

Generator and Electrical Equipment Replacement BRIGGS CHANEY ELEMENTARY SCHOOL

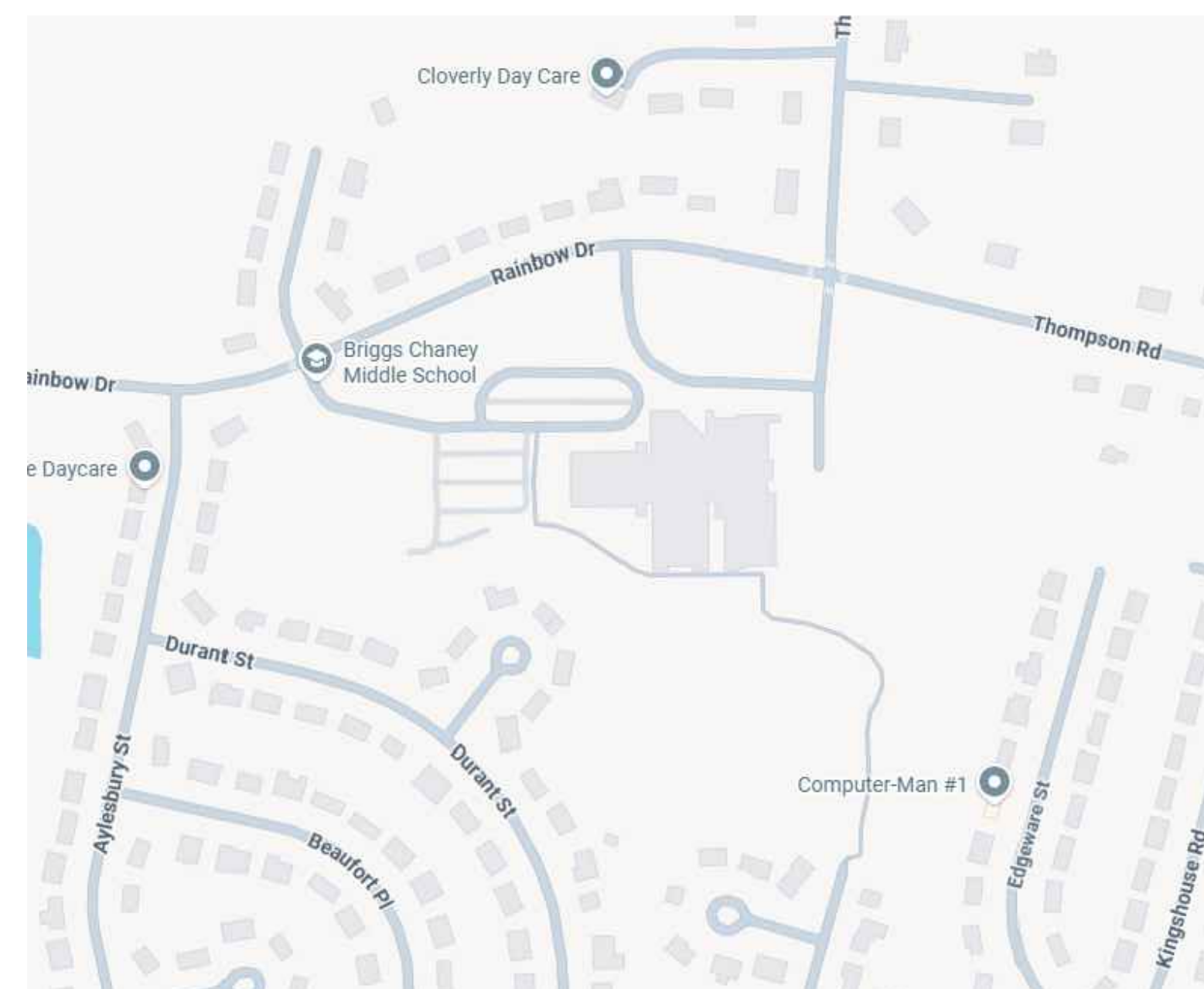
1901 RAINBOW DRIVE, SILVER SPRING, MD 20905
Montgomery County Public Schools

MECHANICAL AND ELECTRICAL ENGINEERS

JAMES POSEY ASSOCIATES, INC.
11155 RED RUN BOULEVARD, SUITE 310
BALTIMORE, MARYLAND 21117
PHONE: 410.265.6100

GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
BRIGGS CHANEY MIDDLE SCHOOL
1901 RAINBOW DRIVE
SILVER SPRING, MD 20905
MONTGOMERY COUNTY PUBLIC SCHOOLS

VICINITY PLAN



AERIAL SITE PLAN

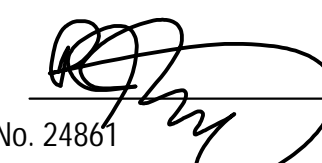


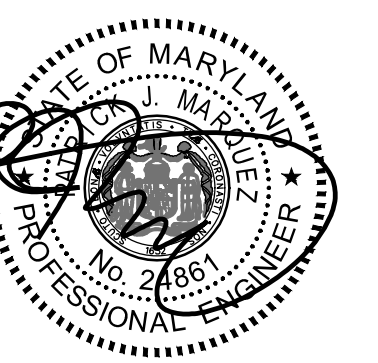
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PROFESSIONAL CERTIFICATION

These contract documents for Briggs Chaney Middle School were prepared under my supervision and to the best of my knowledge, information, and belief, they comply with the relevant building codes of the State of Maryland.

04/23/26 (Date) 
Maryland Professional Engineer Registration No. 24861



Professional Certification
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland. License No. 24861. Expiration date: 02-24-2028.

APPLICABLE CODES & STANDARDS

- 2021 IBC: INTERNATIONAL BUILDING CODE
- 2021 IMC: INTERNATIONAL MECHANICAL CODE
- 2021 IPC: INTERNATIONAL PLUMBING CODE WITH WSSC AMENDMENTS
- ASHRAE 90.1: ENERGY STANDARD FOR BUILDINGS EXCEPT LOW RISE RESIDENTIAL BUILDINGS.
- 2017 NEC: NATIONAL ELECTRICAL CODE
- ASHRAE 2017-2020 HANDBOOKS.



Engineering Your Vision
Mechanical & Electrical
Consulting Engineers
11155 Red Run Boulevard, Suite 310
Baltimore, Maryland 21117
tel 410-265-6100
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SCOPE OF WORK

- SCOPE OF WORK GENERALLY CONSISTS OF THE FOLLOWING OVER TWO PHASES. PHASE 1 SHALL CONSIST OF THE FOLLOWING:
- PROVIDE CONDUITS AND RACEWAYS FOR NEW GENERATOR.
 - PROVIDE CONDUITS AND RACEWAYS FOR NEW DEVICES AND CONNECTIONS TO EXISTING EQUIPMENT. FINAL CONNECTIONS TO NEW DEVICES AND EXISTING EQUIPMENT SHALL BE PERFORMED DURING THE SECOND SUMMER.
 - PROVIDE NEW CONCRETE PAD FOR NEW GENERATOR.
 - CONNECT LIGHTING FIXTURES IN TOILET ROOMS ON NORMAL CIRCUITS TO EXISTING EMERGENCY LIGHTING CIRCUITS, WHERE INDICATED ON DRAWINGS.
- PROJECT SCOPE SHALL INCLUDE THE WORK FOR PHASE 2:
- REMOVE EXISTING GENERATOR, PROPANE TANK, AND ASSOCIATED LPG PIPING AND EQUIPMENT.
 - PROVIDE NEW GENERATOR AND ASSOCIATED GAS PIPING AND EQUIPMENT.
 - CONNECT EXISTING BOILERS AND ASSOCIATED PUMPS TO THE NEW STANDBY PANELBOARD.
 - CONNECT EXISTING KITCHEN REFRIGERATION EQUIPMENT TO NEW STANDBY PANELBOARD.
 - CONNECT EXISTING MAIN TELECOM ROOM RECEPTACLES TO THE NEW STANDBY PANELBOARD.
 - CONNECT NORMAL LIGHTING FIXTURES IN THE MAIN MECHANICAL ROOM/BOILER ROOM AND MAIN ELECTRICAL ROOM TO THE NEW EMERGENCY PANELBOARD.
 - CONNECT LIGHTING FIXTURES IN TOILET ROOMS ON NORMAL CIRCUITS TO THE NEW EMERGENCY PANELBOARD, WHERE INDICATED ON DRAWINGS.
- THE SCOPE OF WORK INDICATED ON THIS SHEET IS INTENDED AS A BRIEF SUMMARY FOR GENERAL INFORMATIONAL PURPOSES ONLY, AND DOES NOT NECESSARILY INCLUDE ALL OF THE WORK REQUIRED. THE CONTRACTOR SHALL PROVIDE MATERIALS AND LABOR AS REQUIRED TO COMPLETE THE WORK AS INDICATED IN THE CONTRACT DOCUMENTS.

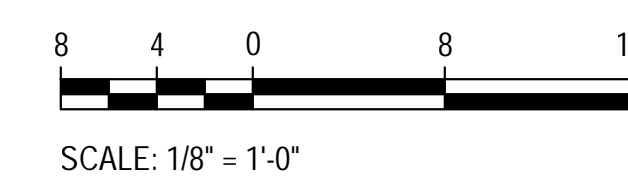
BOARD OF EDUCATION

DR. THOMAS W. TAYLOR	SUPERINTENDENT
MS. ANDREA SWIATOCZA	DEPUTY CHIEF, MCPS DIVISION OF FACILITIES MANAGEMENT
MS. GRACE RIVERA-OVEN	PRESIDENT / DISTRICT 1
MS. BRENDA WOLFF	VICE PRESIDENT / DISTRICT 5
MS. KARLA SILVESTRE	AT LARGE
MS. JULIE YANG	DISTRICT 3
MS. RITA MONTOYA	AT LARGE
MS. LAURA STEWART	DISTRICT 4
MS. NATALIE ZIMMERMAN	DISTRICT 2
MS. ANUVA MALOO	STUDENT MEMBER

CODE ANALYSIS

CODE ANALYSIS (FROM INTERNATIONAL BUILDING CODE/2021)		
	EXISTING BLDG	PROPOSED ALTERATION
IBC OCCUPANCY CLASSIFICATION	E	THE SCOPE OF THIS WORK IS TO REPLACE EXISTING GENERATOR AND REVISE NORMAL LIGHTING CIRCUITS IN TOILET ROOMS, BOILER ROOM AND ELEC ROOM TO EMERGENCY LIGHTING.
TYPE OF CONSTRUCTION	IIB	THERE IS NO INCREASE IN FLOOR AREA. NO SITE CHANGES. NO CHANGE IN CLASSIFICATION OR TYPE OF CONSTRUCTION.
NUMBER OF STORIES ABOVE GRADE	1	
HIGH RISE (Y/N)	N	
FIRE ALARM (Y/N)	Y	
FULLY SPRINKLERED (Y/N)	Y	
TOTAL BUILDING FLOOR AREA	115,000 SF	

GRAPHIC SCALES



CAUTION: EXCEPT WHERE DIMENSIONS ARE INDICATED, GRAPHIC SCALE MUST BE USED.

Tag	Description	Date
	BID SET	4/23/26

Scale	AS NOTED
Project No.	8275-26
Date	APRIL 23, 2026

Drawing Title
TITLE SHEET

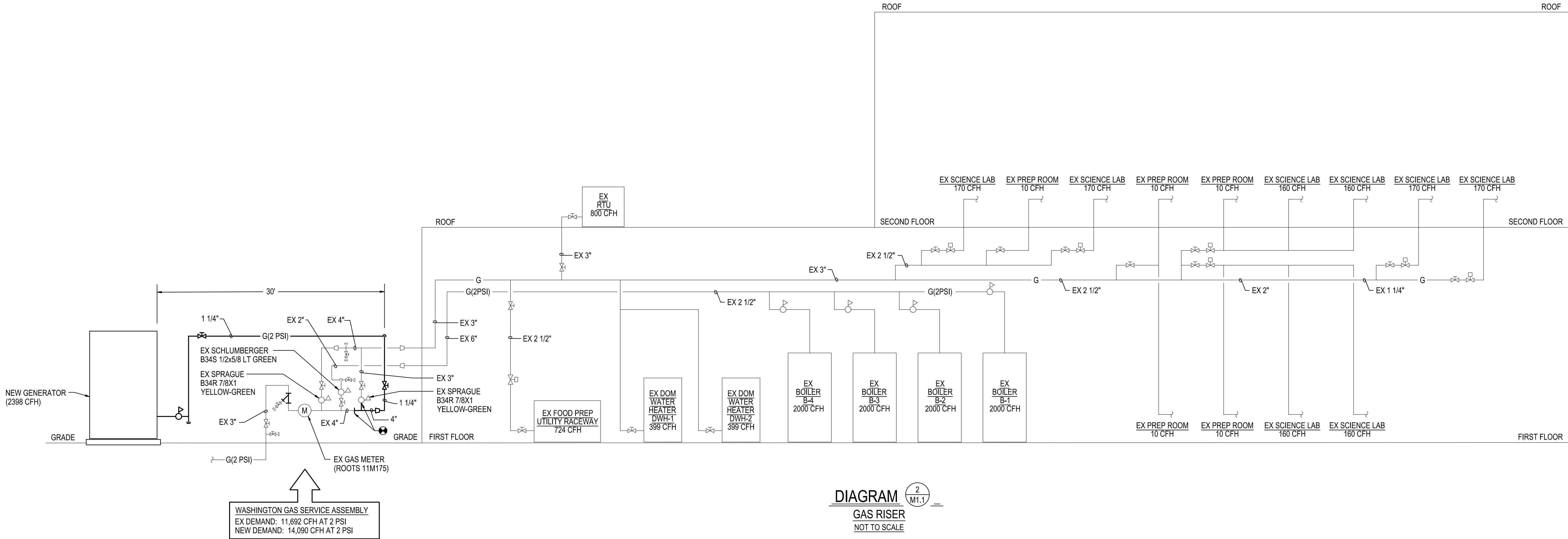
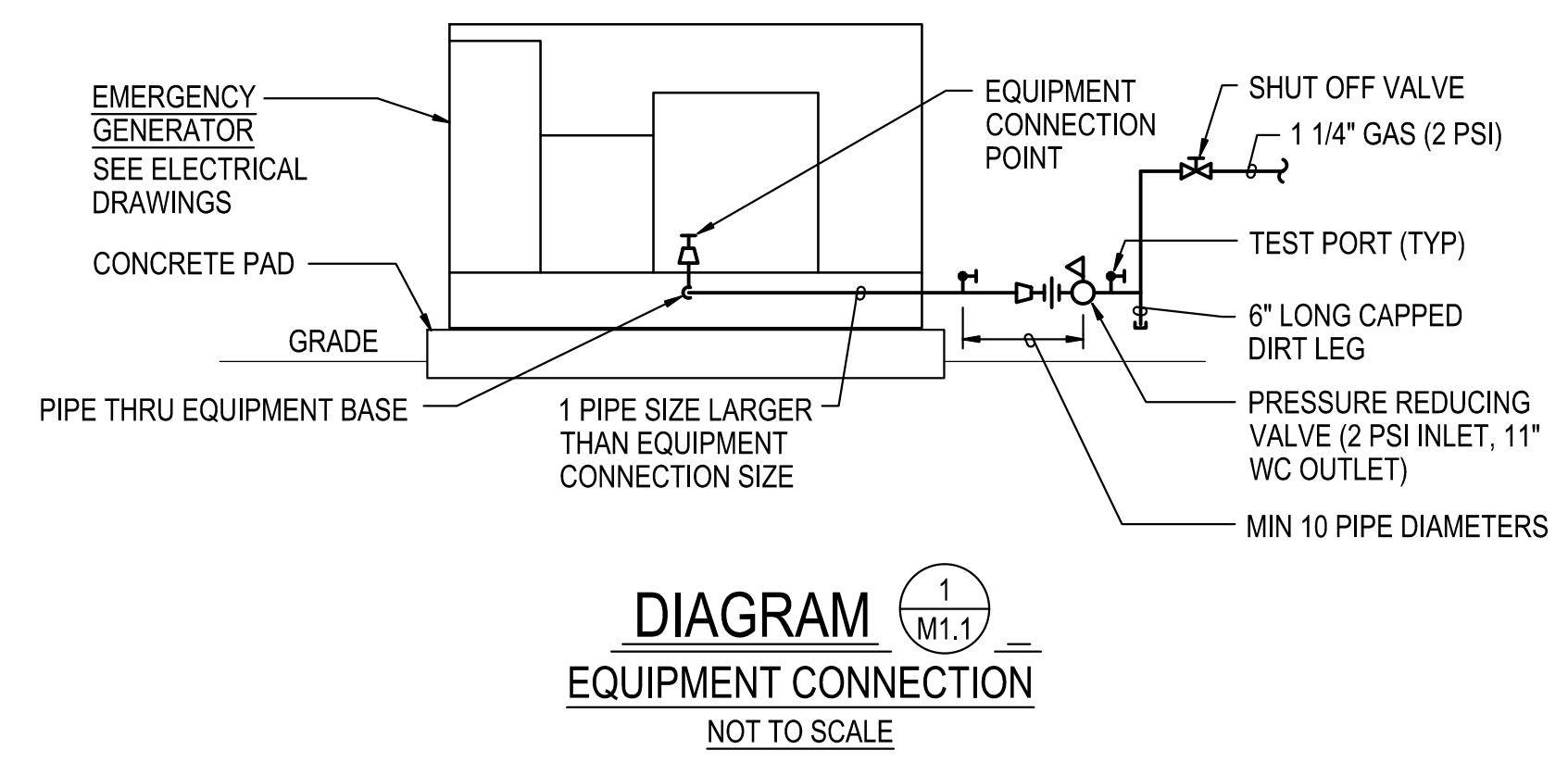
Drawing No.:
T1.1



Professional Certification:
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 33986, Expiration date: 01-16-2027.

James Posey Associates
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 Mechanical & Electrical Consulting Engineers
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 tel 410-265-6100
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MECHANICAL SYMBOLS AND ABBREVIATIONS			
— G —	LOW PRESSURE GAS PIPE	ø	INDICATES DIAMETER
— G (2 PSI) —	MEDIUM PRESSURE GAS PIPE	A/D	ACCESS DOOR
— S —	SPRINKLER PIPE	AAV	AUTOMATIC AIR VENT
— E —	PIPE CAP OR PLUG	ABV	ABOVE
— U —	UNION	AFF	ABOVE FINISHED FLOOR
— V —	SHUT-OFF VALVE	BLDG	BUILDING
— SV —	SOLENOID VALVE	BLW	BELOW
— PR —	PRESSURE REDUCING / REGULATING VALVE	BTUH	BRITISH THERMAL UNITS PER HOUR
— M —	METER	CFH	CUBIC FEET PER HOUR
— GC —	GAUGE COCK / TEST PORT	CFM	CUBIC FEET PER MINUTE
— CR —	CONCENTRIC REDUCER	CLG	CEILING
— ER —	ECCENTRIC REDUCER	CONC	CONCRETE
— F —	FLOW DIRECTION ARROW	CW	DOMESTIC COLD WATER PIPE
— S —	STRAINER	DIA	DIAMETER
— S —	SPRINKLER	EA	EXHAUST AIR
— P —	POINT OF CONNECTION, NEW TO EXISTING	ETR	EXISTING TO REMAIN
— T —	DEMOLITION WORK TERMINATION POINT	EX	EXISTING
— 1 —	SYMBOL FOR SPECIFIC NOTE, NOTE APPLIES TO DRAWING ON WHICH IT OCCURS.	EXH	EXHAUST
— 3 —	DETAIL OR DIAGRAM NO. 3 SHOWN ON DRAWING M1.1	FL	FLOOR
		FT	FEET
		G	GAS PIPE
		GALV	GALVANIZED
		IN	INCH, INCHES
		MAX	MAXIMUM
		MBH	THOUSAND BTU'S PER HOUR
		MCPS	MONTGOMERY COUNTY PUBLIC SCHOOLS
		MECH	MECHANICAL
		MFR	MANUFACTURER
		MIN	MINIMUM
		NC	NORMALLY CLOSED
		NIC	NOT IN CONTRACT
		NO	NORMALLY OPEN
		OA	OUTDOOR AIR
		PSI	POUNDS PER SQUARE INCH
		RX	REMOVE EXISTING
		TYP	TYPICAL
		UON	UNLESS OTHERWISE NOTED



ABOVE GROUND PIPE: SCHEDULE 40 STEEL PIPE
 PIPE REGULATORS PER IPC 2015 408 AND 410.2.
 VENT REGULATORS PER 410.3

Tag	Description	Date
	BID SET	4/23/26

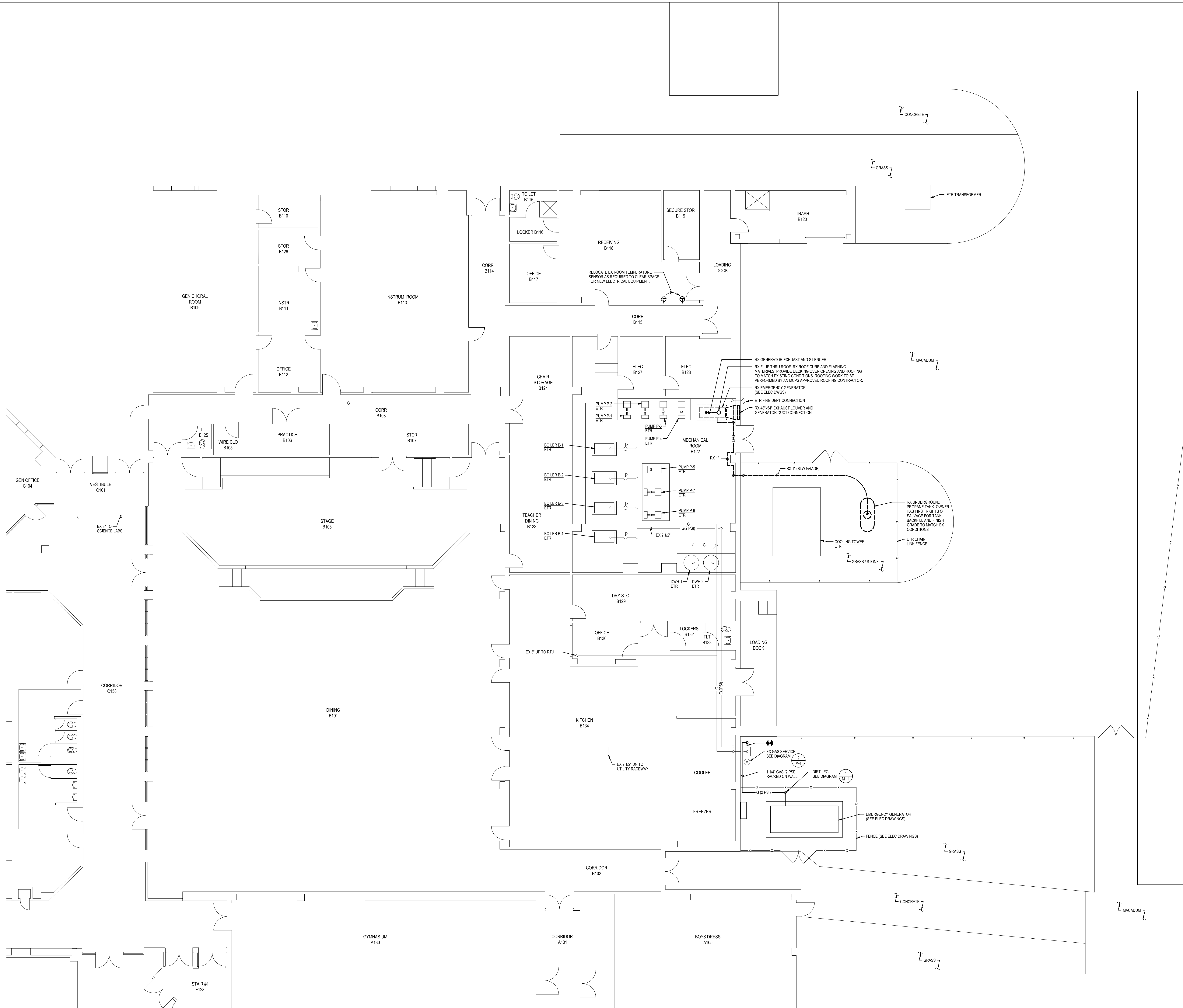
Scale: AS NOTED
 Project No.: 8275-26
 Date: APRIL 23, 2026

Drawing Title:
DIAGRAMS, SYMBOLS AND ABBREVIATIONS

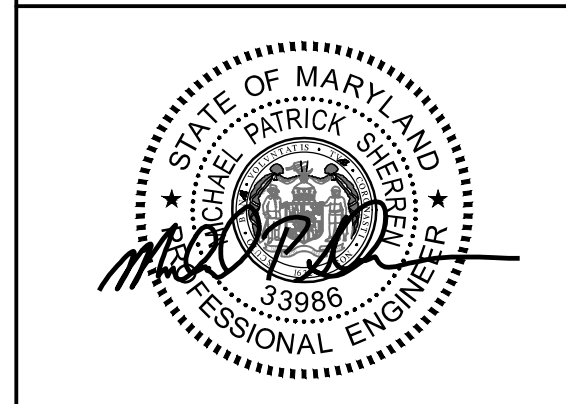
Drawing No.:
M1.1

GENERAL NOTES:

- A. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE EXISTING CONDITIONS IN DETAIL OR DIMENSION. DETERMINE EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
- B. DEMOLITION SHALL INCLUDE REMOVAL AND OFF-SITE DISPOSAL OF MATERIALS. DO NOT ABANDON IN PLACE ANY MECHANICAL AND RELATED ELECTRICAL COMPONENTS UNLESS OTHERWISE NOTED ON DRAWINGS.
- C. UNLESS OTHERWISE NOTED, MECHANICAL/PLUMBING ITEMS SHOWN HEAVY DASHED (---) SHALL BE REMOVED. ITEMS SHOWN LIGHT SOLID SHALL BE NEW (—) AND ITEMS SHOWN LIGHT (---) SHALL REMAIN.
- D. NEW GENERATOR AND GAS PIPING TO BE INSTALLED BEFORE EXISTING IS REMOVED. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL PIPING INFORMATION.



GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
BRIGGS CHANEY MIDDLE SCHOOL
 1901 RAINBOW DRIVE
 SILVER SPRING, MD 20905
 MONTGOMERY COUNTY PUBLIC SCHOOLS

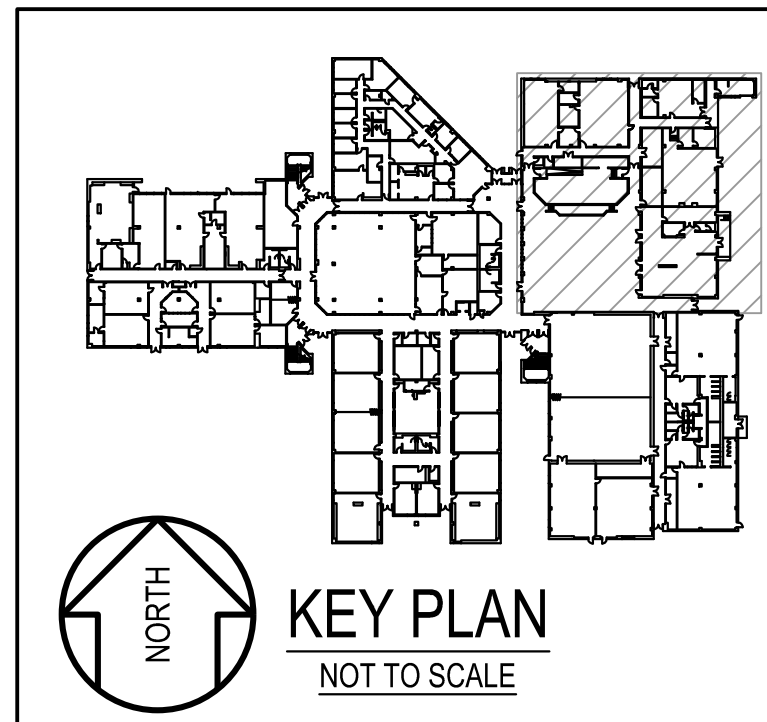


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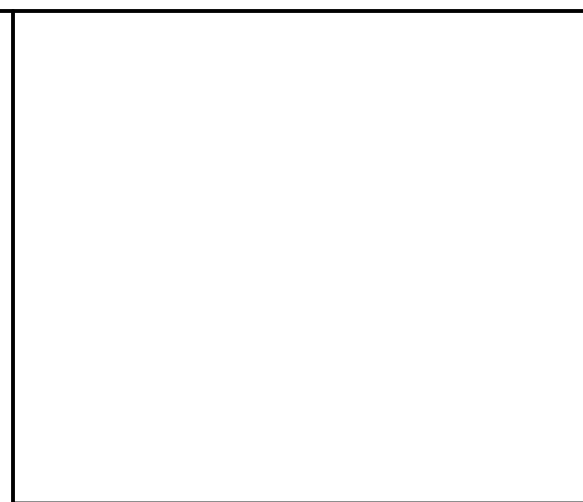
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Tag	Description	Date
	BID SET	4/23/26

Scale	AS NOTED
Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART FIRST FLOOR PLAN - DEMOLITION AND NEW WORK
Drawing No.:	M1.2



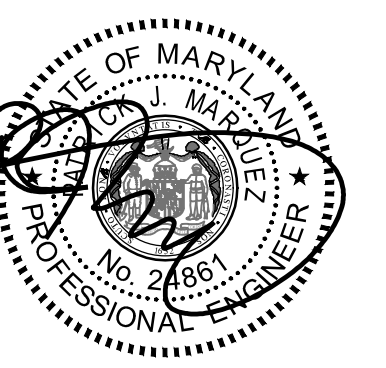
1
M1.2
PART FIRST FLOOR PLAN
DEMOLITION AND NEW WORK
 SCALE: 1/8"=1'-0"



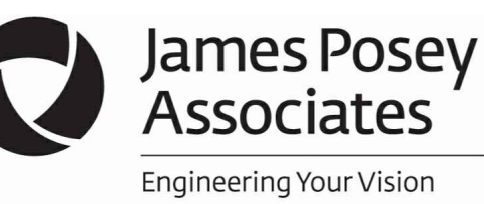
ELECTRICAL SYMBOLS AND ABBREVIATIONS

GENERAL		NEW WORK																																																																																							
<p>○ DENOTES REFERENCE TO SPECIFIC NOTE ON DRAWING.</p> <p>ED# DETAIL, DIAGRAM OR PLAN NUMBER</p> <p>—#E#— DRAWING NUMBER WHERE DETAIL, DIAGRAM OR PLAN IS LOCATED.</p> <p>#E#.# DETAIL, DIAGRAM OR PLAN REFERENCE: DETAIL, DIAGRAM OR PLAN NUMBER/DRAWING NUMBER</p> <p>NOTES:</p> <p>A. PROVIDE DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT.</p> <p>B. PROVIDE RIGID GALVANIZED STEEL (RGS) CONDUIT ELBOWS WHERE CONDUIT IS STUBBED UP THROUGH CONCRETE SLAB OR WHERE PENETRATING FLOOR SLABS.</p> <p>C. THE EXISTING FACILITY WILL REMAIN IN OPERATION DURING RENOVATION. INTERRUPTION TO THE EXISTING BUILDING ELECTRIC SERVICE SHALL BE COORDINATED WITH THE USER TO MINIMIZE DISRUPTION. INTERRUPTION OF UTILITIES SHALL NOT OCCUR DURING SCHOOL WORK HOURS.</p>	<p> HOMERUN TO PANELBOARD. NUMBER OF HASH MARKS INDICATES NUMBER OF WIRES PLUS GROUND WIRE. REFER TO PANEL SCHEDULES FOR CONDUCTOR SIZES. PROVIDE GROUND WIRES IN CONDUITS.</p> <p> WIRING IN CONDUIT RUN CONCEALED IN CEILING SPACE ABOVE CEILINGS AND EXPOSED IN OPEN CEILINGS, UNLESS OTHERWISE NOTED. PROVIDE GROUND WIRES IN CONDUITS.</p> <p> WIRING IN CONDUIT CONTINUED.</p> <p> ELECTRIC PANELBOARD (277/480V), SURFACE MOUNTED.</p> <p> TRANSFORMER.</p> <p> ELECTRIC PANELBOARD (120/208V), SURFACE MOUNTED.</p> <p> EQUIPMENT CABINET AS NOTED.</p> <p> ENCLOSED CIRCUIT BREAKER.</p> <p> ENCLOSED SWITCH (DISCONNECT/SAFETY SWITCH) IN NEMA TYPE 1 ENCLOSURE. MOUNT 5'-6" ABOVE FLOOR TO TOP OF ENCLOSURE, UNLESS OTHERWISE NOTED. RATING AND FUSING AS INDICATED ON PLANS.</p> <p> ELECTRIC MOTOR CONNECTION.</p> <p> HARD-WIRED ELECTRICAL CONNECTION. CONNECT TO EQUIPMENT AS NOTED.</p> <p> AUTOMATIC TRANSFER SWITCH.</p> <p> DUPLEX RECEPTACLE (NEMA 5-20R) SURFACE MOUNTED 16" ABOVE FLOOR TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED.</p> <p> DOUBLE-DUPLEX (QUAD) RECEPTACLE (NEMA 5-20R) SURFACE MOUNTED 16" ABOVE FLOOR TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED.</p> <p> DUPLEX RECEPTACLE (NEMA 5-20R) ON GENERATOR STANDBY POWER, SURFACE MOUNTED 16" ABOVE FLOOR TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED. RECEPTACLES DESIGNATED WITH THE LETTERS "WP" SHALL BE WEATHER-RESISTANT AND GFCI TYPE.</p> <p> DUPLEX RECEPTACLE (NEMA 5-20R) ON GENERATOR STANDBY POWER, SURFACE MOUNTED 48" ABOVE FLOOR TO TOP OF BOX, UNLESS OTHERWISE NOTED. RECEPTACLES DESIGNATED WITH THE LETTER "H" SHALL BE HOSPITAL GRADE TYPE.</p> <p> DOUBLE-DUPLEX (QUAD) RECEPTACLE (NEMA 5-20R) ON GENERATOR STANDBY POWER, SURFACE MOUNTED 16" ABOVE FLOOR TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED.</p> <p> GENERATOR "EMERGENCY SHUTOFF" SWITCH, FURNISHED WITH GENERATOR, LOCATED 48" ABOVE FLOOR TO TOP OF BOX.</p> <p> MONITORING MODULES. PROVIDE FIRE ALARM WIRING IN CONDUIT AND CONNECT MONITORING MODULES TO EXISTING FIRE DETECTION AND ALARM SYSTEM FOR "GENERATOR RUN" AND "GENERATOR FAULT". MAKE CONNECTIONS NECESSARY FOR COMPLETE INSTALLATION. RE-PROGRAM FIRE ALARM CONTROL PANEL AS REQUIRED.</p> <p> EXISTING DATA/TELEPHONE OUTLET REINSTALLED AND RECONNECTED TO EXISTING CABLING. PROVIDE NEW SURFACE MOUNTED RACEWAY, SURFACE MOUNTED OUTLET BOX, AND COVER PLATE FOR EXISTING JACK AND CABLING.</p>																																																																																								
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<p> DISCONNECT AND REMOVE EXISTING WIRING IN CONDUIT, UNLESS OTHERWISE NOTED.</p> <p> DISCONNECT AND REMOVE EXISTING HOMERUN WIRING IN CONDUIT BACK TO SOURCE.</p> <p> DISCONNECT AND REMOVE EXISTING PANELBOARD OR CABINET AS INDICATED.</p> <p> DISCONNECT AND REMOVE EXISTING TRANSFORMER, INCLUDING HOUSEKEEPING PAD.</p> <p> DISCONNECT EXISTING MOTOR.</p> <p> DISCONNECT AND REMOVE EXISTING HARD-WIRED CONNECTION AS INDICATED.</p> <p> DISCONNECT AND REMOVE EXISTING ENCLOSED SWITCH (DISCONNECT / SAFETY SWITCH).</p> <p> DISCONNECT AND REMOVE QUADRUPLX RECEPTACLE.</p> <p> DISCONNECT AND REMOVE EMERGENCY DUPLEX RECEPTACLE.</p> <p> DISCONNECT AND REMOVE EXISTING SURFACE MOUNTED DATA/TELEPHONE OUTLET AND REINSTALL AS INDICATED ON NEW WORK PLAN.</p>	<table border="0"> <tr> <td>A, AMP</td> <td>AMPERE(S)</td> <td>MIN</td> <td>MINIMUM</td> </tr> <tr> <td>AIC</td> <td>AMPERES INTERRUPTING CAPACITY</td> <td>N</td> <td>NEUTRAL</td> </tr> <tr> <td>ATS</td> <td>AUTOMATIC TRANSFER SWITCH</td> <td>NEMA</td> <td>NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION</td> </tr> <tr> <td>C</td> <td>CONDUIT</td> <td>NO.</td> <td>NUMBER</td> </tr> <tr> <td>CB</td> <td>CIRCUIT BREAKER</td> <td>OFF.</td> <td>OFFICE</td> </tr> <tr> <td>CIRC.</td> <td>CIRCULATION</td> <td>P</td> <td>POLE(S) OR PUMP</td> </tr> <tr> <td>CORR.</td> <td>CORRIDOR</td> <td>PA</td> <td>PUBLIC ADDRESS</td> </tr> <tr> <td>CT</td> <td>CURRENT TRANSFORMERS</td> <td>PSI</td> <td>POUNDS PER SQUARE INCH</td> </tr> <tr> <td>ELECT.</td> <td>ELECTRICAL</td> <td>PVC</td> <td>POLYVINYL CHLORIDE</td> </tr> <tr> <td>EM</td> <td>EMERGENCY</td> <td>REC</td> <td>RECEPTACLE</td> </tr> <tr> <td>ETR</td> <td>EXISTING TO REMAIN</td> <td>REFRIG</td> <td>REFRIGERATOR</td> </tr> <tr> <td>EX</td> <td>EXISTING</td> <td>RX</td> <td>REMOVE EXISTING</td> </tr> <tr> <td>FACP</td> <td>FIRE ALARM CONTROL PANEL</td> <td>SEC.</td> <td>SECTION</td> </tr> <tr> <td>FLR</td> <td>FLOOR</td> <td>SPD</td> <td>SURGE PROTECTIVE DEVICE</td> </tr> <tr> <td>G</td> <td>GROUND, GFCI (RECEPTACLE)</td> <td>STO.</td> <td>STORAGE</td> </tr> <tr> <td>GFCI</td> <td>GROUND FAULT CIRCUIT INTERRUPTER</td> <td>V</td> <td>VOLT(S)</td> </tr> <tr> <td>H</td> <td>HOT</td> <td>VFD</td> <td>VARIABLE FREQUENCY DRIVE</td> </tr> <tr> <td>HP</td> <td>HORSEPOWER</td> <td>W</td> <td>WIRE(S)</td> </tr> <tr> <td>KIT.</td> <td>KITCHEN</td> <td>WP</td> <td>WEATHERPROOF</td> </tr> <tr> <td>KVA</td> <td>KILOVOLT-AMPERES</td> <td>XFMR</td> <td>TRANSFORMER</td> </tr> <tr> <td>KW</td> <td>KILOWATTS</td> <td>Ø</td> <td>PHASE</td> </tr> <tr> <td>MCPS</td> <td>MONTGOMERY COUNTY PUBLIC SCHOOLS</td> <td></td> <td></td> </tr> </table>	A, AMP	AMPERE(S)	MIN	MINIMUM	AIC	AMPERES INTERRUPTING CAPACITY	N	NEUTRAL	ATS	AUTOMATIC TRANSFER SWITCH	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	C	CONDUIT	NO.	NUMBER	CB	CIRCUIT BREAKER	OFF.	OFFICE	CIRC.	CIRCULATION	P	POLE(S) OR PUMP	CORR.	CORRIDOR	PA	PUBLIC ADDRESS	CT	CURRENT TRANSFORMERS	PSI	POUNDS PER SQUARE INCH	ELECT.	ELECTRICAL	PVC	POLYVINYL CHLORIDE	EM	EMERGENCY	REC	RECEPTACLE	ETR	EXISTING TO REMAIN	REFRIG	REFRIGERATOR	EX	EXISTING	RX	REMOVE EXISTING	FACP	FIRE ALARM CONTROL PANEL	SEC.	SECTION	FLR	FLOOR	SPD	SURGE PROTECTIVE DEVICE	G	GROUND, GFCI (RECEPTACLE)	STO.	STORAGE	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	V	VOLT(S)	H	HOT	VFD	VARIABLE FREQUENCY DRIVE	HP	HORSEPOWER	W	WIRE(S)	KIT.	KITCHEN	WP	WEATHERPROOF	KVA	KILOVOLT-AMPERES	XFMR	TRANSFORMER	KW	KILOWATTS	Ø	PHASE	MCPS	MONTGOMERY COUNTY PUBLIC SCHOOLS		
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HP	HORSEPOWER	W	WIRE(S)																																																																																						
KIT.	KITCHEN	WP	WEATHERPROOF																																																																																						
KVA	KILOVOLT-AMPERES	XFMR	TRANSFORMER																																																																																						
KW	KILOWATTS	Ø	PHASE																																																																																						
MCPS	MONTGOMERY COUNTY PUBLIC SCHOOLS																																																																																								
EXISTING																																																																																									
<p> EXISTING TO REMAIN WALL OUTLET AND LIGHTING FIXTURE.</p> <p> EXISTING TO REMAIN CEILING OUTLET AND LIGHTING FIXTURE.</p> <p> EXISTING TO REMAIN CEILING OUTLET AND LIGHTING FIXTURE ON GENERATOR POWER CIRCUIT, OR PREVIOUSLY ON NORMAL POWER CIRCUIT AND CHANGED TO GENERATOR POWER CIRCUIT.</p> <p> EXISTING TO REMAIN WALL MOUNTED SWITCH.</p> <p> EXISTING TO REMAIN 277/480 PANELBOARD, SURFACE OR RECESS MOUNTED.</p> <p> EXISTING TO REMAIN 120/208V PANELBOARD, SURFACE OR RECESS MOUNTED.</p> <p> EXISTING TO REMAIN WALL MOUNTED EXIT SIGN.</p> <p> EXISTING TO REMAIN TRANSFORMER.</p> <p> EXISTING TO REMAIN WIRING IN CONDUIT.</p> <p> EXISTING TO REMAIN WIRING IN CONDUIT CONTINUED.</p> <p> EXISTING TO REMAIN EMERGENCY CIRCUIT HOMERUN.</p> <p> EXISTING TO REMAIN MOTOR CONNECTION.</p> <p> EXISTING EQUIPMENT CONNECTION, TO BE RECONNECTED WHERE INDICATED.</p> <p> EXISTING TO REMAIN ENCLOSED SWITCH (DISCONNECT/SAFETY SWITCH).</p> <p> EXISTING TO REMAIN VARIABLE FREQUENCY DRIVE.</p> <p> EXISTING TO REMAIN DUPLEX RECEPTACLE.</p> <p> EXISTING TO REMAIN EMERGENCY DUPLEX RECEPTACLE.</p> <p> EXISTING TO REMAIN QUADRUPLX (DOUBLE-DUPLEX) RECEPTACLE.</p> <p> EXISTING TO REMAIN METER.</p>																																																																																									

GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
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 1901 RAINBOW DRIVE
 SILVER SPRING, MD 20905
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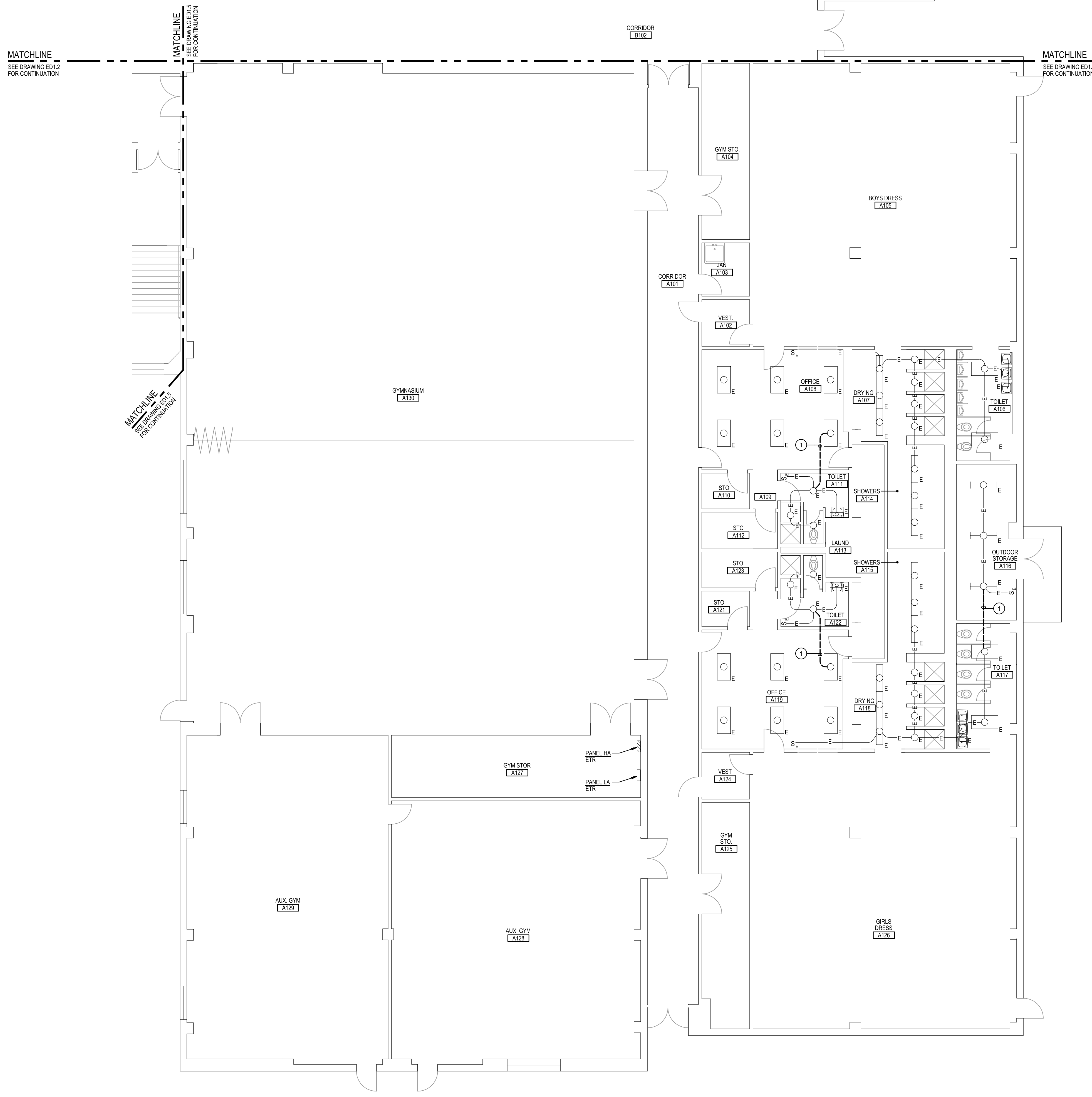
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Tag	Description	Date
	BID SET	4/23/26

Scale	AS NOTED
Project No.	8275-26
Date	APRIL 23, 2026

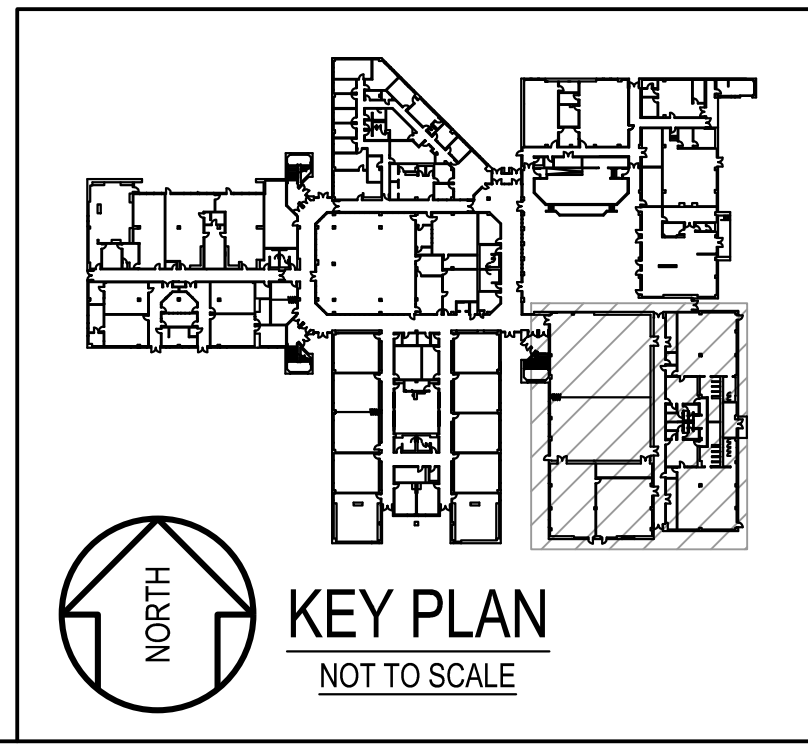
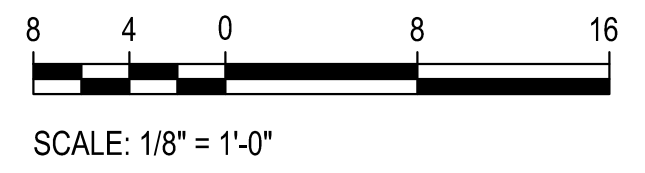
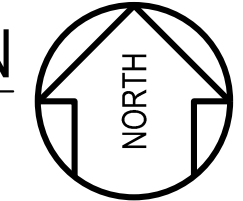
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Drawing No.:
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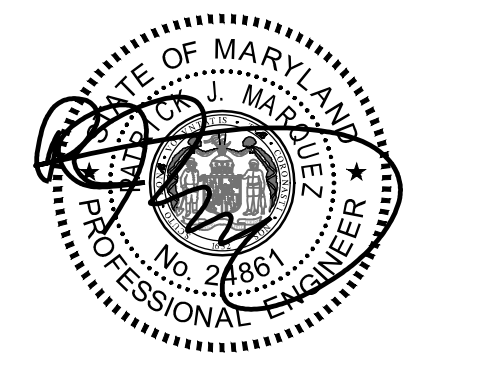


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 - UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN HEAVY DASHED (---) SHALL BE REMOVED AND ELECTRICAL ITEMS SHOWN LIGHT SOLID (---) SHALL REMAIN.
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 - IN BLOCK OR CONCRETE WALLS TO REMAIN, PROVIDE STAINLESS STEEL BLANK COVER PLATES FOR DEVICES REMOVED.
- SPECIFIC NOTES:**
- DISCONNECT AND REMOVE EXISTING WIRING IN CONDUIT SERVING EXISTING LIGHTING FIXTURES.

1
ED1.1
SCALE: 1/8" = 1'-0"



GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
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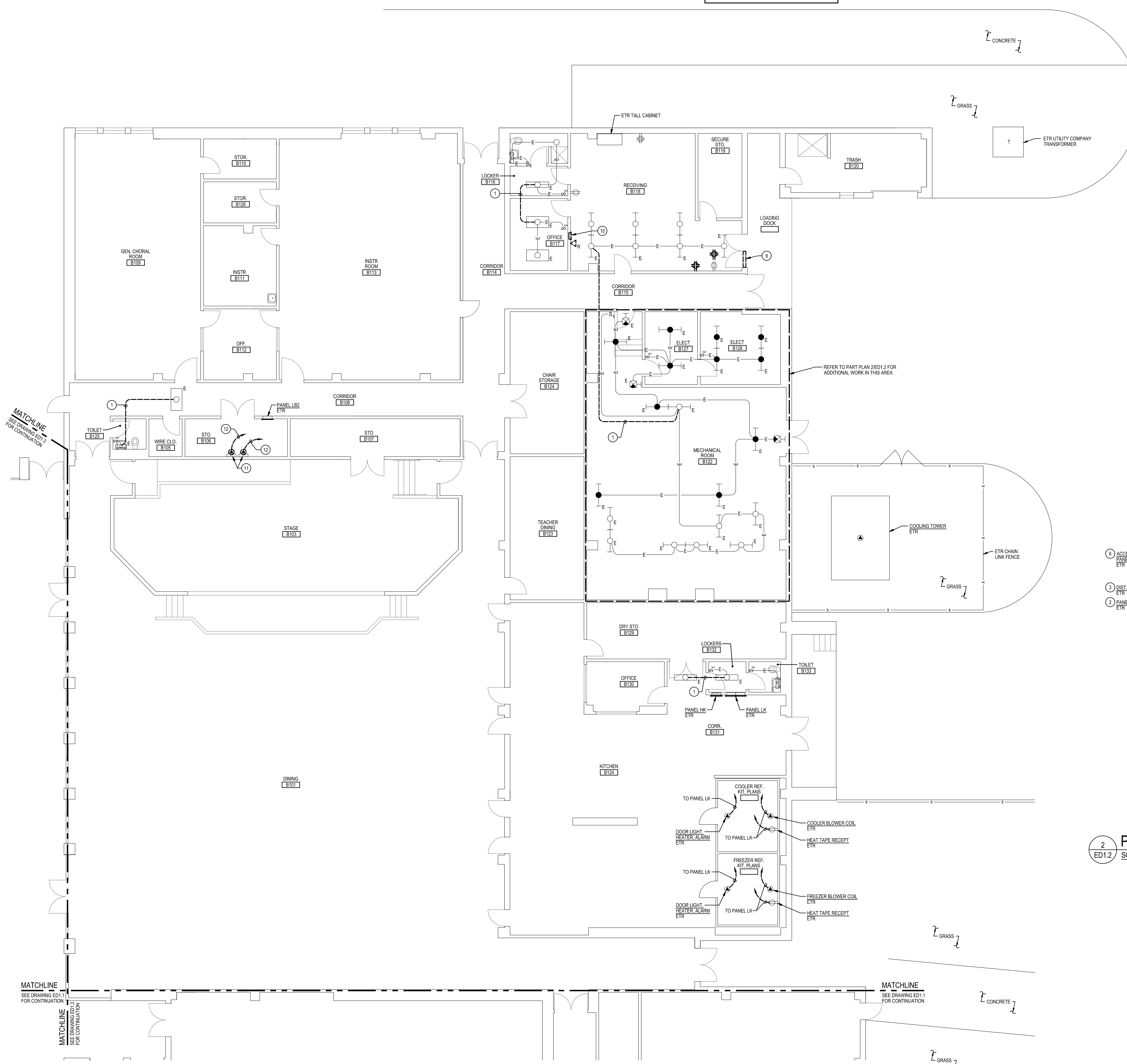
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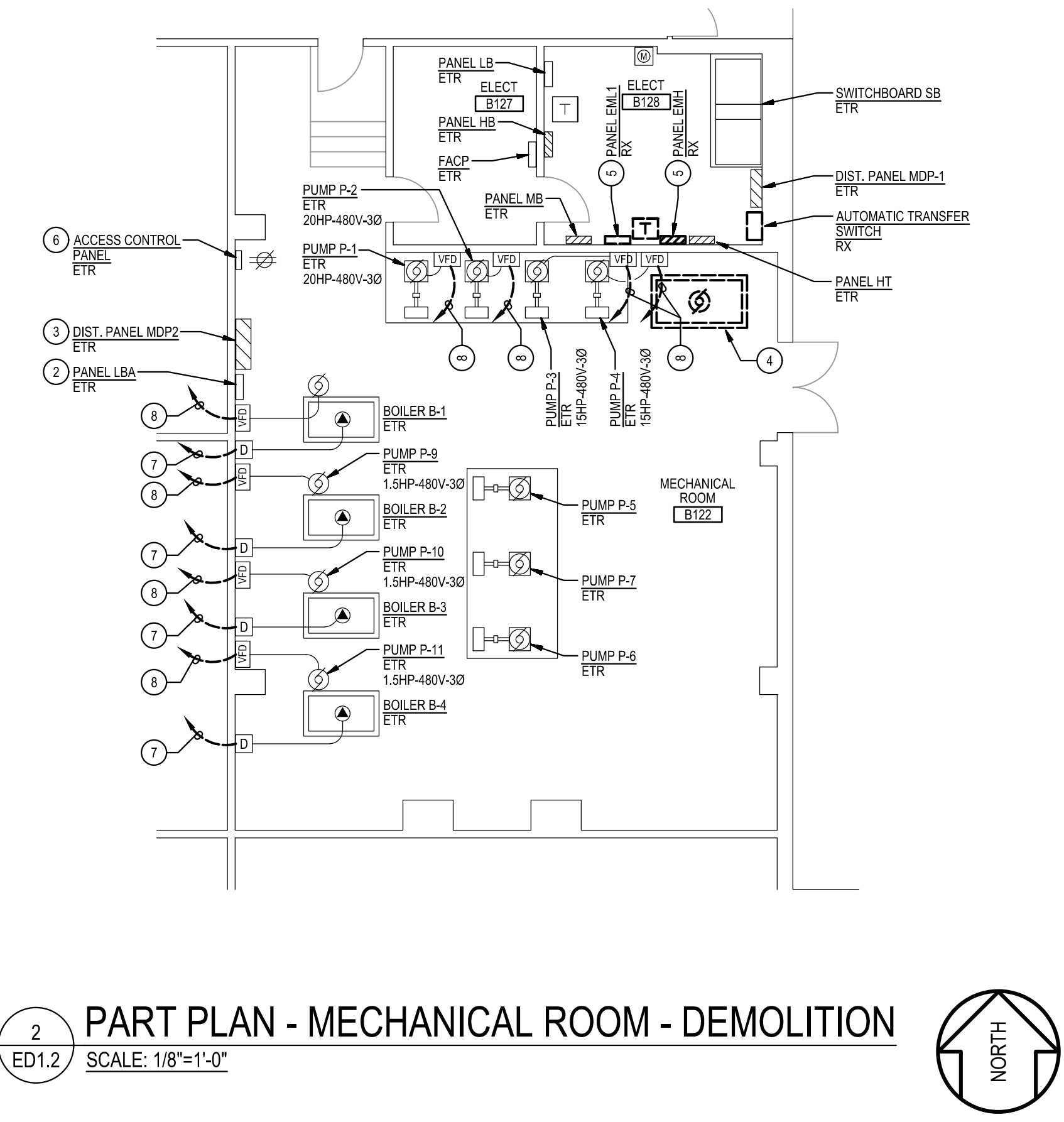
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Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART FIRST FLOOR PLAN - AREA A - DEMOLITION
Drawing No.:	ED1.1

GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
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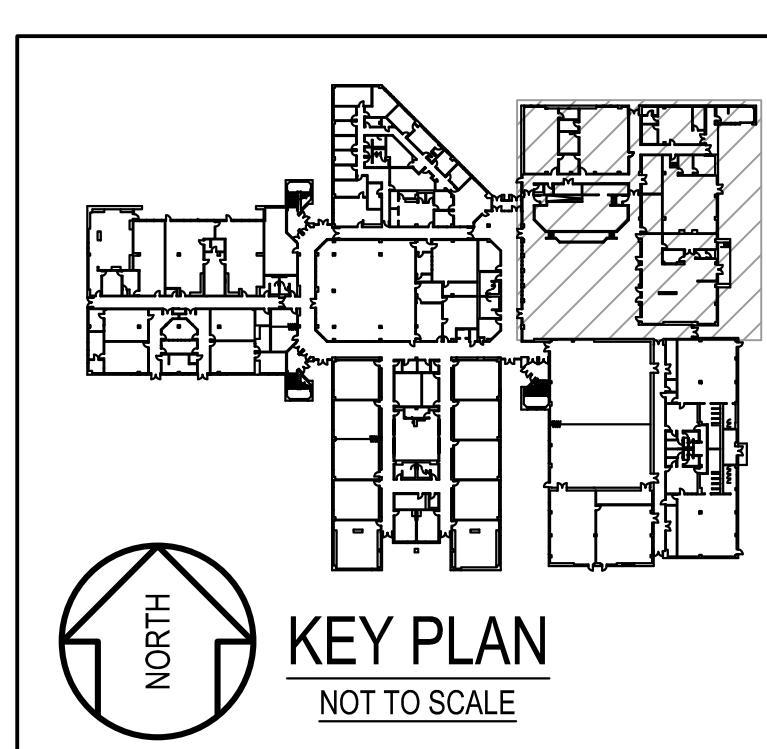
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 - REMOVE AND REINSTALL EXISTING CEILING TILES WITHIN CONSTRUCTION AREAS AS REQUIRED.
 - CONSTRUCTION SHALL BE PERFORMED IN PHASES. AVOID INTERRUPTION TO ANY SERVICES. GENERATOR POWER DISTRIBUTION SYSTEM SHALL BE OPERATIONAL AT ALL TIMES WHEN SCHOOL IS IN SESSION.
 - UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN HEAVY DASHED LINES SHALL BE REMOVED AND ELECTRICAL ITEMS SHOWN LIGHT SOLID LINES SHALL REMAIN.
 - DEMOLITION SHALL INCLUDE REMOVAL AND OFF-SITE DISPOSAL OF MATERIALS. DO NOT ABANDON IN PLACE ANY ELECTRICAL COMPONENTS UNLESS OTHERWISE NOTED ON DRAWINGS.
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 - IN BLOCK OR CONCRETE WALLS TO REMAIN, PROVIDE STAINLESS STEEL BLANK COVER PLATES FOR DEVICES REMOVED.
- SPECIFIC NOTES:**
- DISCONNECT AND REMOVE EXISTING WIRING IN CONDUIT SERVING EXISTING LIGHTING FIXTURES.
 - UPDATE CIRCUIT DIRECTORY TO INDICATE "SPARE" FOR CIRCUITS REMOVED FROM PANEL.
 - REPLACE CIRCUIT BREAKER NAMEPLATES TO INDICATE "SPARE" FOR CIRCUITS REMOVED FROM PANEL.
 - DISCONNECT AND REMOVE EXISTING GENERATOR, INCLUDING BATTERY CHARGER, BLOCK HEATER, AND HOUSEKEEPING PAD.
 - DISCONNECT EXISTING BRANCH CIRCUITS FROM CIRCUIT BREAKERS. EXISTING CIRCUITS SHALL REMAIN. REMOVE INTERIOR COMPONENTS (BUSBAR, CIRCUIT BREAKERS) OF EXISTING PANEL. PANEL ENCLOSURE SHALL REMAIN AND BECOME A PULLBOX.
 - EXISTING ACCESS CONTROL PANEL PLUGGED INTO EXISTING GENERATOR RECEPTACLE LOCATED BELOW PANEL.
 - DISCONNECT AND REMOVE EXISTING HOMERUN CIRCUIT BACK TO EXISTING PANEL LBA.
 - DISCONNECT AND REMOVE EXISTING HOMERUN CIRCUIT BACK TO EXISTING DISTRIBUTION PANEL MDP2.
 - REMOVE GLASS PANEL ABOVE ONE OF TWO DOORS, FOR ROUTING OF GENERATOR CONDUITS.
 - REMOVE EXISTING FIRE EXTINGUISHER AND RECESSED CABINET. EXISTING FIRE EXTINGUISHER SHALL BE RELOCATED IN NEW CABINET, AS INDICATED ON NEW WORK PLAN.
 - EXISTING TO REMAIN DOOR ACCESS CONTROL PANEL.
 - DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRING BACK TO SOURCE.



1 PART FIRST FLOOR PLAN - AREA B - DEMOLITION
 SCALE: 1/8"=1'-0"



2 PART PLAN - MECHANICAL ROOM - DEMOLITION
 SCALE: 1/8"=1'-0"



KEY PLAN
 NOT TO SCALE

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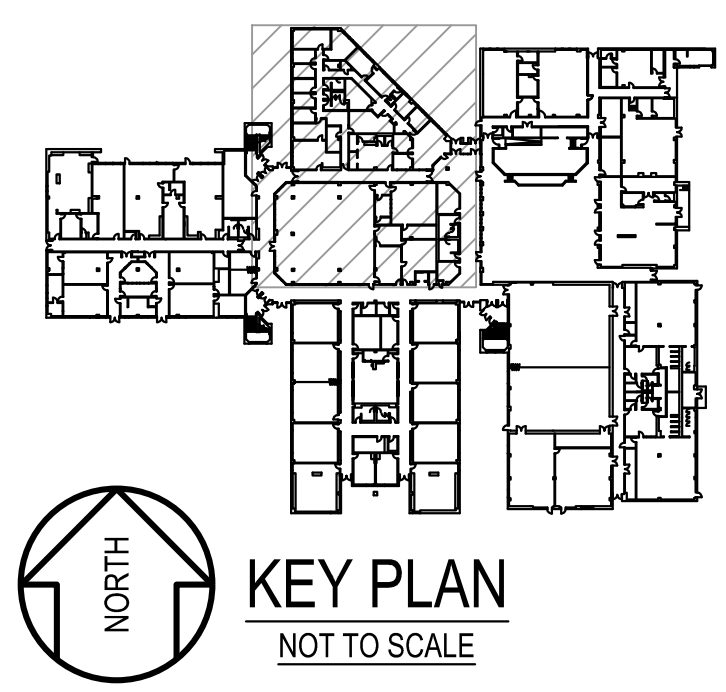
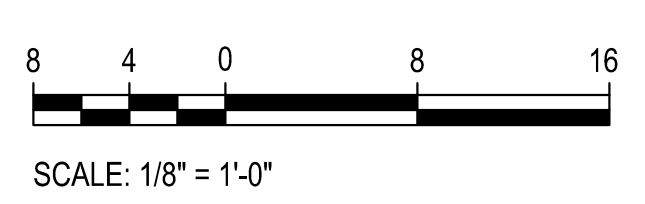
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	BID SET	4/23/26

Scale	AS NOTED
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Date	APRIL 23, 2026
Drawing Title	PART FIRST FLOOR PLAN - AREA B - DEMOLITION
Drawing No.:	ED1.2

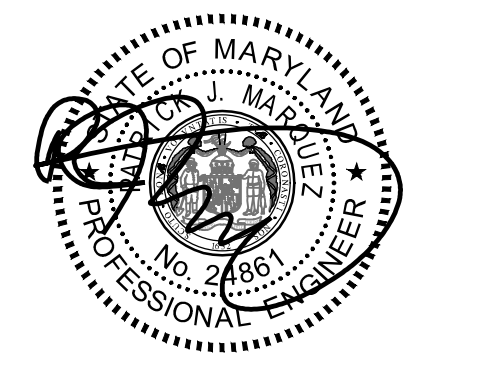


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 - IN BLOCK OR CONCRETE WALLS TO REMAIN, PROVIDE STAINLESS STEEL BLANK COVER PLATES FOR DEVICES REMOVED.
- SPECIFIC NOTES:**
- DISCONNECT AND REMOVE EXISTING WIRING IN CONDUIT SERVING EXISTING LIGHTING FIXTURES.
 - DISCONNECT AND REMOVE EXISTING DUPLEX RECEPTACLE, OUTLET BOX, CONDUIT AND WIRING TO REMAIN FOR REUSE.
 - DISCONNECT AND REMOVE EXISTING GENERATOR REMOTE ALARM ANNUNCIATOR PANEL.
 - DISCONNECT AND REMOVE EXISTING RECEPTACLE INCLUDING WIRING AND PORTION OF CONDUIT BACK TO SOURCE. EXISTING OUTLET BOX AND CONDUIT TO ACCESSIBLE CEILING SPACE SHALL REMAIN FOR REUSE.

1 PART FIRST FLOOR PLAN - AREA C - DEMOLITION
 ED1.3 SCALE: 1/8"=1'-0" NORTH



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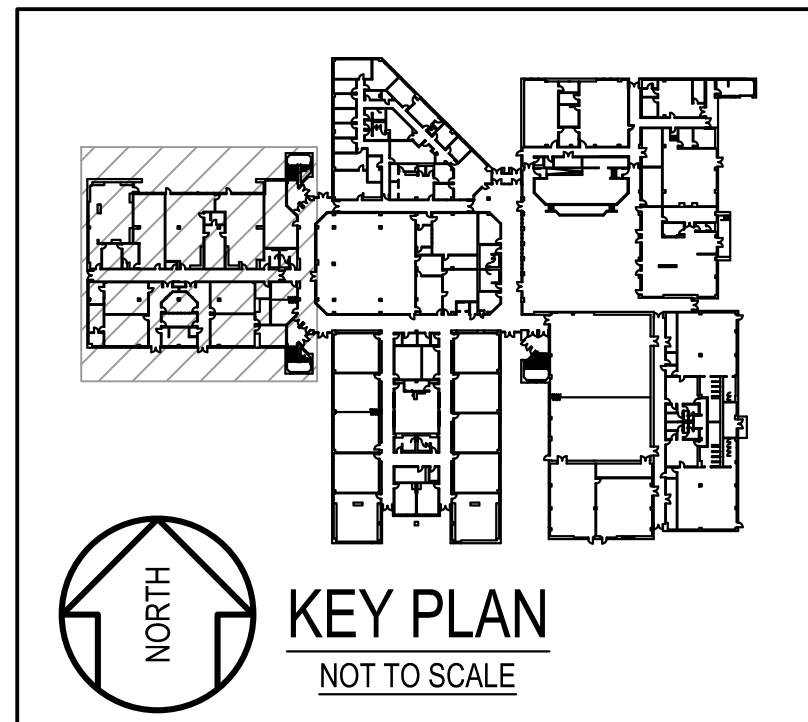
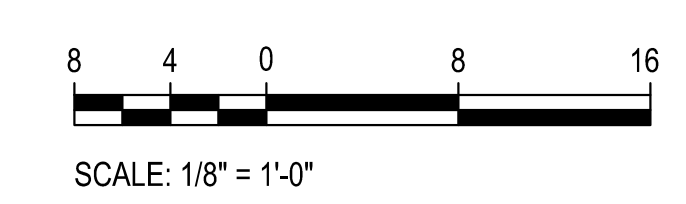
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

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Date	APRIL 23, 2026
Drawing Title	PART FIRST FLOOR PLAN - AREA C - DEMOLITION
Drawing No.:	ED1.3



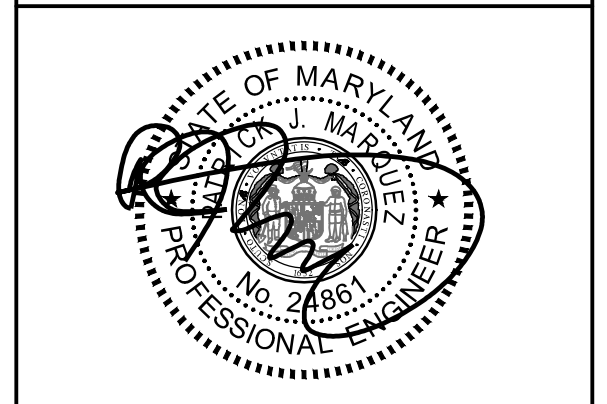
1 PART FIRST FLOOR PLAN - AREA D - DEMOLITION
 ED1.4 SCALE: 1/8"=1'-0" 



 KEY PLAN
 NOT TO SCALE

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- SPECIFIC NOTES:**
- DISCONNECT AND REMOVE EXISTING WIRING IN CONDUIT SERVING EXISTING LIGHTING FIXTURES.

GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
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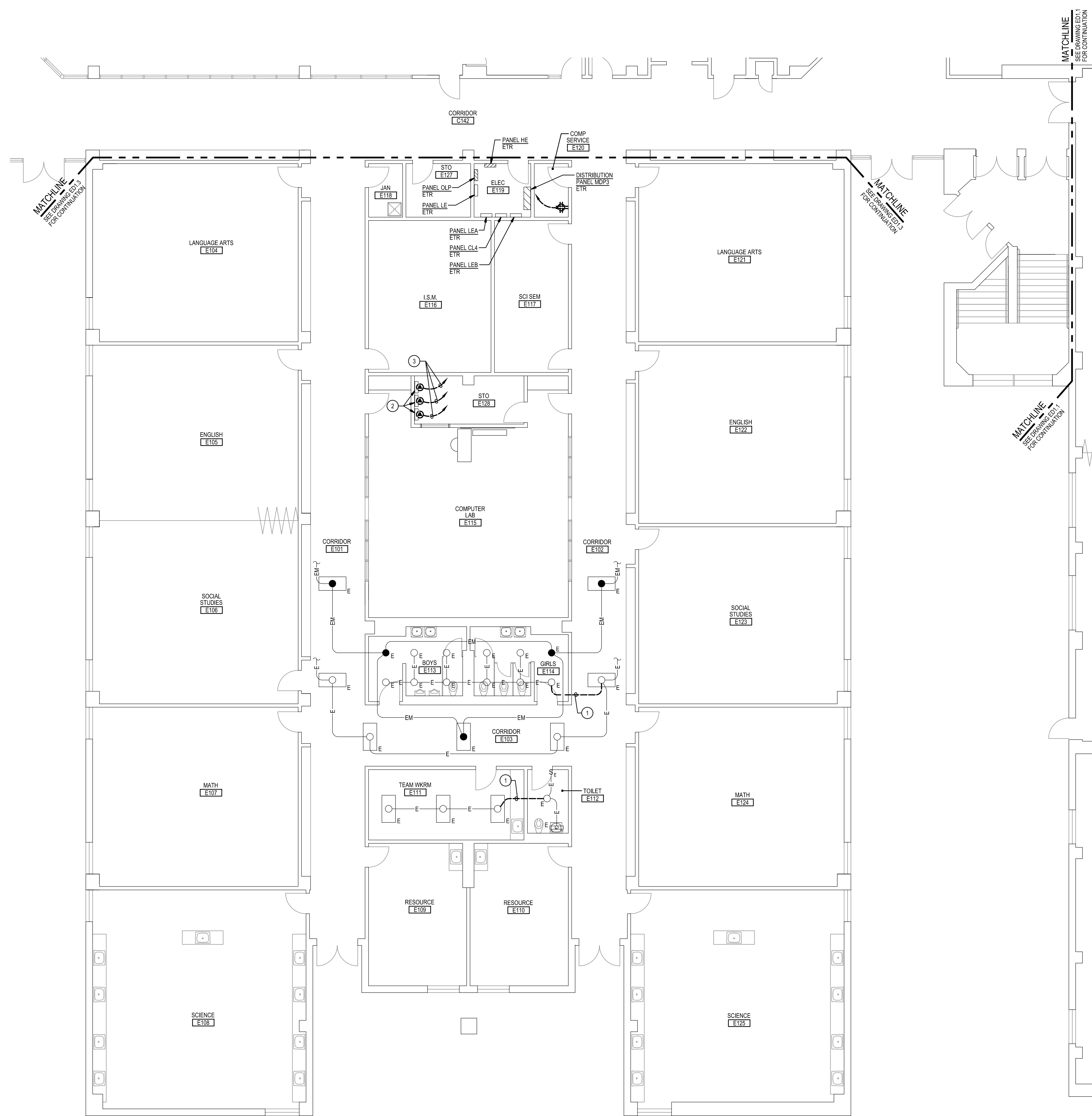


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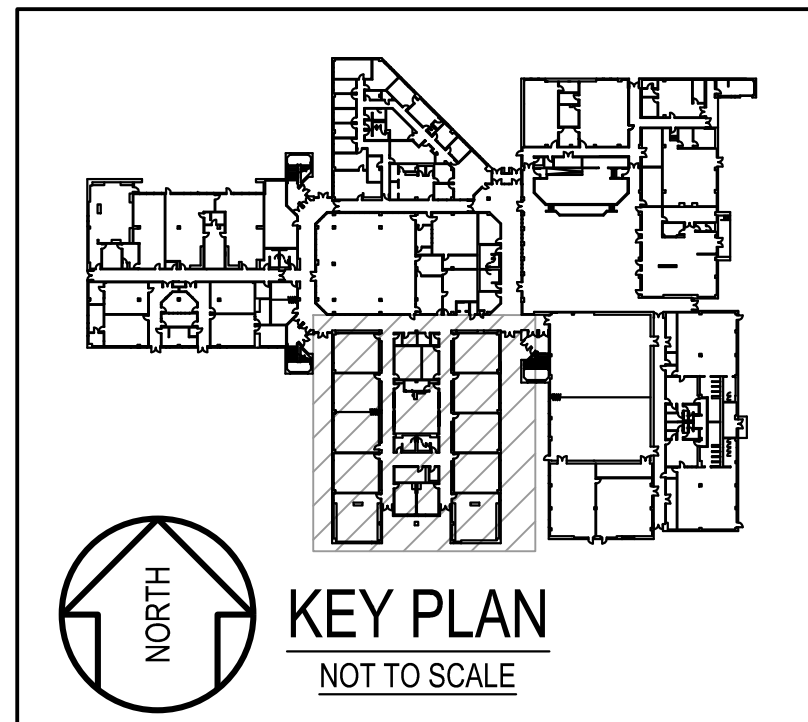
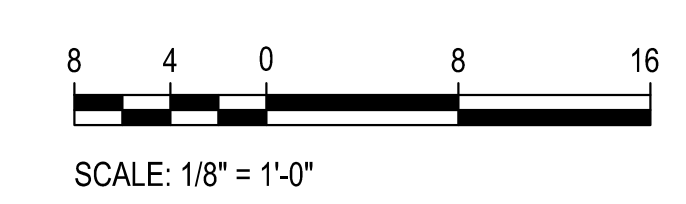
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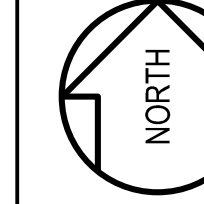
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

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Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART FIRST FLOOR PLAN - AREA D - DEMOLITION
Drawing No.:	ED1.4



1 PART FIRST FLOOR PLAN - AREA E - DEMOLITION
 ED1.5 SCALE: 1/8"=1'-0" 



 KEY PLAN
 NOT TO SCALE

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 - K. IN BLOCK OR CONCRETE WALLS TO REMAIN, PROVIDE STAINLESS STEEL BLANK COVER PLATES FOR DEVICES REMOVED.

- SPECIFIC NOTES:**
- 1 DISCONNECT AND REMOVE EXISTING WIRING IN CONDUIT SERVING EXISTING LIGHTING FIXTURES.
 - 2 EXISTING TO REMAIN DOOR ACCESS CONTROL PANEL.
 - 3 DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRING BACK TO SOURCE.

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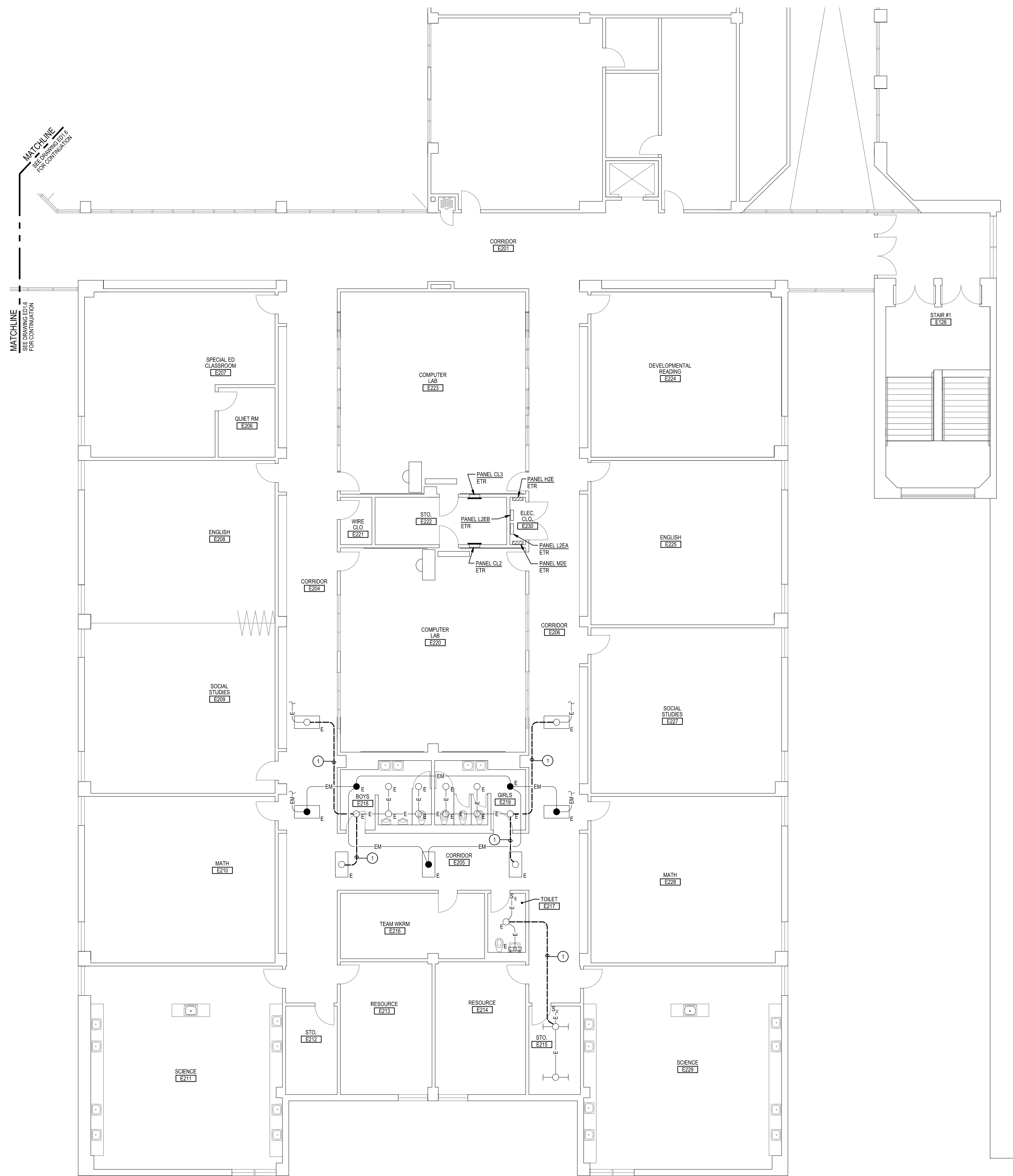


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Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART FIRST FLOOR PLAN - AREA E - DEMOLITION
Drawing No.:	ED1.5



1 PART SECOND FLOOR PLAN - AREA E - DEMOLITION
 ED1.7 SCALE: 1/8"=1'-0"

- GENERAL NOTES:**
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 - REMOVE AND REINSTALL EXISTING CEILING TILES WITHIN CONSTRUCTION AREAS AS REQUIRED.
 - CONSTRUCTION SHALL BE PERFORMED IN PHASES. AVOID INTERRUPTION TO ANY SERVICES. GENERATOR POWER DISTRIBUTION SYSTEM SHALL BE OPERATIONAL AT ALL TIMES WHEN SCHOOL IS IN SESSION.
 - UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN HEAVY DASHED (---) SHALL BE REMOVED AND ELECTRICAL ITEMS SHOWN LIGHT SOLID (___) SHALL REMAIN.
 - DEMOLITION SHALL INCLUDE REMOVAL AND OFF-SITE DISPOSAL OF MATERIALS. DO NOT ABANDON IN PLACE ANY ELECTRICAL COMPONENTS UNLESS OTHERWISE NOTED ON DRAWINGS.
 - WHERE EQUIPMENT IS NOTED "DISCONNECT" OR "REMOVE", REMOVE ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE UNLESS OTHERWISE NOTED.
 - REMOVE EXISTING EQUIPMENT AND DEVICES INDICATED, INCLUDING ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE UNLESS OTHERWISE NOTED.
 - EXISTING CIRCUITS INTERRUPTED BY DEMOLITION, BUT ARE TO REMAIN, SHALL BE MADE CONTINUOUS.
 - WHERE DEVICES ARE TO BE REMOVED AND REINSTALLED, PROVIDE WIRE AND CONDUIT TO NEW LOCATION AS REQUIRED.
 - IN BLOCK OR CONCRETE WALLS TO REMAIN, PROVIDE STAINLESS STEEL BLANK COVER PLATES FOR DEVICES REMOVED.

- SPECIFIC NOTES:**
- DISCONNECT AND REMOVE EXISTING WIRING IN CONDUIT SERVING EXISTING LIGHTING FIXTURES.

GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
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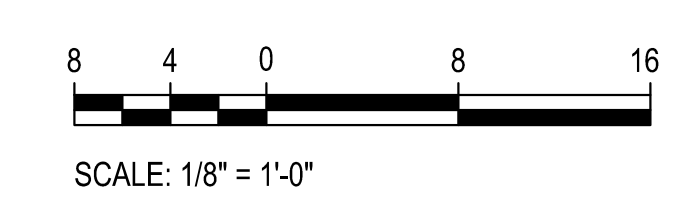
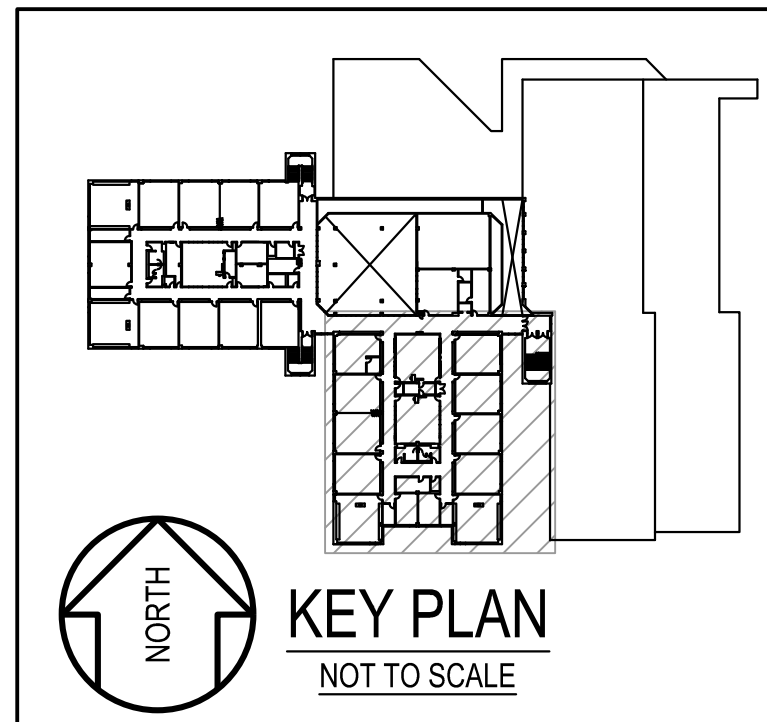


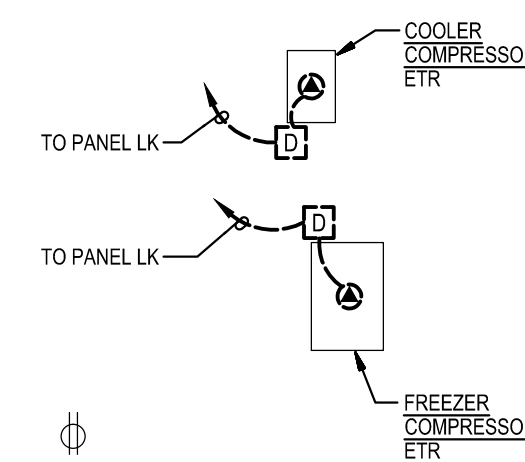
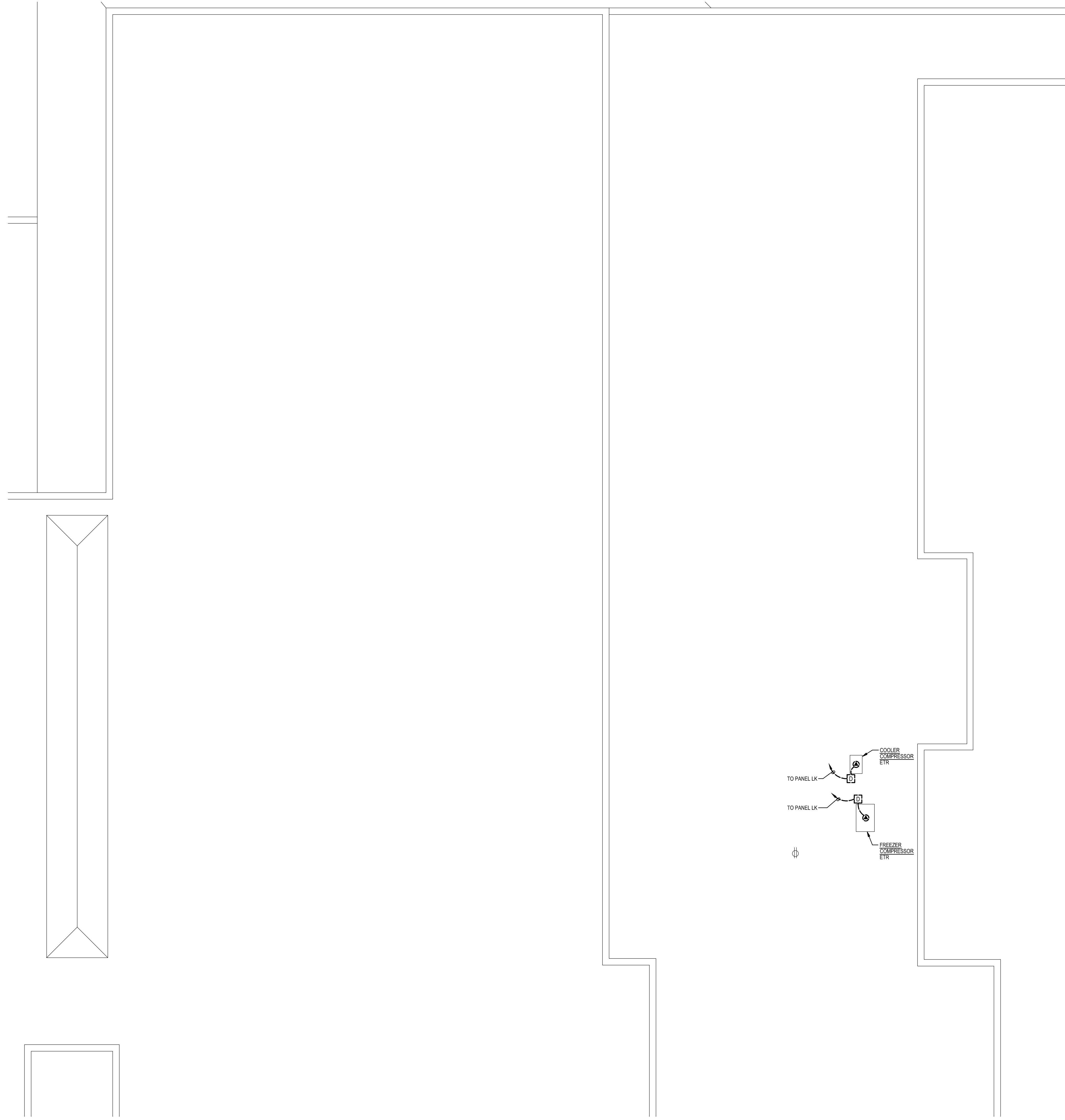
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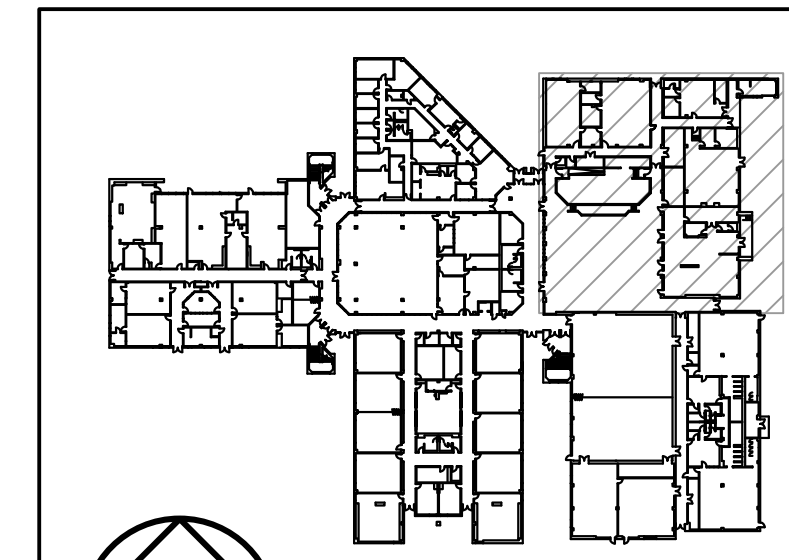
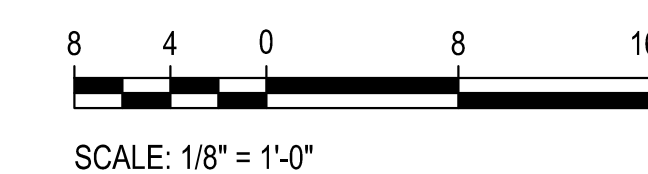
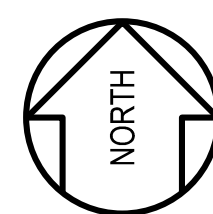
Tag	Description	Date
	BID SET	4/23/26

Scale	AS NOTED
Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART SECOND FLOOR PLAN - AREA E - DEMOLITION
Drawing No.:	ED1.7





1
ED1.8
PART ROOF PLAN
DEMOLITION
SCALE: 1/8"=1'-0"



KEY PLAN
NOT TO SCALE

- GENERAL NOTES:**
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GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
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1901 RAINBOW DRIVE
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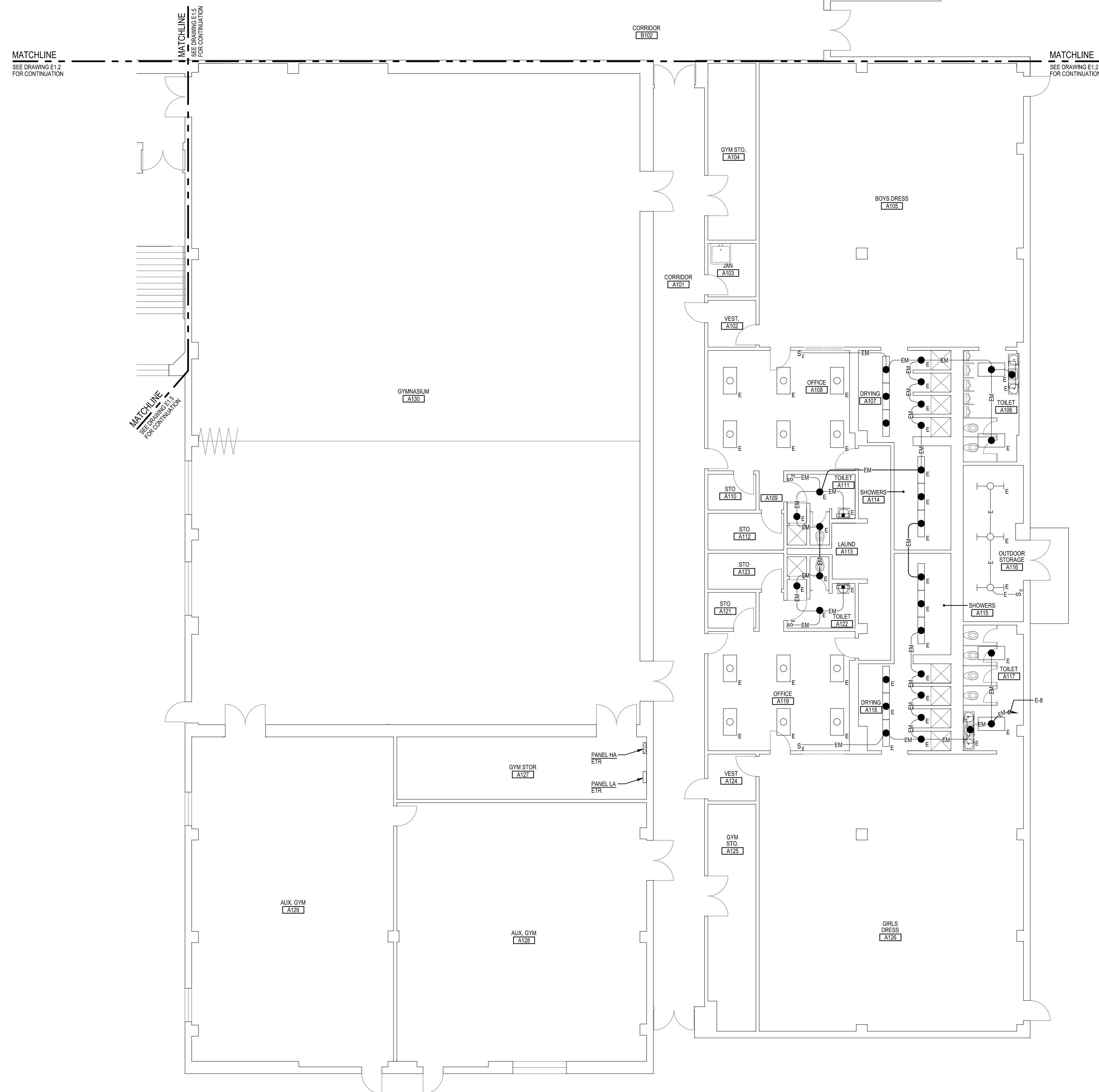
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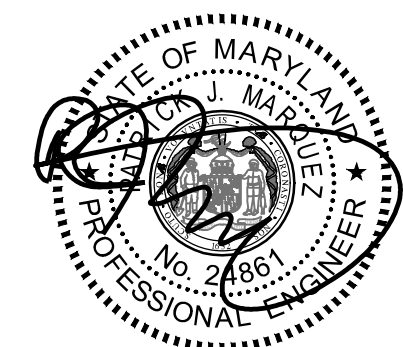
Drawing Title
PART ROOF PLAN - DEMOLITION

Drawing No.:
ED1.8



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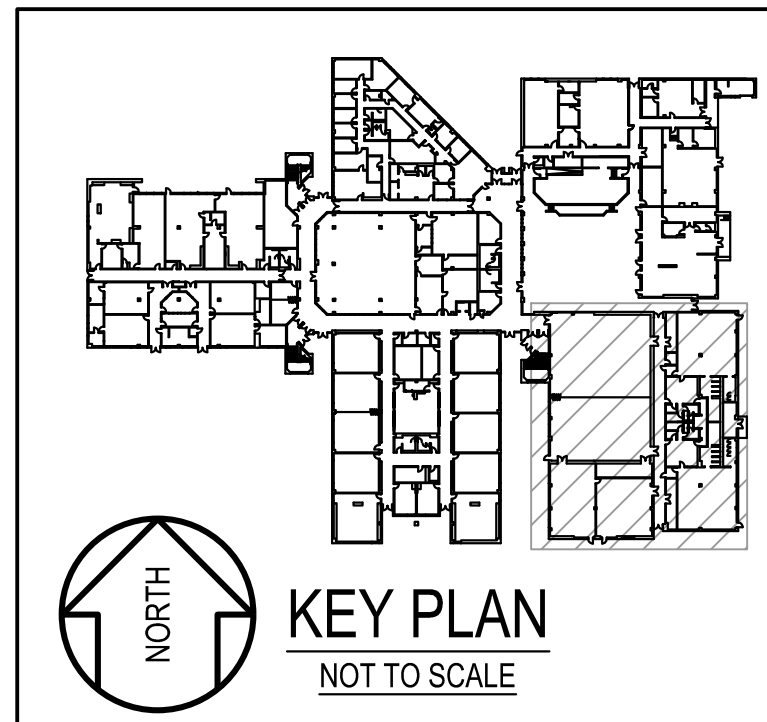
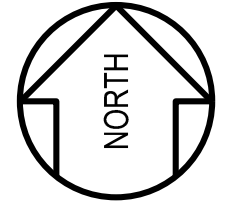


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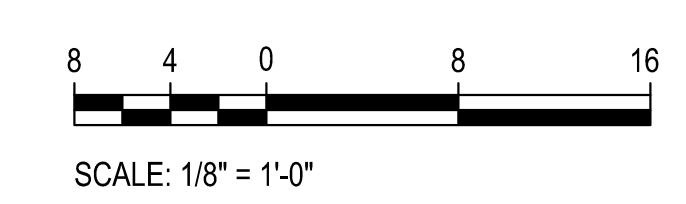
Tag	Description	Date
	BID SET	4/23/26

Scale	AS NOTED
Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART FIRST FLOOR PLAN - AREA A - NEW WORK
Drawing No.:	E1.1

1
 E1.1 PART FIRST FLOOR PLAN - AREA A - NEW WORK
 SCALE: 1/8" = 1'-0"



KEY PLAN
 NOT TO SCALE



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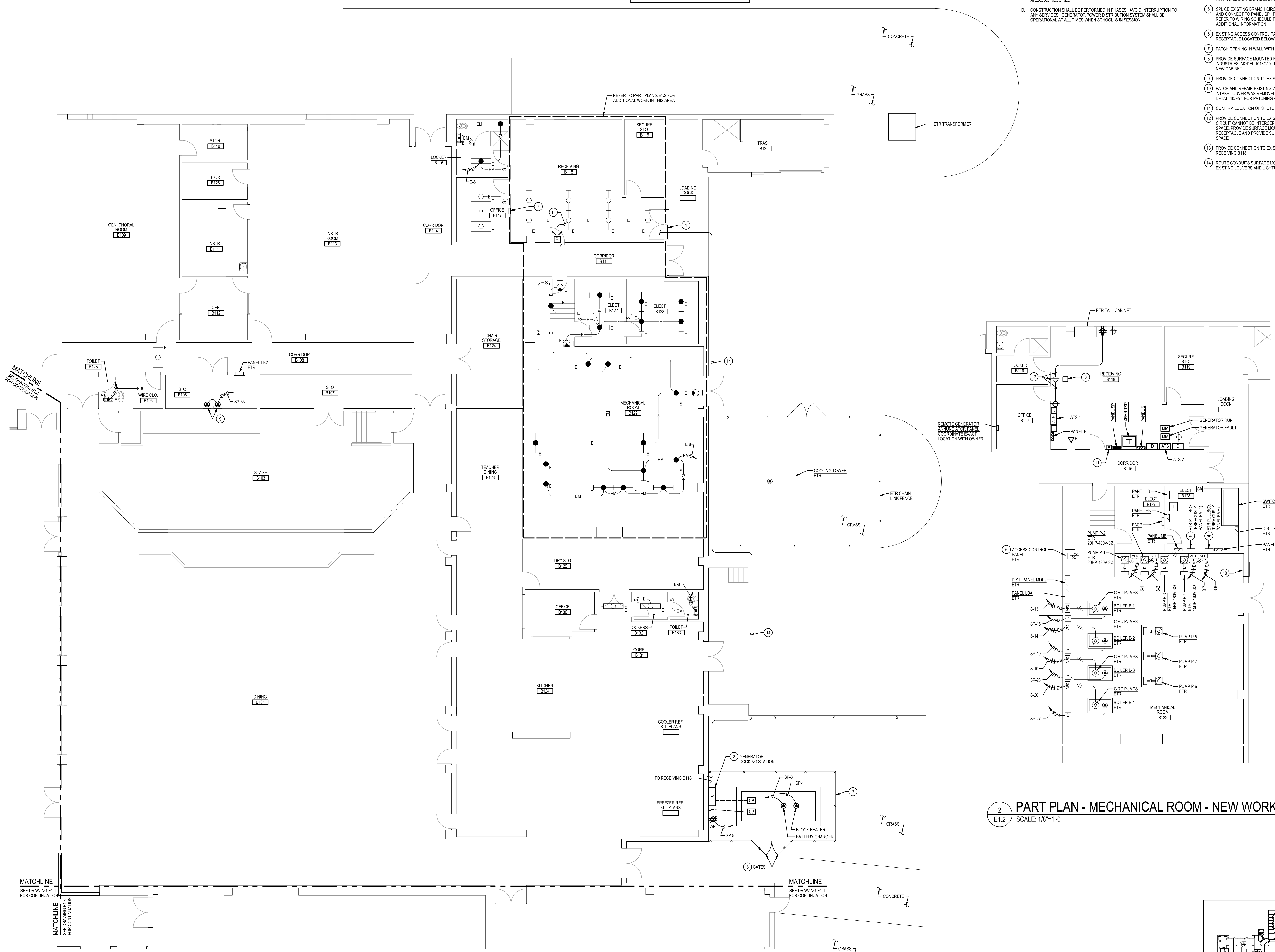
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Tag	Description	Date
	BID SET	4/23/26

Scale	AS NOTED
Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART FIRST FLOOR PLAN - AREA B - NEW WORK
Drawing No.:	E1.2

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- SPECIFIC NOTES:**
- PROVIDE INSULATED METAL PANEL TO INFILL REMOVED GLASS PANEL. PANEL SHALL HAVE SHEET METAL ON BOTH SIDES WITH INSULATION IN BETWEEN. ROUTE GENERATOR CONDUITS THRU METAL PANEL.
 - REFER TO POWER RISER DIAGRAM JEE-1 FOR CONNECTIONS, DUCTBANK SIZES, AND ADDITIONAL INFORMATION ON ELECTRICAL EQUIPMENT AS NOTED.
 - PROVIDE 8'-0" TALL CHAIN LINK FENCE WITH 8'-0" WIDE OPENING AND TWO 4'-0" WIDE GATES. MAINTAIN MINIMUM 3'-0" CLEARANCE BETWEEN FENCE AND HOUSEKEEPING PAD.
 - UTILIZE PANELBOARD ENCLOSURE AS A PULLBOX TO INTERCEPT AND SPLICE EXISTING BRANCH CIRCUITS EML-2, 7, 8, 9, AND 11 AND EXTEND TO PANEL E. PROVIDE WIRING SIZED TO MATCH EXISTING. REFER TO WIRING SCHEDULE FOR PANEL E ON DRAWING E6.2 FOR ADDITIONAL INFORMATION.
 - SPLICE EXISTING BRANCH CIRCUIT EML-2, 7, 8, 9, 10, 11, 12, 13, 14, 16, AND 18 AND CONNECT TO PANEL SP. PROVIDE WIRING SIZED TO MATCH EXISTING. REFER TO WIRING SCHEDULE FOR PANEL SP ON DRAWING E6.2 FOR ADDITIONAL INFORMATION.
 - EXISTING ACCESS CONTROL PANEL PLUGGED INTO EXISTING GENERATOR RECEPTACLE LOCATED BELOW PANEL.
 - PATCH OPENING IN WALL WITH CMU. PAINT TO MATCH EXISTING.
 - PROVIDE SURFACE MOUNTED FIRE EXTINGUISHER CABINET, EQUAL TO J.L. INDUSTRIES MODEL 1013010. REINSTALL EXISTING FIRE EXTINGUISHER INTO NEW CABINET.
 - PROVIDE CONNECTION TO EXISTING DOOR ACCESS CONTROL PANEL.
 - PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING, WHERE EXISTING INTAKE LOUVER WAS REMOVED PER MECHANICAL DRAWING. REFER TO DETAIL 106.1 FOR PATCHING AND REPAIRING EXISTING WALL.
 - CONFIRM LOCATION OF SHUTOFF SWITCH WITH OWNER.
 - PROVIDE CONNECTION TO EXISTING RECEPTACLE CIRCUIT. IF EXISTING CIRCUIT CANNOT BE INTERCEPTED FROM ABOVE OR IN ACCESSIBLE CEILING SPACE, PROVIDE SURFACE MOUNTED OUTLET BOX OVER EXISTING RECEPTACLE AND PROVIDE SURFACE RACEWAY TO ACCESSIBLE CEILING SPACE.
 - PROVIDE CONNECTION TO EXISTING UNSWITCHED LIGHTING CIRCUIT SERVING RECEIVING B118.
 - ROUTE CONDUITS SURFACE MOUNTED ON EXTERIOR WALL LOCATED ABOVE EXISTING LOUVERS AND LIGHTING FIXTURES.





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SPECIFIC NOTES:

- PROVIDE TAMPER-RESISTANT, RED, QUADRUPEX RECEPTACLE IN EXISTING SURFACE MOUNTED OUTLET BOX WITH NEW COVER PLATE.
- PROVIDE TAMPER-RESISTANT, RED, DUPLEX RECEPTACLE IN EXISTING OUTLET BOX AND RECONNECT TO EXISTING WIRING CIRCUIT. PROVIDE NEW COVER PLATE.
- WIRING IN PATIENT CARE AREAS SHALL MEET NEC ARTICLE 517 FOR POWER AND LIGHTING.

GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
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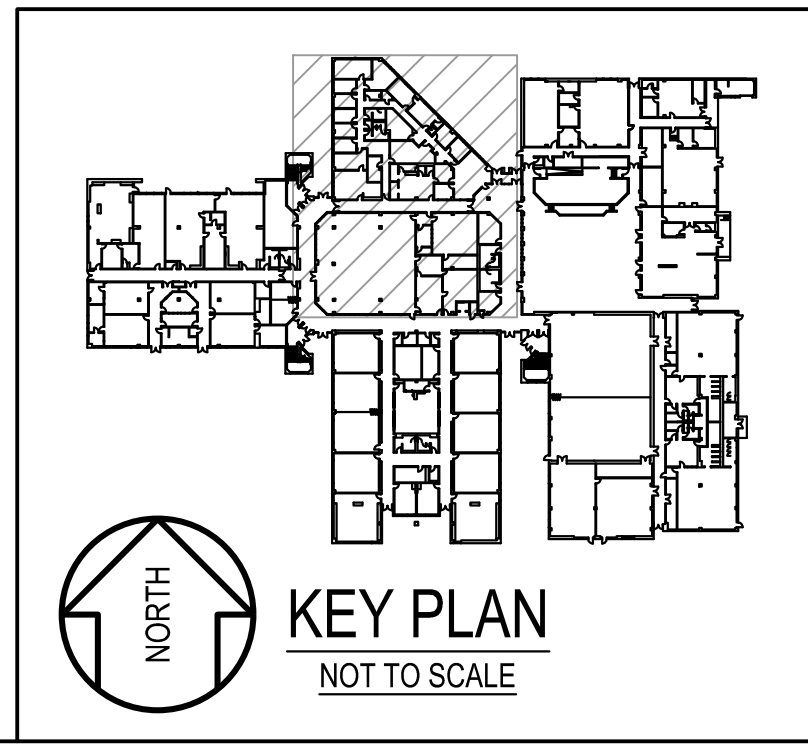
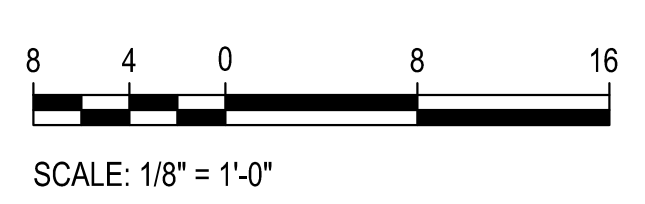
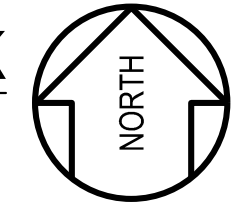
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Tag	Description	Date
	BID SET	4/23/26

Scale	AS NOTED
Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART FIRST FLOOR PLAN - AREA C - NEW WORK
Drawing No.:	E1.3

1 PART FIRST FLOOR PLAN - AREA C - NEW WORK
 E1.3 SCALE: 1/8"=1'-0"

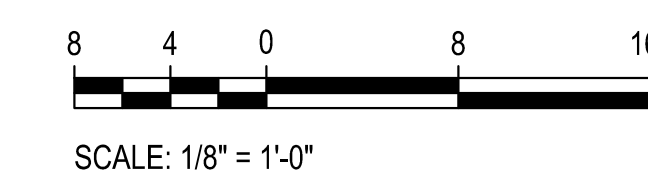
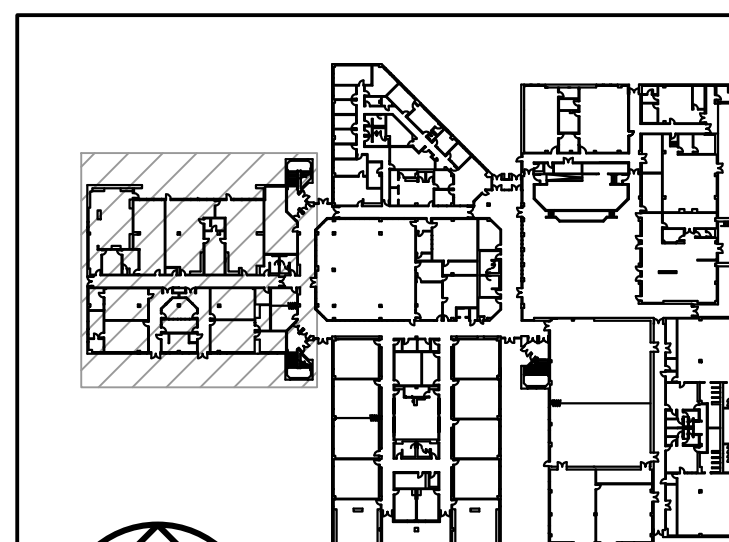
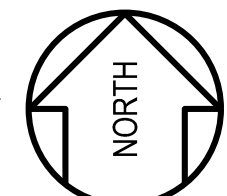


GENERAL NOTES:

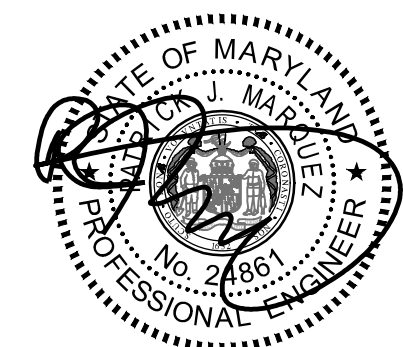
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1
E1.4
PART FIRST FLOOR PLAN - AREA D - NEW WORK
SCALE: 1/8"=1'-0"



GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
BRIGGS CHANEY MIDDLE SCHOOL
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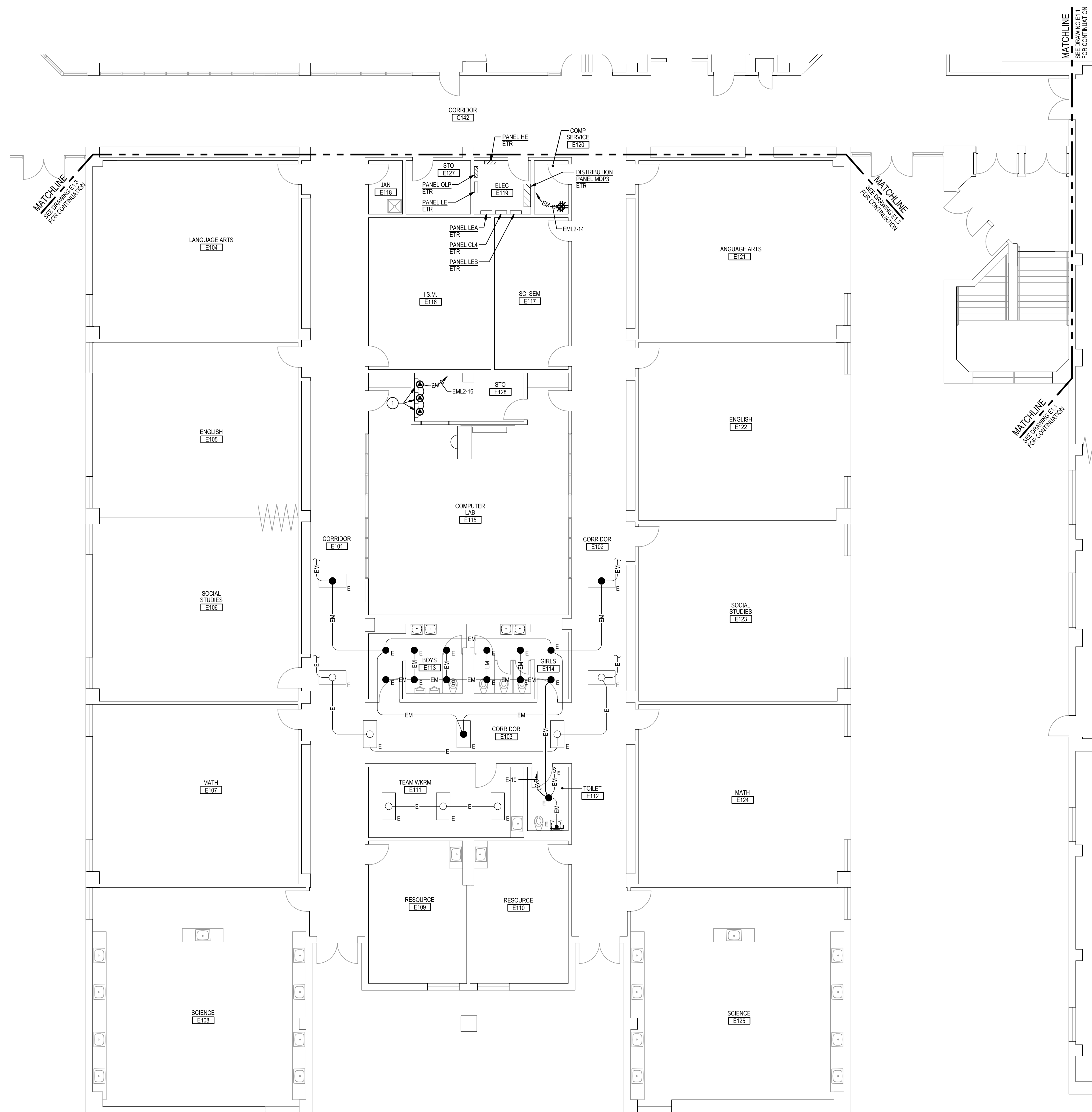


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Drawing Title	PART FIRST FLOOR PLAN - AREA D - NEW WORK

Drawing No.:
E1.4



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SPECIFIC NOTES:

- 1 PROVIDE CONNECTION TO EXISTING DOOR ACCESS CONTROL PANEL.

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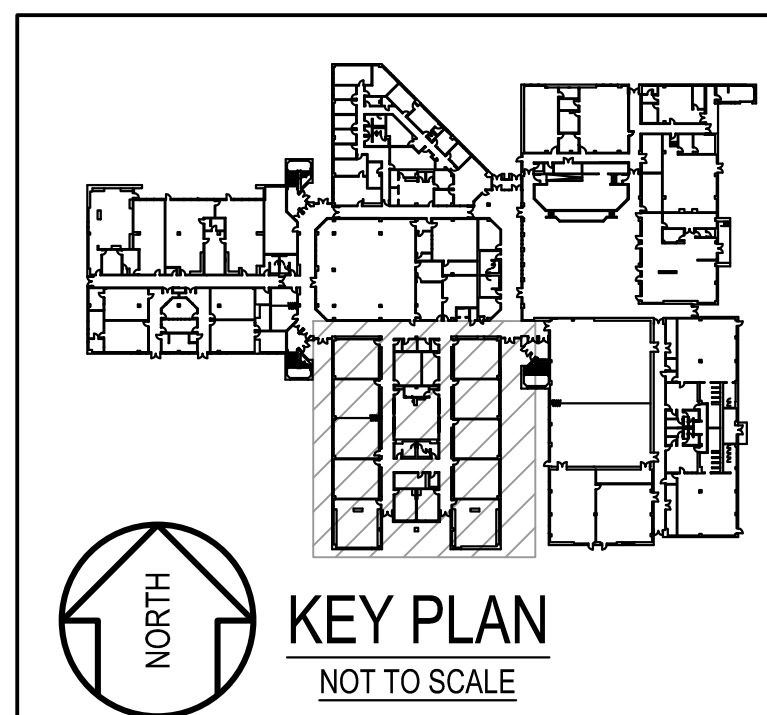
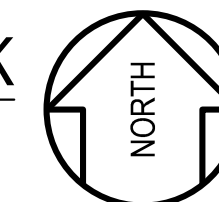
Tag	Description	Date
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Drawing Title	PART FIRST FLOOR PLAN - AREA E - NEW WORK

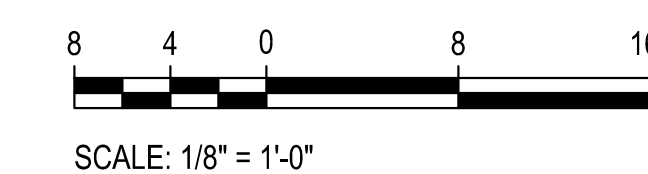
Drawing No.:

E1.5

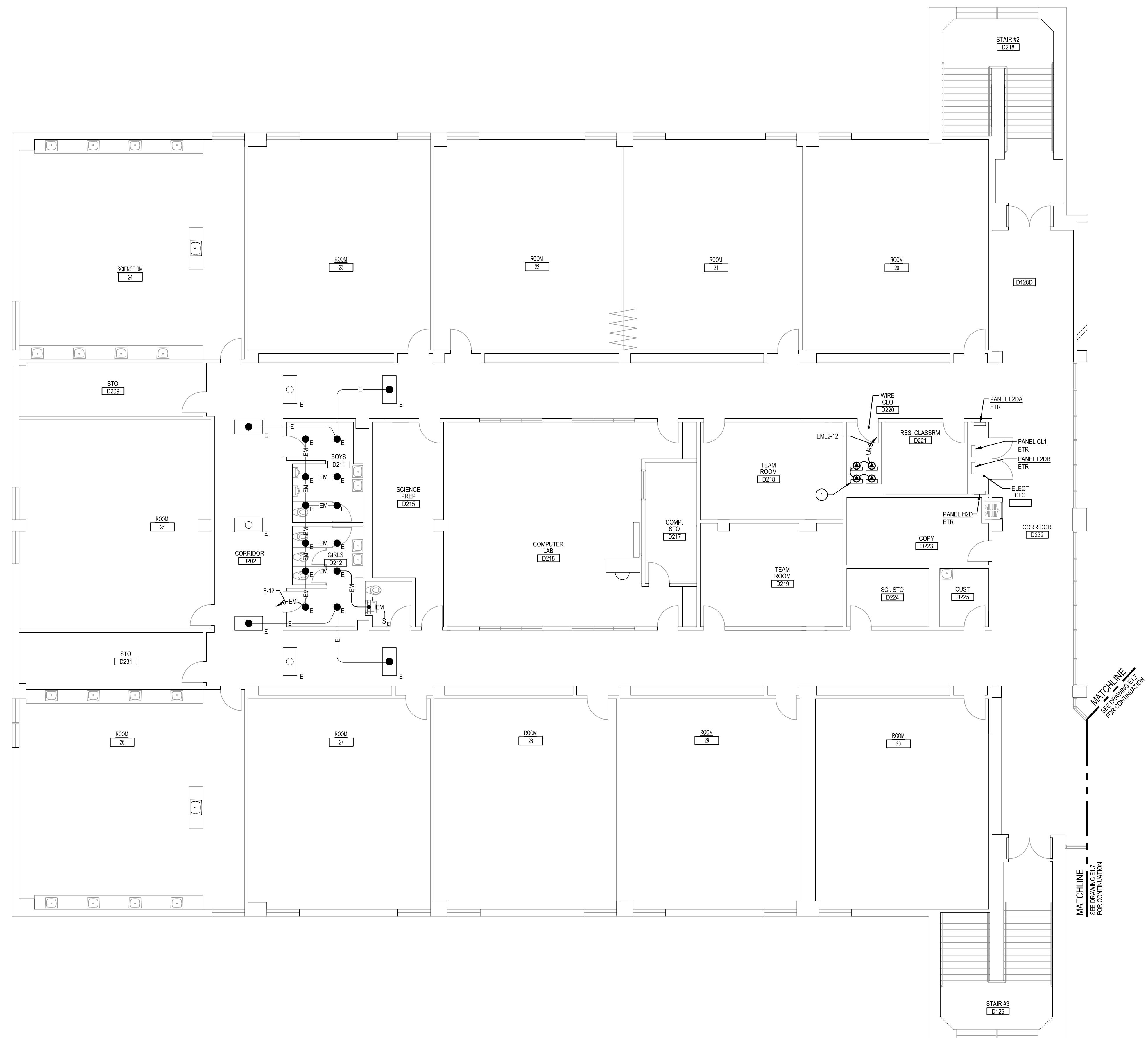
1 PART FIRST FLOOR PLAN - AREA E - NEW WORK
 E1.5 SCALE: 1/8"=1'-0"



KEY PLAN
 NOT TO SCALE



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



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 - C. REMOVE AND REINSTALL EXISTING CEILING TILES WITHIN CONSTRUCTION AREAS AS REQUIRED.
 - D. CONSTRUCTION SHALL BE PERFORMED IN PHASES. AVOID INTERRUPTION TO ANY SERVICES. GENERATOR POWER DISTRIBUTION SYSTEM SHALL BE OPERATIONAL AT ALL TIMES WHEN SCHOOL IS IN SESSION.

- SPECIFIC NOTES:**
- 1 PROVIDE CONNECTION TO EXISTING DOOR ACCESS CONTROL PANEL TYPICAL OF 4.

GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
BRIGGS CHANEY MIDDLE SCHOOL
 1901 RAINBOW DRIVE
 SILVER SPRING, MD 20905
 MONTGOMERY COUNTY PUBLIC SCHOOLS



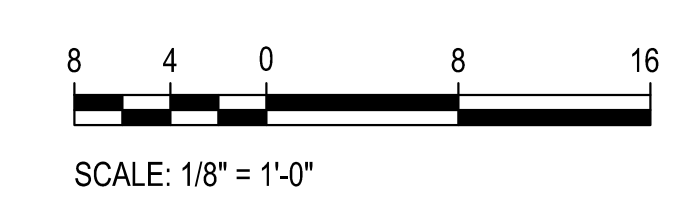
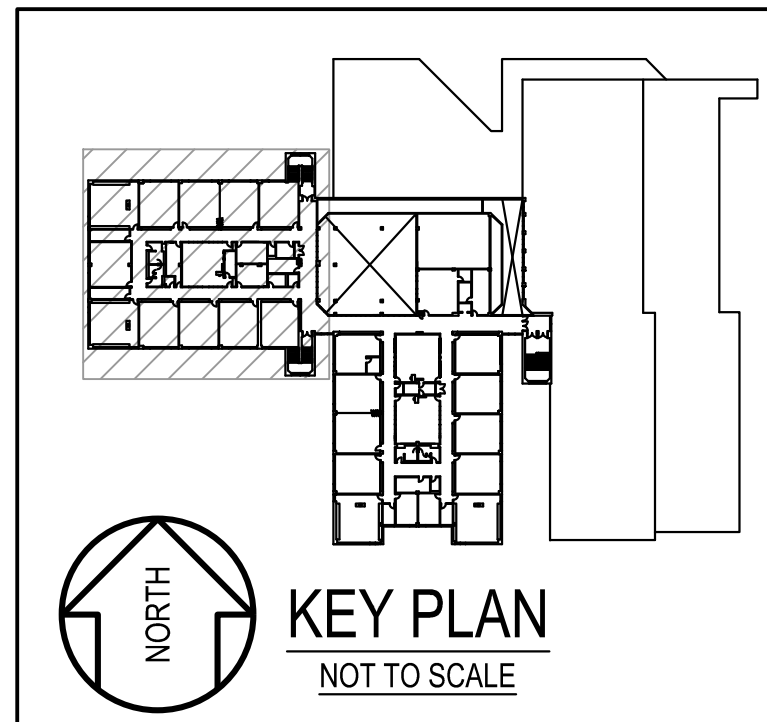
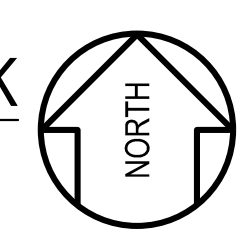
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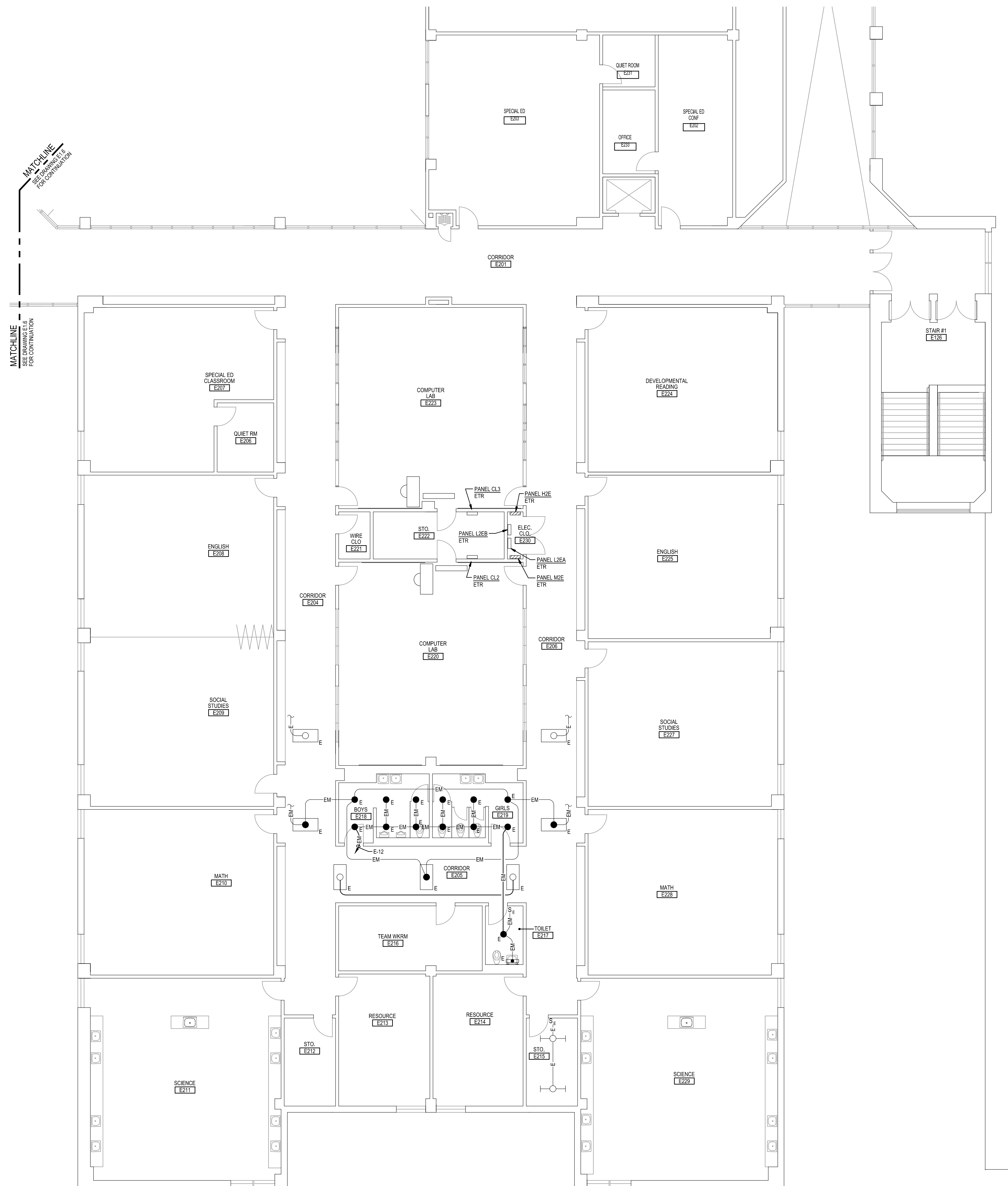
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Tag	Description	Date
	BID SET	4/23/26

Scale	AS NOTED
Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART SECOND FLOOR PLAN - AREA D - NEW WORK
Drawing No.:	E1.6

1 PART SECOND FLOOR PLAN - AREA D - NEW WORK
 E1.6 SCALE: 1/8"=1'-0"





MATCHLINE
SEE DRAWING E-1
FOR CONTINUATION

MATCHLINE
SEE DRAWING E-2
FOR CONTINUATION

- GENERAL NOTES:**
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 - REMOVE AND REINSTALL EXISTING CEILING TILES WITHIN CONSTRUCTION AREAS AS REQUIRED.
 - CONSTRUCTION SHALL BE PERFORMED IN PHASES. AVOID INTERRUPTION TO ANY SERVICES. GENERATOR POWER DISTRIBUTION SYSTEM SHALL BE OPERATIONAL AT ALL TIMES WHEN SCHOOL IS IN SESSION.

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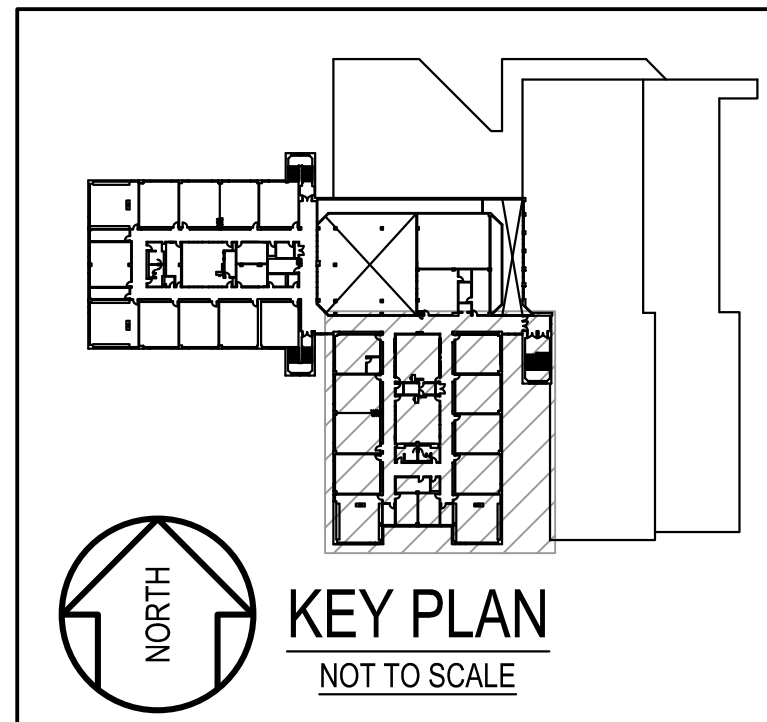
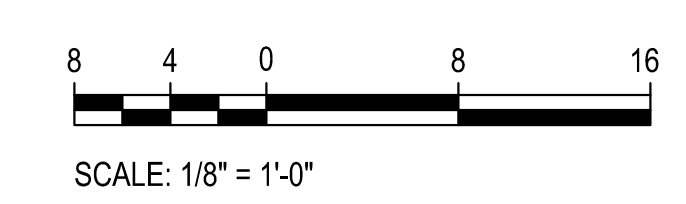
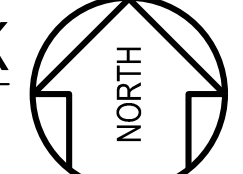


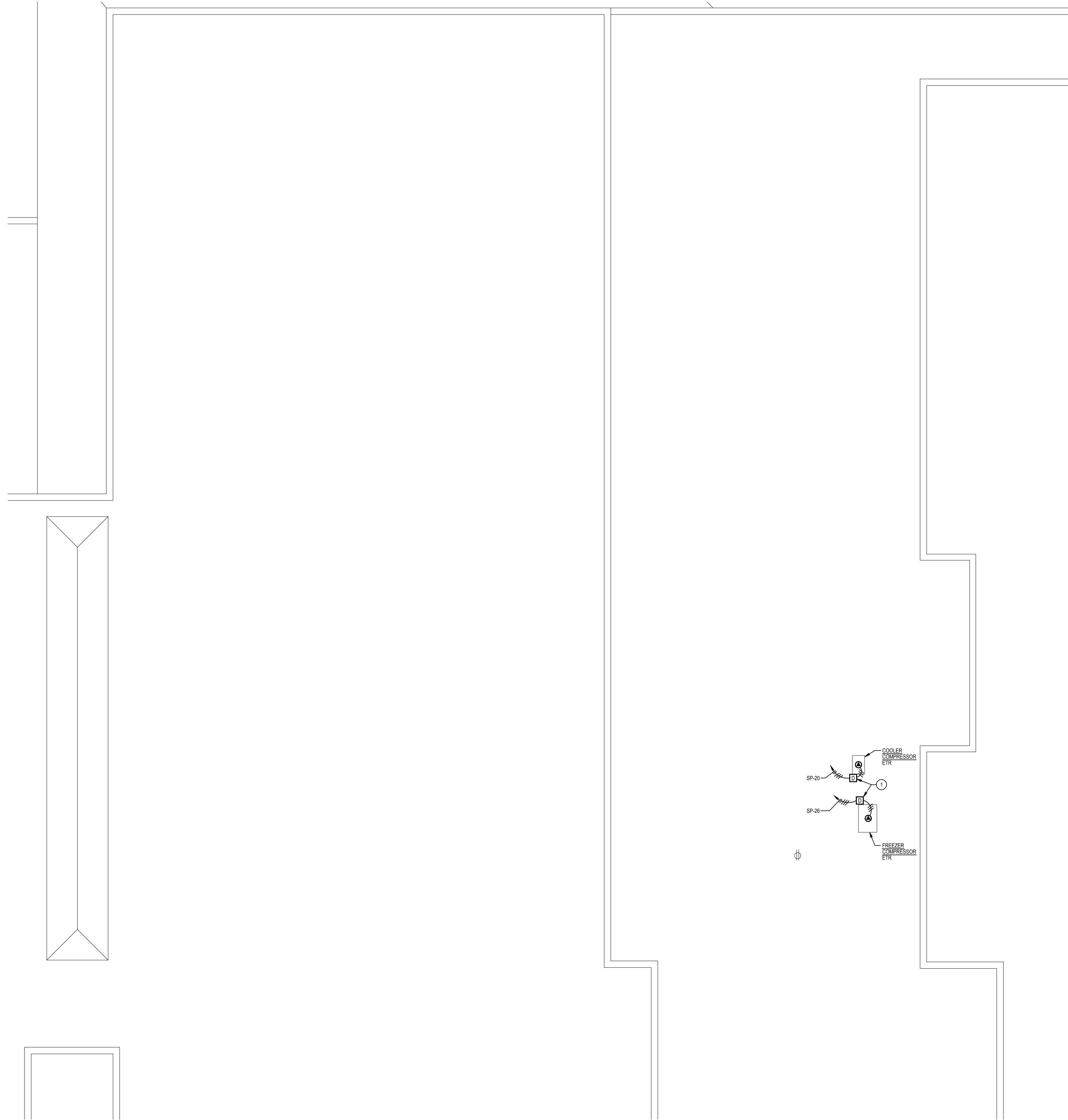
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Tag	Description	Date
	BID SET	4/23/26

Scale	AS NOTED
Project No.	8275-26
Date	APRIL 23, 2026
Drawing Title	PART SECOND FLOOR PLAN - AREA E - NEW WORK
Drawing No.:	E1.7

1
 E1.7 PART SECOND FLOOR PLAN - AREA E - NEW WORK
 SCALE: 1/8" = 1'-0"





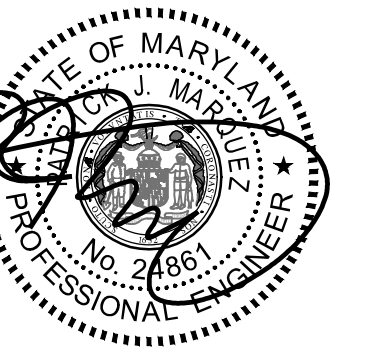
GENERAL NOTES:

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- C. REMOVE AND REINSTALL EXISTING CEILING TILES WITHIN CONSTRUCTION AREAS AS REQUIRED.
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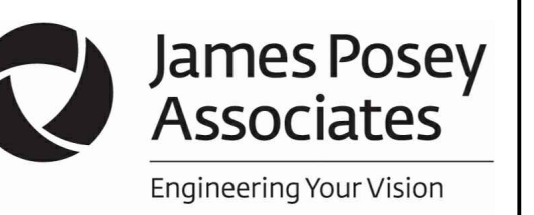
SPECIFIC NOTES:

- 1 PROVIDE 3P-30A-240V FUSED ENCLOSED SWITCH IN NEMA 3R ENCLOSURE. FUSED PER EQUIPMENT MANUFACTURERS RECOMMENDATIONS.

GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
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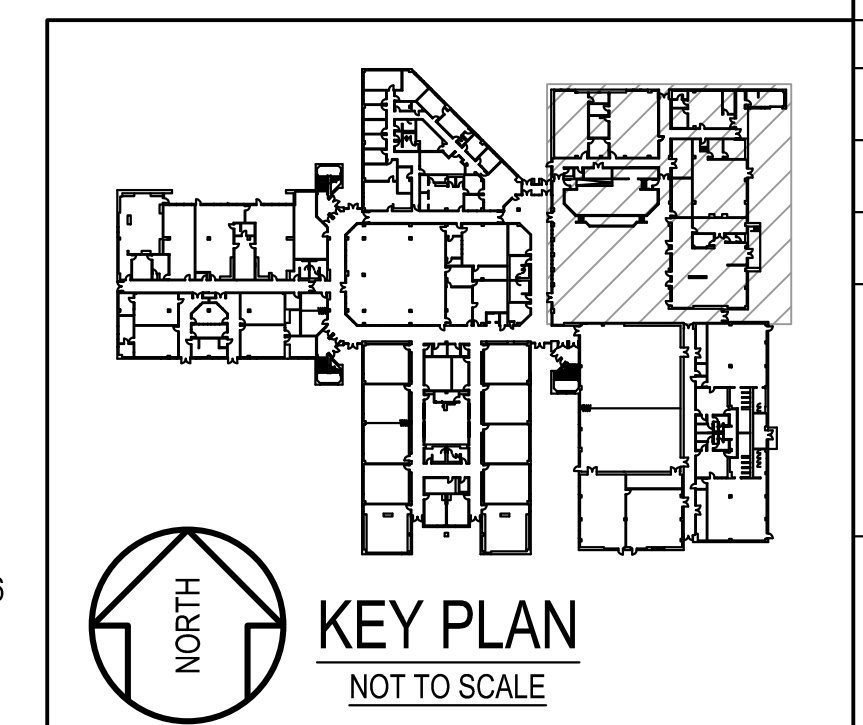
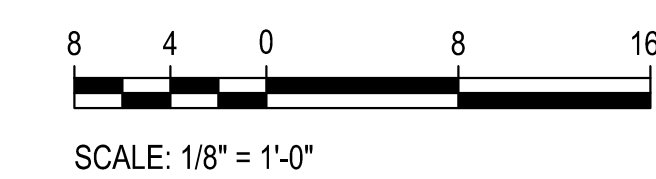
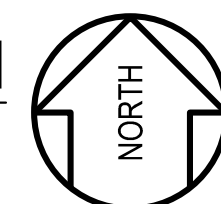
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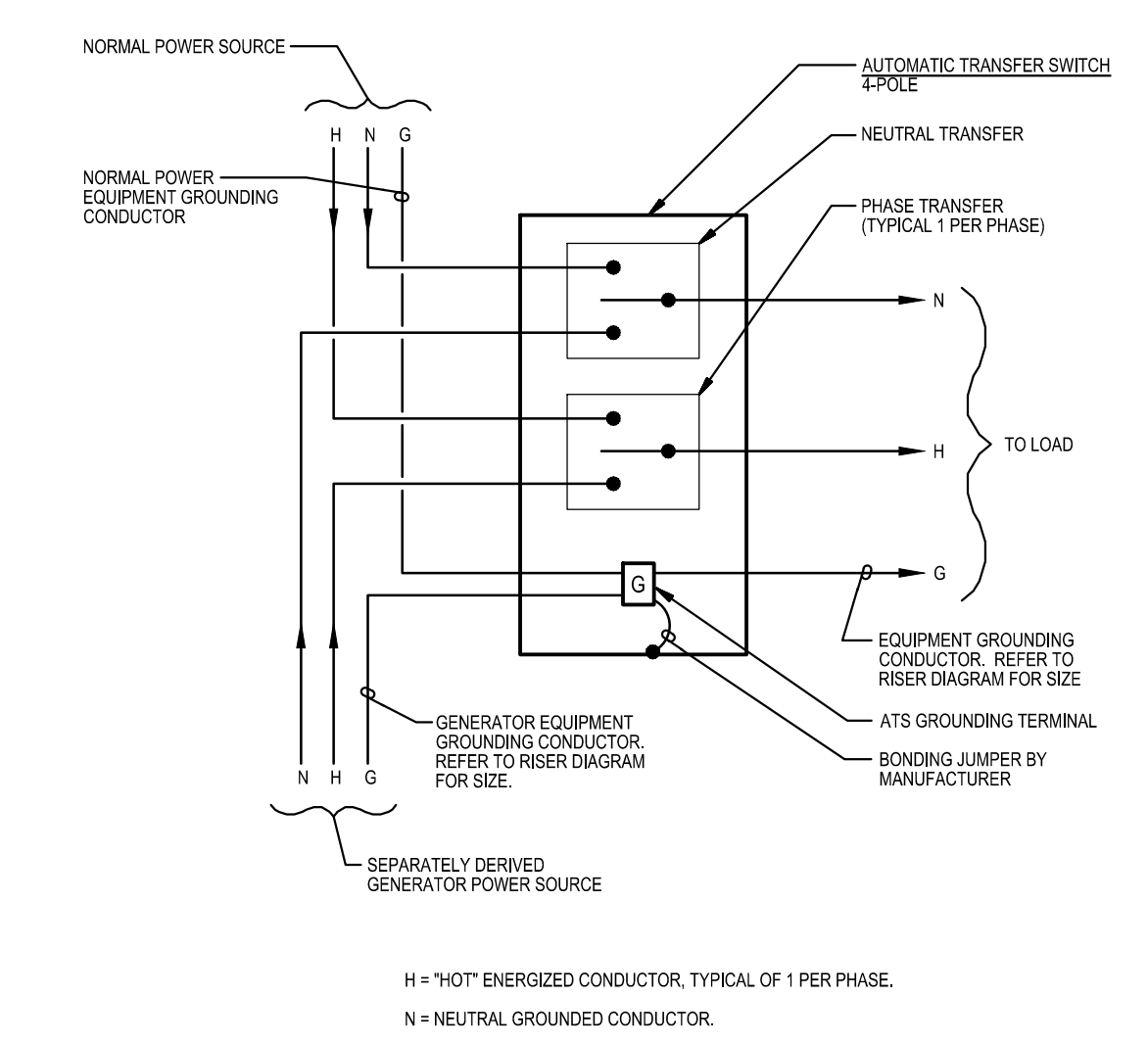
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Project No.	8275-26
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Drawing Title
PART ROOF PLAN - NEW WORK

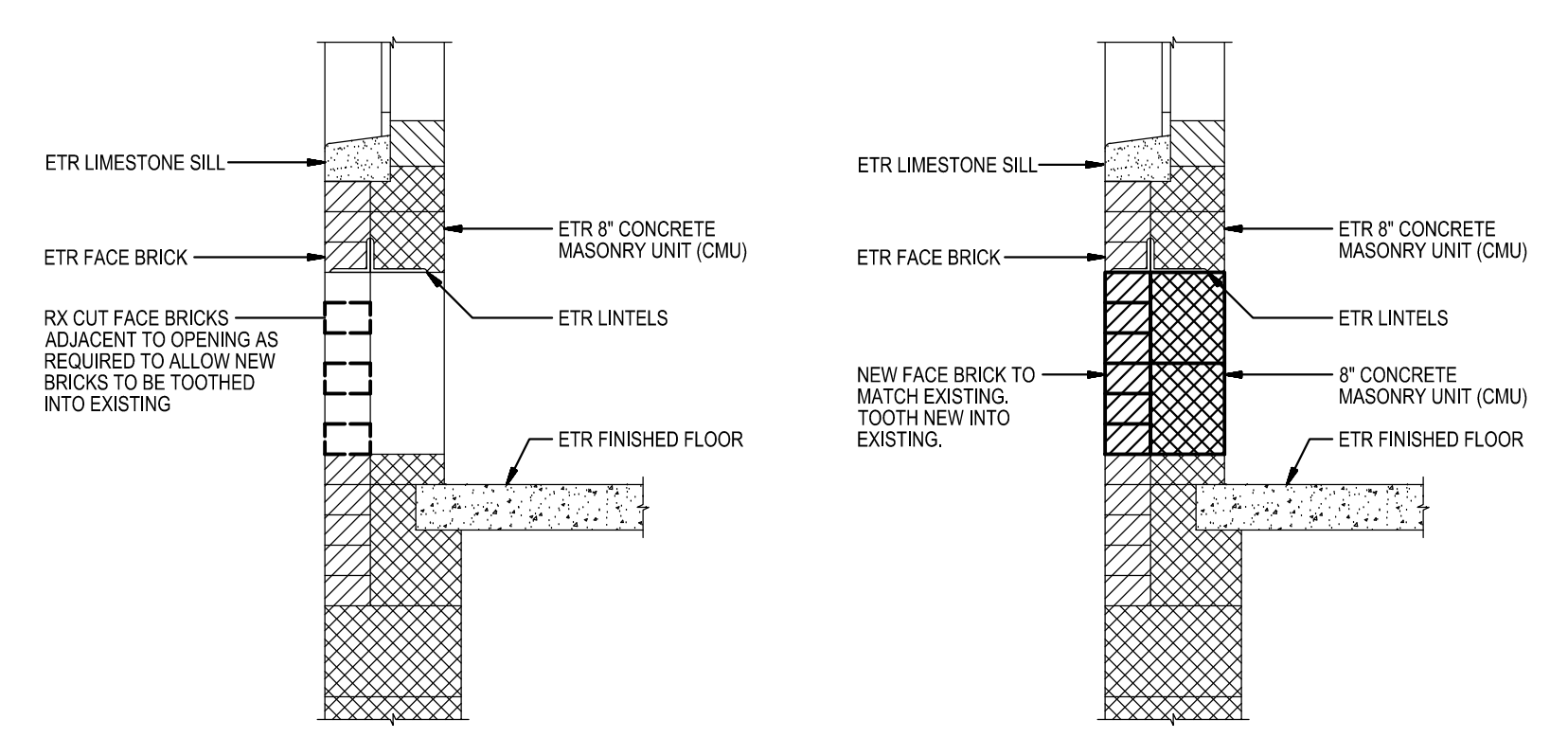
Drawing No.:
E1.8

1
 E1.8
PART ROOF PLAN
 NEW WORK
 SCALE: 1/8"=1'-0"

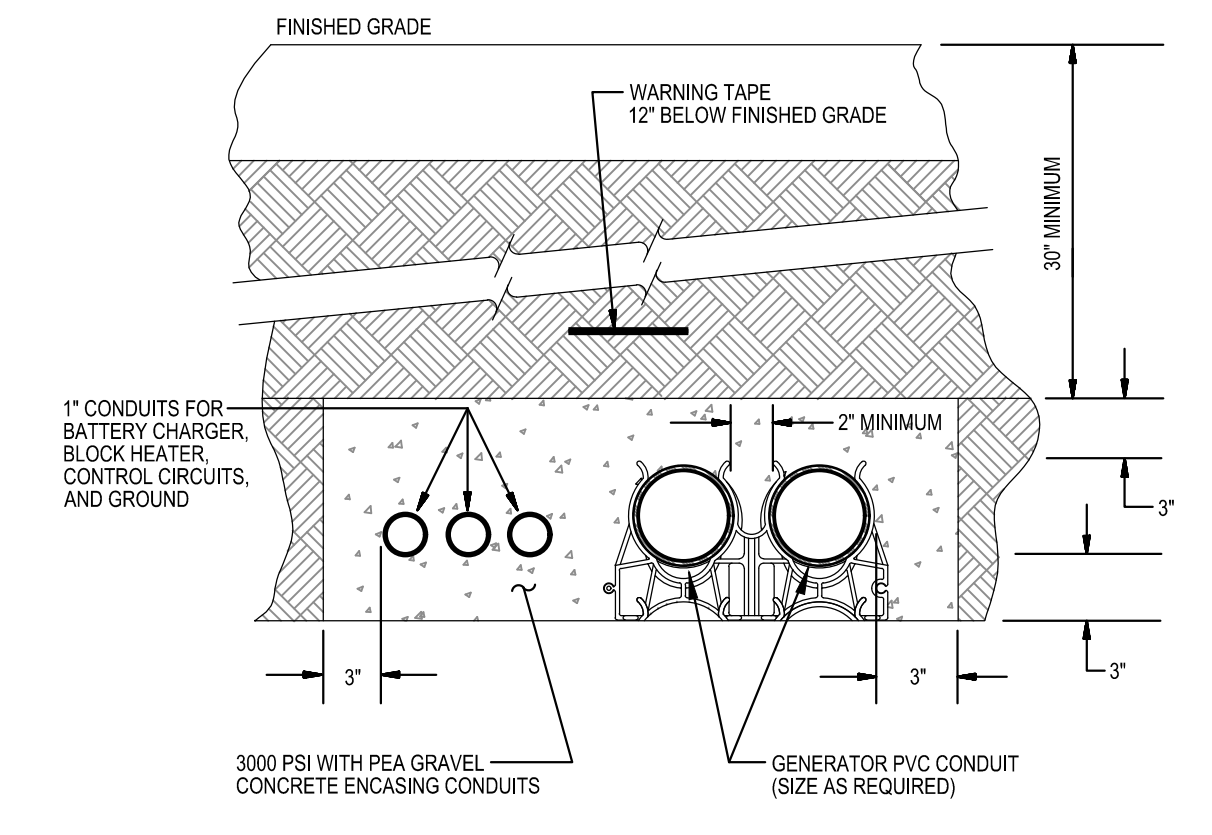




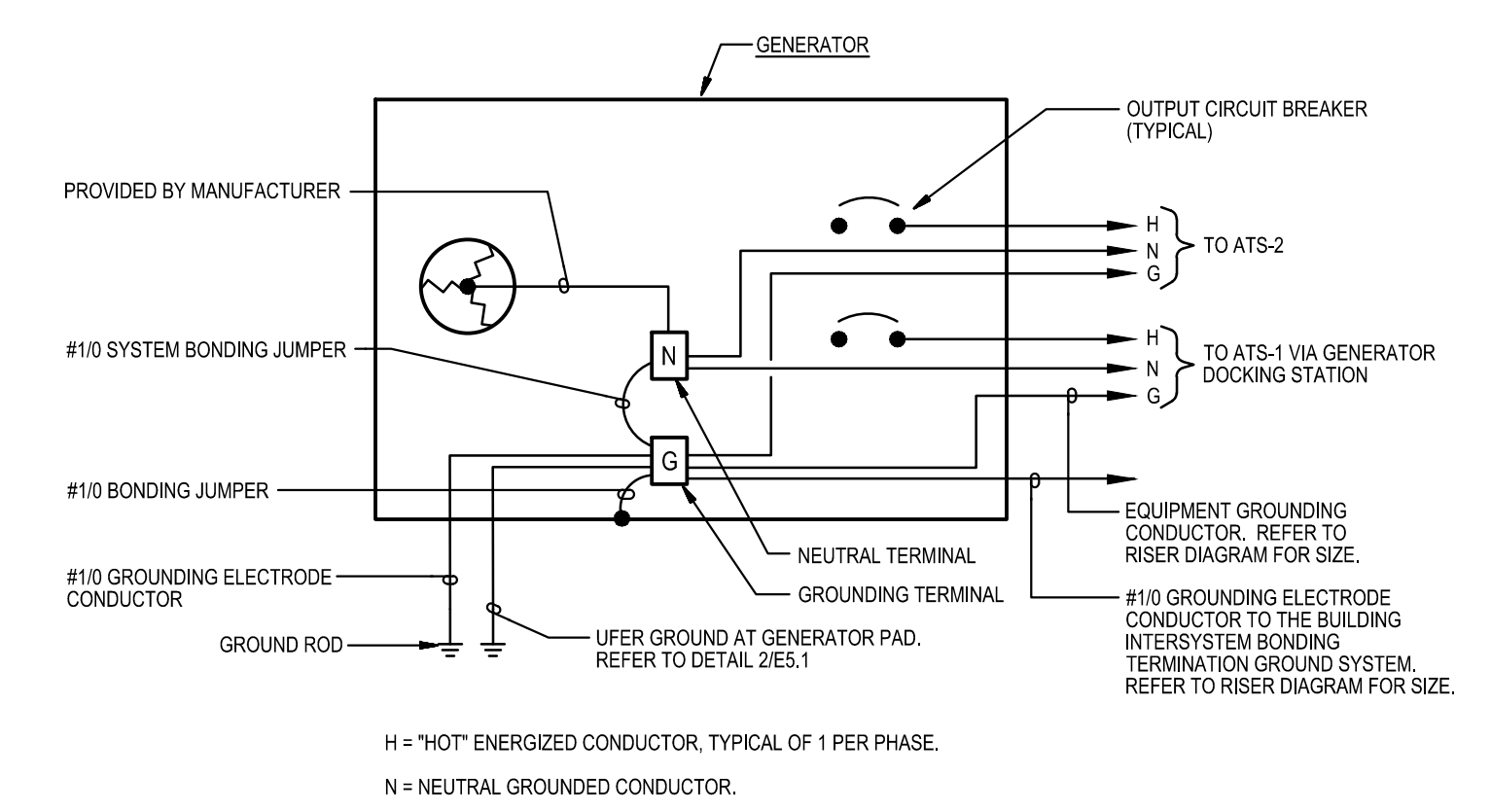
4
 E5.1 **DIAGRAM**
AUTOMATIC TRANSFER SWITCH GROUND WIRING
 NOT TO SCALE



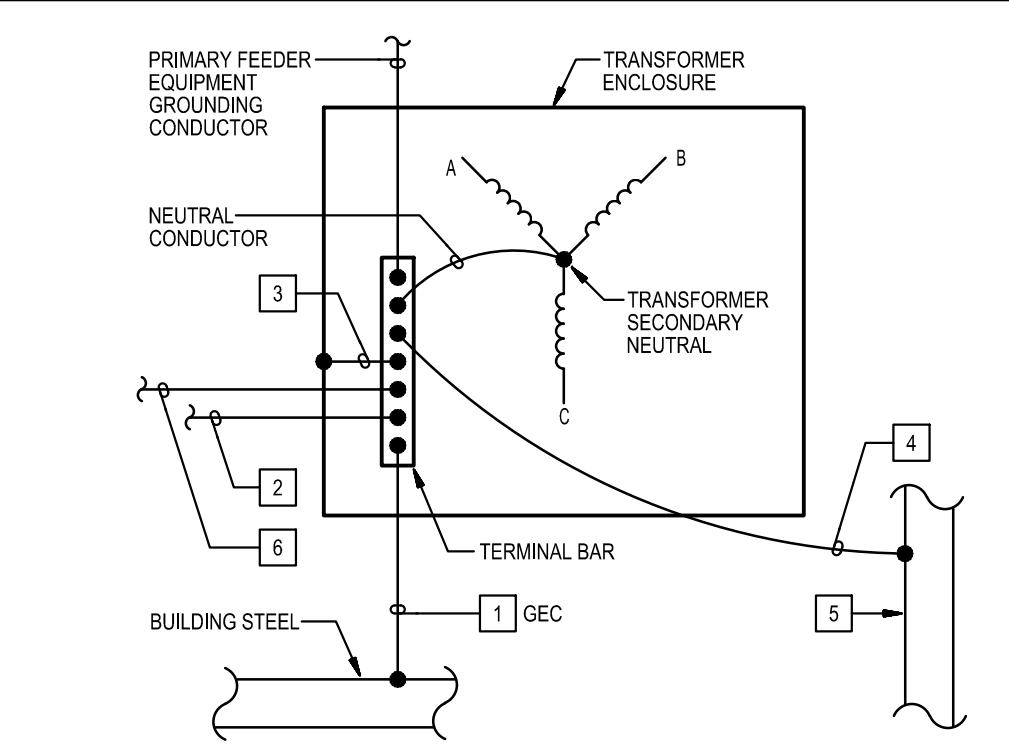
10
 E5.1 **DETAIL**
TYPICAL INFILL AT EXISTING MASONRY WALL OPENING
 NOT TO SCALE



7
 E5.1 **DETAIL**
GENERATOR DUCTBANK
 NOT TO SCALE



3
 E5.1 **DIAGRAM**
GENERATOR GROUNDING WIRING
 NOT TO SCALE

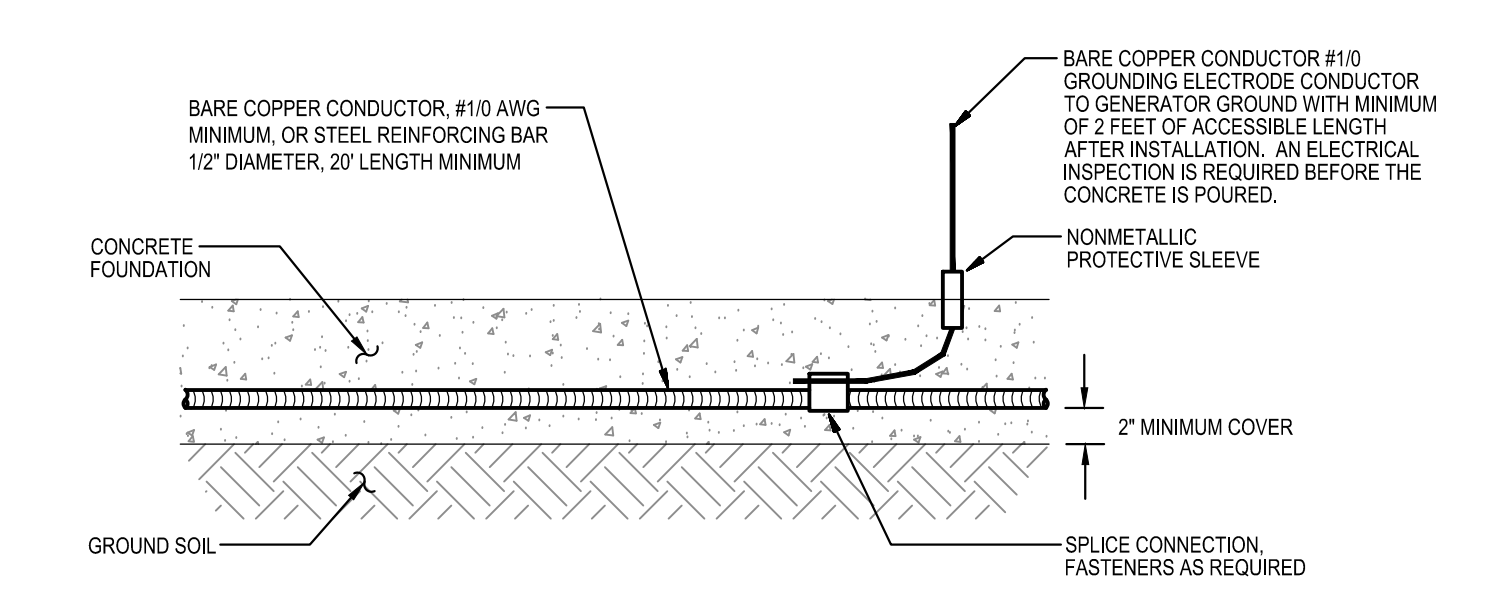


- DETAIL NOTES:**
- 1 GROUNDING ELECTRODE CONDUCTOR (GEC), SIZED PER SCHEDULE OF TRANSFORMERS ON DRAWING E-10.
 - 2 SUPPLY-SIDE BONDING JUMPER, 2017 NEC TABLE 250.142(C)(1), SIZED PER SCHEDULE OF TRANSFORMERS ON DRAWING E-10, TO EQUIPMENT GROUND BAR OF PANELBOARD SUPPLIED BY TRANSFORMER.
 - 3 SYSTEM BONDING JUMPER, SIZED PER SUPPLY-SIDE BONDING JUMPER.
 - 4 SYSTEM BONDING CONDUCTOR, SIZED PER SUPPLY-SIDE BONDING JUMPER.
 - 5 METAL WATER PIPING SYSTEM (TYPICAL FOR EACH SYSTEM IN AREA SERVED BY TRANSFORMER).
 - 6 NEUTRAL CONDUCTOR TO NEUTRAL BUS BAR (ISOLATED NEUTRAL TERMINAL) OF PANELBOARD SUPPLIED BY TRANSFORMER.

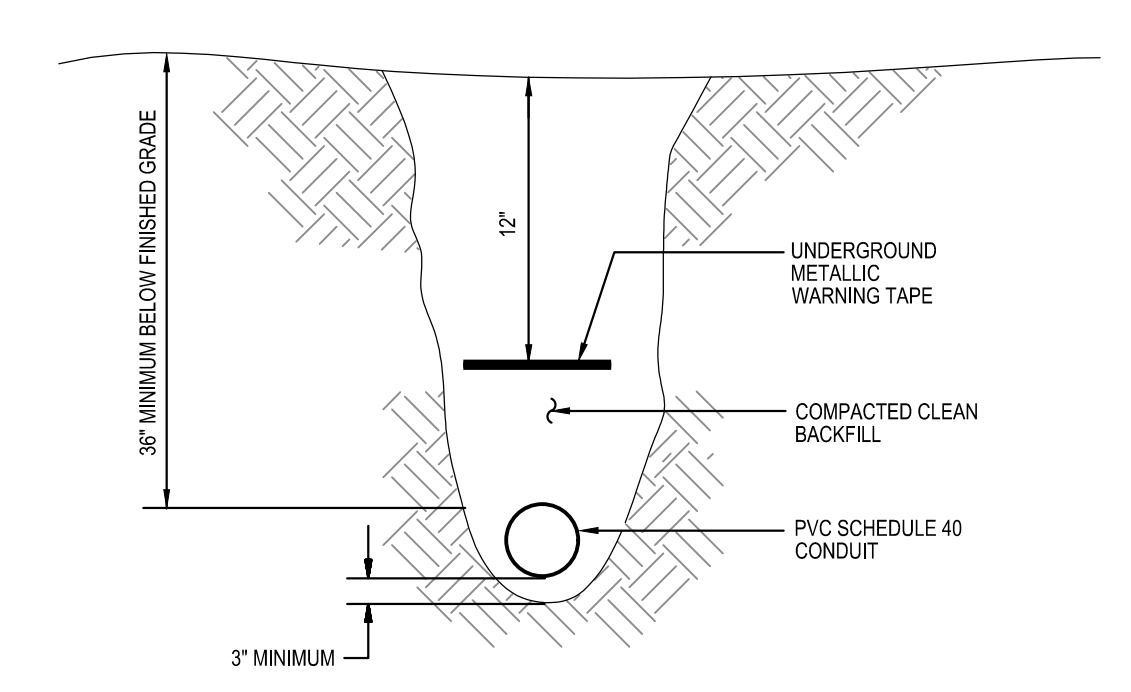
9
 E5.1 **DETAIL**
TRANSFORMER GROUNDING & BONDING
 NOT TO SCALE

GENERATOR DOCKING STATION
 FOR CONNECTIONS TO A TEMPORARY PORTABLE GENERATOR
 CONFIGURE TEMPORARY PORTABLE GENERATOR WITH
 GENERATOR NEUTRAL CONNECTED TO GENERATOR GROUND.
 GENERATOR SHALL BE A SEPARATELY DERIVED SYSTEM.
 MECHANICALLY FASTEN SIGN TO FRONT OF GENERATOR DOCKING STATION

6
 E-1 **DETAIL**
PLACARD AT GENERATOR DOCKING STATION
 NOT TO SCALE



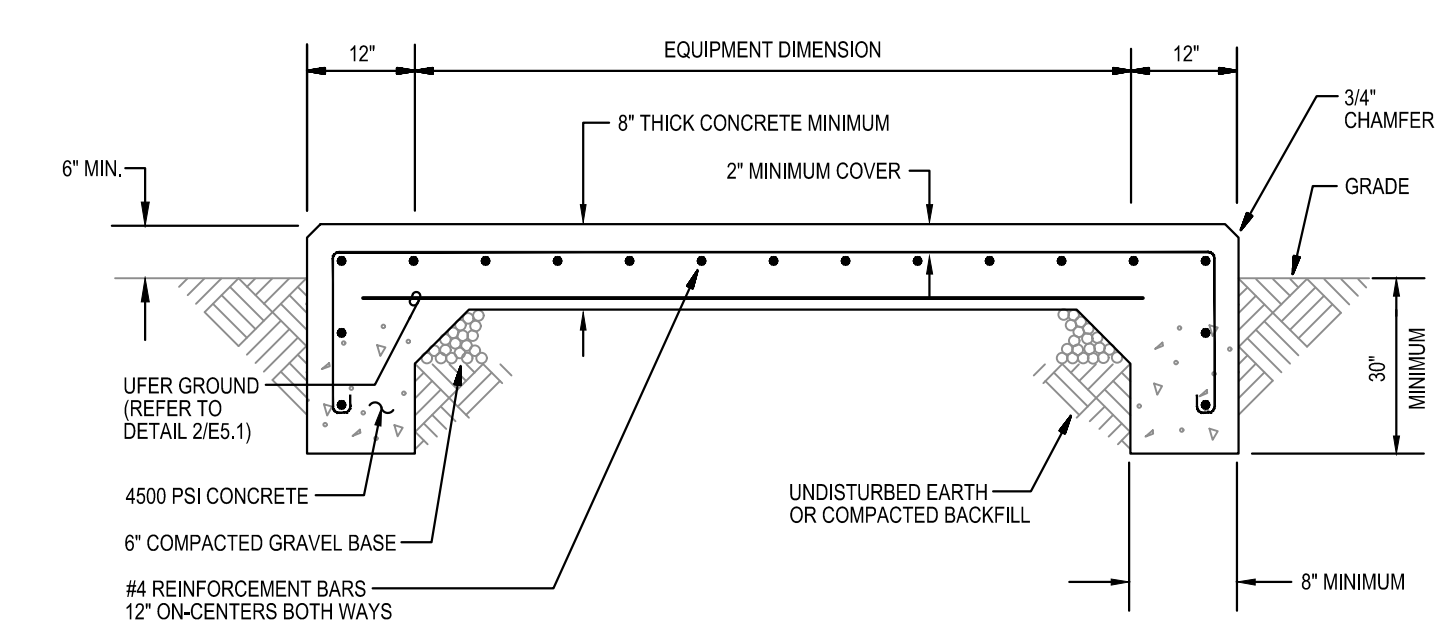
2
 E5.1 **DETAIL**
TYPICAL UFER GROUND
 NOT TO SCALE



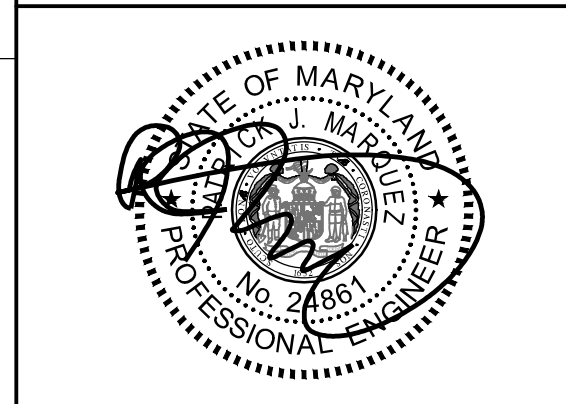
8
 E5.1 **DETAIL**
DIRECT-BURIED CONDUIT
 NOT TO SCALE

EMERGENCY AND STANDBY POWER
 200KW, 277/480 VOLTS, 3-PHASE, 4-WIRE
 NATURAL GAS GENERATOR
 LOCATED OUTSIDE BY
 KITCHEN LOADING DOCK AREA
 MECHANICALLY FASTEN SIGN TO FRONT OF MAIN SWITCHBOARD

5
 E5.1 **DETAIL**
PLACARD AT MAIN SERVICE
 NOT TO SCALE



1
 E5.1 **DETAIL**
GENERATOR CONCRETE PAD
 NOT TO SCALE



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Scale: AS NOTED
 Project No.: 8275-26
 Date: APRIL 23, 2026
 Drawing Title:

DETAILS AND DIAGRAMS

Drawing No.:
E5.1

GENERATOR AND ELECTRICAL EQUIPMENT REPLACEMENT
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Project No.	8275-26
Date	APRIL 23, 2026

Drawing Title
POWER RISER DIAGRAMS

Drawing No.:
E6.1

GENERAL NOTES:

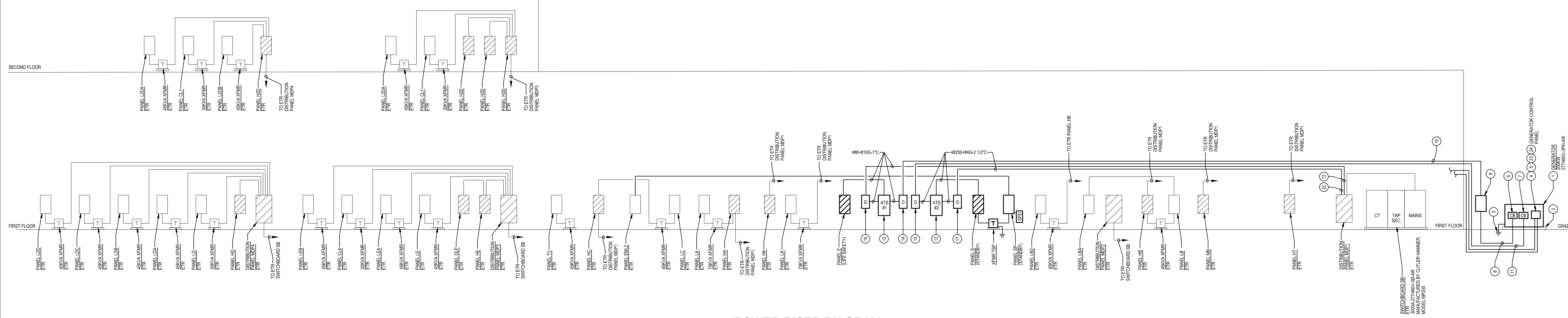
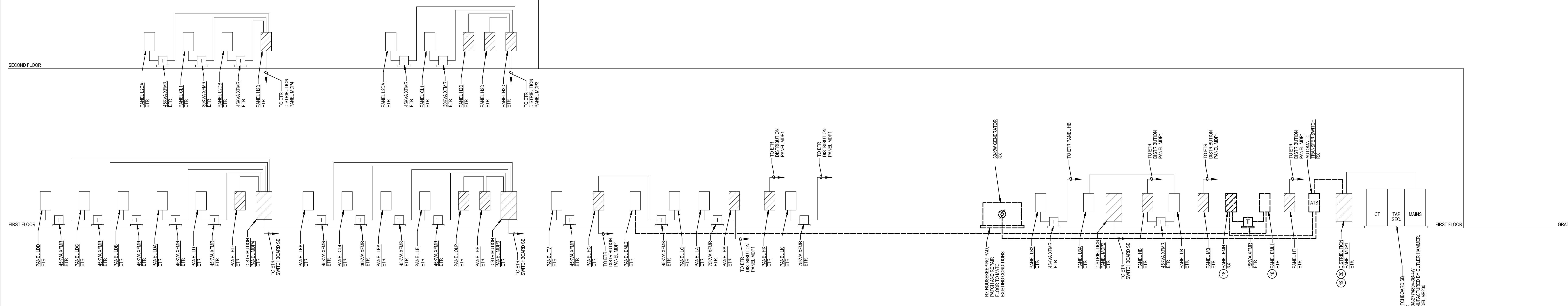
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- C. REMOVE AND REINSTALL EXISTING CEILING TILES WITHIN CONSTRUCTION AREAS AS REQUIRED.
- D. CONSTRUCTION SHALL BE PERFORMED IN PHASES. AVOID INTERRUPTION TO ANY SERVICES. GENERATOR POWER DISTRIBUTION SYSTEM SHALL BE OPERATIONAL AT ALL TIMES WHEN SCHOOL IS IN SESSION.
- E. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN HEAVY DASHED (---) SHALL BE REMOVED AND ELECTRICAL ITEMS SHOWN LIGHT SOLID (___) SHALL REMAIN.
- F. DEMOLITION SHALL INCLUDE REMOVAL AND OFF-SITE DISPOSAL OF MATERIALS. DO NOT ABANDON IN PLACE ANY ELECTRICAL COMPONENTS UNLESS OTHERWISE NOTED ON DRAWINGS.
- G. WHERE EQUIPMENT IS NOTED "DISCONNECT" OR "REMOVE", REMOVE ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE, UNLESS OTHERWISE NOTED.
- H. REMOVE EXISTING EQUIPMENT AND DEVICES INDICATED, INCLUDING ASSOCIATED WIRE AND CONDUIT BACK TO SOURCE UNLESS OTHERWISE NOTED.
- I. EXISTING CIRCUITS INTERRUPTED BY DEMOLITION, BUT ARE TO REMAIN, SHALL BE MADE CONTINUOUS.

SPECIFIC NOTES:

- 1 PROVIDE TYPE 10 GENERATOR, PER NFPA 110. THE GENERATOR SHALL BE ABLE TO PROVIDE GENERATOR POWER TO THE SCHOOL WITHIN 10 SECONDS AFTER A UTILITY POWER OUTAGE.
- 2 PROVIDE GENERATOR CONCRETE PAD. REFER TO DETAIL 16E1 FOR ADDITIONAL INFORMATION.
- 3 REFER TO DIAGRAM 3E6.1 FOR GENERATOR GROUNDING.
- 4 PROVIDE GENERATOR CONTROL WIRING IN CONDUIT BETWEEN GENERATOR CONTROL PANEL AND ASSOCIATED AUTOMATIC TRANSFER SWITCHES. MAKE CONNECTIONS NECESSARY FOR COMPLETE INSTALLATION. GENERATOR CONTROL WIRING SHALL BE AS PER GENERATOR MANUFACTURER'S RECOMMENDATIONS.
- 5 PROVIDE WIRING IN CONDUIT FROM GENERATOR CONTROL PANEL TO GENERATOR REMOTE ALARM ANNUNCIATOR PANEL. WIRING SHALL BE AS PER GENERATOR MANUFACTURER'S RECOMMENDATIONS.
- 6 PROVIDE 3P-350A ELECTRONIC TRIP CIRCUIT BREAKER TO SERVE GENERATOR EMERGENCY LIFE SAFETY LOADS. MOUNT CIRCUIT BREAKER WITHIN GENERATOR ENCLOSURE AND MAKE CONNECTIONS. COORDINATE LOCATION OF CIRCUIT BREAKER WITH GENERATOR MANUFACTURER.
- 7 PROVIDE 3P-350A CIRCUIT BREAKER TO SERVE GENERATOR STANDBY LOADS. MOUNT CIRCUIT BREAKER WITHIN GENERATOR ENCLOSURE AND MAKE CONNECTIONS. COORDINATE LOCATION OF CIRCUIT BREAKER WITH GENERATOR MANUFACTURER.
- 8 PROVIDE 4 #10 - #10 GROUND IN 3" CONDUIT BETWEEN 3P-350A ELECTRONIC TRIP CIRCUIT BREAKER AT GENERATOR SERVING EMERGENCY (LIFE SAFETY) LOADS AND GENERATOR DOCKING STATION, SIZED FOR LOAD BANK CONNECTION.
- 9 PROVIDE 350A GENERATOR DOCKING STATION IN NEMA TYPE 3R ENCLOSURE, EQUAL TO TRY STAR D655-3 WITH 3P-40A CIRCUIT BREAKERS. KRK KEY INTERLOCKED, FOR CONNECTIONS TO ATS-1 AND PORTABLE MOBILE GENERATOR. FEEDER FOR LOAD BANK CONNECTION SHALL BE SIZED FOR 350A. PROVIDE 350A ON FRONT OF GENERATOR DOCKING STATION TO READ AS FOLLOWS "SERVING EMERGENCY TRANSFER SWITCH (ATS-1) IN RECEIVING ROOM, 3PHASE, 4-WIRE".
- 10 PROVIDE 4 #6 - #10 GROUND IN 2" CONDUIT.
- 11 PROVIDE 4 #250 - #2 GROUND IN 2 1/2" CONDUIT.
- 12 PROVIDE 4P-250A AUTOMATIC TRANSFER SWITCH (ATS) TO SERVE EMERGENCY LIFE SAFETY LOADS. ATS SHALL HAVE A MINIMUM UL 1008 WITHSTAND AND CLOSING RATING OF 65K AC. PROVIDE NAMEPLATE ON FRONT OF ATS TO READ "EMERGENCY ATS".

SPECIFIC NOTES (CONTINUED):

- 13 PROVIDE 4P-250A AUTOMATIC TRANSFER SWITCH (ATS) TO SERVE STANDBY LOADS. ATS SHALL HAVE A MINIMUM UL 1008 WITHSTAND AND CLOSING RATING OF 65K AC. PROVIDE NAMEPLATE ON FRONT OF ATS TO READ "STANDBY ATS".
- 14 PROVIDE 3P-400A/400V NON-FUSED ENCLOSED SWITCH WITH NEUTRAL KIT IN NEMA TYPE 1 ENCLOSURE TO SERVE GENERATOR EMERGENCY / LIFE SAFETY LOADS.
- 15 PROVIDE 3P-400A/400V NON-FUSED ENCLOSED SWITCH WITH NEUTRAL KIT IN NEMA TYPE 1 ENCLOSURE TO SERVE GENERATOR STANDBY LOADS.
- 16 PROVIDE 3P-400A/400V FUSED ENCLOSED SWITCH WITH NEUTRAL KIT IN NEMA TYPE 1 ENCLOSURE. PROVIDE WITH 200A CURRENT LIMITING FUSES.
- 17 PROVIDE 3P-400A/400V FUSED ENCLOSED SWITCH WITH NEUTRAL KIT IN NEMA TYPE 1 ENCLOSURE. PROVIDE WITH 200A CURRENT LIMITING FUSES.
- 18 REFER TO SPECIFIC NOTE 5 ON DRAWING ED1.2 FOR ADDITIONAL INFORMATION.
- 19 DISCONNECT AND REMOVE EXISTING 3P-60A CIRCUIT BREAKER SERVING ATS TO BE REMOVED AND REPLACE WITH 3P-60A CIRCUIT BREAKER IN ITS PLACE TO SERVE PANEL E VIA ATS-1 AND FUSED ENCLOSED SWITCH. TYPE AND AIC RATING OF CIRCUIT BREAKER SHALL MATCH EXISTING.
- 20 DISCONNECT AND REMOVE EXISTING 3P-100A CIRCUIT BREAKER (LABELED SPARE) AND REPLACE WITH 3P-250A CIRCUIT BREAKER IN ITS PLACE TO SERVE PANEL S VIA ATS-2 AND FUSED ENCLOSED SWITCH. TYPE AND AIC RATING OF CIRCUIT BREAKER SHALL MATCH EXISTING.
- 21 PROVIDE CONNECTION TO 3P-60A CIRCUIT BREAKER INSTALLED IN EXISTING DISTRIBUTION PANEL MDP1.
- 22 PROVIDE CONNECTION TO 3P-250A CIRCUIT BREAKER INSTALLED IN EXISTING DISTRIBUTION PANEL MDP1.
- 23 PROVIDE WIRING FROM GENERATOR CONTROL PANEL TO FIRE DETECTION AND ALARM SYSTEM VIA MONITOR MODULES. WIRING SHALL BE AS PER GENERATOR MANUFACTURER'S RECOMMENDATIONS.
- 24 PROVIDE WIRING IN CONDUIT FROM GENERATOR CONTROL PANEL TO EMERGENCY STOP PUSHBUTTON IN MECHANICAL ROOM #102. COORDINATE WITH MPCS FOR EXACT LOCATION OF EMERGENCY STOP PUSHBUTTON.





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Tag	Description	Date
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Scale: AS NOTED
 Project No.: 8275-26
 Date: APRIL 23, 2026

Drawing Title: SCHEDULES

Drawing No.: **E6.2**

WIRING SCHEDULE: PANEL E															
277 / 480 VOLTS				3 PHASE 4 WIRE				125 AMP BUS				SURFACE MOUNTED			
CIR- CUT	POLE	DESCRIPTION	WIRE/ CONDUIT	BREAKER POLE AMP	KVA / Ø			CIR- CUT	POLE	DESCRIPTION	WIRE/ CONDUIT	BREAKER POLE AMP			
1		SPARE		1	20	1.4		2	2	EM LIGHTS E-2	#10-3/4"	1	20		
3		SPARE		1	20		2.1	4	4	EM LIGHTS D (1ST FLR)	#10-3/4"	1	20		
5		SPARE		1	20			6	6	EM LIGHTS C, E (1ST FLR)	#10-3/4"	1	20		
7		SPARE		1	20	3.0		8	8	EM LIGHTS A, B	#10-3/4"	1	20		
9		EM LIGHTS B	#10-3/4"	1	20	2.5	1.9	10	10	EM LIGHTS C, D, E (1ST FLR)	#10-3/4"	1	20		
11		EM LIGHTS A	#10-3/4"	1	20			12	12	EM LIGHTS D, E (2ND FLR)	#10-3/4"	1	20		
-	-	13 SPACE AND PROVISIONS	-	1	-	-	-	-	-	14 SPACE AND PROVISIONS	-	1	-		
-	-	15 SPACE AND PROVISIONS	-	1	-	-	-	-	-	16 SPACE AND PROVISIONS	-	1	-		
-	-	17 SPACE AND PROVISIONS	-	1	-	-	-	-	-	18 SPACE AND PROVISIONS	-	1	-		
CONNECTED LOAD =				15.7 KVA				0.0 4.4 2.5 4.0 1.3 3.5				MAIN BREAKER 60 AMPS			
DEMAND LOAD =				15.7 KVA				4.4 6.5 4.8				LOCATION RECEIVING B118			
MIN AIC RATING =				42,000 AMPS SYMMETRICAL											

NOTES:
 (1) PROVIDE FUSIBLE BRANCH CIRCUIT PANELBOARD.
 (2) PROVIDE PANELBOARD WITH INTEGRAL SURGE PROTECTIVE DEVICE.

WIRING SCHEDULE: PANEL S															
277 / 480 VOLTS				3 PHASE 4 WIRE				400 AMP BUS				SURFACE MOUNTED			
CIR- CUT	POLE	DESCRIPTION	WIRE/ CONDUIT	BREAKER POLE AMP	KVA / Ø			CIR- CUT	POLE	DESCRIPTION	WIRE/ CONDUIT	BREAKER POLE AMP			
1		PUMP P-1	#8-1/2"	3	60	7.2	7.2	2	2	PUMP P-2	#8-1/2"	3	60		
-	-	3 SPACE AND PROVISIONS	-	1	-			4	4		-	1	-		
-	-	5 SPACE AND PROVISIONS	-	1	-			6	6		-	1	-		
7		PUMP P-3	#10-1/2"	3	40	5.6	5.6	8	8	PUMP P-4	#10-1/2"	3	40		
-	-	9 SPACE AND PROVISIONS	-	1	-			10	10		-	1	-		
-	-	11 SPACE AND PROVISIONS	-	1	-			12	12		-	1	-		
13		PUMP P-8	#12-3/4"	3	15	0.8	0.8	14	14	PUMP P-9	#12-3/4"	3	15		
-	-	15 SPACE AND PROVISIONS	-	1	-			16	16		-	1	-		
-	-	17 SPACE AND PROVISIONS	-	1	-			18	18		-	1	-		
19		PUMP P-10	#12-3/4"	3	15	0.8	0.8	20	20	PUMP P-11	#12-3/4"	3	15		
-	-	21 SPACE AND PROVISIONS	-	1	-			22	22		-	1	-		
-	-	23 SPACE AND PROVISIONS	-	1	-			24	24		-	1	-		
-	-	25 SPACE AND PROVISIONS	-	1	-			26	26		-	1	-		
-	-	27 SPACE AND PROVISIONS	-	1	-			28	28		-	1	-		
-	-	29 SPACE AND PROVISIONS	-	1	-			30	30		-	1	-		
-	-	31 SPACE AND PROVISIONS	-	1	-			32	32		-	1	-		
-	-	33 SPACE AND PROVISIONS	-	1	-			34	34		-	1	-		
-	-	35 SPACE AND PROVISIONS	-	1	-			36	36		-	1	-		
-	-	37 SPACE AND PROVISIONS	-	1	-	11.2		38	38	XFMR TSP	#8-3/4"	3	90		
-	-	39 SPACE AND PROVISIONS	-	1	-			40	40	(SERVING PANEL SP)	#8-3/4"	3	90		
-	-	41 SPACE AND PROVISIONS	-	1	-			42	42		-	1	-		
CONNECTED LOAD =				116.1 KVA				14.4 25.6 14.4 25.7 14.4 21.6				MAIN BREAKER 250 AMPS			
DEMAND LOAD =				77.7 KVA				40.0 40.1 36.0				LOCATION RECEIVING B118			
MIN AIC RATING =				42,000 AMPS SYMMETRICAL											

WIRING SCHEDULE: PANEL SP															
120 / 208 VOLTS				3 PHASE 4 WIRE				225 AMP BUS				SURFACE MOUNTED			
CIR- CUT	POLE	DESCRIPTION	WIRE/ CONDUIT	BREAKER POLE AMP	KVA / Ø			CIR- CUT	POLE	DESCRIPTION	WIRE/ CONDUIT	BREAKER POLE AMP			
1		GEN BLOCK HEATER	#8-1"	1	20	1.5	1.8	2	2	PANEL EML2 (MAIN OFFICE) (S)	#8-1/2"	3	50		
3		GEN BATTERY CHARGER	#8-1"	1	20			4	4		#4-1/2"	3	50		
5		REC AT GENERATOR	#8-1"	1	20			6	6		#1-1/4"	1	20		
7		REC BOILER ROOM	#12-3/4"	1	20	0.4	0.8	8	8	WON DOOR 1ST FLOOR	#12-3/4"	1	20		
9		REC PUMP AND ELEC RM	#12-3/4"	1	20			10	10	WON DOOR 2ND FLOOR D & E	#12-3/4"	1	20		
11		SECURITY BOYS P.E. OFFICE	#12-3/4"	1	20			12	12	SECURITY MUSIC OFFICE	#12-3/4"	1	20		
13		SMOKE DAMPER	#12-3/4"	1	20	0.2	0.5	14	14	FACP	#12-3/4"	1	20		
15		BOILER B-1	#10-3/4"	1	25			16	16	FIRE ALARM VOICE PANEL	#12-3/4"	1	20		
-	-	17 (SHUNT-TRIP SPACE)	-	-	-			18	18	FIRE ALARM DOOR HOLDERS	#12-3/4"	1	20		
19		BOILER B-2	#10-3/4"	1	25	2.4	1.3	20	20	COOLER COMPRESSOR	#12-3/4"	3	20		
-	-	21 (SHUNT-TRIP SPACE)	-	-	-			22	22		#12G-	3/4"			
23		BOILER B-2	#10-3/4"	1	25			24	24		#12G-	3/4"			
-	-	25 (SHUNT-TRIP SPACE)	-	-	-	1.3		26	26	FREEZER COMPRESSOR	#12-3/4"	3	20		
27		BOILER B-2	#10-3/4"	1	25			28	28		#12G-	3/4"			
-	-	29 (SHUNT-TRIP SPACE)	-	-	-			30	30		#12G-	3/4"			
31		REC SERVER RACK	#8-3/4"	1	20	1.0	-	32	32	SPARE		1	20		
33		ACCESS CONTROL PANELS - 1B	#10-3/4"	1	20		0.2	34	34	SPARE		1	20		
35		SPARE		1	20			36	36	SPARE		1	20		
37		SPARE		1	20			38	38	SPARE		1	20		
39		SPARE		1	20			40	40	SPARE		1	20		
41		SPARE		1	20			42	42	SPARE		1	20		
43		SPARE		1	20			44	44	SPARE		1	20		
45		SPARE		1	20			46	46	SPARE		1	20		
47		SPARE		1	20			48	48	SPARE		1	20		
-	-	49 SPACE AND PROVISIONS	-	1	-			50	50	SURGE PROTECTIVE DEVICE	#8-3/4"	3	30		
-	-	51 SPACE AND PROVISIONS	-	1	-			52	52		#8G-				
-	-	53 SPACE AND PROVISIONS	-	1	-			54	54		#12G-	3/4"			
CONNECTED LOAD =				29.7 KVA				5.5 5.7 6.8 4.5 3.1 4.1				MAIN BREAKER 150 AMPS			
DEMAND LOAD =				23.5 KVA				11.2 11.3 7.2				LOCATION RECEIVING B118			
MIN AIC RATING =				10,000 AMPS SYMMETRICAL											

NOTES:
 (1) PROVIDE GFCI-TYPE CIRCUIT BREAKER.
 (2) INTERCEPT & SPLICE EXISTING BRANCH CIRCUIT AT PANELBOARD ENCLOSURE, PREVIOUSLY PANEL LE, TO BE USED AS A PULL BOX. MATCH EXISTING WIRING AND CONDUIT AND EXTEND WIRING AND CONDUIT FROM PANEL SP TO PANELBOARD ENCLOSURE.
 (3) PROVIDE PANELBOARD WITH INTEGRAL SURGE PROTECTIVE DEVICE.
 (4) PROVIDE SHUNT-TRIP CIRCUIT BREAKER.
 (5) FEEDER HAS BEEN SIZED FOR VOLTAGE DROP.

WIRING SCHEDULE: EXISTING PANEL EML2															
120 / 208 VOLTS				3 PHASE 4 WIRE				100 AMP BUS				SURFACE MOUNTED			
CIR- CUT	POLE	DESCRIPTION	WIRE/ CONDUIT	BREAKER POLE AMP	KVA / Ø			CIR- CUT	POLE	DESCRIPTION	WIRE/ CONDUIT	BREAKER POLE AMP			
1		MAIN		3	50	0.5		2	2	CONSOLE	(ETR)	1	20		
-	-	3 SPACE AND PROVISIONS	-	1	-			4	4	REC OFFICE	(ETR)	1	20		
-	-	5 SPACE AND PROVISIONS	-	1	-			6	6	REC OFFICE	(ETR)	1	20		
7		SECURITY OFFICE	(ETR)	1	20	0.4	0.5	8	8	PA SYSTEM AND PHONES	(ETR)	1	20		
9		SECURITY E. D (1st FLR)	(ETR)	1	20		0.2	10	10	REC REFRIG C135 (3)	#8-3/4"	1	20		
11		SECURITY E. D (2ND FLR)	(ETR)	1	20		0.2	12	12	ACCESS CONTROL PNLs D (4)	#8-3/4"	1	20		
-	-	13 SPACE AND PROVISIONS	-	1	-	0.4		14	14	REC DATA RACK E120 (4)	#8-3/4"	1	20		
-	-	15 SPACE AND PROVISIONS	-	1	-		0.3	16	16	ACCESS CONTROL PANELS - 1B	#8-3/4"	1	20		
-	-	17 SPACE AND PROVISIONS	-	1	-			18	18	SPACE AND PROVISIONS	-	1	-		
CONNECTED LOAD =				3.8 KVA				0.4 1.4 0.2 1.0 0.2 0.8				MAIN BREAKER 50 AMPS			
DEMAND LOAD =				3.8 KVA				1.8 1.2 0.6				LOCATION CLOSET C112			
MIN AIC RATING =				(ETR) AMPS SYMMETRICAL											

GENERAL NOTES:
 A. LOADS INDICATED IN ITALICS ARE EXISTING TO REMAIN.
 B. LOADS INDICATED IN BOLD ARE NEW.
 EXISTING LOAD = 2.2 KVA
 ADDED LOAD = 1.6 KVA
 TOTAL LOAD = 3.8 KVA
 PANEL CAPACITY = 14.4 KVA

NOTES:
 (1) EXISTING PANEL IS MANUFACTURED BY CUTLER HAMMER, TYPE PB.
 (2) EXISTING PANEL EML2 IS FED FROM A 3P-50A CIRCUIT BREAKER IN NEW PANEL SP.
 (3) EXISTING SPARE CIRCUIT BREAKER OR EXISTING CIRCUIT BREAKER MADE SPARE DURING DEMOLITION WORK.
 (4) PROVIDE CIRCUIT BREAKER IN AVAILABLE SPACE AS INDICATED. TYPE AND AIC RATING OF CIRCUIT BREAKER TO MATCH EXISTING.

SCHEDULE OF TRANSFORMERS							
TRANSFORMER DESIG	KVA	LOCATION	PRIMARY FEEDER	SECONDARY TAP WIRING & CONDUIT (NOTE A)	GROUNDING ELECTRODE CONDUCTOR	EQUIPMENT SERVED	NOTES
TSP	45	RECEIVING B118	S-38	4 #1/0 + #6G - 2" C	#6	PANEL SP	1

TRANSFORMER GENERAL NOTES:
 A. TRANSFORMER SECONDARY TAP CONDUCTORS INDICATED REFLECT PHASE, NEUTRAL (IN WYE-CONFIGURATION), AND SUPPLY-SIDE BONDING JUMPER (SSBJ) IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE (NEC) ARTICLES 450, 240.21, AND 250.30.
 B. TRANSFORMER SHALL HAVE 480-VOLT, 3-PHASE, DELTA PRIMARY AND 120/208-VOLT, 3-PHASE, WYE SECONDARY.

TRANSFORMER SPECIFIC NOTES:
 1. PROVIDE ON 4" HIGH HOUSEKEEPING PAD.

LIGHTING FIXTURE SCHEDULE										
TYPE	DESCRIPTION	LAMP	MINIMUM LUMENS	WATTAGE	MANUFACTURER	CATALOG NO.	EQUALS MANUFACTURER	VOLT	MOUNTING	NOTES
Y	EMERGENCY BATTERY LIGHTING UNIT	LED	600 LM	11 W	LITHONIA	ELM4L	COOPER / SURE-LITES (SEL17 SERIES) LIGHTALARMS (CLUSTER SERIES) DUAL-LITE (LZ SERIES)	277	WALL 7'-6" AF	--

LIGHTING FIXTURE GENERAL NOTES:
 A. LISTED EQUALS: MANUFACTURERS FOUND TO OFFER PRODUCTS SIMILAR TO THE BASIS-OF-DESIGN PRODUCT, INCLUDING PERFORMANCE, APPEARANCE, AND QUALITY. LISTED EQUALS MUST COMPLY WITH MINIMUM PERFORMANCE CRITERIA LISTED. ADDITIONAL DOCUMENTATION AND CALCULATIONS DEMONSTRATING COMPLIANCE SHOULD BE MADE AVAILABLE UPON REQUEST.