMBING DEMOLITION & NEW WORK PLAN - 1ST FLOOR
E0.1 - ELECTRICAL GENERAL NOTES, LEGEND AND 2ND FLOOR POWER PLAN

E1.0 - POWER DEMOLITION AND NEW WORK PLAN - 1ST FLOOR

REVIEW SET

DATE: 11-27-24



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lovember 27, 2024

PROJECT NO. 24086

DESIGN BY: RBM

DRAWN BY: CAD

CHECKED BY: RBM

APPROVED BY: RBM

MARK DATE DESCRIPTION

COMPRESSED AIR & LUUM SYSTEMS

VER SHEET

SHEET TITLE:

SHEET NO:

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MECHANICAL SYMBOL LEGEND						
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION			
0.P.C.I.	OWNER PROVIDED, CONTRACTOR INSTALLED		RETURN OR EXHAUST DUCT UP.			
	HVAC EQUIPMENT		SUPPLY DUCT DOWN.			
	ROOF MOUNTED EXHAUST FAN.		RETURN OR EXHAUST DUCT DOWN.			
	CEILING MOUNT EXHAUST FAN.		SIDEWALL SUPPLY AIR OUTLET SIDEWALL RETURN OR EXHAUST AIR OUTLET			
— VD	VOLUME DAMPER.		CEILING DIFFUSER WITH FLEXIBLE DUCT			
— FDR	FIRE DAMPER.		CEILING RETURN OR EXHAUST GRILLE.			
	THERMOSTAT. CONTROL SWITCH. FLEXIBLE DUCTWORK. RIGID DUCTWORK. DUCT TRANSITION. SUPPLY AIR DUCT UP. NEW GAS LINE EXISTING GAS LINE NEW CONDENSATE DRAIN LINE NEW VACUUM LINE EXISTING VACUUM LINE	⊕ (1) (ACU-1) ExACU ExVTR	LONG RADIUS ELBOW WITH OUT VANES. NEW TO EXISTING CONNECTION KEYED NOTES EQUIPMENT DESIGNATION EXISTING EQUIPMENT EXISTING VENT—THRU—ROOF TO BE DEMOLISHED			
— 0 — —ExO— — A — —ExA—	NEW OXYGEN LINE EXISTING OXYGEN LINE NEW AIR LINE EXISTING AIR LINE		TO BE ABANDONED PIPE ELBOW DOWN PIPE TEE EQUIPMENT GAS REGULATOR GAS UNION			

DOCUMENT GENERAL NOTES:

- A. DRAWINGS ARE DIAGRAMMATIC. THEY ARE TO BE USED AS A GENERAL GUIDE AND ARE NOT INTENDED TO BE SPECIFIC INSTALLATION INSTRUCTIONS. CONTRACTOR SHALL CONSTRUCT ACCORDING TO CODE AND/OR MANUFACTURERS INSTALLATION INSTRUCTIONS.
- B. DRAWINGS ARE BASED UPON ORIGINAL BUILDING PLANS AND/OR FIELD OBSERVATIONS. CONTRACTOR MUST FIELD VERIFY EXACT LOCATIONS AND ROUTING OF: SEWER, GAS, AND WATER LINES.
- C. CONTRACTOR SHALL EXPECT TO MAKE SOME ROUTING ADJUSTMENTS DURING THE COURSE OF CONSTRUCTION. COORDINATE CHANGES WITH ARCHITECT AND KEEP RECORD OF CHANGES FOR FUTURE USE.

GENERAL NOTES:

- IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE ITEMS ON THESE PLANS WITH ANY/ALL SUB-CONTRACTORS. ITEMS LISTED ON PLANS SHALL BE PROVIDED & INSTALLED BY GENERAL CONTRACTOR AND/OR SUBCONTRACTOR. ITEMS LISTED AS "BY OTHERS" DOES NOT MEAN BY OWNER.
- CONTRACTOR FAILURE TO NOT FOLLOW ALL LISTED NOTES AND/OR MEET THE REQUIREMENTS OF CODE REQUIREMENTS AND/OR MANUFACTURERS INSTALLATION GUIDELINES CAN AND MAY RESULT IN ADDITIONAL FEES/SURCHARGES TO THE CONTRACTOR(S) BY/TO OWNER-ARCHITECT-ENGINEER. IF CONTRACTOR(S) HAVE ANY QUESTIONS AND/OR VALUE ENGINEERING ITEMS THAT WOULD LIKE TO BE INCORPORATED INTO PLANS, SUCH ITEMS SHALL BE FORWARDED TO ARCHITECT FOR REVIEW AND ARE REQUIRED TO BE ISSUED PRIOR TO ANY BIDDING OR PRICE-QUOTE DEADLINES. ANY DISCREPANCIES AFTER AWARD/DURING CONSTRUCTION WILL RESULT THAT THE CONTRACTOR FOLLOW THE MORE STRINGENT INSTALLATION METHOD AND/OR MATERIAL TYPES AND SIZES. ETC.. ETC.

			AIR	CO	MP	RES	SSC	RS	CHEDULE
MARK	MANUFACTURER MODEL NO.	CFM DELIVERY UNIT MOTOR SCFM PRESSURE WEIGHT LBS. HP VOLTS PHASE AMPS					1	REMARKS	
AC	POWEREX STS030132HP	7.1	50	455	3	208	3	9.0	SIMPLEX COMPRESSOR 30 GALLON RECEIVER HORIZONTAL. COOL 15 REFRIGERATOR DRYER 115V/1 PHASE.
			\//		11 18 /				
			<u> </u>	100	UIV	I PU	<u> אועוי</u>	SC	HEDULE
MARK	MANUFACTURER MODEL NO.	CFM SCFM		UNIT WEIGHT LBS.	HP	МОТО		AMPS	REMARKS

	PLUMBING GAS FITTING SCHEDULE							
MARK	MANUFACTURER MODEL NO.	SERVICE	REMARKS					
VAC-1	T&S BRASS BL-4203-02	VACUUM	TABLE TOP VAC TURRET WITH 1 VALVE					
VAC-2	T&S BRASS BL-4203-01	VACUUM	TABLE TOP VAC TURRET WITH 2 VALVES @ 1800					

EXHAUST FAN SCHEDULE									
MARK	ARK MANUFACTURER CFM ESP SONES WEIGHT MOTOR							REMARKS	
"""	MODEL NO.	01 141		JONES	LBS. H	HP	VOLTS	PHASE	ILEMANNO
EF-2	COOK GC-542	200	.50"	_	27	1/4	115	1	FORWARD CURVED GALVANIZED STEEL. CORROSION RESISTANT GALVANIZED STEEL HOUSING. FAN SPEED CONTROLLER 5A 120V PREWIRED.

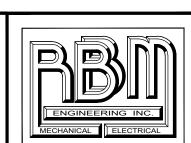
	FUME HOOD FAN SCHEDULE										
MARK	MANUFACTURER	TYPE	CFM	ESP	SONES	UNIT WEIGHT		MOTOR	ı	REMARKS	
	MODEL NO.	_ · · · <u>-</u>				LBS. H		VOLTS			
EF-1	COOK 100 CPV (VF)	FUME EXHAUST	700	2.0"		99	3/4	208		UTILITY VENT SET, HORIZONTAL DISCHARGE, DIRECT DRIVE, SPEED CONTROL ON FAN, NEMA 3 DISCONNECT EXPOXY COATING WEATHER COVER.	

MINIMUM PIPE MATERIAL SCHEDULE								
SERVICE TYPE	LOCATION	MATERIAL REQUIRED	COMMENTS					
DOMESTIC WATER FOR COLD AND HOT	ABOVE GRADE/SLAB WITHIN BUILDING	COPPER TUBING TYPE "L" HARD DRAWN						
NATURAL GAS	ABOVE GRADE AND/OR WITHIN BUILDING	BLACK STEEL SCHEDULE 40						
AIR AND VACUUM	LAB ROOMS FUME HOODS	COPPER TUBING TYPE "L" HARD DRAWN	SEE COMMENT 1					
PIPE MATERIAL NOTES:	PLUMBING CODE AS ADOPTED BY THE ST	G ONLY. ALL AIR PIPING SHALL BE INSTALLED FATE OF NEW MEXICO. BRAZING TO BE COMPLE ND AIR PIPING SYSTEMS ARE NOT REQUIRED FO	TED USING CONTINUOUS NITROGEN PURGE BY					

MECHANICAL GENERAL NOTES:

- A. COMPLY WITH ALL LOCAL, COUNTY, STATE AND FEDERAL CODES, ORDINANCE, RULES AND REGULATIONS.
- B. ALL MECHANICAL WORK MUST BE COORDINATED WITH ARCHITECT, STRUCTURAL, AND ELECTRICAL PRIOR TO INSTALLATION.
- C. ALL BRANCH DUCTS SHALL BE FITTED WITH BALANCING DAMPERS.
- D. ALL DUCT ELBOWS TO BE PROVIDED WITH RADIUS FITTINGS UNLESS SHOWN. WHERE RADIUS FITTINGS WILL NOT FIT, TURNING VANES SHALL BE PROVIDED IN ALL SQUARE FITTINGS.
- E. TEST AND BALANCE ALL NEW EXHAUST SYSTEMS SHOWN ON PLANS PER NEBB STANDARDS.
- F. DUCTWORK TO BE GALVANIZED STEEL SHEETS IN ACCORDANCE WITH "ASHRAE GUIDE AND SMACNA STANDARDS."
- G. SEAL ALL DUCT JOINTS WITH HIGH PRESSURE DUCT SEALER OR HARD CAST.
- N. EXISTING DUCTWORK INSULATION TO REMAIN.
- O. EXISTING DUCTWORK TO BE REUSED SHALL BE CLEANED, REFER TO SPECIFICATION SECTION 233100 FOR REQUIREMENTS.
- P. DUCT SIZES SHOWN ARE "CLEAR INSIDE" DIMENSIONS.
- Q. CONTRACTOR TO VERIFY LOCATION OF ALL AIR EQUIPMENT SO THAT NO INTERFERENCES ARE ENCOUNTERED WITH OTHER EQUIPMENT OR WITH THE STRUCTURAL ELEMENTS.
- R. MECHANICAL CONTRACTOR TO VERIFY THAT ALL DUCTWORK WILL FIT WHERE INDICATED WITHOUT INTERFERENCES.
- S. ALL HVAC EQUIPMENT TO BE MOUNTED LEVEL ON EQUIPMENT CURBS UNLESS OTHERWISE NOTED. GROUND MOUNTED EQUIPMENT SHALL BE PROVIDED WITH AN EQUIPMENT PAD.
- T. ALL EQUIPMENT SHALL BE SELECTED AND EQUIPPED FOR OPERATION AT SITE ALTITUDE. DEMONSTRATE ALTITUDE CORRECTIONS IN EQUIPMENT SUBMITTALS. (4,000 FT.)
- U. ILLUSTRATIONS SHOWN GENERALLY PROVIDED TO CONVEY CONCEPT AND ARE NOT INTENDED FOR AND DO NOT INCLUDE ALL DETAILS FOR ANY SPECIFIC INSTALLATION. ALL INSTALLATIONS MUST COMPLY WITH ALL APPLICABLE CODES.
- V. ALL EQUIPMENT AND SUBSYSTEM SHALL BE PROVIDED WITH ISOLATION VALVES. PROVIDE UNIONS AS REQUIRED FOR REMOVAL OF MAJOR VALVES, CONTROL VALVES, AND EQUIPMENT WITHOUT CUTTING PIPE.
- W. VERIFY ACCESS REQUIREMENTS OF ALL EQUIPMENT PRIOR TO FABRICATING DUCTWORK OR PIPING. ANY ITEM INTERFERING WITH UNIT ACCESSED SHALL BE MOVED AT THE CONTRACTORS EXPENSES.
- X. NEW DUCTWORK SHOWN SHALL BE SUPPORTED WITH APPROVED HANGERS AT INTERVALS NOT EXCEEDING 10 FEET IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. FLEXIBLE AND OTHER FACTORY MADE DUCTS SHALL BE SUPPORTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- Y. NEW AND/OR EXISTING EQUIPMENT INDICATED ON THIS DRAWING IS SHOWN IN APPROXIMATE POSITION(S). CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS INCLUDING EQUIPMENT LOCATIONS, P.O.C.'S AND STRUCTURAL MEMBERS PRIOR TO INSTALLATION. IN ALL CASES, ADEQUATE ACCESS (PER MANUFACTURER'S RECOMMENDATIONS AND CODE COMPLIANCE) FOR MAINTENANCE AND REPLACEMENT OF EQUIPMENT SHALL BE PROVIDED.
- Z. ALL DISSIMILAR METALLIC PIPING AND ACCESSORIES SHALL BE SEPARATED WITH DIELECTRIC FITTINGS AND 10 MIL POLY
- AA. CONTRACTOR SHALL PROVIDE ACCESS DOORS (MIN. 18"X18") FOR ALL CONTROLS, MAINTENANCE ITEMS, AND VALVES BEHIND RIGID WALL OR CEILING MATERIALS. CONTRACTOR TO COORDINATE WITH ARCHITECT PRIOR TO PLACEMENT/INSTALLATION -ACCESS DOORS TO BE INSTALLED IN INCONSPICUOUS AREAS WHENEVER POSSIBLE.
- AB. ALL PIPING SHALL BE SUPPORTED APPROPRIATELY IN WALLS, CEILING, AND BELOW FLOORS. SEE SPECIFICATIONS AND/OR SCHEMATICS FOR DETAILS.
- AC. ALL WORK SHALL BE IN ACCORDANCE WITH: INTERNATIONAL BUILDING CODE (IBC 2015) NM PLUMBING CODE WITH UNIFORM PLUMBING CODE (UPC 2021) NM MECHANICAL CODE WITH UNIFORM MECHANICAL CODE (UMC 2021) INTERNATIONAL ENERGY CONSERVATION CODE (IECC 2018) INTERNATIONAL FUEL GAS CODE (IFGC 2009) AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI 2003)

NFPA 101 LIFE SAFETY CODE (2000)



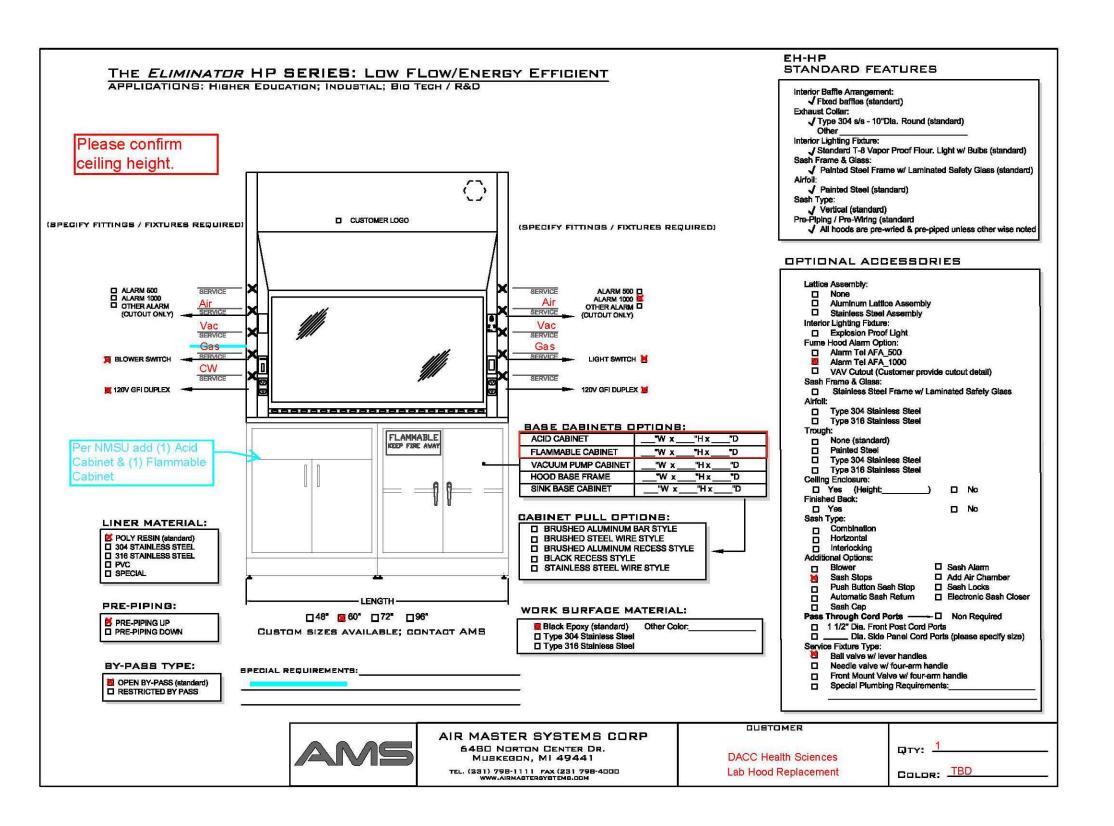
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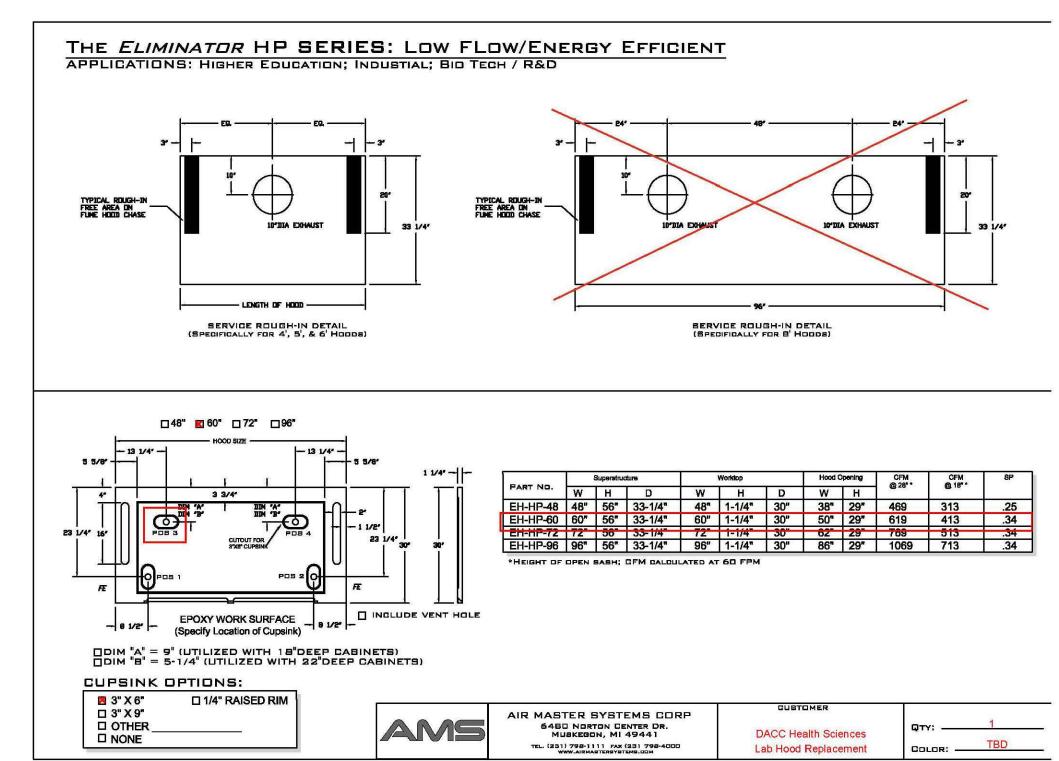


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24086 PROJECT NO. RBM DESIGN BY: CAD DRAWN BY: RBM CHECKED BY: RBM APPROVED BY:

5160 DACC HEALTH BUILE PGRADE COMPRESSEI VACUUM SYSTEM





T FUME HOOD SELECTION
N.T.S.



EXISTING FUME SCHEMATIC
N.T.S.



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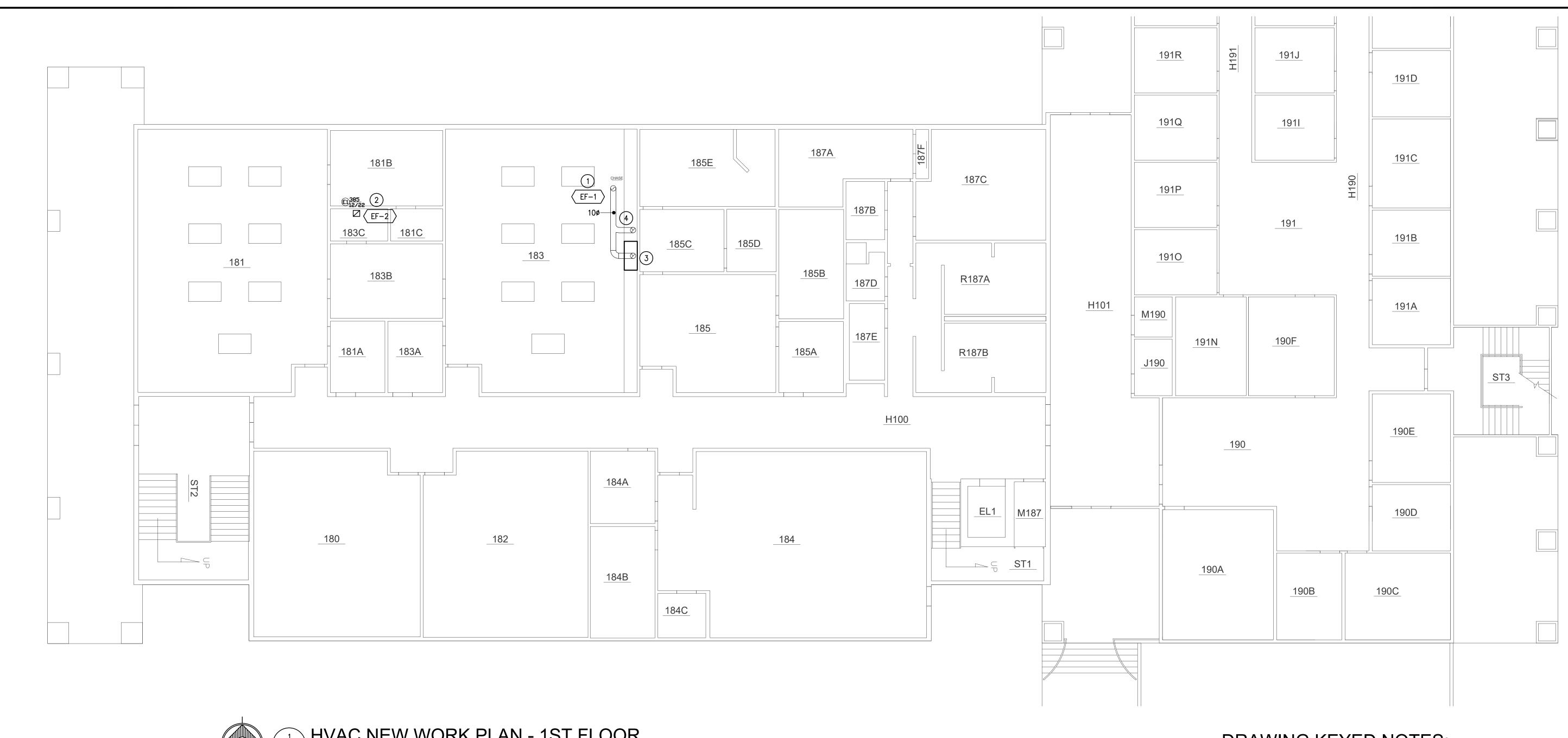
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DACC HEALTH BUILDING
DE COMPRESSED AIR
ACUUM SYSTEMS

ECHANICAL SCHEMATICS DETAILS & SCHEDULS

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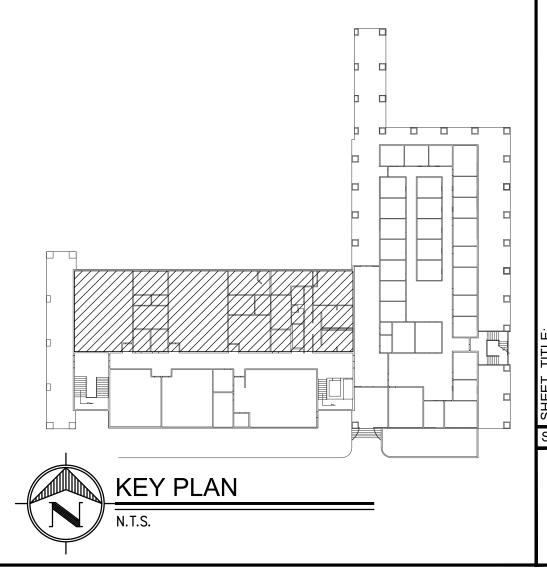
M0.2





DRAWING KEYED NOTES:

- REPLACE EXISTING EF ON ROOF FOR FUME HOOD. INSTALL NEW FUME HOOD EF-1 AS SCHEDULED.
- 2 REPLACE EXISTING EF FOR STORAGE ROOM. CONNECT NEW DUCT TO EXISTING.
- 3 REMOVE EXISTING FUME HOOD COMPLETELY.
- 4 EXISTING 100 DUCT DROP IN CEILING SPACE. REBUILD DUCTWORK TO ACCOMODATE NEW FUME HOOD INSTALLATION..



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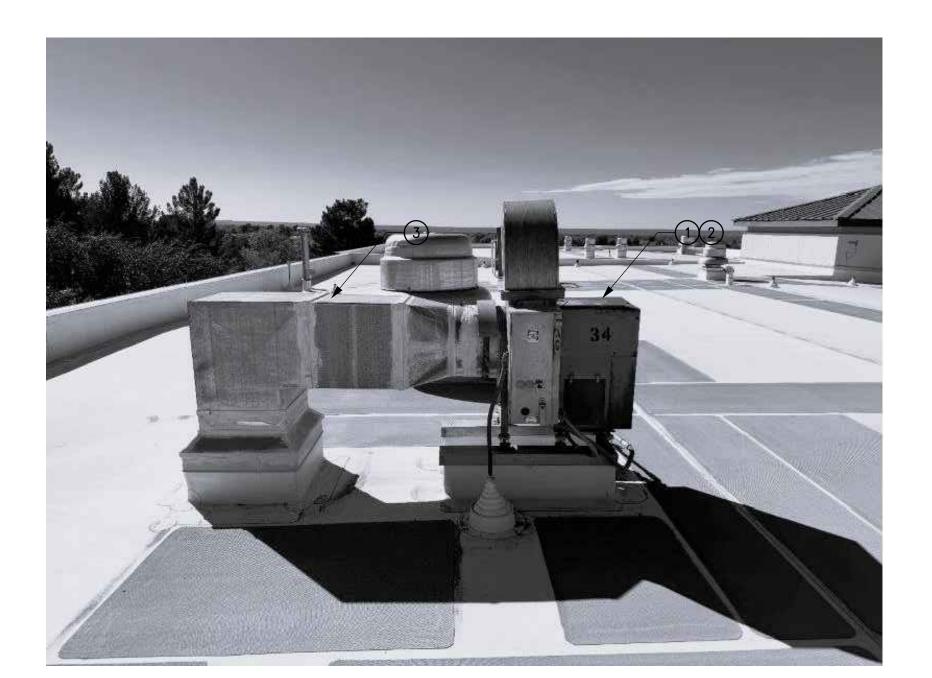
5160 DACC HEALTH BUILDING
UPGRADE COMPRESSED AIR
VACUUM SYSTEMS
DONA ANA, NEW MECXIC

SHEET NO:

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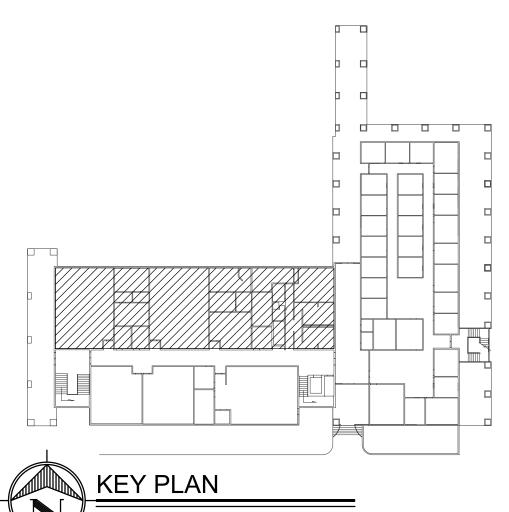




EXISTING FUME HOOD SCHEMATIC

DRAWING KEYED NOTES:

- 1 REPLACE EXISTING EF ON ROOF FOR FUME HOOD. INSTALL NEW FUME HOOD EF-1 AS SCHEDULED.
- 2 REMOVE EXISTING EXHAUST FAN SECTION. REBUILD DROP TO ROOF AND INSTALL NEW EXHAUST FAN ON SKID.
- 3 REBUILD RECTANGULAR TO ROUND DUCT AS REQUIRED TO ACCOMODATE NEW EXHAUST FAN.



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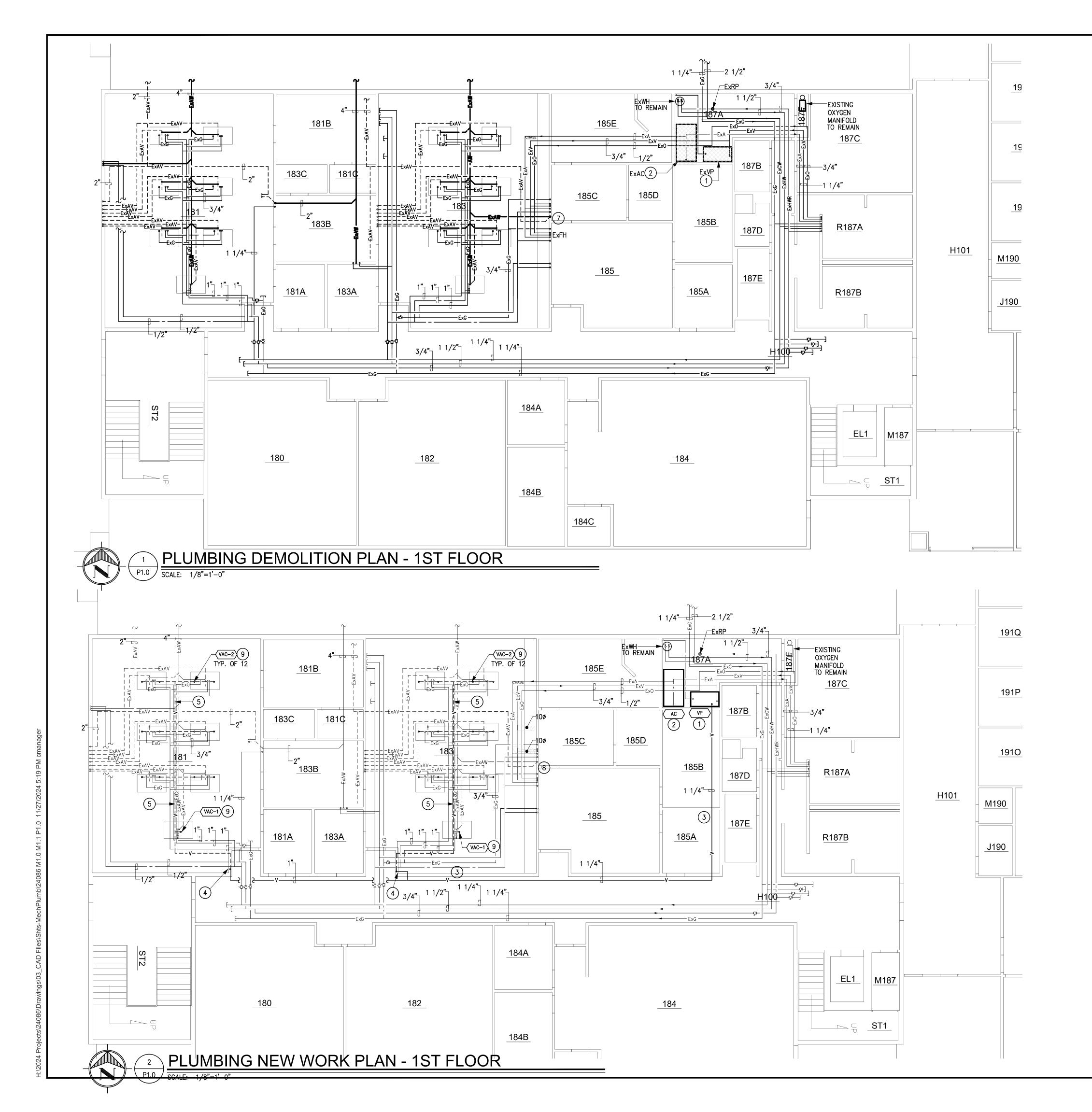
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5160 DACC HEALTH BUILDING
GRADE COMPRESSED AIR
VACUUM SYSTEMS
AANA, NEW MECXIG

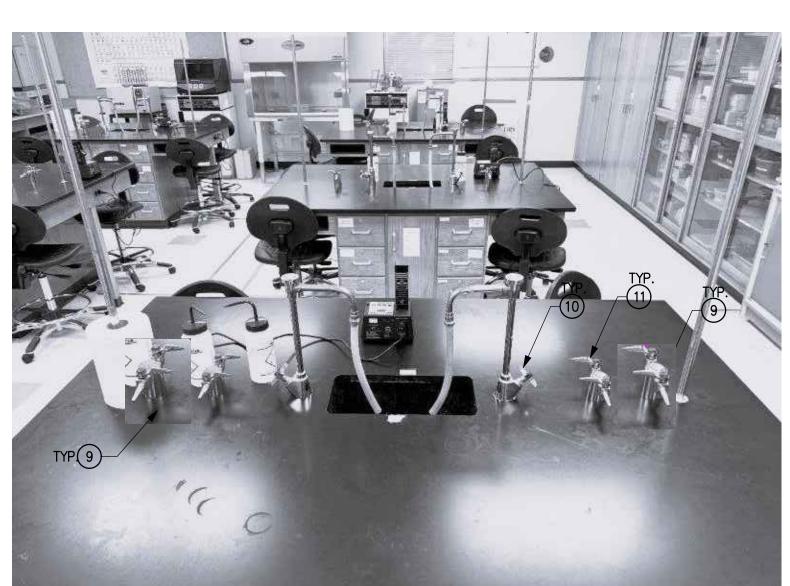
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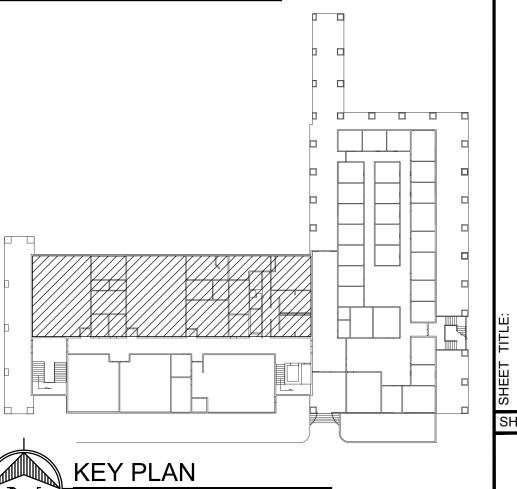


DRAWING KEYED NOTES:

- 1) REMOVE EXISTING VACUUM PUMP AND INSTALL NEW VACUUM PUMP VP AT SAME LOCATION.
- 2 REMOVE EXISTING COMPRESSOR AND INSTALL NEW COMPRESSOR (AC) AT SAME LOCATION.
- 3 INSTALL NEW 1 1/4" VACUUM LINE. CONNECT TO EXISTING MAIN 1 1/4" LINE IN MECHANICAL ROOM. EXTEND ACROSS ADJACENT ROOM TO CORRIDOR.
- 4 EXTEND VACUUM LINE TO WALL IN CLASSROOM AND DROP ADJACENT TO EXISTING VALVE BOX. INSTALL NEW BALL VALVE AND WALL ACCESS PANEL NEXT TO EXISTING. EXTEND VACUUM LINE (1") DOWN WALL INTO FLOOR TRENCH. PATCH AND REPAIR WALL TO MATCH EXISTING.
- 5 EXTEND 1" VACUUM LINE IN FLOOR TRENCH TO EACH LAB TABLE AND INSTRUCTORS TABLE.
- 6 NOT USED.
- 7) REMOVE EXISTING FUME HOOD. DISCONNECT 10" DIAMETER EXHAUST DUCT CONNECTION 1/2"GAS, 1/2"CW, 1/2"V, 1/2"A, 1/2"02.
- 8 INSTALL NEW 6FT. FUME HOOD TO REPLACE EXISTING. CONNECT 10" DIAMETER EXHAUST DUCT, 1/2"CW, ACID WASTE, 1/2" AIR, 1/2"G, 1/2"VAC, 1/2"AIR.
- 9 INSTALL VACUUM TURRET FITTINGS IN EACH LAB TABLE. CONNECT VACUUM PIPING FROM FLOOR TRENCH UP IN TABLE ACCESS SPACE TO TURRET.
- 10 EXISTING WATER TURRET TO REMAIN UNDISTURBED. PROTECT IN
- EXISTING GAS TURRET TO REMAIN UNDISTURBED. PROTECT IN PLACE.

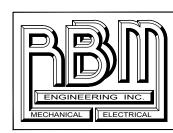


LAB TABLE LAYOUT SCHEMATIC P1.0 N.T.S.



SHEET NO:

P1.0



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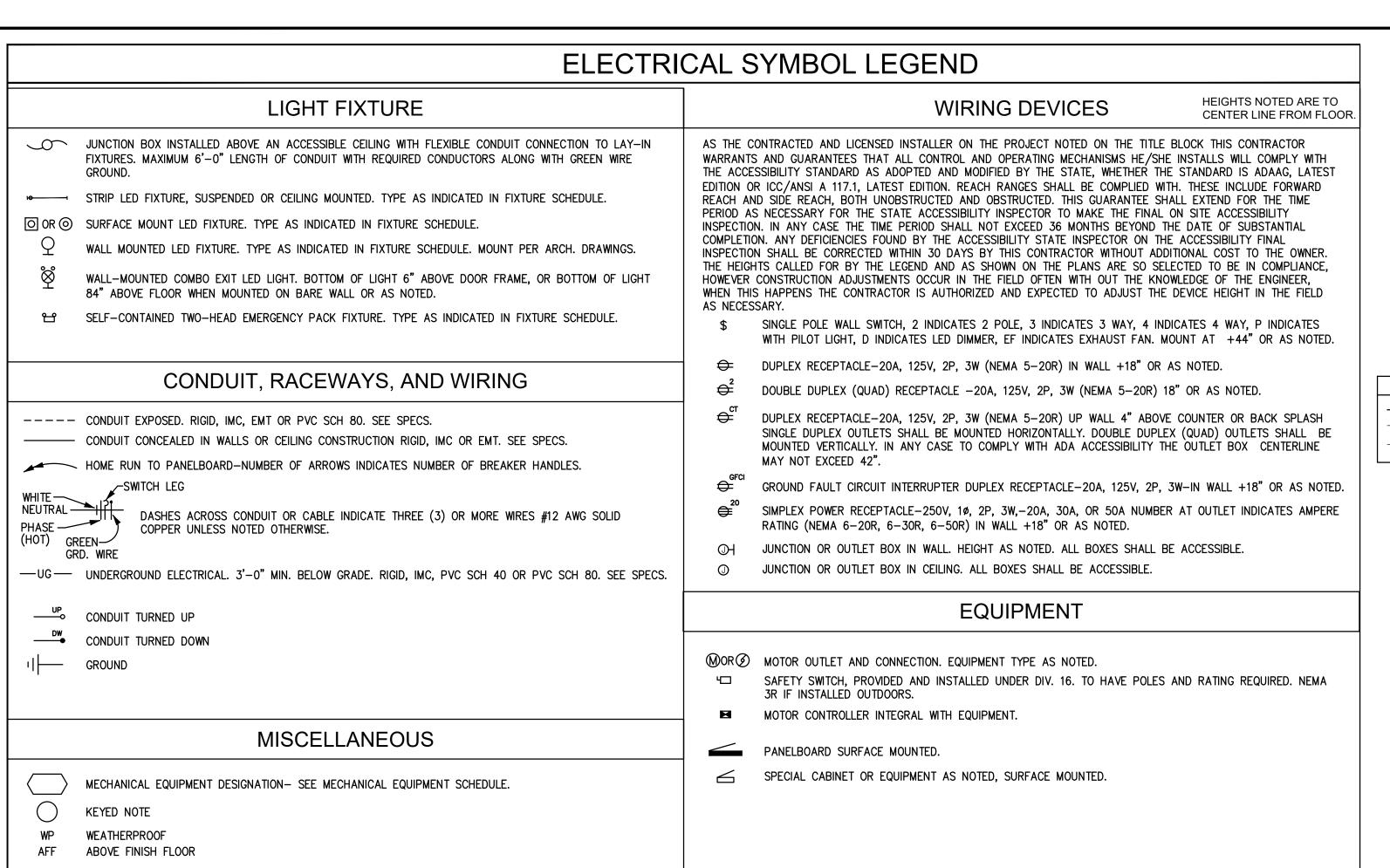
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> LDING ED AII VIS NEW MEC CHEALTH BUIL COMPRESSE UM SYSTEM

5160 DACC GRADE CC



POWER NEW WORK PLAN - 2ND FLOOR

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

UNLESS NOTED OTHERWISE

STATE OF NM GEN. NOTES

- A. THE MOUNTING HEIGHT OF WIRING OR CONTROL DEVICES (SWITCHES, OUTLETS, CONTROLS, DATA JACKS, PHONE JACKS, THERMOSTATS, FIRE ALARM, ELECTRIC DOOR PUSH BUTTONS, ETC.) MUST BE MOUNTED TO COMPLY WITH THE STATE OF NEW MEXICO STANDARDS FOR ACCESSIBILITY. SPECIFICALLY, OUTLETS MUST BE MOUNTED AT MINIMUM 18" A.F.F. TO THE BOTTOM OF THE BOX, AND SWITCHES AND OTHER CONTROLS AT 44" A.F.F. TO THE BOTTOM OF THE BOX UNLESS NOTED OTHERWISE. DEVICES ABOVE COUNTER TOPS AND OBSTRUCTIONS SHALL COMPLY WITH ANSI 117.1.
- B. THE DESIGN OF THE PROJECT IS BASED ON COPPER WIRE, #12 AWG AS THE MINIMUM SIZE. THE BRANCH CIRCUIT WIRING SYSTEM SHALL LIMIT VOLTAGE DROP TO 5% AT THE FURTHEST OUTLET. THE CONTRACTOR SHALL UTILIZE LARGER WIRE SIZES AS NEEDED TO MAINTAIN THIS LIMIT. IT WILL NOT BE UNCOMMON FOR #10 AWG TO BE REQUIRED. AS A RULE OF THUMB, BRANCH CIRCUIT CONDUCTOR LENGTHS LONGER THAN 80' MAY REQUIRE #10 AWG WIRING. CONTRACTOR SHALL UPGRADE WIRING AS NEEDED WHETHER SHOWN ON THE PLANS OR NOT TO COMPLY WITH THE STATE OF NEW MEXICO STANDARDS FOR VOLTAGE DROP.
- C. THE CONTRACTOR MAY INSTALL UP TO 6 CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON DERATINGS FOR UP TO 6 CONDUCTORS AND AN AMBIENT TEMPERATURE OF 122 DEGREES F. THE CONTRACTOR MUST REVISE AMPACITIES FOR OTHER CONDITIONS. CONTACT THE ENGINEER IF NECESSARY.

LEGEND ---- EXISTING TO REMAIN $-\times -\times -\times -\times -$ EXISTING TO BE REMOVE

ELECTRICAL ROOM #221

-----EXISTING PANEL 120/208V, 3ø, 4W _ _ _ _ _ _ _ _ _ 225 AMP. PNL "1EP" "MSB" |"2EP"| 1 2-SEC 120/208V, 3ø, 4W 1,000 AMPS

ELECTRICAL RISER DIAGRAM

SCOPE OF WORK:

- A. REMOVE AND REPLACE EXISTING EQUIPMENT AIR COMPRESSOR. VACUUM PUMP, EXHAUST FANS AND FUME HOOD.
- B. EXTEND EXISTING BRANCH CIRCUITS TO NEW EQUIPMENT.

GENERAL NOTES

A. CONTRACTOR SHALL KEEP CIRCUITS MAINTAINED DURING DEMOLITION.

KEYED NOTES

(1) EXISTING 20A/3P CIRCUIT ZEP-1,3,5 FEEDS "AIR COMPRESSOR". EXISTING 20A/3P CIRCUIT ZEP-7,9,11 FEEDS "VACUUM PUMP".



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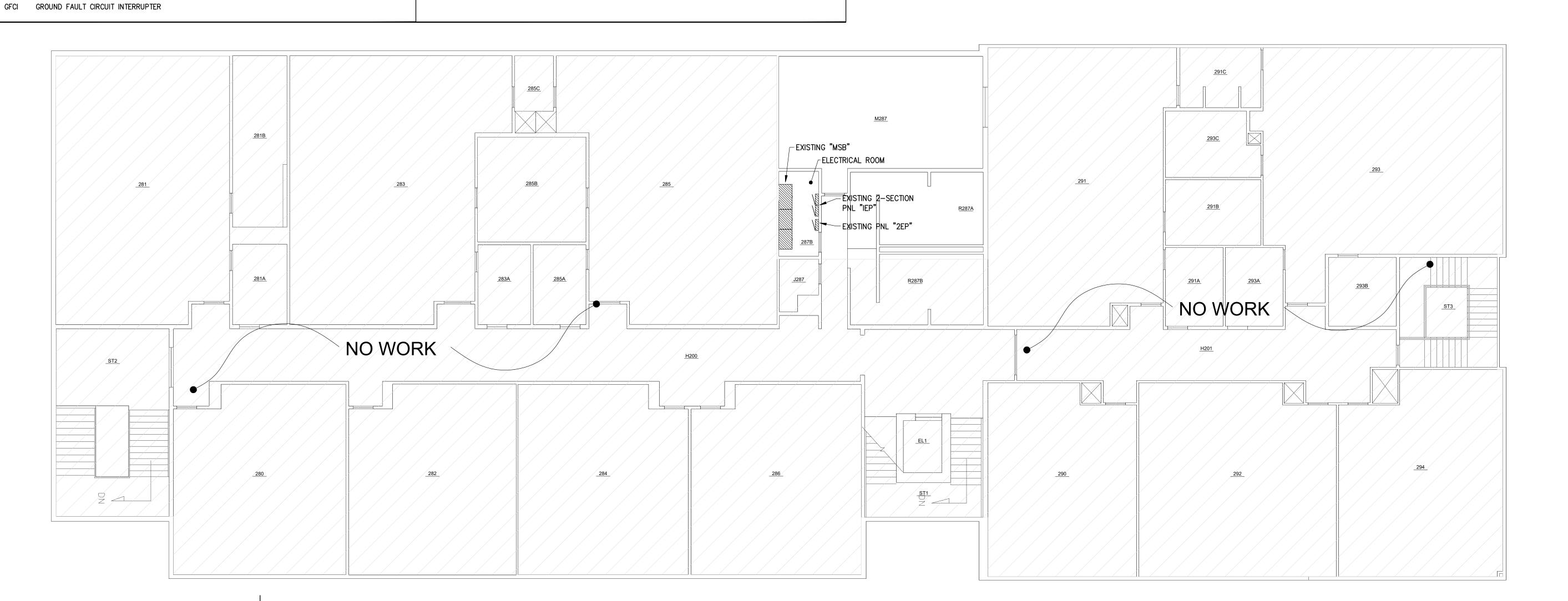
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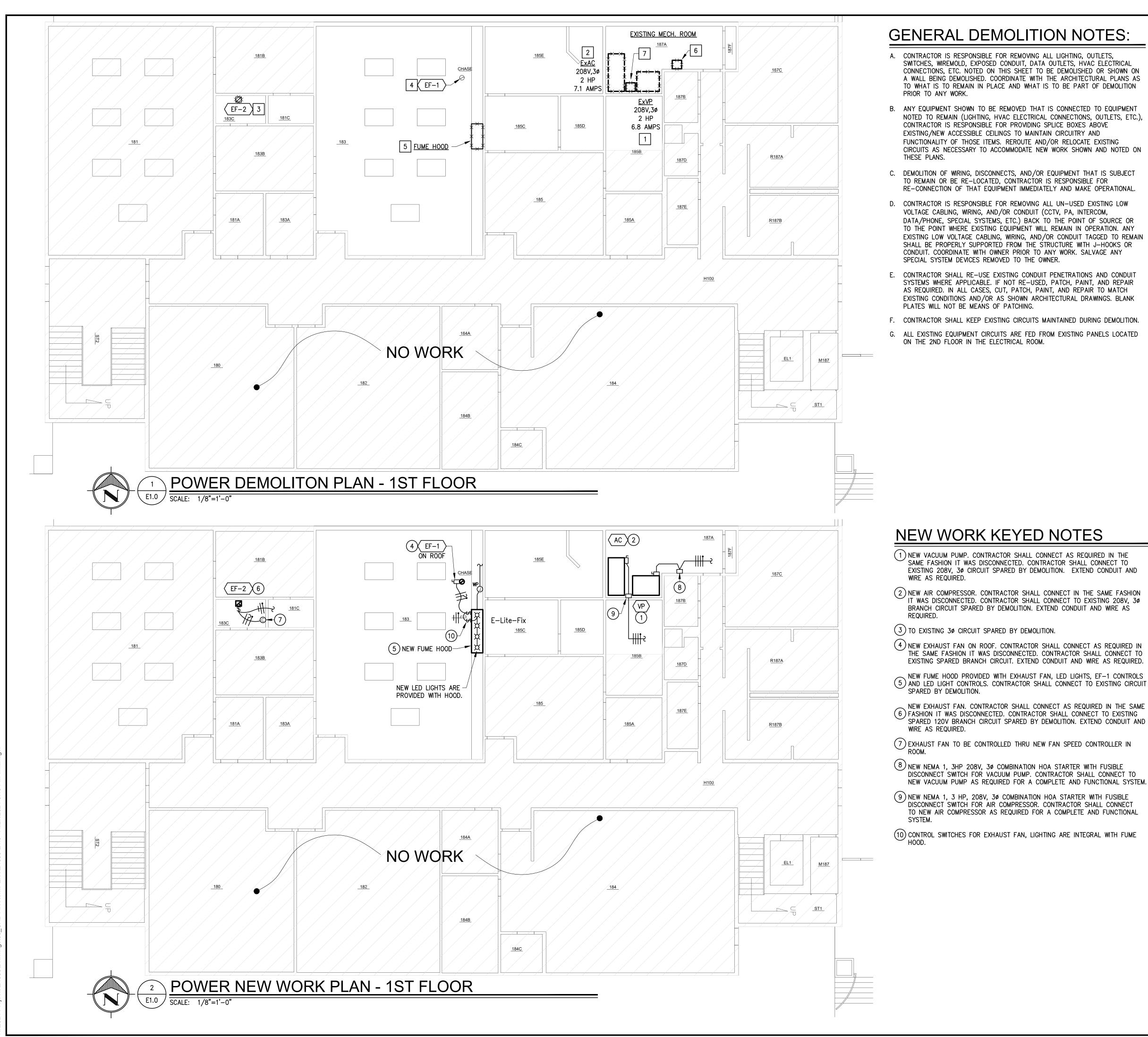
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GENERAL DEMOLITION NOTES:

- A. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL LIGHTING, OUTLETS, SWITCHES, WIREMOLD, EXPOSED CONDUIT, DATA OUTLETS, HVAC ELECTRICAL CONNECTIONS, ETC. NOTED ON THIS SHEET TO BE DEMOLISHED OR SHOWN ON A WALL BEING DEMOLISHED. COORDINATE WITH THE ARCHITECTURAL PLANS AS TO WHAT IS TO REMAIN IN PLACE AND WHAT IS TO BE PART OF DEMOLITION PRIOR TO ANY WORK.
- B. ANY EQUIPMENT SHOWN TO BE REMOVED THAT IS CONNECTED TO EQUIPMENT NOTED TO REMAIN (LIGHTING, HVAC ELECTRICAL CONNECTIONS, OUTLETS, ETC.), CONTRACTOR IS RESPONSIBLE FOR PROVIDING SPLICE BOXES ABOVE EXISTING/NEW ACCESSIBLE CEILINGS TO MAINTAIN CIRCUITRY AND FUNCTIONALITY OF THOSE ITEMS. REROUTE AND/OR RELOCATE EXISTING CIRCUITS AS NECESSARY TO ACCOMMODATE NEW WORK SHOWN AND NOTED ON THESE PLANS.
- C. DEMOLITION OF WIRING, DISCONNECTS, AND/OR EQUIPMENT THAT IS SUBJECT TO REMAIN OR BE RE-LOCATED, CONTRACTOR IS RESPONSIBLE FOR RE-CONNECTION OF THAT EQUIPMENT IMMEDIATELY AND MAKE OPERATIONAL.
- D. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL UN-USED EXISTING LOW VOLTAGE CABLING, WIRING, AND/OR CONDUIT (CCTV, PA, INTERCOM, DATA/PHONE, SPECIAL SYSTEMS, ETC.) BACK TO THE POINT OF SOURCE OR TO THE POINT WHERE EXISTING EQUIPMENT WILL REMAIN IN OPERATION. ANY EXISTING LOW VOLTAGE CABLING, WIRING, AND/OR CONDUIT TAGGED TO REMAIN SHALL BE PROPERLY SUPPORTED FROM THE STRUCTURE WITH J-HOOKS OR CONDUIT. COORDINATE WITH OWNER PRIOR TO ANY WORK. SALVAGE ANY SPECIAL SYSTEM DEVICES REMOVED TO THE OWNER.
- CONTRACTOR SHALL RE-USE EXISTING CONDUIT PENETRATIONS AND CONDUIT SYSTEMS WHERE APPLICABLE. IF NOT RE-USED, PATCH, PAINT, AND REPAIR AS REQUIRED. IN ALL CASES, CUT, PATCH, PAINT, AND REPAIR TO MATCH EXISTING CONDITIONS AND/OR AS SHOWN ARCHITECTURAL DRAWINGS. BLANK PLATES WILL NOT BE MEANS OF PATCHING.
- F. CONTRACTOR SHALL KEEP EXISTING CIRCUITS MAINTAINED DURING DEMOLITION.
- G. ALL EXISTING EQUIPMENT CIRCUITS ARE FED FROM EXISTING PANELS LOCATED ON THE 2ND FLOOR IN THE ELECTRICAL ROOM.

DEMOLITION KEYED NOTES

- 1 EXISTING VACUUM PUMP IS SCHEDULED TO BE REMOVED AND PREPLACE WITH NEW CONTRACTOR SHALL DISCONNECT EXISTING. CONTRACTOR SHALL KEEP CIRCUIT MAINTAINED DURING DEMOLITION.
- 2 EXISTING AIR COMPRESSION IS SCHEDULED TO BE REMOVED AND REPLACED WITH NE CONTRACTOR HALL DISCONNECT EXISTING
- 3 EXISTING EXHAUST FAN TO BE REMOVED, DISCONNECTED AND REPLACED WITH NEW. CONTRACTOR SHALL KEEP CIRCUIT MAINTAINED DURING DEMOLITION.
- 4 EXISTING EXHAUST FAN TO BE REMOVED, DISCONNECTED AND REPLACED WITH NEW. CONTRACTOR SHALL KEEP CIRCUIT MAINTAINED DURING DEMOLITION.

CONTRACTOR SHALL KEEP CIRCUIT MAINTAINED DURING DEMOLITION.

- 5 EXISTING FUME HOOD IS SCHEDULED TO BE REMOVED AND REPLACED
- 6 EXISTING 30A DISCONNECT SWITCH WITH HOA STARTER FOR VACUUM PUMP TO BE REMOVED AND REPLACED WITH NEW.
- 7 EXISTING 30A COMBINATION DISCONNECT SWITCH WITH HOA STARTER ─ FOR AIR COMPRESSOR TO BE REMOVED AND REPLACED WITH NEW.

RBM ENGINEERING INC. 1065 S. MAIN ST. BLDG D STE. A LAS CRUCES, NM 88005 (575) 647-1554 FAX (575) 647-1563 rbm@rbm.cc

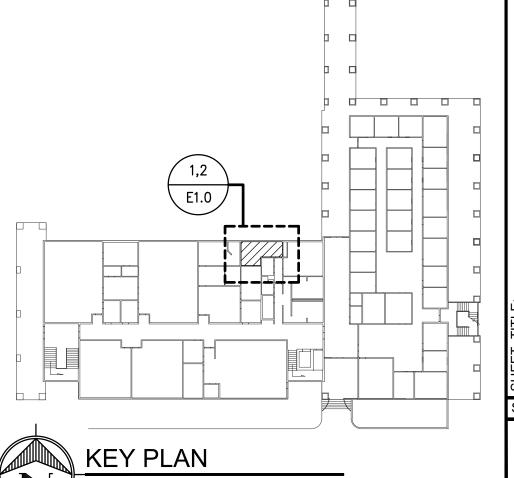


November 27, 2024

PROJECT NO.	24086							
DESIGN BY:	RBM							
DRAWN BY:	CAD							
CHECKED BY:	RBM							
APPROVED BY:	RBM							

BUIL SSE TEN

MECHANICAL EQUIPMENT LIST									
MARK(X)	DESCRIPTION	VOLTAGE	HP						
AC	AIR COMPRESSOR	208V, 3ø	3						
VAC	VACUUM PUMP	208V, 3ø	3						
EF-1	EXHAUST FAN	208V, 3ø	3/4						
EF-2	EXHAUST FAN	120V, 1ø	1/4						
				<u> </u>					



SHEET NO:

5160 GRAI

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