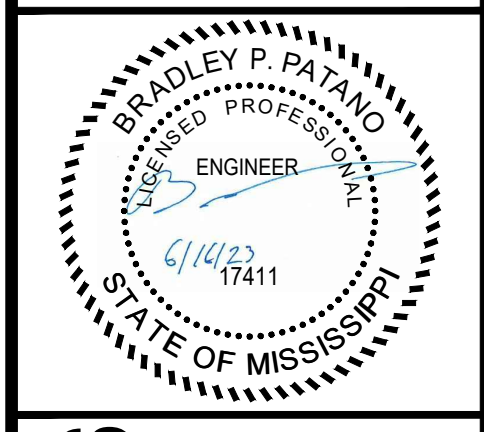


SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES

SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074



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918 Howard Ave Suite F
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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

SCALE:
PROJECT NO: 0303.23.001
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TITLE PAGE		
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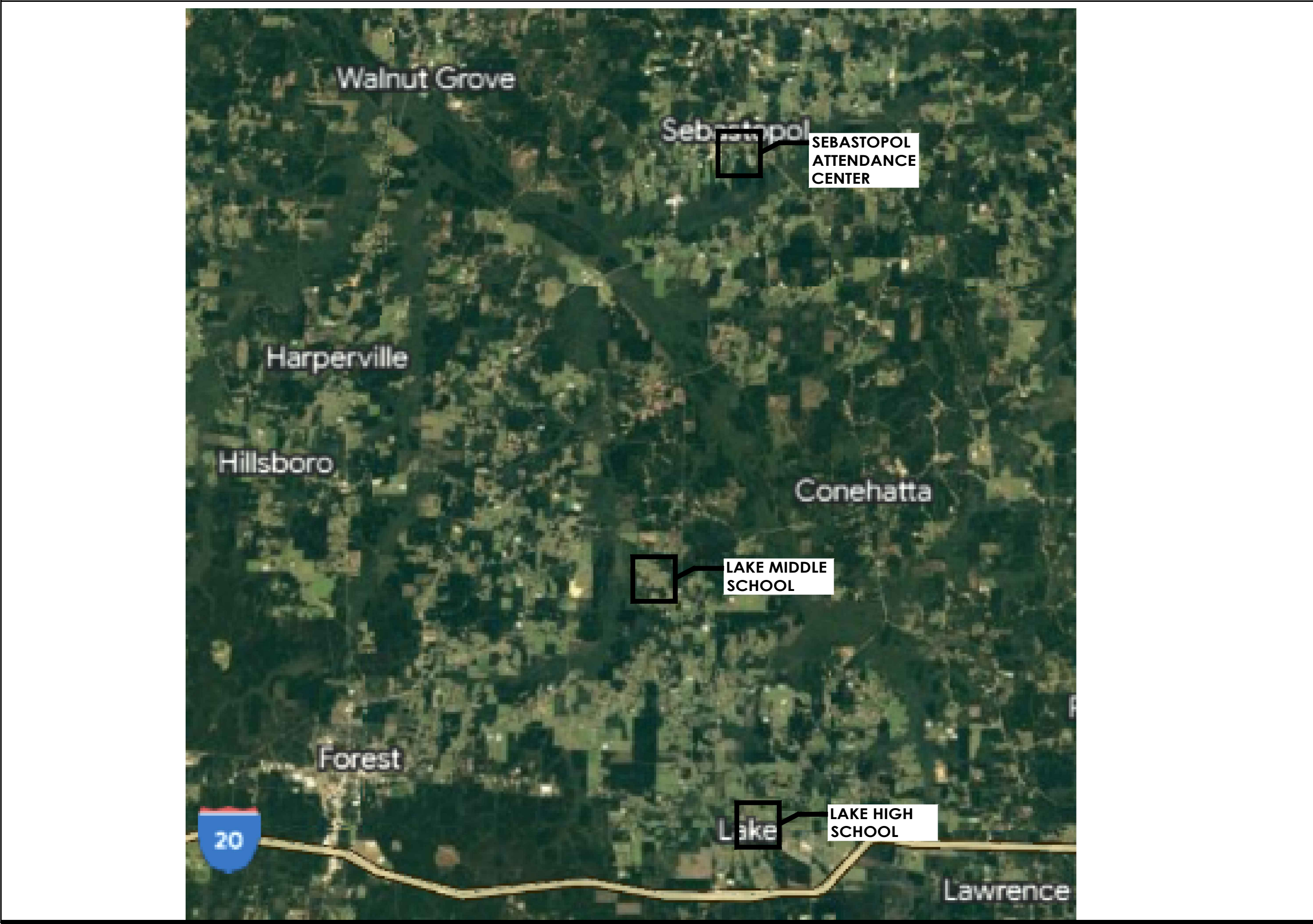
ABBREVIATIONS INDEX

Table with columns A, E (CONT), L, R (CONT) listing abbreviations and their meanings for various construction and electrical terms.

GENERAL GRAPHIC LEGEND

Table showing graphical symbols for room tags, section marks, elevation change, roof slope, and various materials like CMU, brick, and concrete.

VICINITY MAP



PROJECT INFORMATION

THIS PROJECT CONSISTS OF UPGRADES OF THE HVAC SYSTEM, ALONG WITH ALL ASSOCIATED MECHANICAL, ELECTRICAL, AND SITE IMPROVEMENTS AS CALLED FOR IN THE CONSTRUCTION DOCUMENTS.

SITE MAP



DRAWING SHEET NUMBERING AND TITLE INDEX

Table listing drawing sheet numbers (M001 to E810) and their corresponding titles and general information.

Design Group logo and contact information: 918 Howard Ave Suite F, Biloxi, Mississippi 39530.

Professional Engineer seal for Bradley P. Patano, State of Mississippi, License No. 17411.

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

GENERAL PROJECT INFORMATION table with fields for title, project number, date, and drafter.

Revision table with columns for revision number, date, and description.

Drawing title 'G101' and scale information: VERIFY SCALES, BAR IS ONE INCH ON ORIGINAL DRAWING.

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HVAC ABBREVIATIONS		HVAC ABBREVIATIONS	
A	AMPS	LBS	POUNDS
AC	AIR CONDITIONING		
AFF	ABOVE FINISHED FLOOR		
AHU	AIR HANDLING UNIT		
AL	ALUMINUM		
B		M	
BDD	BACKDRAFT DAMPER	MAX	MAXIMUM
BOD	BOTTOM OF DUCT	MBH	ONE THOUSAND BRITISH THERMAL UNITS PER HOUR
C		MC	MECHANICAL CONTRACTOR
CEF	CEILING EXHAUST FAN	MCA	MINIMUM CIRCUIT AMPACITY
CFH	CUBIC FEET PER HOUR	MD	MOTORIZED DAMPER
CFM	CUBIC FEET PER MINUTE	MIN	MINIMUM
CHW	CHILLED WATER	MOCP	MAXIMUM OVERCURRENT PROTECTION
CHWR	CHILLED WATER RETURN	N	
CHWS	CHILLED WATER SUPPLY	NC/PO	NORMALLY CLOSED/POWERED OPEN
CU	CONDENSING UNIT	NIC	NOT IN CONTRACT
CW	CONDENSER WATER	NIS	NEOPRENE IN SHEAR
CWS	CONDENSER WATER SUPPLY	NO/PC	NORMALLY OPEN/POWERED CLOSED
CWR	CONDENSER WATER RETURN	NTS	NOT TO SCALE
D		O	
DC	DIRECT CURRENT	OA	OUTDOOR AIR
E		OC	ON CENTER
E	EXISTING	P	
EA	EXHAUST AIR	PC	PLUMBING CONTRACTOR
EC	ELECTRICAL CONTRACTOR	PH	PHASE
EF	EXHAUST FAN	R	
ESP	EXTERNAL STATIC PRESSURE	RA	RETURN AIR
F		RFD	ROUND FIRE DAMPER
FC	FAN COIL	RGS	RIGID SEALED
FD	FIRE DAMPER	RIS	RUBBER IN SHEAR
FSD	COMBINATION FIRE/SMOKE DAMPER	RPM	REVOLUTIONS PER MINUTE
FT	FOOT/FEET	S	
G		SA	SUPPLY AIR
GA	GAUGE	SFD	SQUARE FIRE DAMPER
GC	GENERAL CONTRACTOR	SQFT	SQUARE FEET
GFM	GLASS FABRIC AND MASTIC	T	
H		TSP	TOTAL STATIC PRESSURE
HP	HORSEPOWER OR HEAT PUMP	TYP	TYPICAL
HW	HOT WATER	U	
HWR	HOT WATER RETURN	UC	UNDERCUT DOOR
HWS	HOT WATER SUPPLY	UL	UNDERWRITERS LABORATORIES
I		V	
IG	ION GENERATOR	V	VOLTAGE
K		VD	VOLUME DAMPER
KW	KILOWATT	VIF	VERIFY IN FIELD
		W	
		W	WATT
		WC	WATER COLUMN
		WOAC	WALL OPENING ABOVE CEILING

PLUMBING ABBREVIATIONS		PLUMBING ABBREVIATIONS	
A	AMPS		
AFF	ABOVE FINISHED FLOOR		
ASSE	AMERICAN SOCIETY OF SAFETY ENGINEERS		
C		M	
CFH	CUBIC FEET PER HOUR	MAX	MAXIMUM
CO	CLEAN OUT	MBH	ONE THOUSAND BRITISH THERMAL UNITS PER HOUR
CW	COLD WATER	MC	MECHANICAL CONTRACTOR
D		MCA	MINIMUM CIRCUIT AMPACITY
D	DRAIN	MDPE	MEDIUM DENSITY POLYETHYLENE
DCW	DOMESTIC COLD WATER	MIN	MINIMUM
DHW	DOMESTIC HOT WATER	MOCP	MAXIMUM OVERCURRENT PROTECTION
DR	DIMENSION RATIO	N	
E		NIC	NOT IN CONTRACT
EC	ELECTRICAL CONTRACTOR	NRS	NON RISING STEM
F		NTS	NOT TO SCALE
F	FAHRENHEIT	P	
FCO	FLOOR CLEAN OUT	PC	PLUMBING CONTRACTOR
FT	FOOT/FEET	PH	PHASE
G		PRV	PRESSURE REDUCING VALVE
G	GAS	PSIA	POUNDS PER SQUARE INCH ATMOSPHERE
GAL	GALLONS	PSIG	POUNDS PER SQUARE INCH GAUGE
GC	GENERAL CONTRACTOR	PSI	POUNDS PER SQUARE INCH
GCO	GRADE CLEAN OUT	R	
H		RPM	REVOLUTIONS PER MINUTE
HB	HOSE BIB	RPZ	REDUCED PRESSURE ZONE
HDPE	HIGH DENSITY POLYETHYLENE	S	
HP	HORSEPOWER	S	SANITARY
HW	HOT WATER	SOFT	SQUARE FEET
HWR	HOT WATER RETURN	T	
HWS	HOT WATER SUPPLY	TW	TEMPERED WATER
K		T&P	TEMPERATURE AND PRESSURE
KW	KILOWATT	TYP	TYPICAL
L		U	
LBS	POUNDS	UV	ULTRA VIOLET
LNG	LIQUEFIED NATURAL GAS	V	
LP	LIQUEFIED PETROLEUM (PROPANE OR BUTANE)	V	VOLTAGE OR VENT
LPG	LIQUEFIED PETROLEUM GAS (PROPANE OR BUTANE)	VTR	VENT TO ROOF
		W	
		W	WATT
		WCO	WALL CLEAN OUT
		WH	WATER HEATER

HVAC SYMBOLS	
	SQUARE/RECTANGULAR SUPPLY DOWN
	SQUARE/RECTANGULAR SUPPLY UP
	ROUND SUPPLY DOWN
	ROUND SUPPLY UP
	SQUARE/RECTANGULAR RETURN DOWN
	SQUARE/RECTANGULAR RETURN UP
	ROUND RETURN DOWN
	ROUND RETURN UP
	SQUARE/RECTANGULAR EXHAUST DOWN
	SQUARE/RECTANGULAR EXHAUST UP
	ROUND EXHAUST DOWN
	ROUND EXHAUST UP
	SQUARE/RECTANGULAR ELBOW
	SQUARE/RECTANGULAR ELBOW WITH TURNING VANES
	ROUND MAIN WITH CONICAL TAKEOFF
	ROUND MAIN WITH CONICAL TEE
	SQUARE/RECTANGULAR MAIN WITH CONICAL TEE
	ROUND MAIN WITH 45° LATERAL WYE
	SQUARE/RECTANGULAR MAIN WITH 45° LEAD IN TAKEOFF
	ROUND ELBOW
	EXISTING DUCT TO BE REMOVED
	EXISTING DUCT TO REMAIN
	NEW DUCT
	FLEXIBLE DUCT
	MANUAL VOLUME DAMPER
	INTERNALLY INSULATED DUCT
	SQUARE/RECTANGULAR TO ROUND TRANSITION
	CONCENTRIC TRANSITION
	ECCENTRIC TRANSITION
	ROUND NECK CEILING AIR TERMINAL
	SQUARE/RECTANGULAR NECK CEILING AIR TERMINAL
	TRANSFER AIR PATH
	TIMECLOCK
	THERMOSTAT
	TEMPERATURE SENSOR
	HUMIDITY SENSOR
	DUCT SMOKE DETECTOR
	CONNECT TO EXISTING
	SWITCH
	MOTORIZED DAMPER
	FIRE DAMPER
	COMBINATION FIRE/SMOKE DAMPER
	SMOKE DAMPER
	BACKDRAFT DAMPER
	CAP AND SEAL
	FLEXIBLE CONNECTION

PLUMBING SYMBOLS	
	COLD WATER
	EXISTING COLD WATER
	HOT WATER
	EXISTING HOT WATER
	HOT WATER RETURN
	EXISTING HOT WATER RETURN
	SANITARY
	EXISTING SANITARY
	VENT
	EXISTING VENT
	GAS
	EXISTING GAS
	FIRE PROTECTION
	EXISTING FIRE PROTECTION
	EXISTING TO BE REMOVED
	LEVER BALL VALVE
	HOSE BIB
	CONNECT TO EXISTING
	CAP AND SEAL

MECHANICAL DEMOLITION NOTES	
1.	PLANS DO NOT ATTEMPT TO SHOW ALL DEMOLITION ITEMS. SOME HVAC EQUIPMENT, PACKAGED UNITS, SPLIT SYSTEMS, DUCTWORK, COMPRESSORS, FANS, PUMPS, LOUVERS, BOILERS, GRILLES, VALVES, PIPES, VENTS, ETC. ARE SHOWN FOR INFORMATION PURPOSES AND GENERAL LAYOUT IN THESE AREAS TO BE RENOVATED. HOWEVER, THE ITEMS SHOWN ARE NOT NECESSARILY COMPLETE. MECHANICAL CONTRACTOR (M.C.) TO FIELD VERIFY ALL DEMOLITION ITEMS AND PROVIDE REMOVAL OF ALL EQUIPMENT AND SYSTEMS ACCORDINGLY. SEE RELATED NOTES ON MAINTAINING SERVICE TO NON-DEMOLITION AREAS.
2.	DAMAGE TO EXISTING MATERIALS/EQUIPMENT WILL BE REPAIRED AT NO ADDITIONAL COST TO OWNER. RE-SUPPORT ANY REMAINING PIPES OR DUCTS THAT WERE SUPPORTED BY WALLS/MILLWORK BEING REMOVED.
3.	ALL WORK SHALL BE DONE IN TOTAL COORDINATION WITH THE BUILDING MECHANICAL MAINTENANCE STAFF TO AVOID ANY INTERRUPTION TO EXISTING SERVICES IN USE.
4.	ALL OPENINGS IN FIRE RATED PARTITIONS AND CEILINGS SHALL BE FIRE SEALED.

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE:
 PROJECT NO: 0303.23.001
 DRAWN BY: MAB
 CHECKED BY: JMV

MECHANICAL SYMBOLS, ABBREVIATIONS AND NOTES

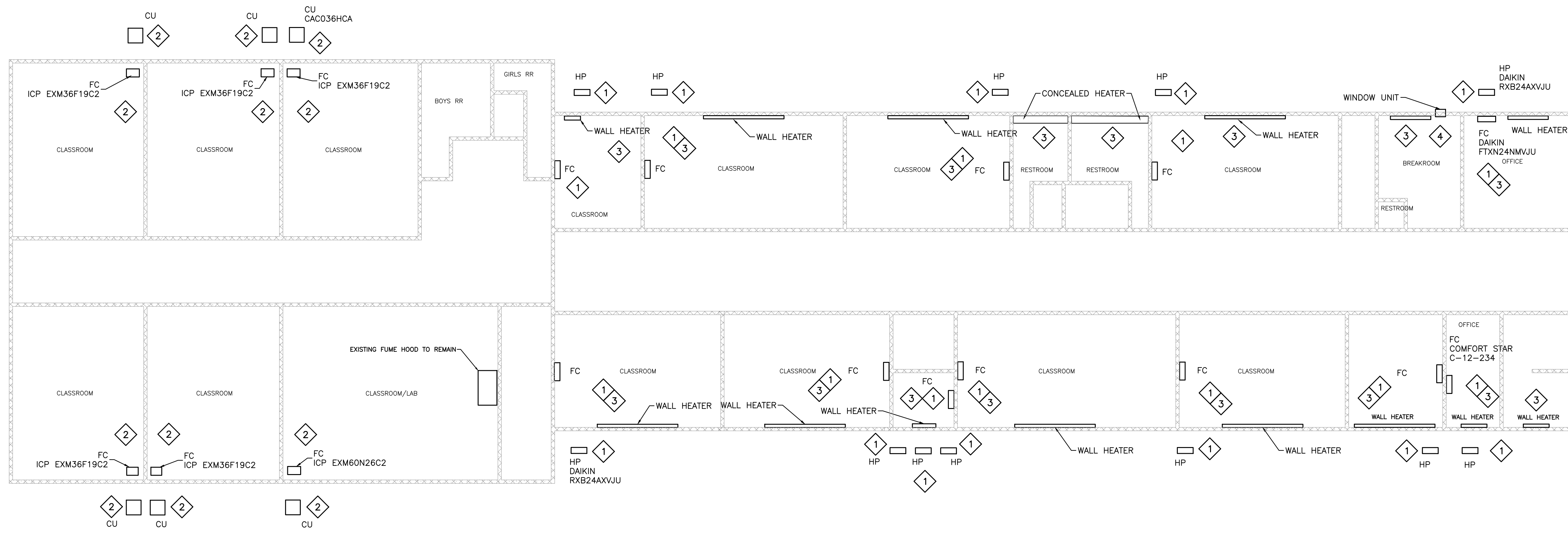
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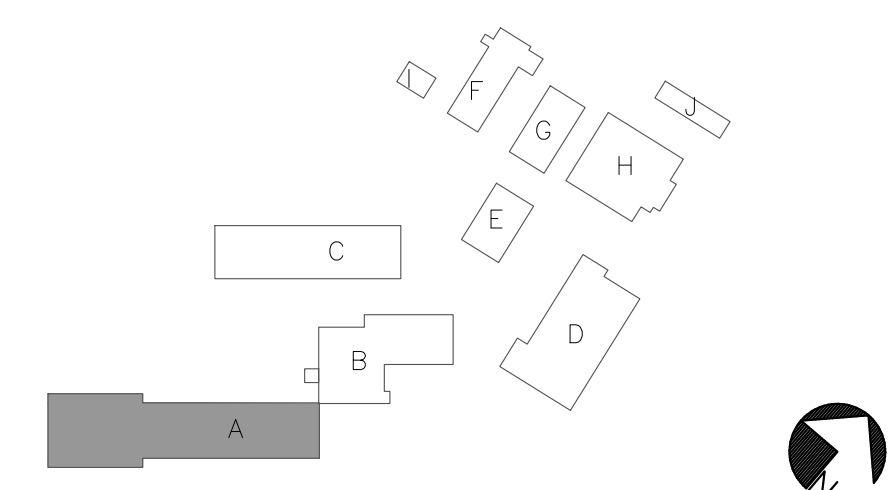
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1 MECHANICAL DEMO PLAN
SCALE: 3/32"=1'-0"



KEY PLAN

MECHANICAL DEMOLITION KEY NOTES	
1	CONTRACTOR SHALL REMOVE FAN COIL, HEATPUMP/CONDENSER AND REFRIGERANT LINES WITH CARE. COORDINATE WITH OWNER FOR SALVAGE. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT SYSTEM AC UNIT.
2	CONTRACTOR SHALL REMOVE FAN COIL, FURNACE, CONDENSER AND REFRIGERANT LINES WITH CARE. COORDINATE WITH OWNER FOR SALVAGE. PRESERVE DUCTWORK FOR NEW EQUIPMENT CONNECTION. CAP AND SEAL THE NATURAL GAS PIPING. CAP AND SEAL THE FURNACE VENT AT THE ROOF. PROVIDE TEMPORARY FIRM TO PROTECT DUCT OPENINGS. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT AC SYSTEM.
3	CONTRACTOR SHALL REMOVE WALL HEATER. REMOVE EXPOSED HEATER PIPING BACK TO MAINS. CAP AND SEAL. PATCH AND FILL WALLS TO MATCH EXISTING.
4	CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW 1/4" GLAZING. MATCH REPAIRED FRAME TO EXISTING.

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06.16.2023

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

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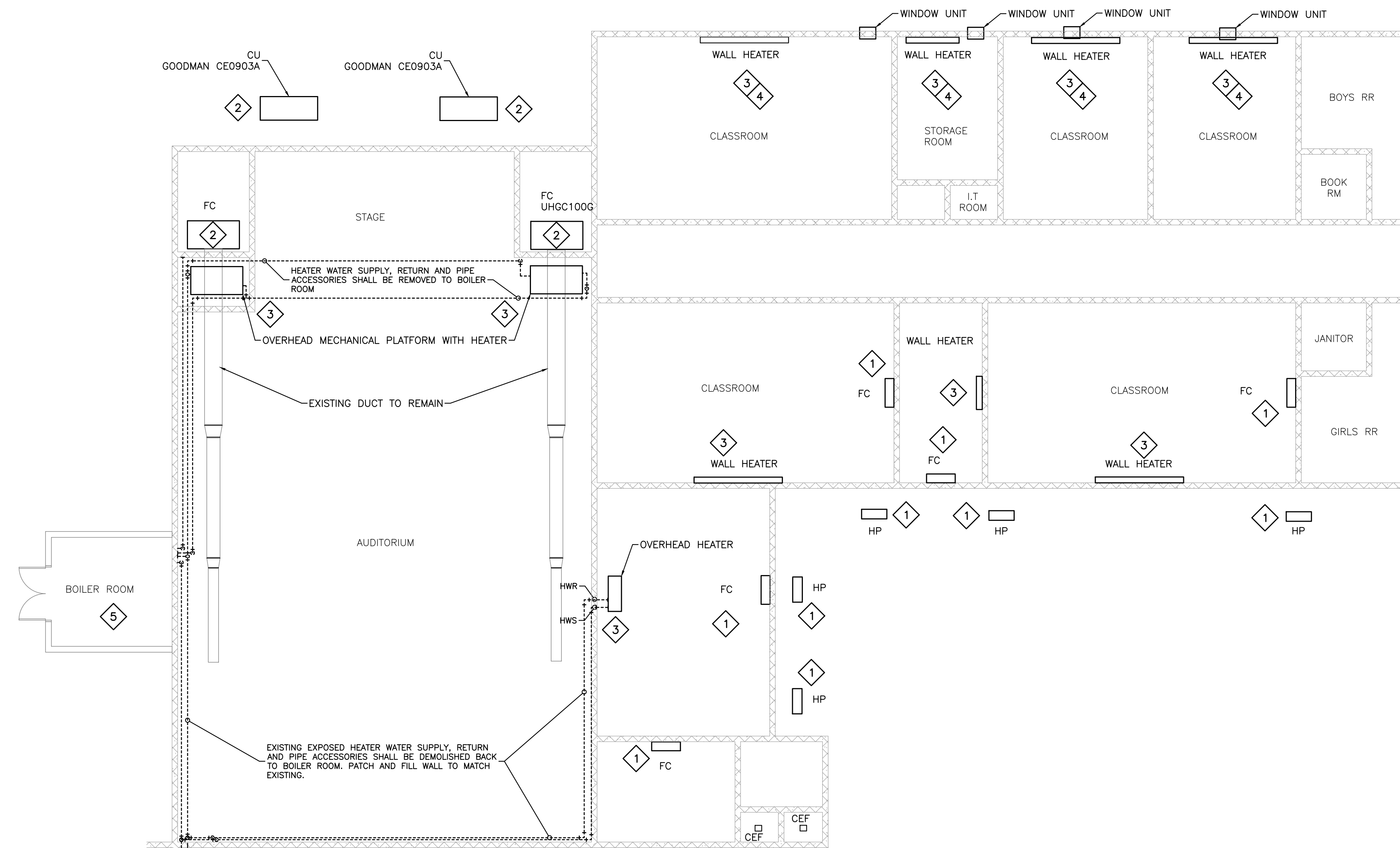
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MECHANICAL DEMO PLAN

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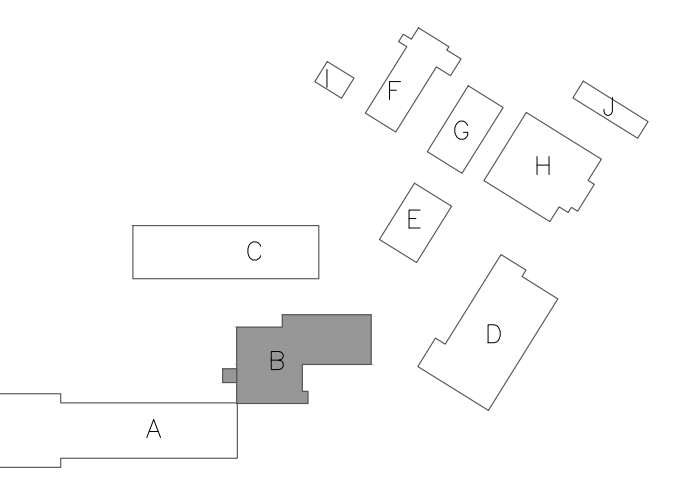
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1 MECHANICAL DEMO PLAN
SCALE: 1/8"=1'-0"



KEY PLAN

- MECHANICAL DEMOLITION KEY NOTES**
- 1** CONTRACTOR SHALL REMOVE FAN COIL, HEATPUMP/CONDENSER AND REFRIGERANT LINES WITH CARE. COORDINATE WITH OWNER FOR SALVAGE. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT AC SYSTEM.
 - 2** CONTRACTOR SHALL REMOVE FAN COIL, HEATPUMP/CONDENSER AND REFRIGERANT LINES. PRESERVE DUCTWORK FOR NEW EQUIPMENT CONNECTION. PROVIDE TEMPORARY FILM TO PROTECT DUCT OPENINGS. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT AC SYSTEM.
 - 3** CONTRACTOR SHALL REMOVE HEATER. REMOVE EXPOSED HEATER PIPING BACK TO MAINS, CAP AND SEAL. PATCH AND FILL WALLS TO MATCH EXISTING.
 - 4** CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW 1/4" GLAZING. MATCH REPAIRED FRAME TO EXISTING.
 - 5** CONTRACTOR SHALL REMOVE BOILER, PUMPS, TANKS, PIPES, VALVES, VENTS AND ACCESSORIES IN ITS ENTIRETY WITH CARE. REMOVE HOUSEKEEPING PADS; CAP AND SEAL WATER SUPPLY AND GAS SUPPLY AT BUILDING ENTRANCE. PATCH AND FILL FLOORS, WALLS AND ROOF TO MATCH EXISTING. COORDINATE WITH OWNER FOR SALVAGE.

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STATE OF MISSISSIPPI
REGISTERED PROFESSIONAL ENGINEER
No. 11204
1992
06.16.2023

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SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

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PROJECT NO: 030323001
DRAWN BY: MAB
CHECKED BY: JMV

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MECHANICAL DEMO PLAN

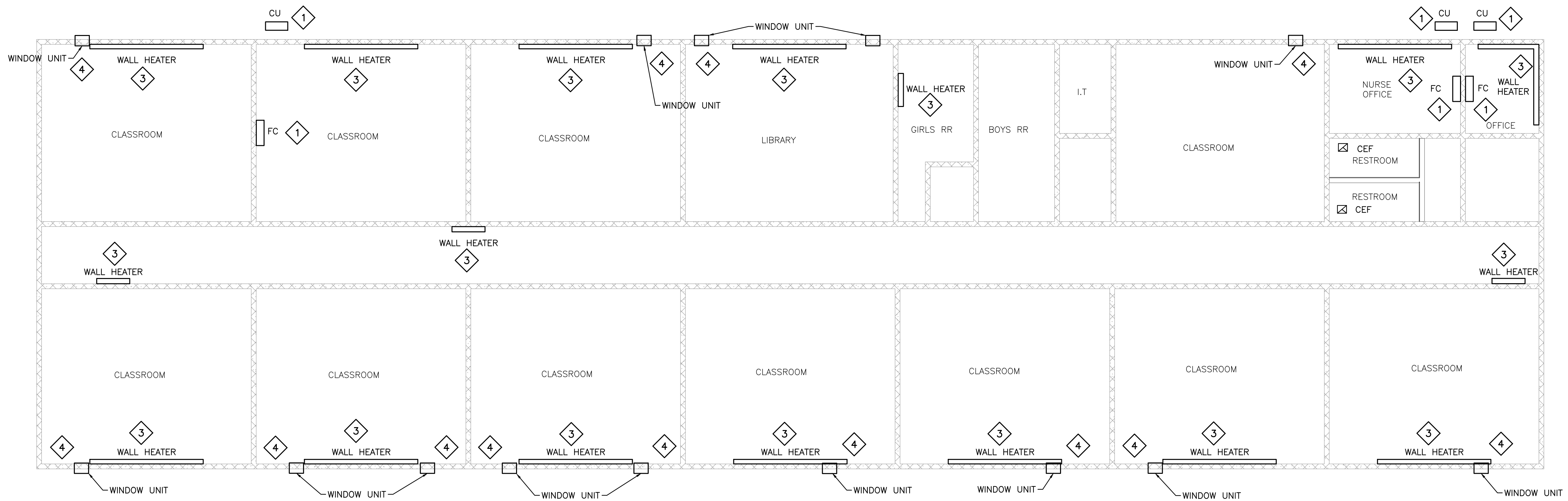
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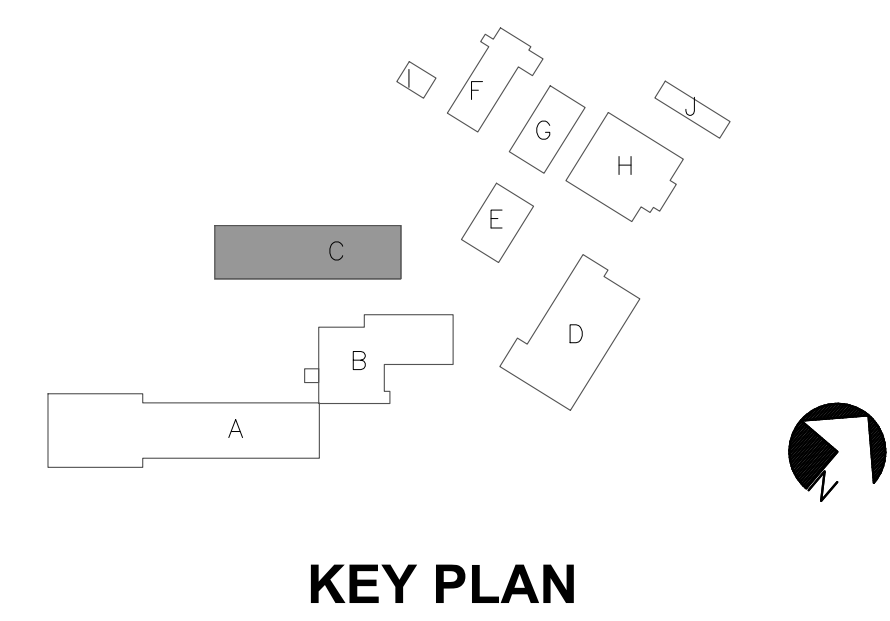
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1 MECHANICAL DEMO PLAN
SCALE: 1/8"=1'-0"



MECHANICAL DEMOLITION KEY NOTES	
1	CONTRACTOR SHALL REMOVE FAN COIL, HEATPUMP/CONDENSER AND REFRIGERANT LINES WITH CARE. COORDINATE WITH OWNER FOR SALVAGE. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT SYSTEM AC UNITS.
2	CONTRACTOR SHALL REMOVE FAN COIL, FURNACE, CONDENSER AND REFRIGERANT LINES WITH CARE. COORDINATE WITH OWNER FOR SALVAGE. PRESERVE DUCTWORK CONNECTIONS FOR NEW EQUIPMENT CONNECTION. CAP AND SEAL THE NATURAL GAS PIPING. CAP AND SEAL THE FURNACE VENT AT THE ROOF. PROVIDE TEMPORARY FILM TO PROTECT DUCT OPENINGS. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT AC SYSTEM.
3	CONTRACTOR SHALL REMOVE WALL HEATER. REMOVE EXPOSED HEATER PIPING BACK TO MAINS, CAP AND SEAL. PATCH AND FILL WALLS TO MATCH EXISTING.
4	CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW 1/4" GLAZING. MATCH REPAIRED FRAME TO EXISTING.

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SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

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MECHANICAL DEMO PLAN

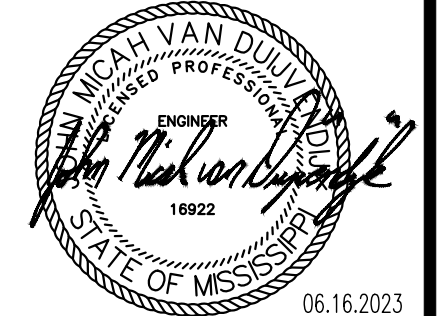
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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
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MECHANICAL DEMO PLAN

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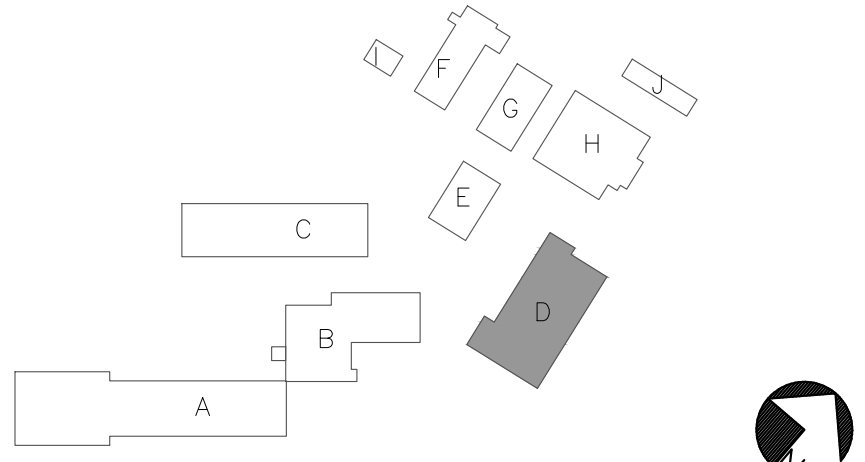
MECHANICAL NOTE
 PRIOR TO DEMOLITION, CONTRACTOR SHALL VERIFY IN FIELD AS TO WHICH CONDENSING UNIT GOES WITH EACH FAN COIL. THE CONDENSING UNITS SHALL BE REPLACED AS INDICATED ON M104, M601, AND M602. THE NEW MATCHED FAN COIL SHALL REPLACE THE EXISTING FAN COIL/AIR HANDLER AND SERVE THE SAME AREA AS THE EXISTING. DOCUMENT ON AS-BUILTS.

MECHANICAL DEMOLITION KEY NOTES

- 1 CONTRACTOR SHALL REMOVE FAN COIL, AND REFRIGERANT LINES. REMOVE HEATING PIPING, VALVES AND ACCESSORIES BACK TO BOILER ROOM. REMOVE CEILING AS NECESSARY. PRESERVE DUCTWORK FOR NEW EQUIPMENT CONNECTION. PROVIDE TEMPORARY FILM TO PROTECT OPENINGS. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT SYSTEMS.
- 2 CONTRACTOR SHALL REMOVE CONDENSING UNIT, AND REFRIGERANT LINE. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT SYSTEMS. PRESERVE CONCRETE PAD FOR NEW EQUIPMENT AND EXTEND AS NECESSARY FOR NEW EQUIPMENT.
- 3 CONTRACTOR SHALL REMOVE ENERGY RECOVERY VENTILATION UNIT. PRESERVE DUCTWORK FOR NEW EQUIPMENT CONNECTION.
- 4 CONTRACTOR SHALL REMOVE BOILER SYSTEM IN ITS ENTIRETY, INCLUDING BOILER, TANKS, VALVES, PIPING AND ACCESSORIES. CAP AND SEAL VENT BELOW WATER HEATER AND FURNACE VENT INTERCHANGE. CAP AND SEAL GAS SUPPLY LINE.
- 5 WATER HEATER AND UNIT HEATER TO REMAIN

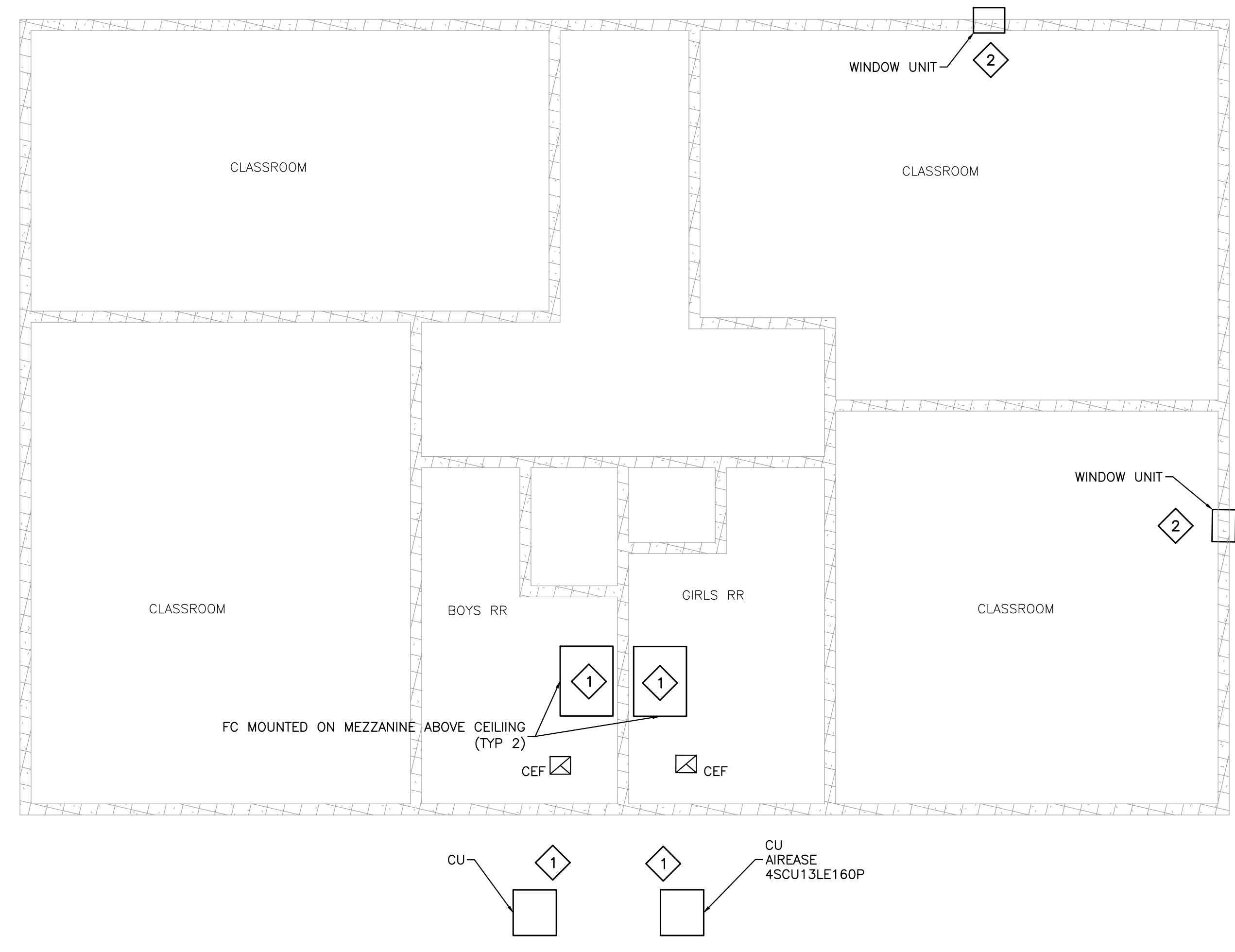


1 MECHANICAL DEMO PLAN
 SCALE: 1/8"=1'-0"

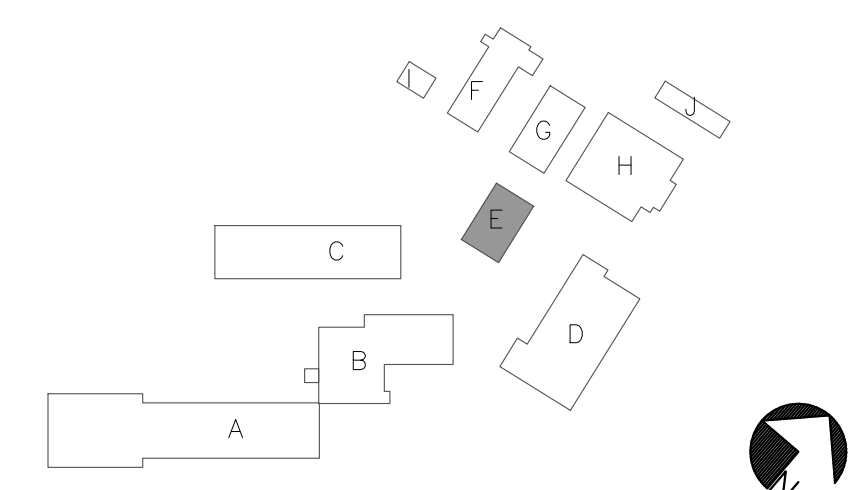


KEY PLAN

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1 MECHANICAL DEMO PLAN
SCALE: 3/16"=1'-0"



KEY PLAN

MECHANICAL DEMOLITION KEY NOTES	
1	CONTRACTOR SHALL REMOVE FAN COIL, FURNACE, CONDENSER AND REFRIGERANT LINES. PRESERVE EXISTING DUCTWORK CONNECTIONS FOR NEW EQUIPMENT CONNECTION. CAP AND SEAL THE NATURAL GAS PIPING. CAP AND SEAL THE FURNACE VENT AT THE ROOF. PROVIDE TEMPORARY FIRM TO PROTECT DUCT OPENINGS. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT AC SYSTEM.
2	CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW 1/4" GLAZING. MATCH REPAIRED FRAME TO EXISTING.

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06.16.2023

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

SCALE: AS INDICATED
PROJECT NO: 0303.23.001
DRAWN BY: MAB
CHECKED BY: JMV

SEBASTOPOL ATTENDANCE CENTER - BLDG E
MECHANICAL DEMO PLAN

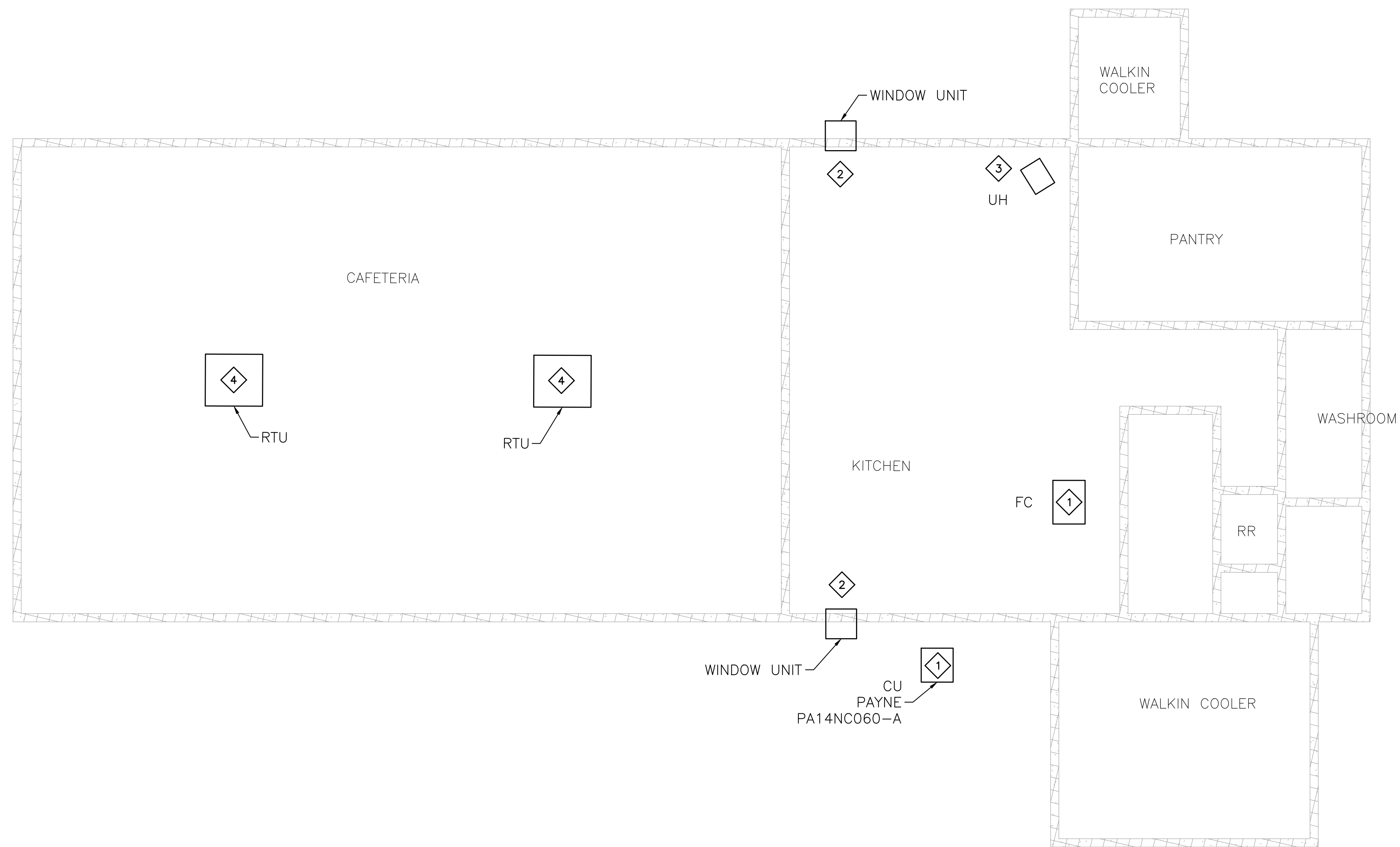
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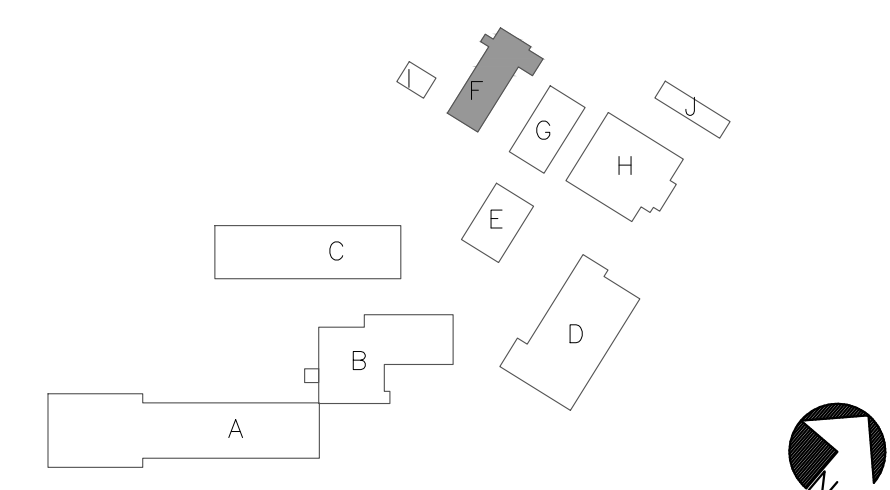
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1 MECHANICAL DEMO PLAN
 SCALE: 1/8"=1'-0"



KEY PLAN

- MECHANICAL DEMOLITION KEY NOTES**
- 1 CONTRACTOR SHALL REMOVE FAN COIL, FURNACE, CONDENSER AND REFRIGERANT LINES. PRESERVE DUCTWORK FOR NEW EQUIPMENT CONNECTIONS. PROVIDE FILM TO PROTECT DUCT OPENINGS. REMOVE EXPOSED NATURAL GAS PIPE, VALVE AND ACCESSORIES. CAP AND SEAL AT MAIN. CAP AND SEAL VENT AT ROOF. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT AC SYSTEM.
 - 2 CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW 1/4" GLAZING. MATCH REPAIRED FRAME TO EXISTING.
 - 3 CONTRACTOR SHALL REMOVE UNIT HEATER. REMOVE NATURAL GAS PIPING, CAP AND SEAL AT MAIN. CAP AND SEAL VENT AT ROOF.
 - 4 CONTRACTOR SHALL REMOVE EXISTING ROOFTOP PACKAGED AC UNIT. PRESERVE DUCTWORK, CURBS, AND NATURAL GAS CONNECTIONS FOR NEW EQUIPMENT CONNECTION. PROVIDE TEMPORARY FILM TO PROTECT DUCT OPENINGS.

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

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 MECHANICAL DEMO PLAN

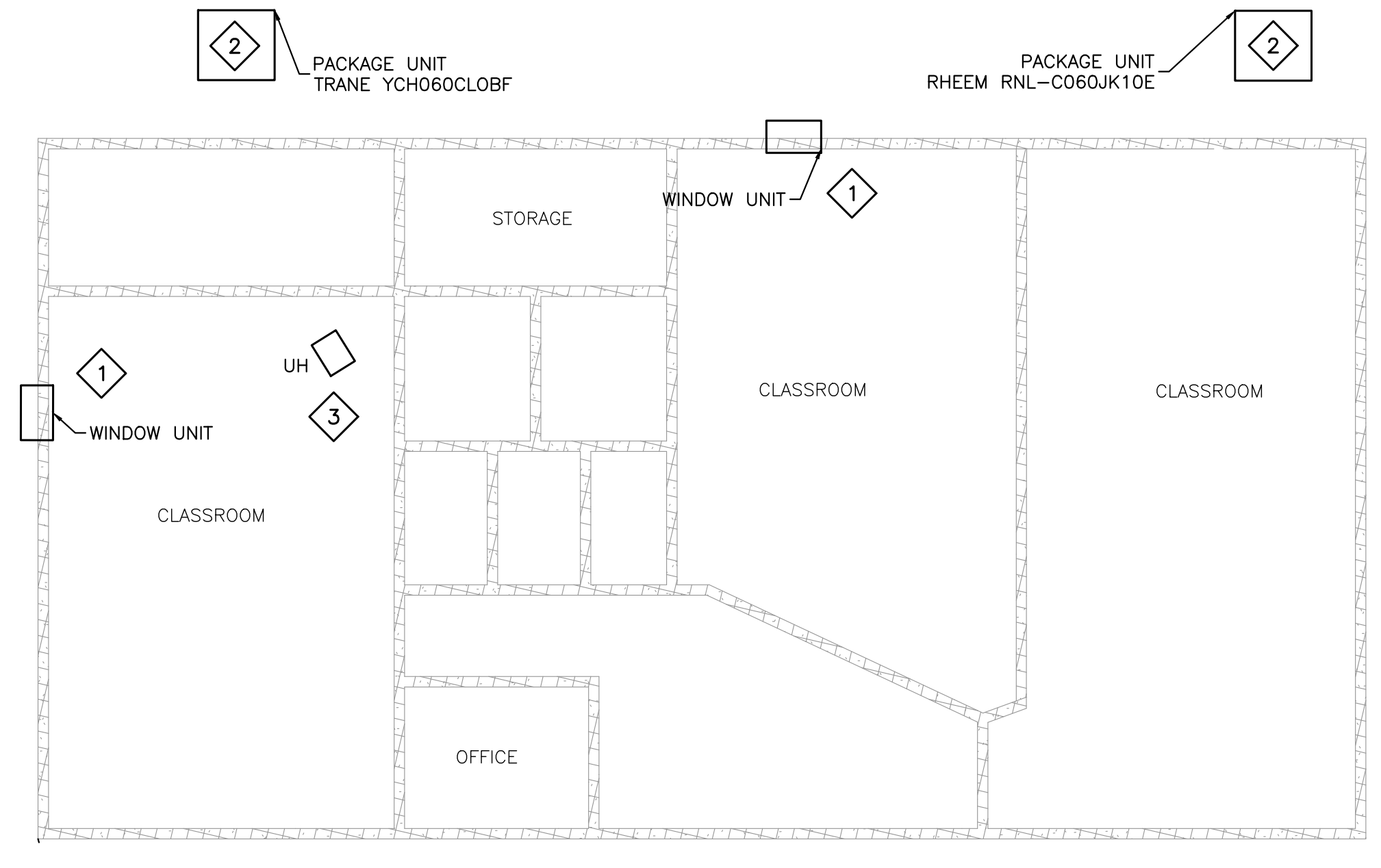
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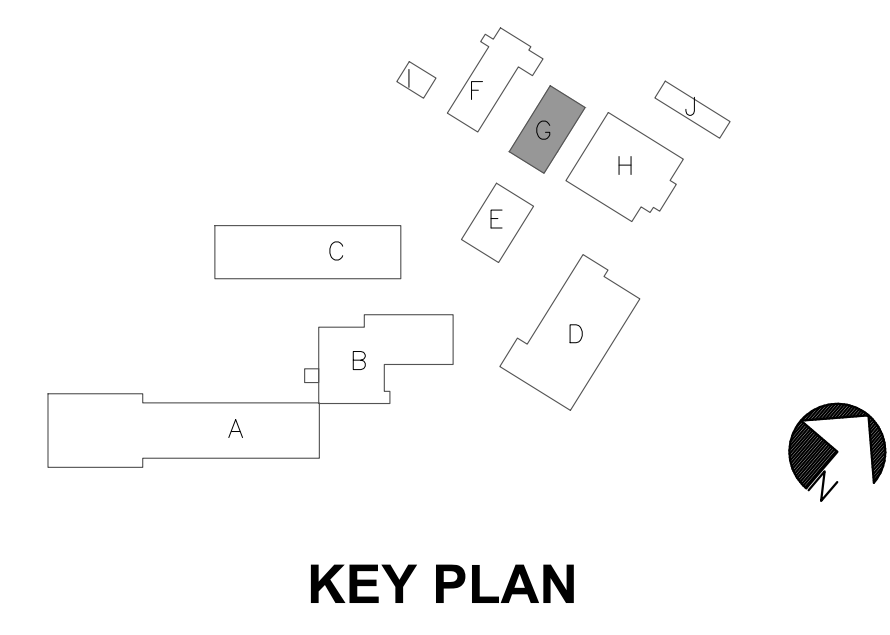
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1 MECHANICAL DEMO PLAN
 SCALE: 1/8"=1'-0"



KEY PLAN

MECHANICAL DEMOLITION KEY NOTES	
1	CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW SAFETY GLAZING. MATCH REPAIRED FRAME TO EXISTING.
2	CONTRACTOR SHALL REMOVE EXISTING PACKAGED AC UNIT. PRESERVE EXISTING ELECTRICAL, DUCTWORK AND NATURAL GAS CONNECTIONS FOR NEW EQUIPMENT CONNECTION. PROVIDE TEMPORARY FILM TO PROTECT DUCT OPENINGS.
3	CONTRACTOR SHALL REMOVE UNIT HEATER. REMOVE NATURAL GAS PIPING TO MAIN. CAP AND SEAL. CAP AND SEAL VENT AT ROOF.

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 Bradford A. Jones, AIA
 Fernando A. Silva, AIA

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: AS INDICATED
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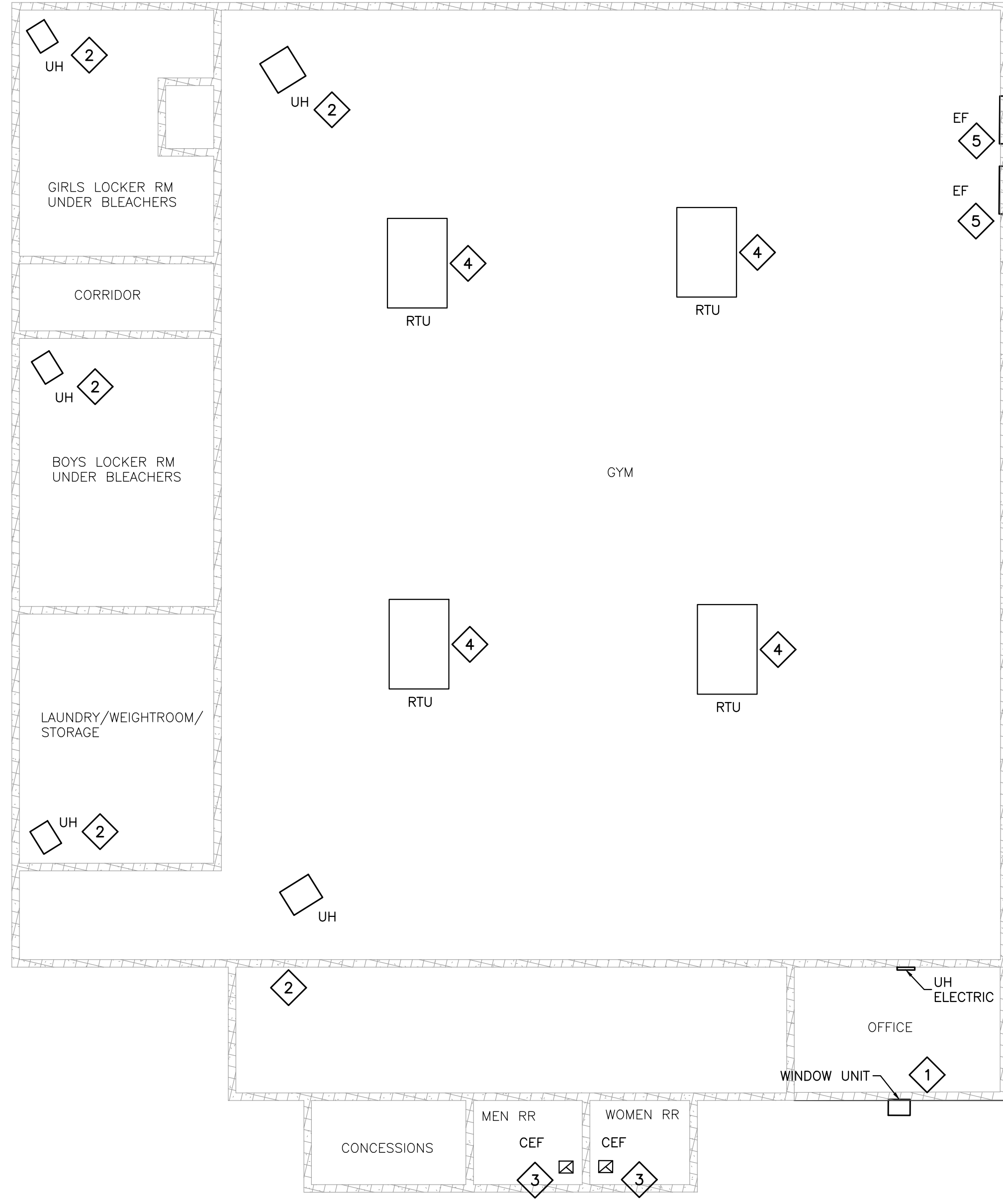
SEBASTOPOL ATTENDANCE CENTER - BLDG G
 MECHANICAL DEMO PLAN

MD107

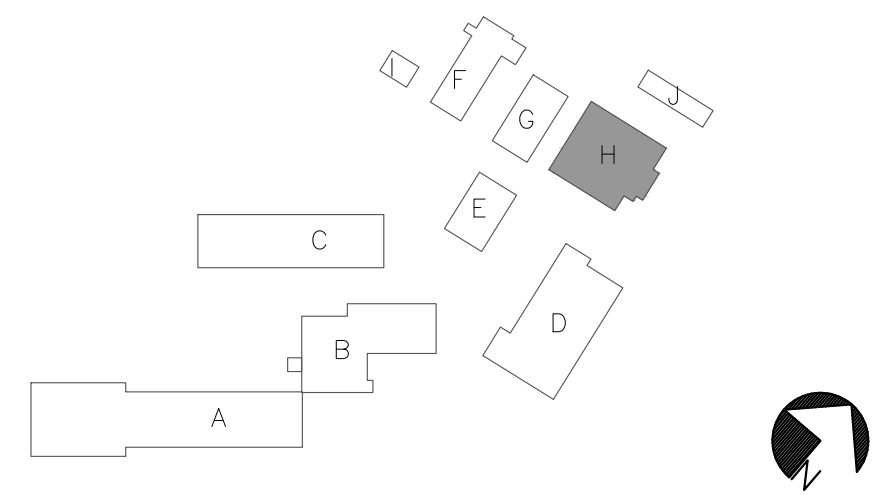
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1 MECHANICAL DEMO PLAN
SCALE: 1/8"=1'-0"

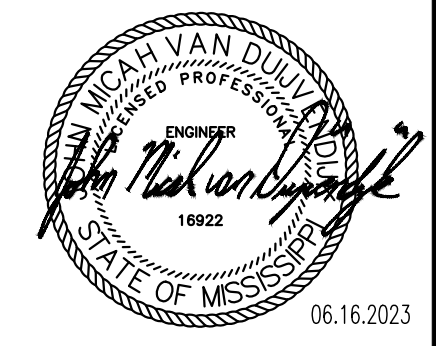


KEY PLAN

MECHANICAL DEMOLITION KEY NOTES	
1	CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW SAFETY GLAZING. MATCH REPAIRED FRAME TO EXISTING
2	CONTRACTOR SHALL REMOVE EXISTING GAS HEATER. PRESERVE NATURAL GAS CONNECTIONS FOR NEW EQUIPMENT CONNECTION. CAP AND SEAL VENT AT ROOF.
3	CEILING EXHAUST FAN TO REMAIN
4	CONTRACTOR SHALL REMOVE EXISTING PACKAGED AC UNIT. PRESERVE ELECTRICAL, DUCTWORK, CURB, NATURAL GAS AND ACCESSORIES FOR NEW UNIT CONNECTION. PROVIDE TEMPORARY FILM TO PROTECT DUCT OPENINGS.
5	CONTRACTOR SHALL REMOVE EXHAUST FAN. PATCH AND FILL WALL TO MATCH EXISTING.

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Fernando A. Silva, AIA



SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

SCALE: AS INDICATED
PROJECT NO: 0303.23.001
DRAWN BY: MAB
CHECKED BY: JMV

SEBASTOPOL ATTENDANCE CENTER - BLDG H
MECHANICAL DEMO PLAN

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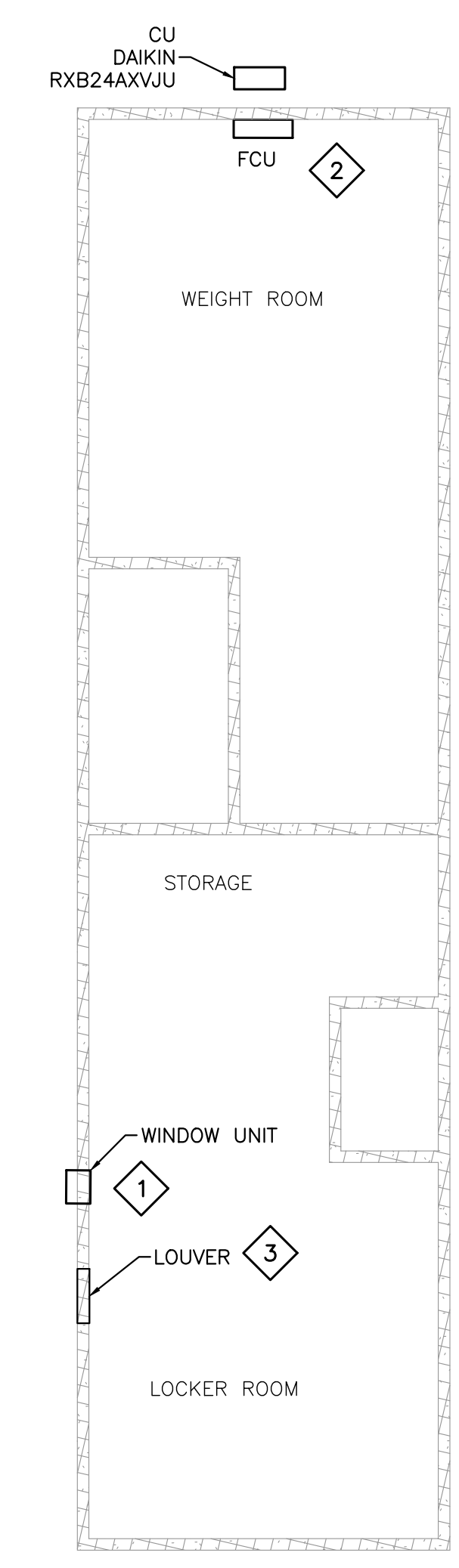
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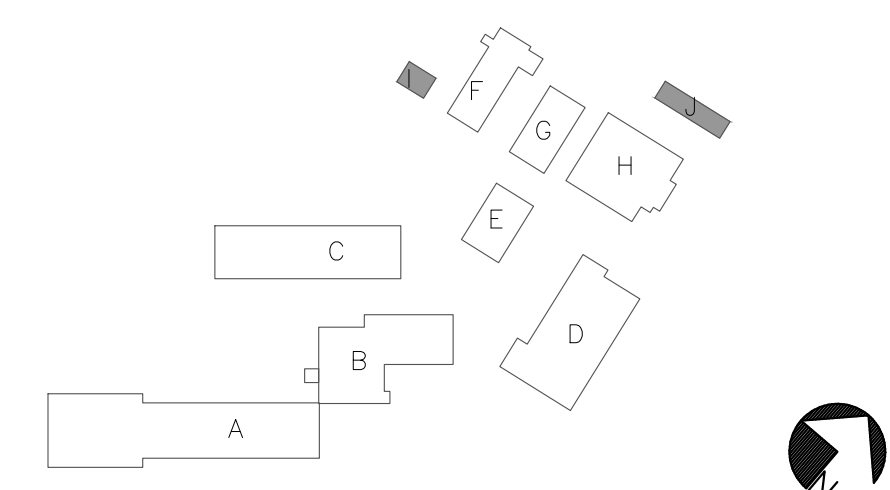
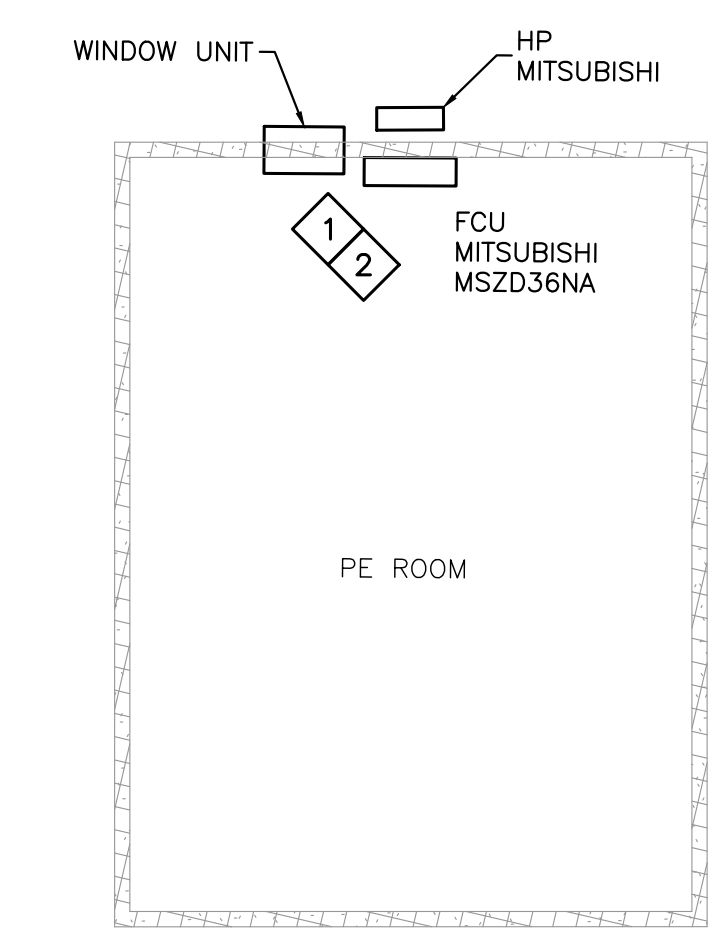
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1 MECHANICAL DEMO PLAN - BLDG J
 SCALE: 1/8"=1'-0"



2 MECHANICAL DEMO PLAN - BLDG I
 SCALE: 1/8"=1'-0"



MECHANICAL DEMOLITION KEY NOTES

- 1 CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR WALL AS NECESSARY TO MATCH EXISTING.
- 2 CONTRACTOR SHALL REMOVE FAN COIL, HEATPUMP/CONDENSER AND REFRIGERANT LINES WITH CARE. COORDINATE WITH OWNER FOR SALVAGE. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT SYSTEM AC UNIT.
- 3 CONTRACTOR SHALL REMOVE LOUVER, PATCH AND SEAL WALL TO MATCH EXISTING.

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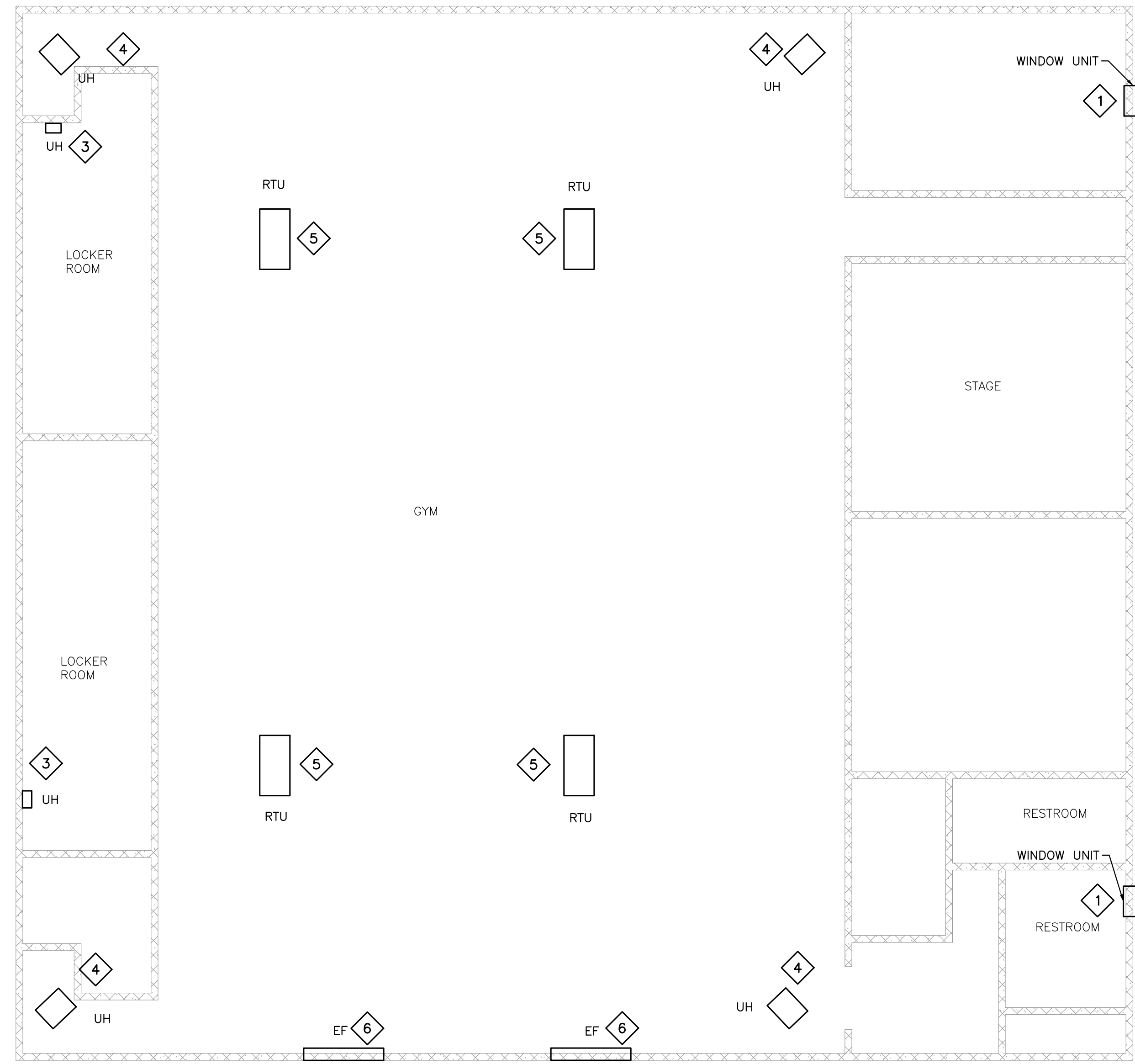
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MECHANICAL DEMO PLAN

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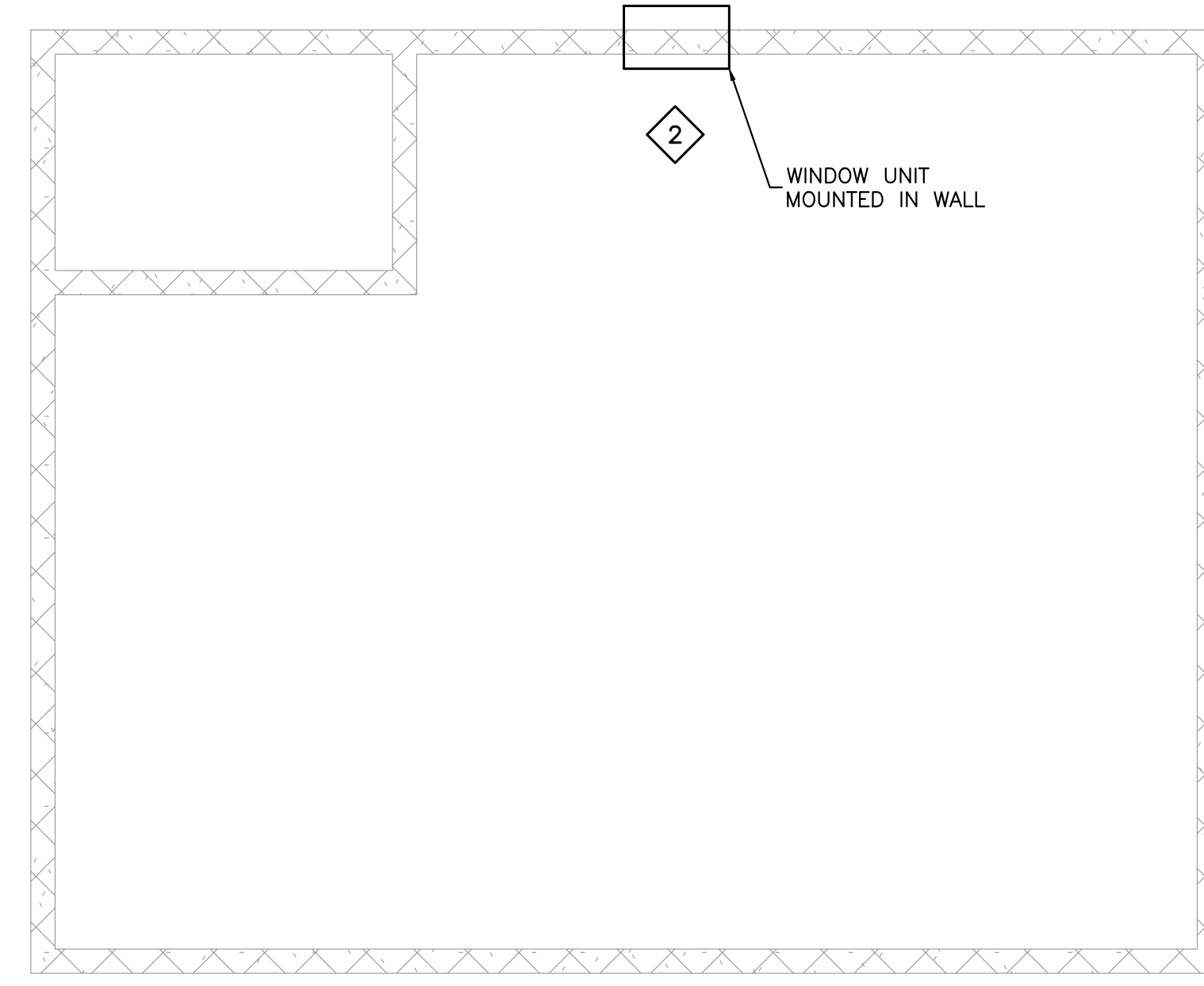
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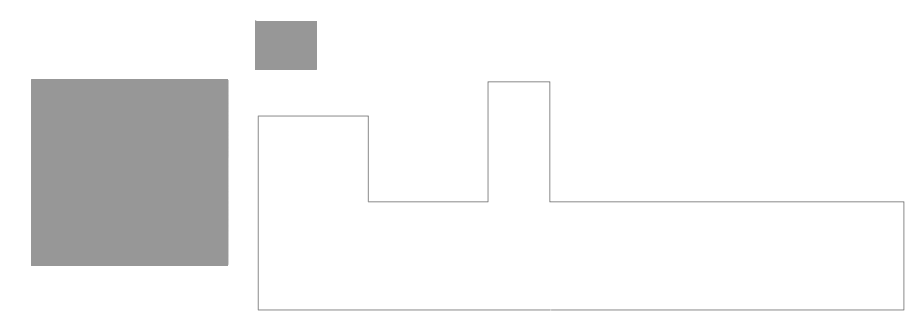
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1 MECHANICAL DEMO PLAN - GYM (ALTERNATE 1)
 SCALE: 1/8"=1'-0"



2 MECHANICAL DEMO PLAN - CLASSROOM
 SCALE: 1/4"=1'-0"



KEY PLAN

MECHANICAL DEMOLITION KEY NOTES	
1	CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW 1/4" GLAZING. MATCH REPAIRED FRAME TO EXISTING.
2	CONTRACTOR SHALL REMOVE WINDOW UNIT. PATCH AND FILL WALL TO MATCH EXISTING.
3	CONTRACTOR SHALL REMOVE EXISTING UNIT HEATER, GAS PIPING, VALVES, VENTS AND ACCESSORIES. CAP AND SEAL GAS PIPE AT MAIN. PATCH AND FILL WALL AT VENT PENETRATIONS.
4	CONTRACTOR SHALL REMOVE EXISTING UNIT HEATER, GAS PIPING, VENT, VENT CAP AND ACCESSORIES. CAP AND SEAL GAS PIPING AT MAIN. PATCH ROOF AT VENT PENETRATIONS.
5	CONTRACTOR SHALL REMOVE EXISTING PACKAGED AC UNIT. PRESERVE DUCTWORK, GAS PIPING, CURB, AND ACCESSORIES FOR NEW UNIT CONNECTION. PROVIDE TEMPORARY FILM TO PROTECT DUCT OPENINGS AND TEMPORARY CAPS TO GAS PIPING.
6	CONTRACTOR SHALL REMOVE EXISTING EXHAUST FAN. PATCH AND FILL WALL TO MATCH EXISTING.

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 David J. Machado
 18922
 06.16.2023

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

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LAKE MIDDLE SCHOOL MECHANICAL DEMO PLAN

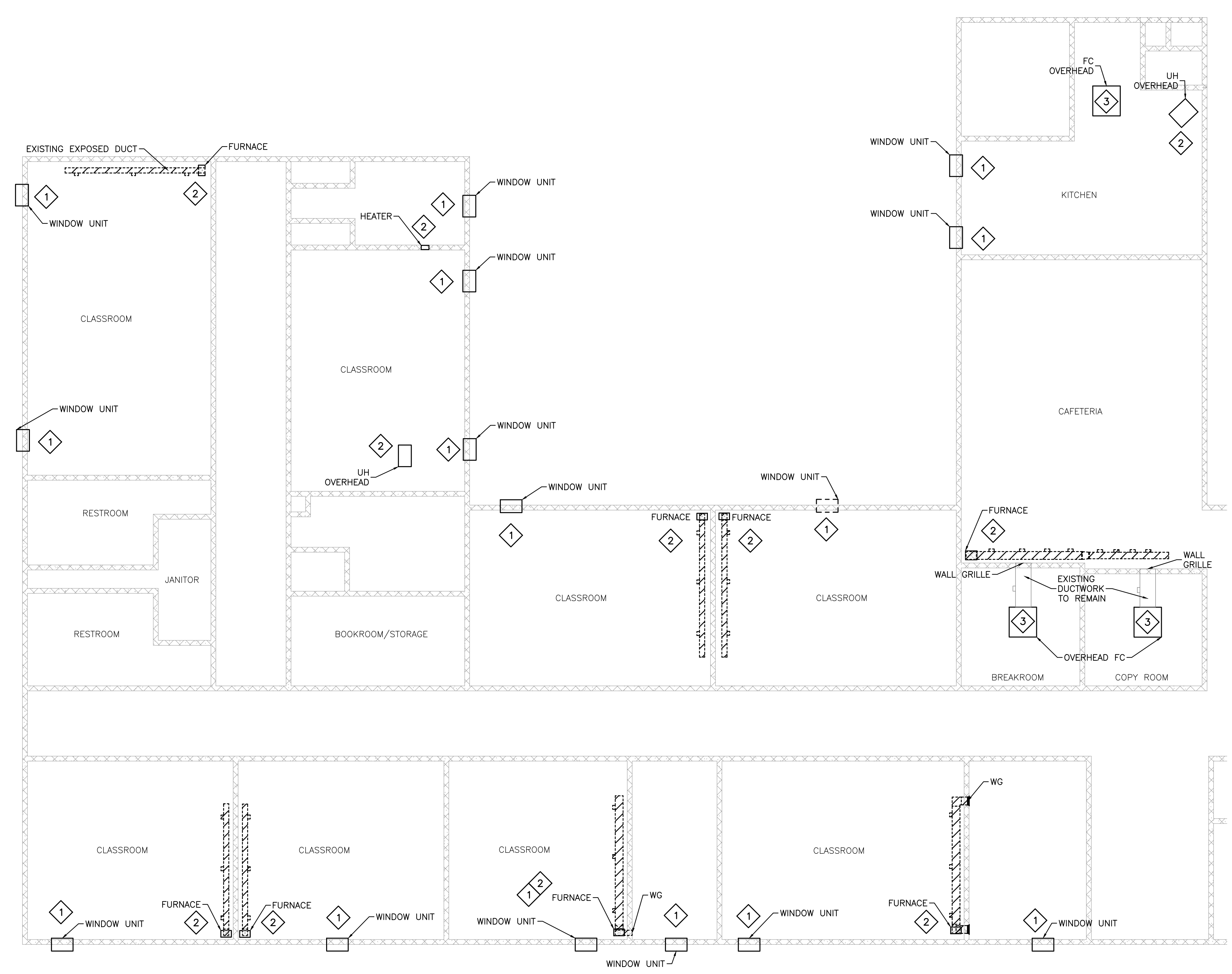
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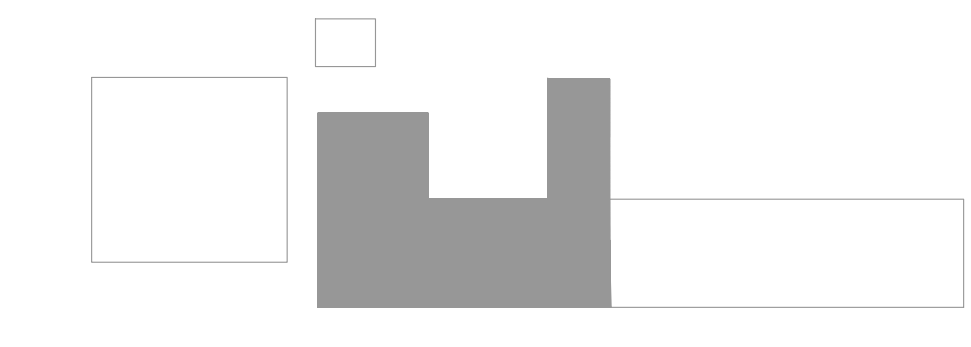
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1 MECHANICAL DEMO PLAN
 SCALE: 1/8"=1'-0"



KEY PLAN

- MECHANICAL DEMOLITION KEY NOTES**
- 1** CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW 1/4" CLEAR SAFETY GLAZING. MATCH REPAIRED FRAME TO EXISTING.
 - 2** CONTRACTOR SHALL REMOVE GAS FURNACE, DUCTWORK, GRILLES, VENT, VENT CAP, PLENUM, THERMOSTAT AND ACCESSORIES. REMOVE GAS PIPING, VALVES AND PIPE ACCESSORIES. CAP AND SEAL GAS PIPE AT MAIN. PATCH AND FILL WALL, CEILING AND ROOF TO MATCH EXISTING. CAP VENT AT ROOF.
 - 3** CONTRACTOR SHALL REMOVE FAN COIL, CONDENSER AND REFRIGERANT LINES. PRESERVE ALL DUCTWORK FOR NEW EQUIPMENT CONNECTION. INSTALL TEMPORARY FILM TO PROTECT DUCT OPENINGS. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT SYSTEMS.

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
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 FOREST, MS 39074

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LAKE MIDDLE SCHOOL MECHANICAL DEMO PLAN

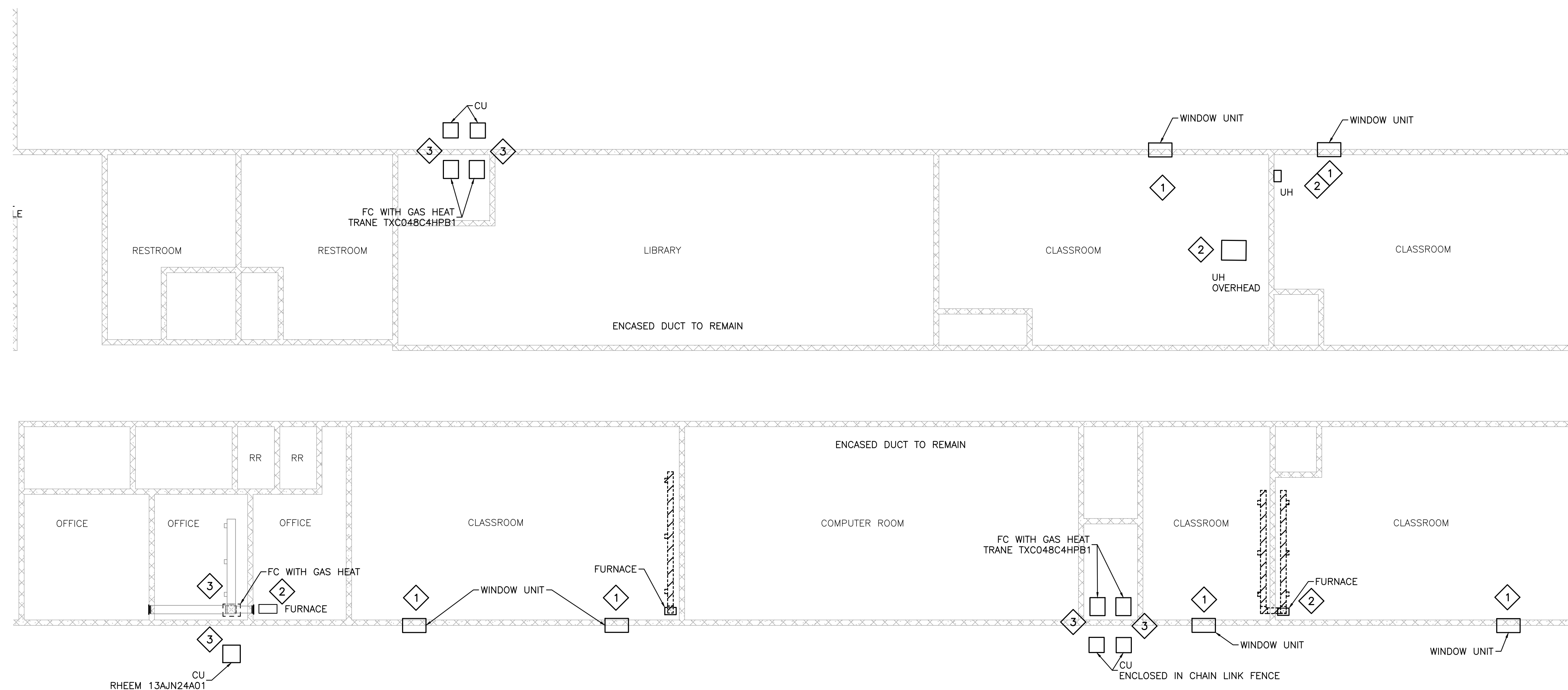
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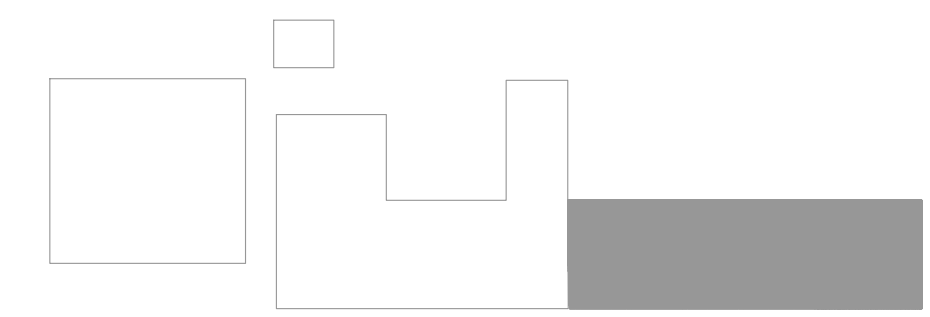
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1 MECHANICAL DEMO PLAN
 SCALE: 1/8"=1'-0"



KEY PLAN

MECHANICAL DEMOLITION KEY NOTES	
1	CONTRACTOR SHALL REMOVE WINDOW UNIT AND SUBSTRATE. REPAIR AND PREP EXISTING FRAME AS REQUIRED TO RECEIVE NEW 1/4" CLEAR SAFETY GLAZING. MATCH REPAIRED FRAME TO EXISTING.
2	CONTRACTOR SHALL REMOVE GAS FURNACE, DUCTWORK, GRILLES, VENTS, VENT CAPS, PLENUM, AND ACCESSORIES. REMOVE GAS PIPING, VALVES, ACCESSORIES AND CAP AND SEAL AT MAIN. PATCH AND FILL WALL, CEILING AND ROOF TO MATCH EXISTING. CAP AND SEAL VENT AT ROOF.
3	CONTRACTOR SHALL REMOVE GAS FURNACE, FAN COIL, CONDENSER REFRIGERANT LINES, VENTS, AND VENT CAPS. PRESERVE DUCTWORK FOR NEW EQUIPMENT CONNECTION. INSTALL TEMPORARY FILM TO PROTECT DUCT OPENINGS. CAP AND SEAL GAS SUPPLY PIPE. PATCH AND FILL CEILING AND PAINT TO MATCH EXISTING. PATCH ROOF TO MATCH EXISTING. ALL REFRIGERANT SHALL BE RECOVERED FROM SPLIT SYSTEMS. CAP AND SEAL VENT AT ROOF.

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06.16.2023

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: AS INDICATED
PROJECT NO: 0303.23.001
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CHECKED BY: JMV

LAKE MIDDLE SCHOOL MECHANICAL DEMO PLAN

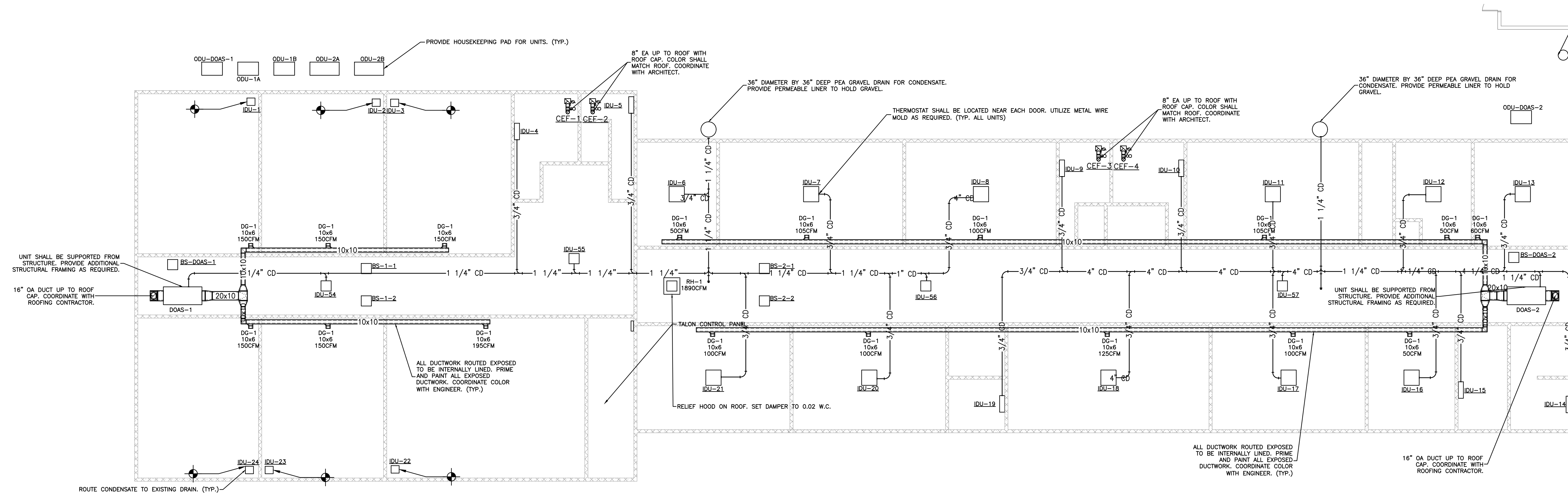
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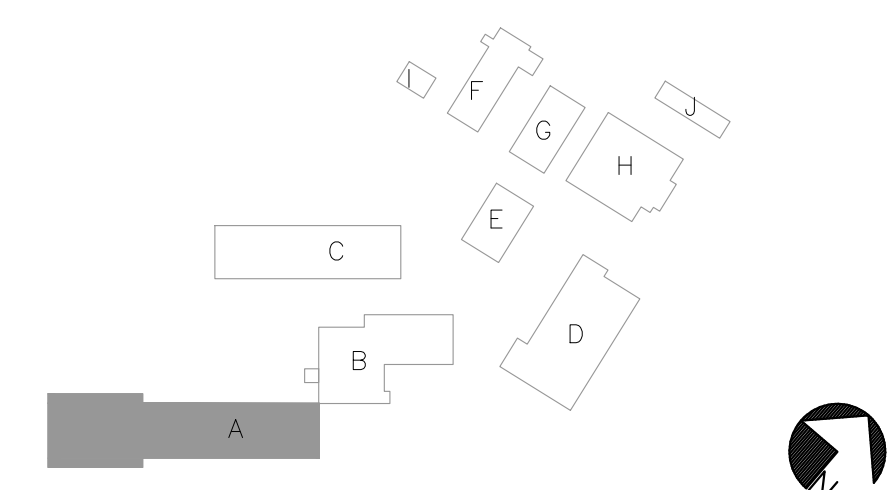
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1 MECHANICAL PLAN
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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
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 FOREST, MS 39074

SEBASSTOPOL ATTENDANCE CENTER - BLDG A
 MECHANICAL PLAN

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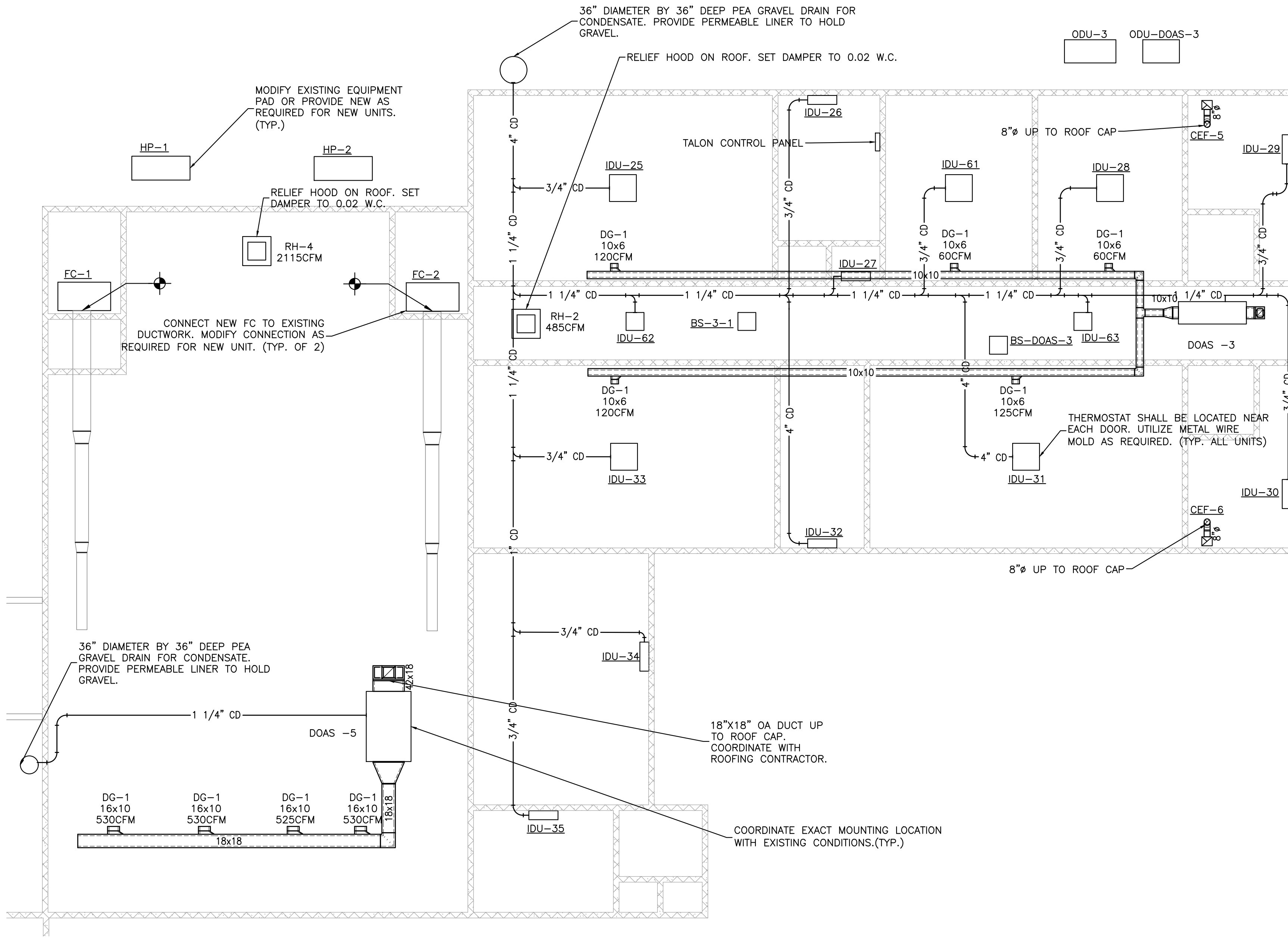
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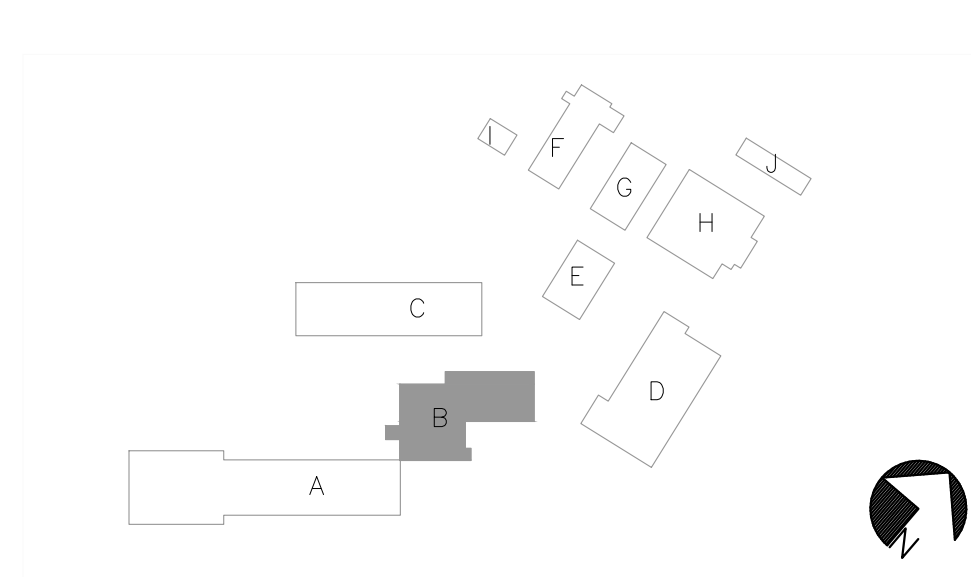
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1 MECHANICAL PLAN
SCALE: 1/8"=1'-0"



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SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

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SEBASTOPOL ATTENDANCE CENTER - BLDG B
MECHANICAL PLAN

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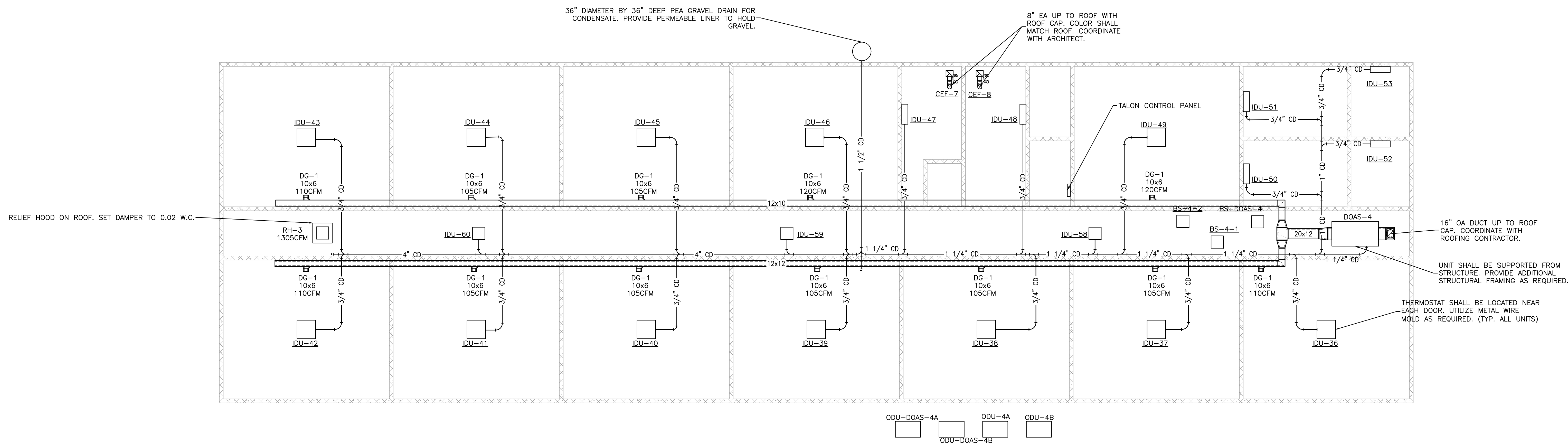
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SEBASTOPOLE ATTENDANCE CENTER - BLDG C
MECHANICAL PLAN

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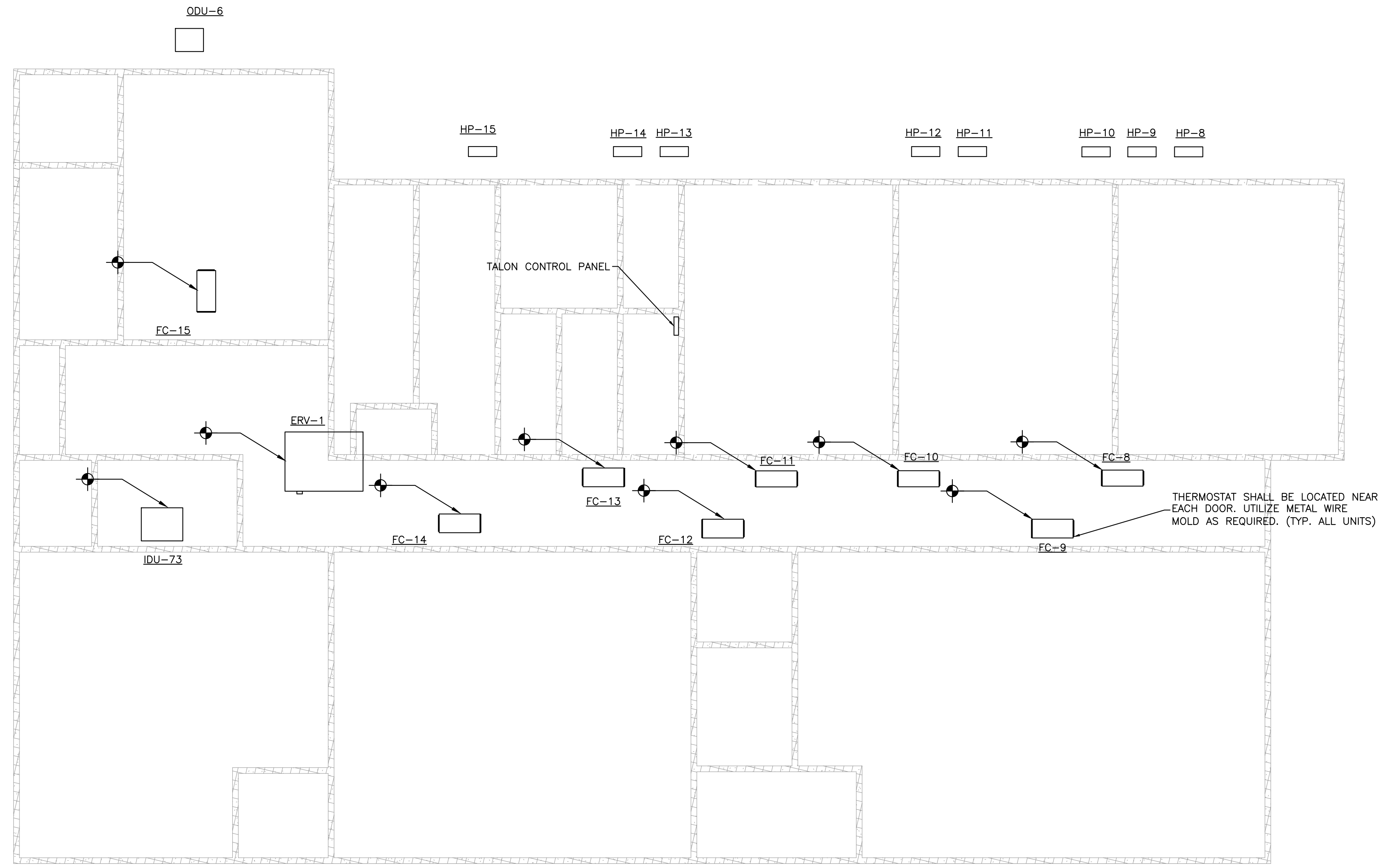
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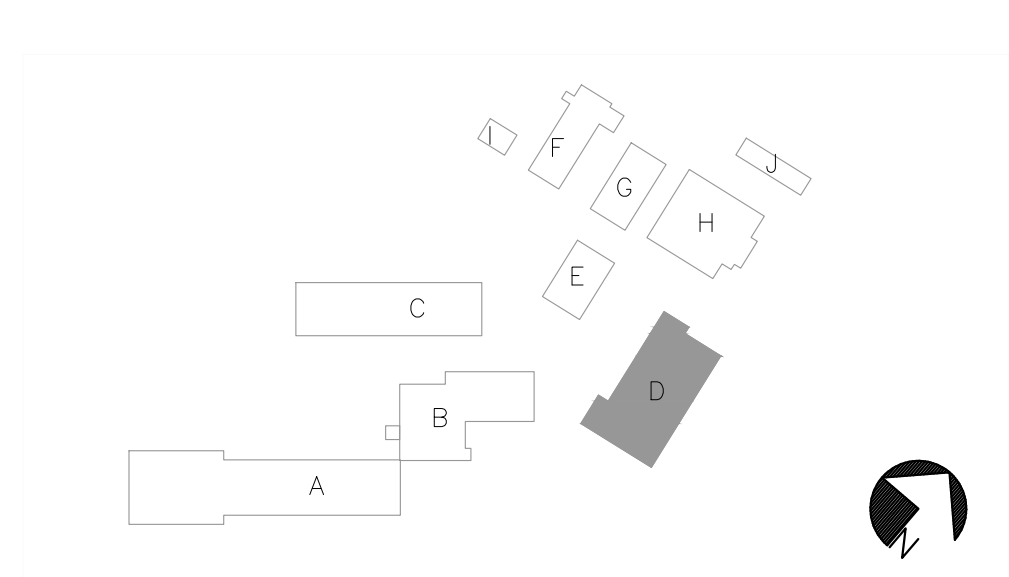


MECHANICAL PLAN
SCALE: 1/8"=1'-0"

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



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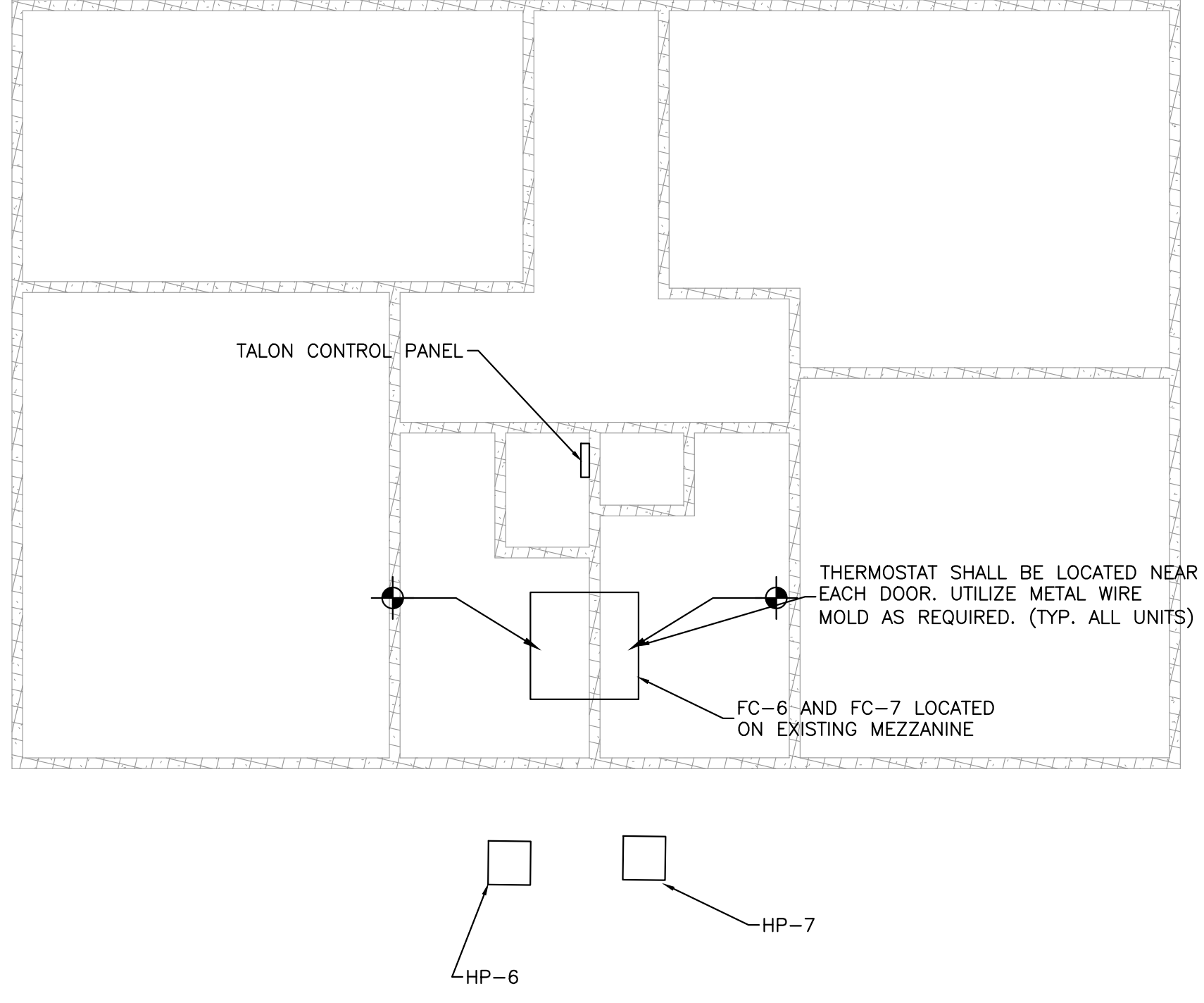
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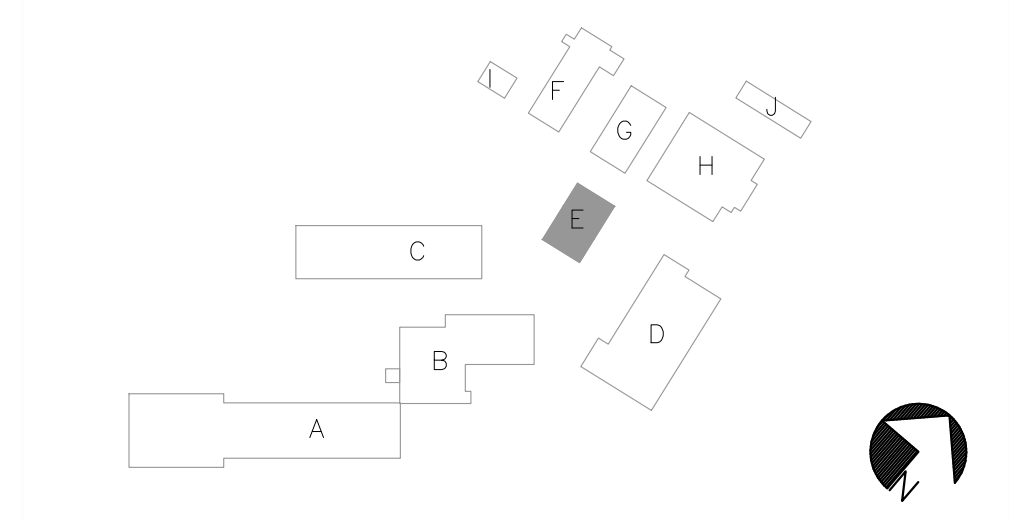
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1 MECHANICAL PLAN
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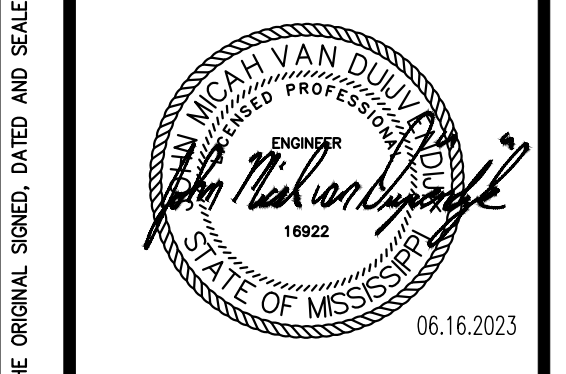


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SCOTT COUNTY SCHOOL DISTRICT
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SEBASTOPOLE ATTENDANCE CENTER - BLDG E
 MECHANICAL PLAN

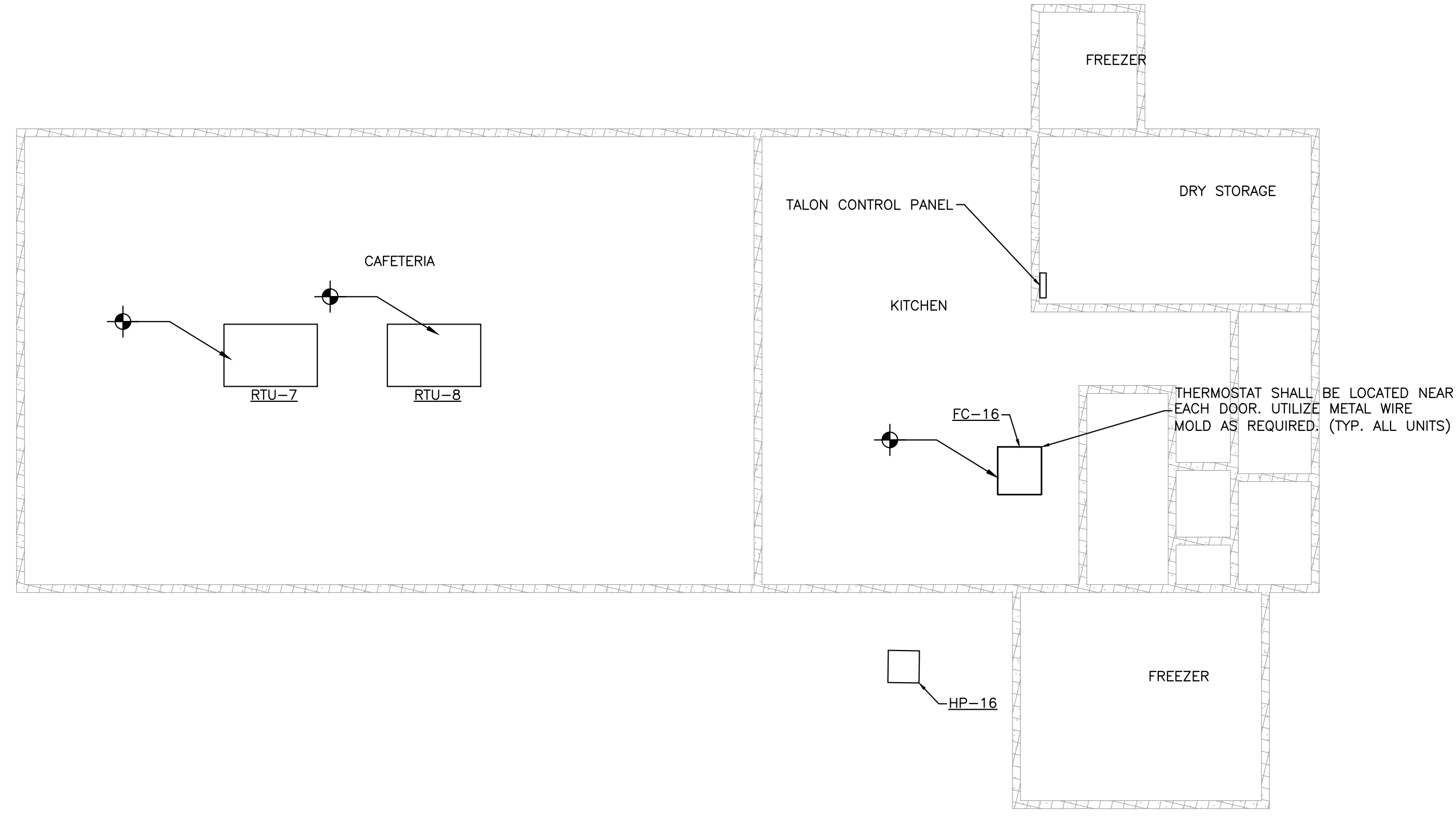
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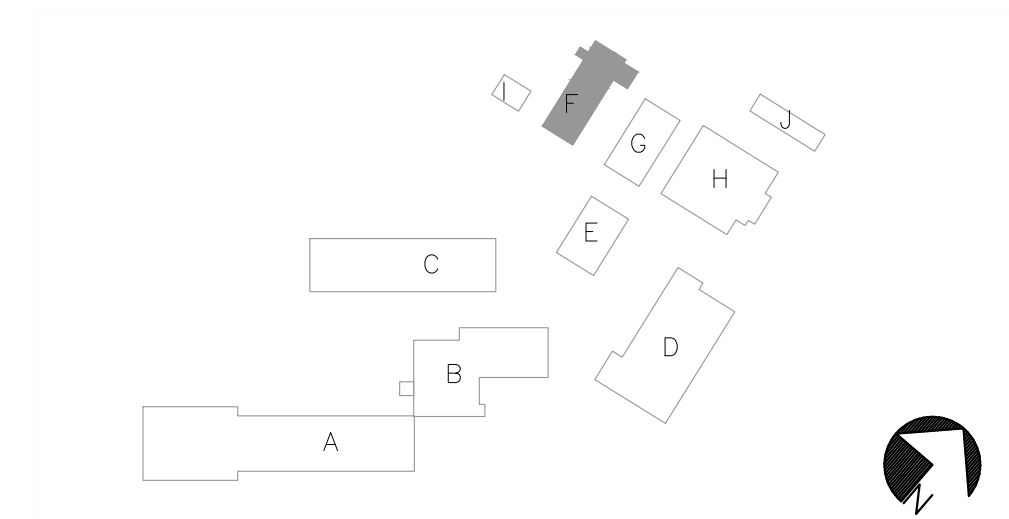
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SEBASTOPOL ATTENDANCE CENTER - BLDG F
 MECHANICAL PLAN

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
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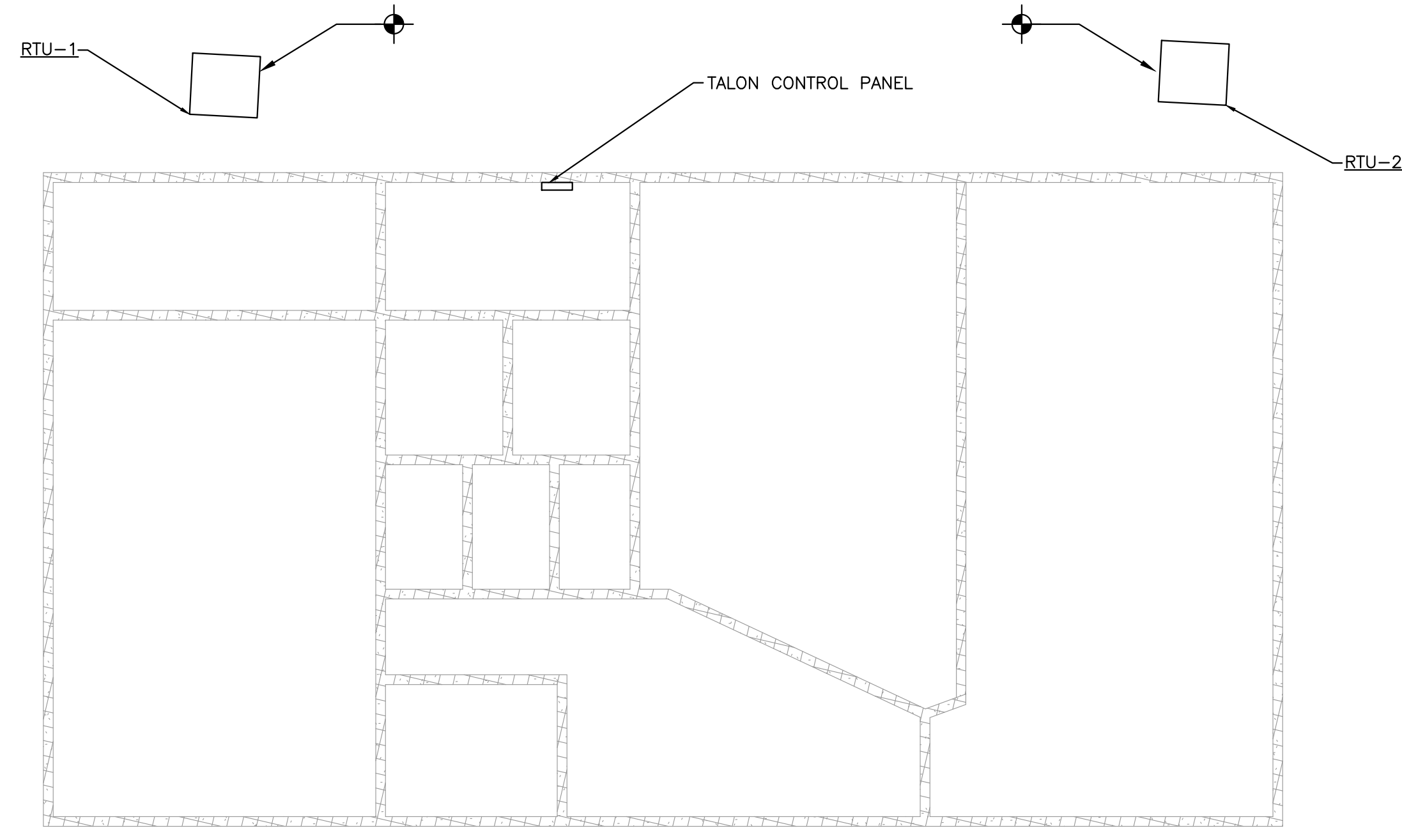
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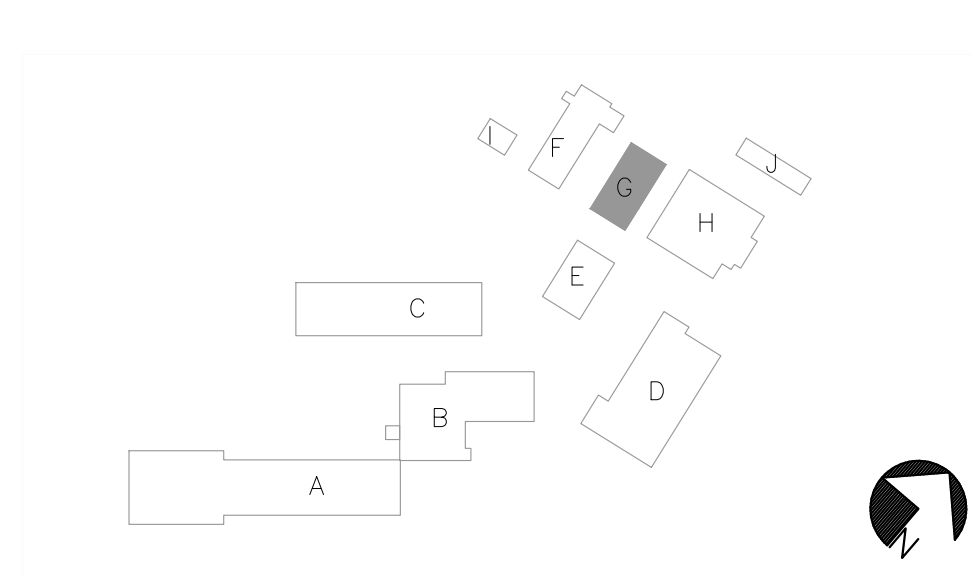
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1 MECHANICAL PLAN
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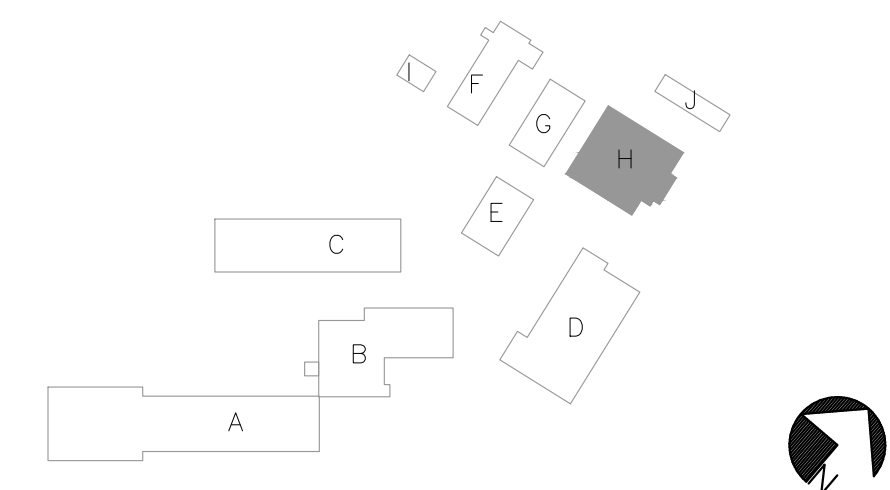
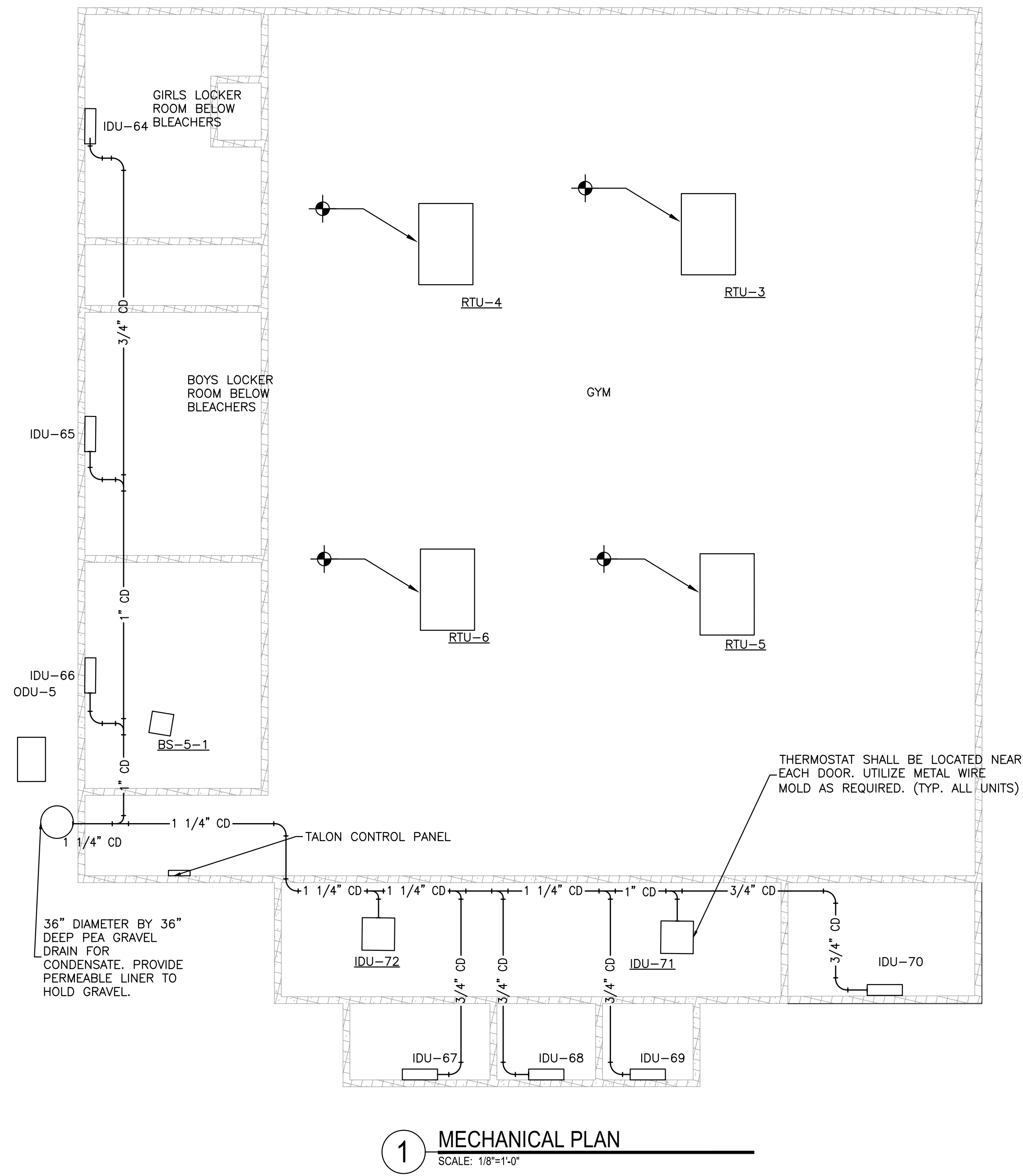
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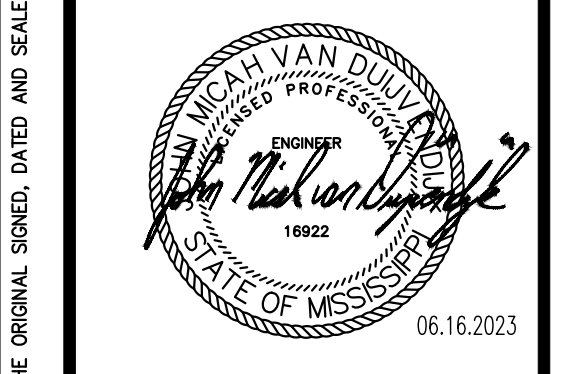
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SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE:
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SEBASTOPEL ATTENDANCE CENTER - BLDG H
MECHANICAL PLAN

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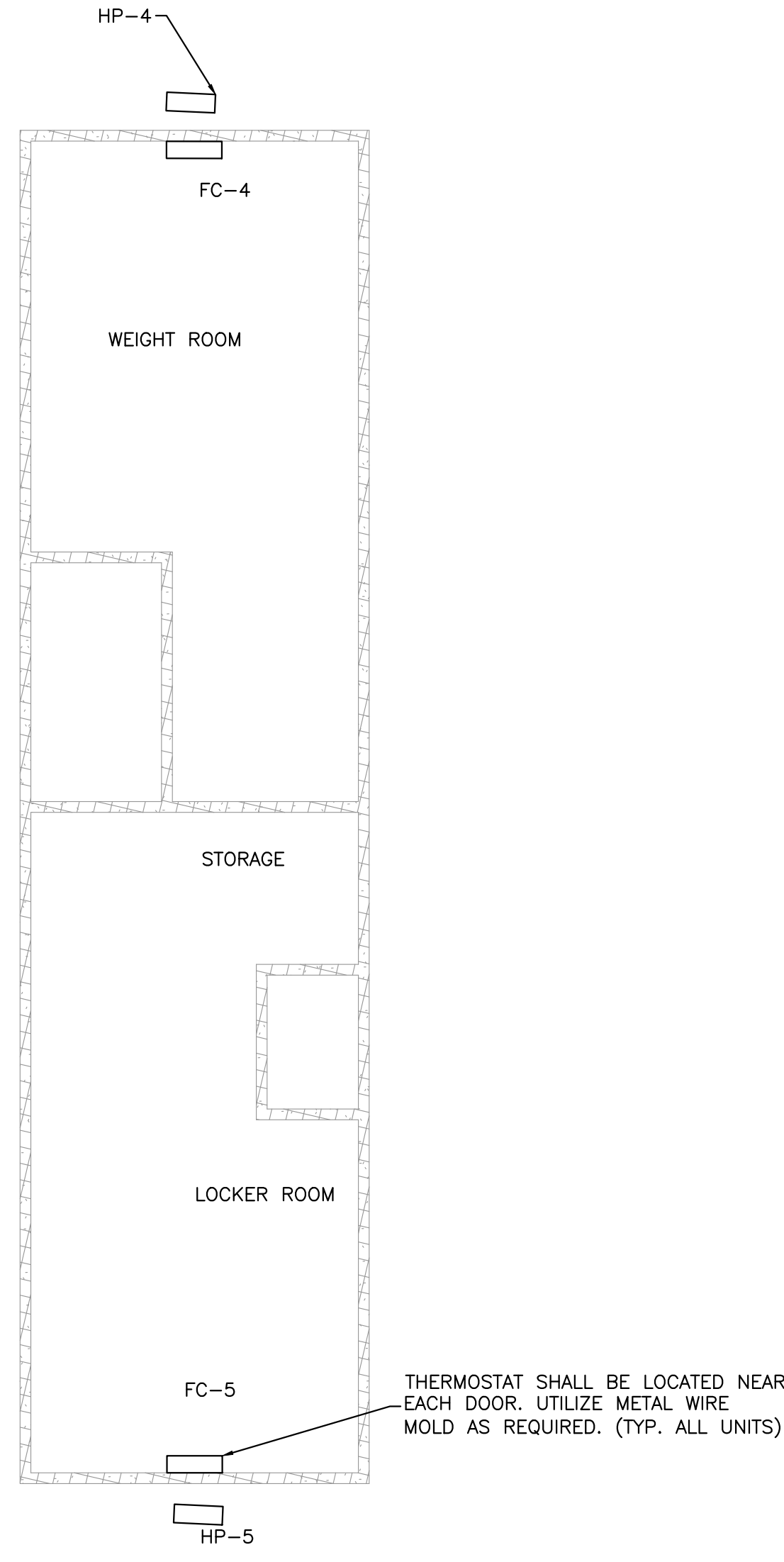
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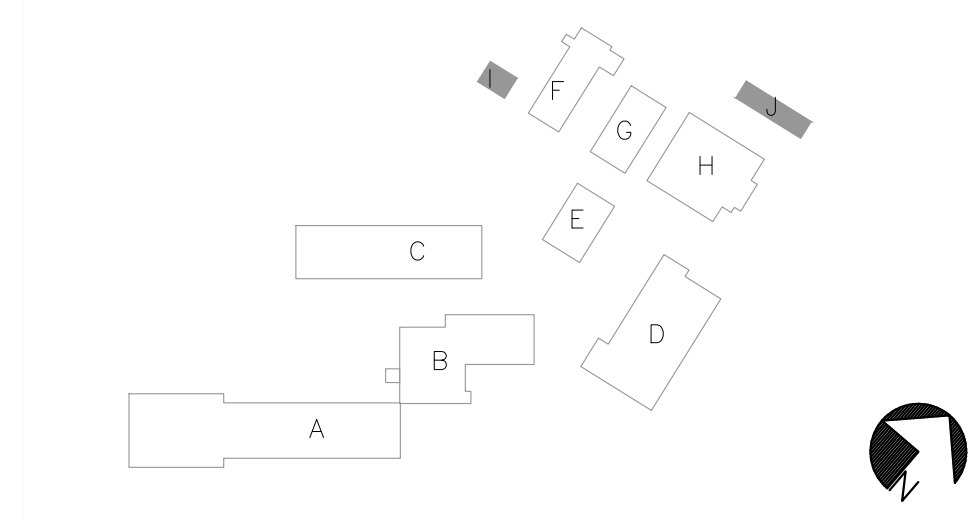
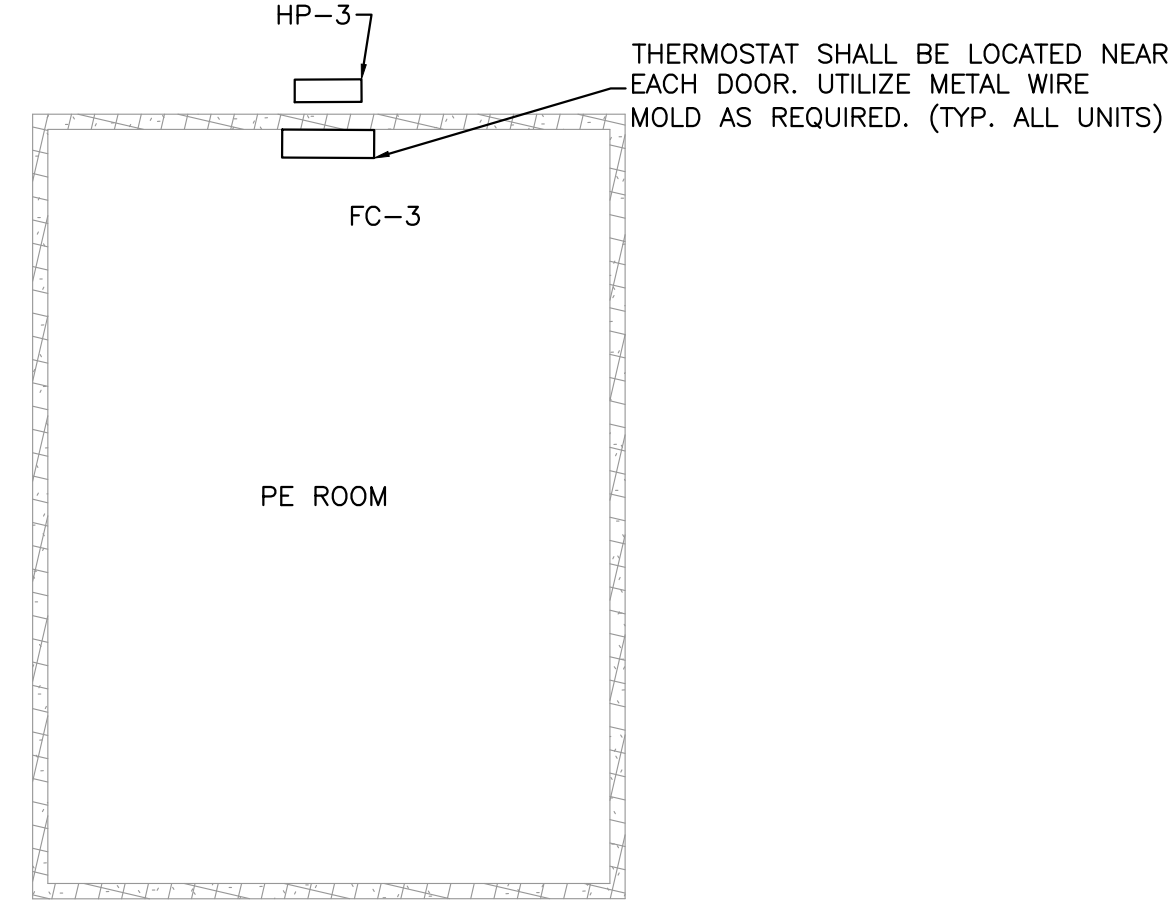
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1 MECHANICAL PLAN - BLDG J
 SCALE: 1/8"=1'-0"



2 MECHANICAL PLAN - BLDG I
 SCALE: 1/8"=1'-0"



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SCOTT COUNTY SCHOOL DISTRICT
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 FOREST, MS 39074

SCALE:	
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SEBASTOPOL ATTENDANCE CENTER MECHANICAL PLAN		
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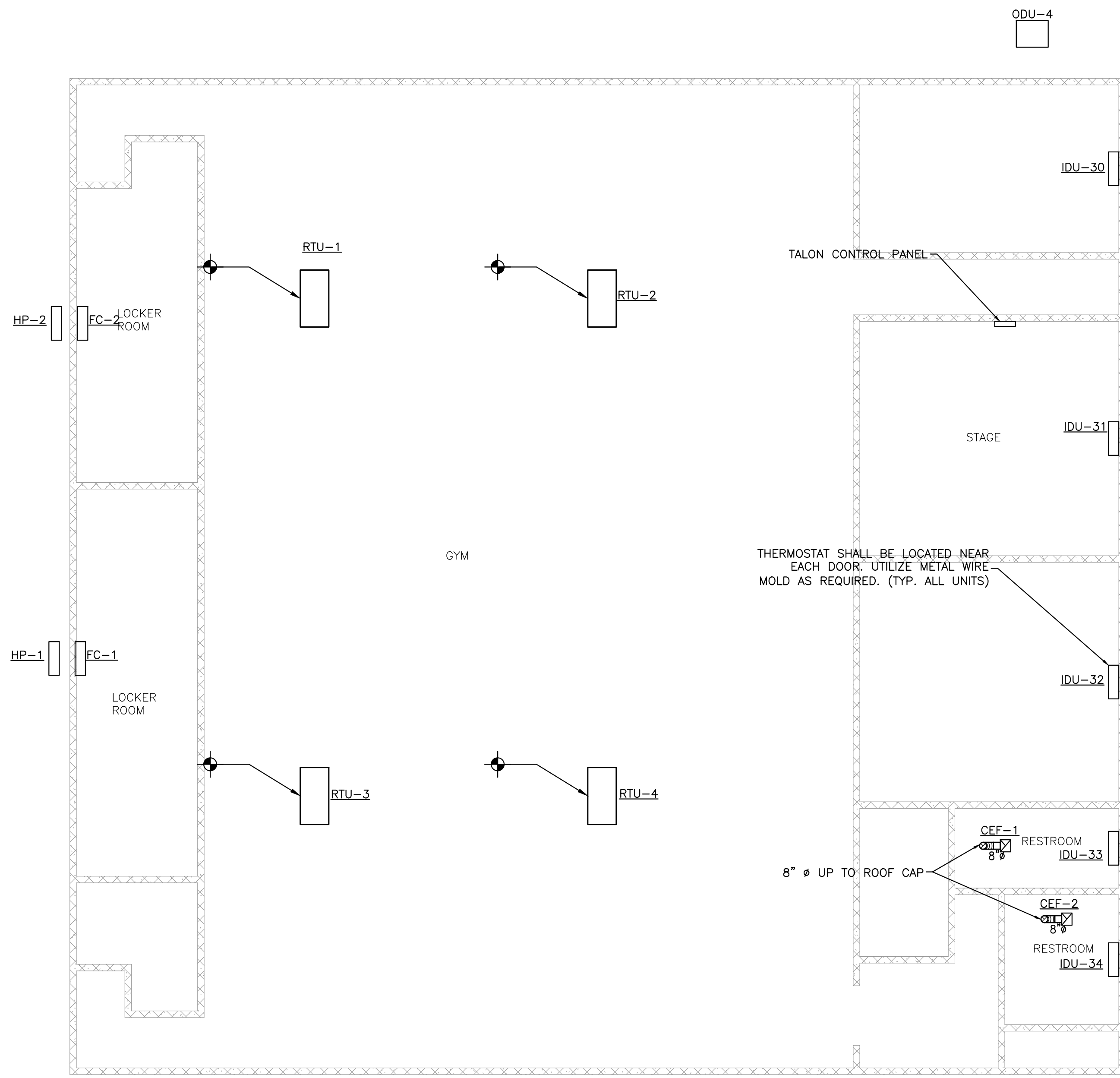
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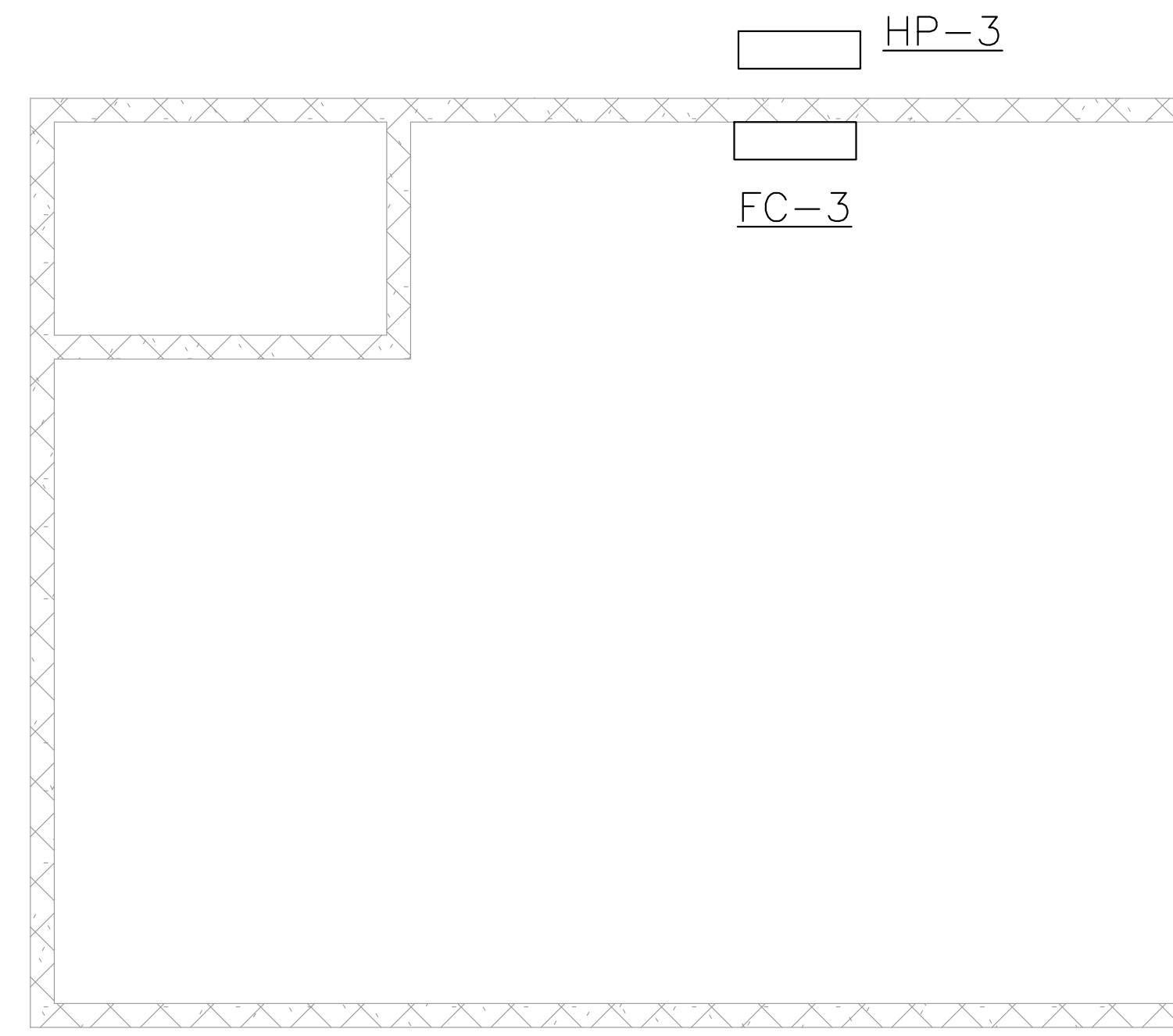
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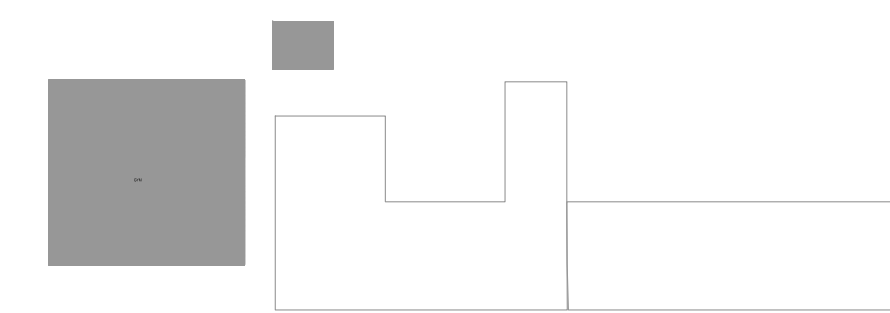
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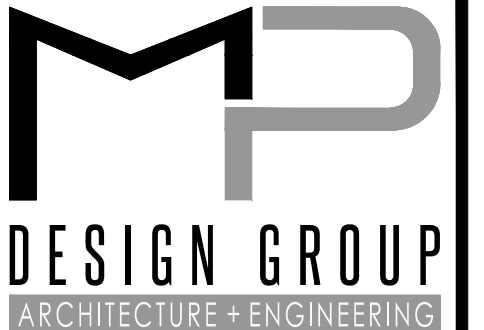
1 MECHANICAL PLAN (ALTERNATE 1)
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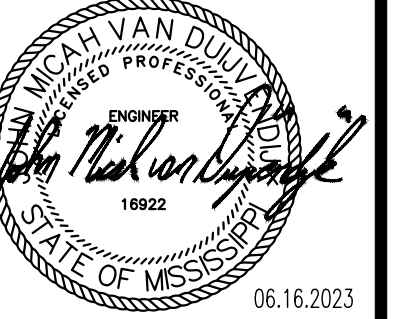
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KEY PLAN



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 David J. Machado, PE
 Brad P. Patano, PE
 Gerrod W. Kilpatrick, PE
 Bradford A. Jones, AIA
 Fernando A. Silva, AIA



**SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
 SCOTT COUNTY SCHOOL DISTRICT**
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE:
 PROJECT NO: 0303.23.001
 DRAWN BY: MAB
 CHECKED BY: JMV

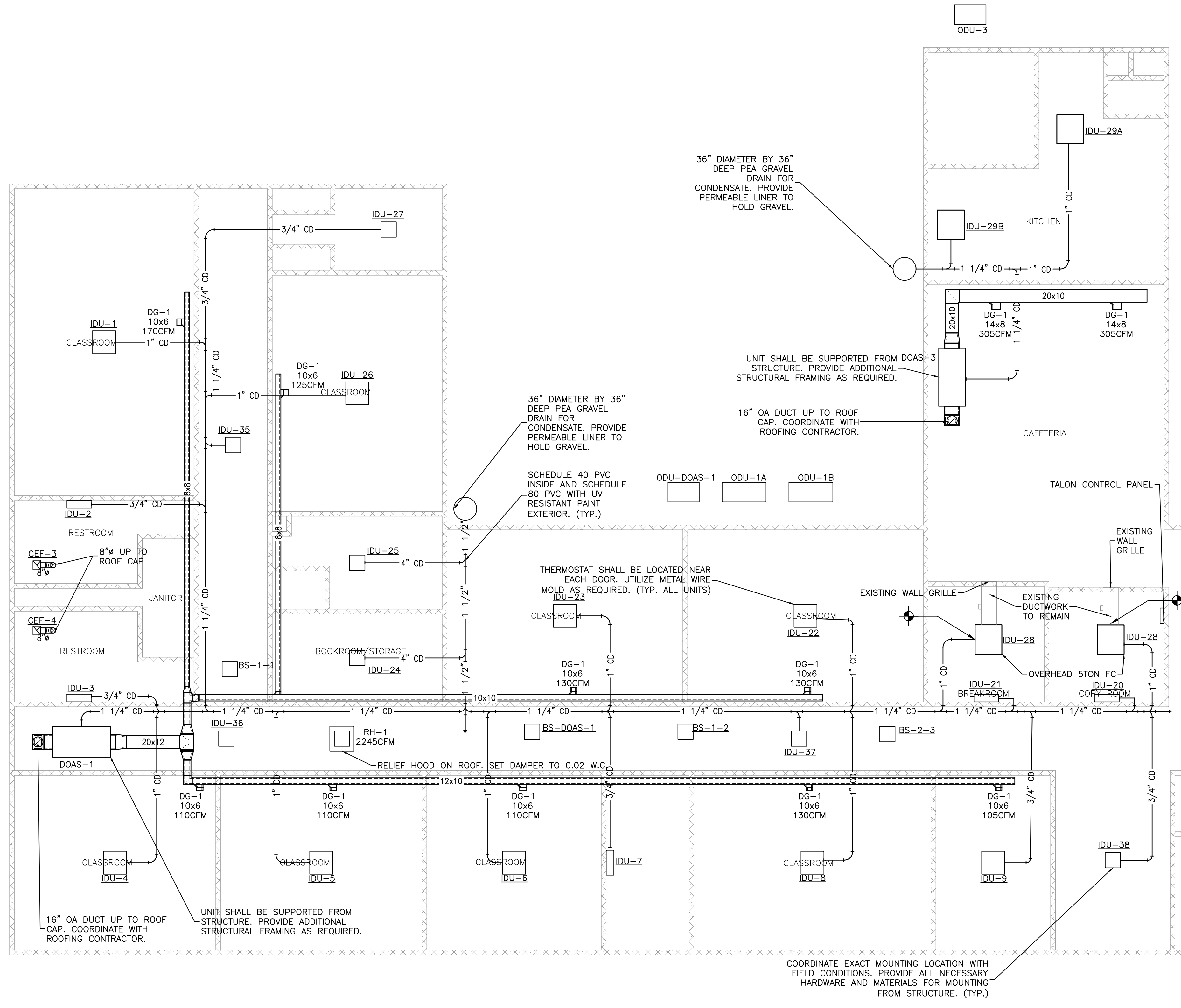
LAKE MIDDLE SCHOOL MECHANICAL PLAN

NO.	DATE	REVISION / SUBMITTAL
REV 1	08/23	ISSUED FOR CONSTRUCTION

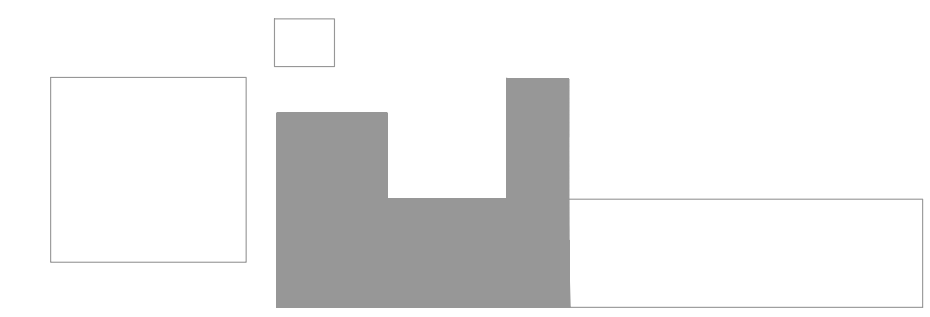
M111

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



KEY PLAN

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ARCHITECTURE + ENGINEERING
"Designed to Build"
918 Howard Ave Suite F
Blacksburg, Mississippi 39530
P: 228.388.1950
www.mpdesigngroup.us

David J. Machado, PE
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Gerrod W. Kilpatrick, PE
Bradford A. Jones, AIA
Fernando A. Silva, AIA

06.16.2023

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES SCOTT COUNTY SCHOOL DISTRICT 110 COMMERCE LOOP FOREST, MS 39074

LAKE MIDDLE SCHOOL MECHANICAL PLAN

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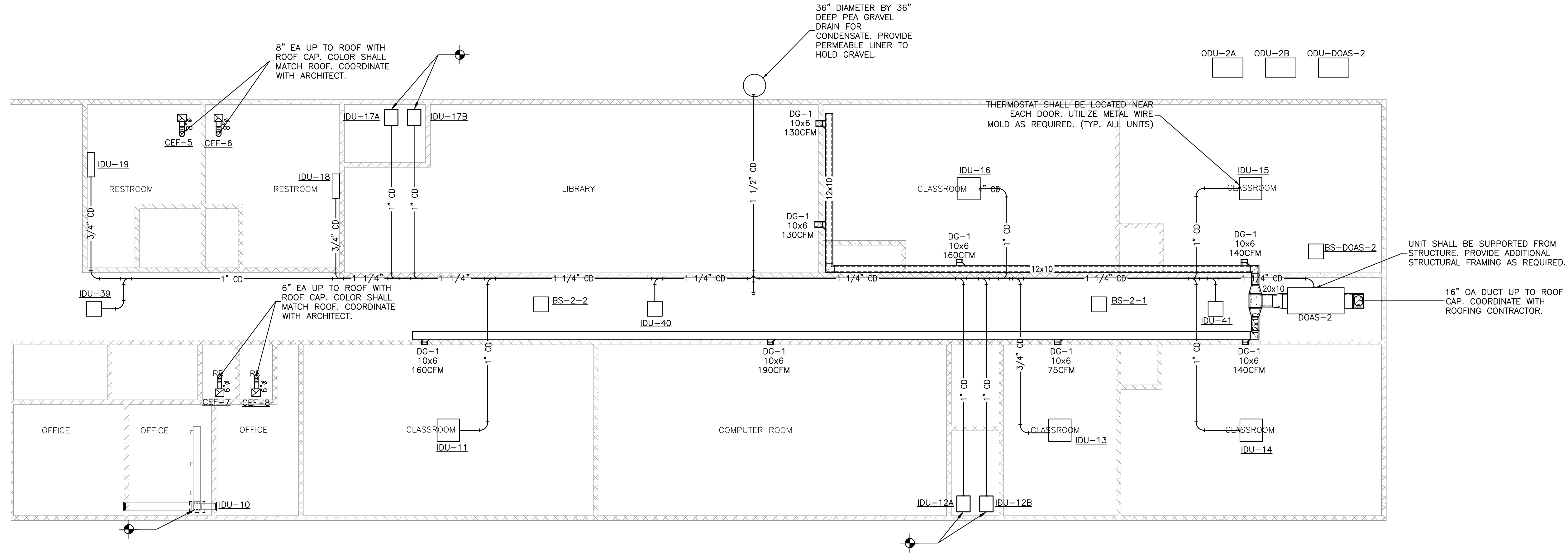
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M112

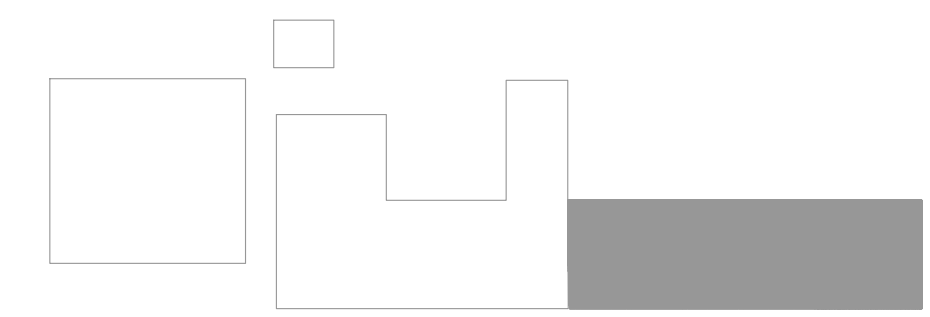
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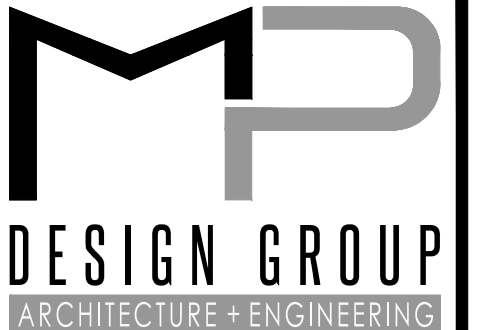
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1 MECHANICAL PLAN
SCALE: 1/8"=1'-0"



KEY PLAN



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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

SCALE:
PROJECT NO: 0303.23.001
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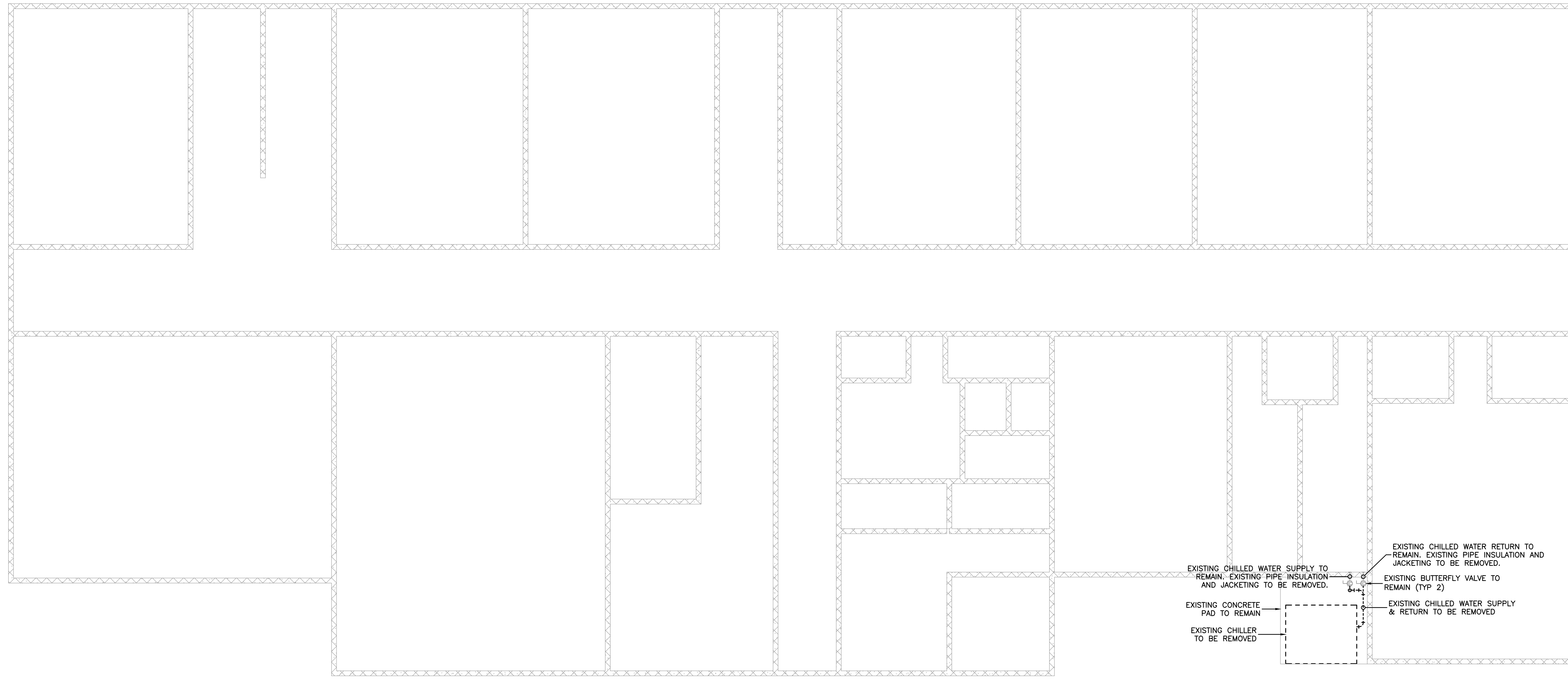
LAKE MIDDLE SCHOOL MECHANICAL PLAN

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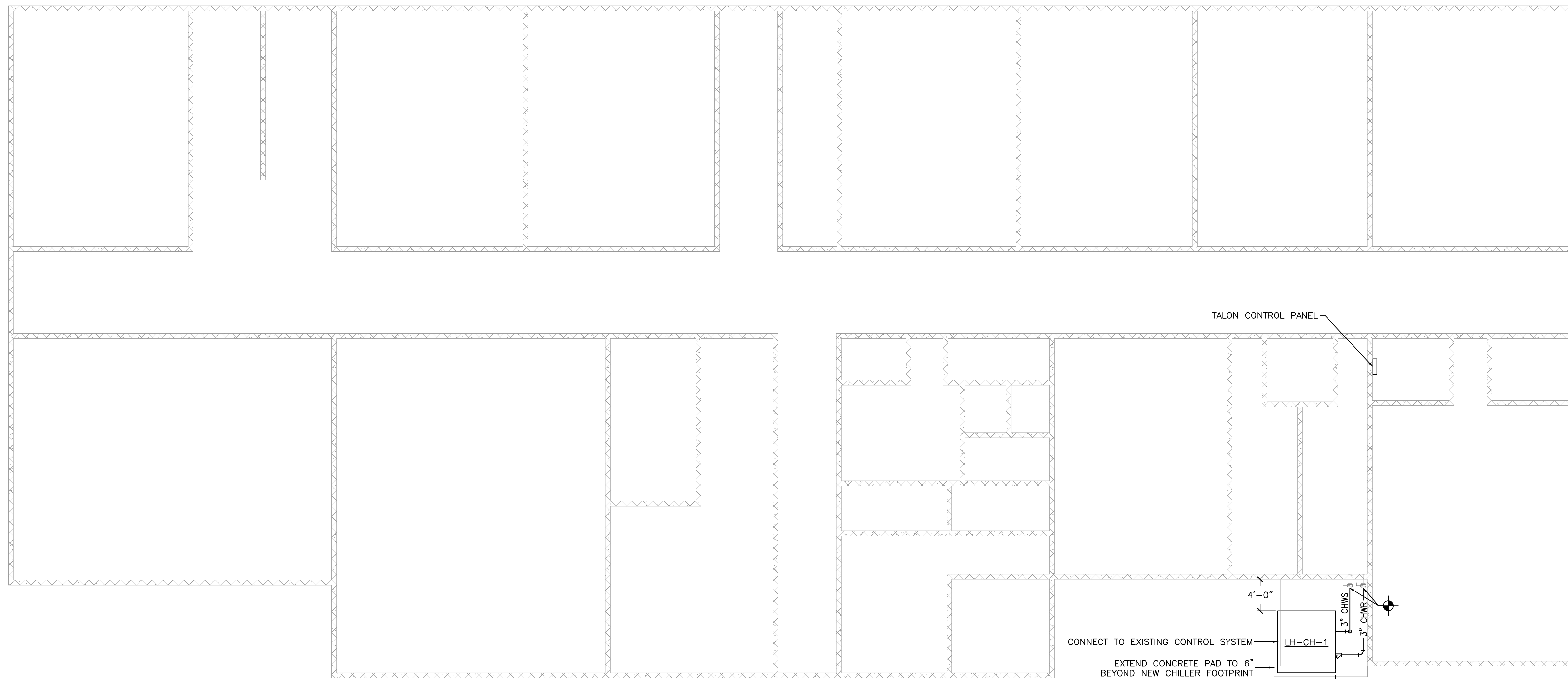
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1 HVAC DEMOLITION PLAN
 SCALE: 1/8"=1'-0"



2 HVAC PLAN
 SCALE: 1/8"=1'-0"

- CHILLER NOTES:
1. PROVIDE AND INSTALL THERMOMETERS AT THE INLET AND OUTLET CONNECTIONS OF THE EVAPORATOR.
 2. PROVIDE AND INSTALL WATER PRESSURE GAUGE TAPS AND GAUGES AT THE INLET AND OUTLET CONNECTIONS OF THE EVAPORATOR.
 3. PROVIDE AND INSTALL BRAIDED STAINLESS STEEL FLEXIBLE PIPE CONNECTORS IN SUPPLY AND RETURN WATER LINES.
 4. PROVIDE AND INSTALL NEW PIPE AND VALVE INSULATION (1.5" THICK) WITH WEATHERPROOF ALUMINUM JACKETING FOR ALL EXTERIOR PIPING.
 5. PROVIDE AND INSTALL HEAT TRACING FOR ALL EXTERIOR PIPING AND VALVES AT 3 W/FT.
 6. PROVIDE AND INSTALL A DRAIN VALVE AT THE LOWER PIPING CONNECTION (CHWS).
 7. PROVIDE AND INSTALL A MANUAL AIR VENT AT THE UPPER PIPING CONNECTION (CHWR).
 8. NEW CHILLED WATER PIPING SHALL BE SCHEDULE 40 STEEL. JOINTS SHALL BE FLANGED, WELDED, OR MECHANICAL COUPLING. SCREWED FITTINGS ARE NOT ALLOWED.



SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: 1/8"=1'-0"
 PROJECT NO: 0303.23.001
 DRAWN BY: JMV
 CHECKED BY: JMV

LAKE HIGH SCHOOL
CLASSROOM BUILDING HVAC PLANS

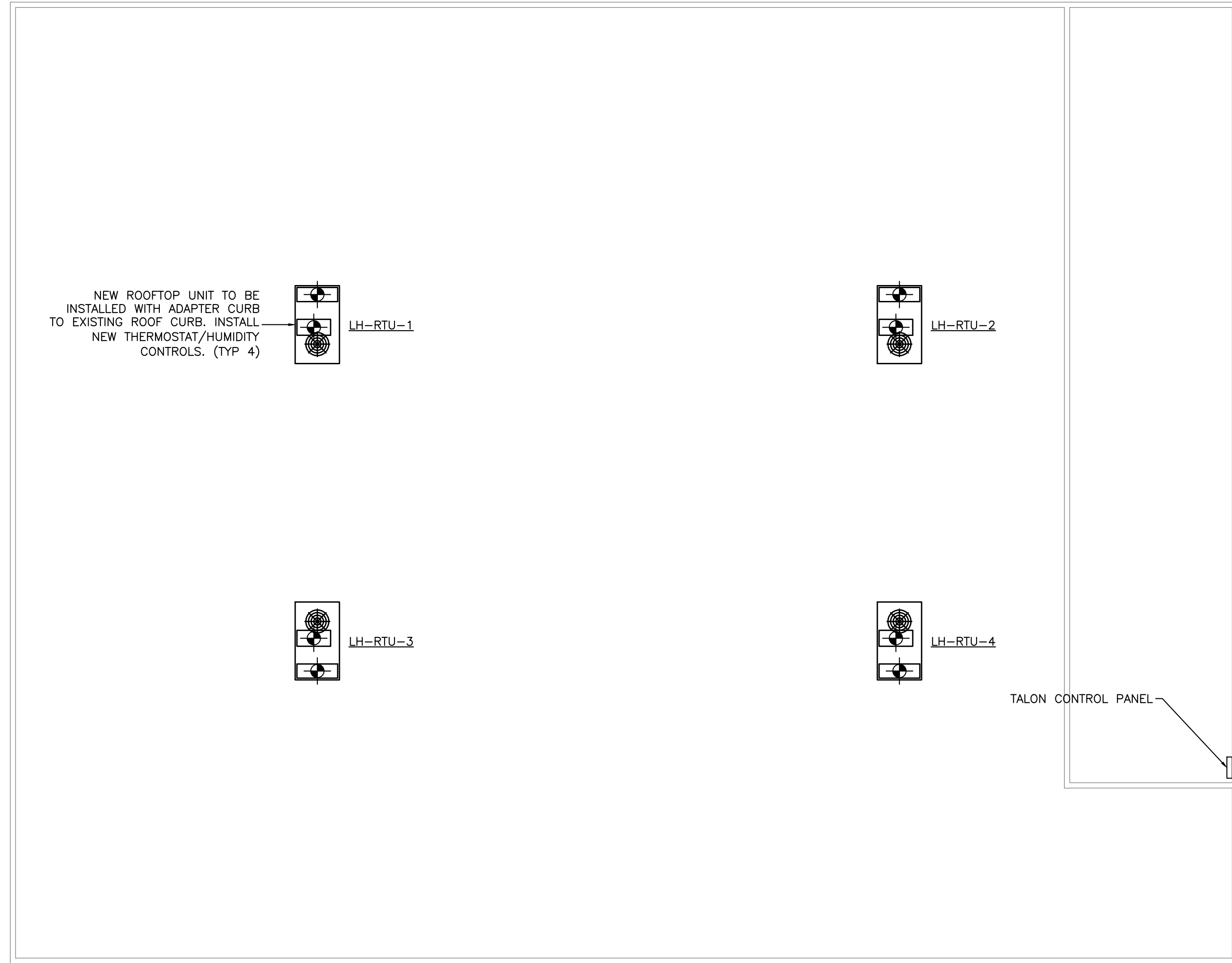
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M121

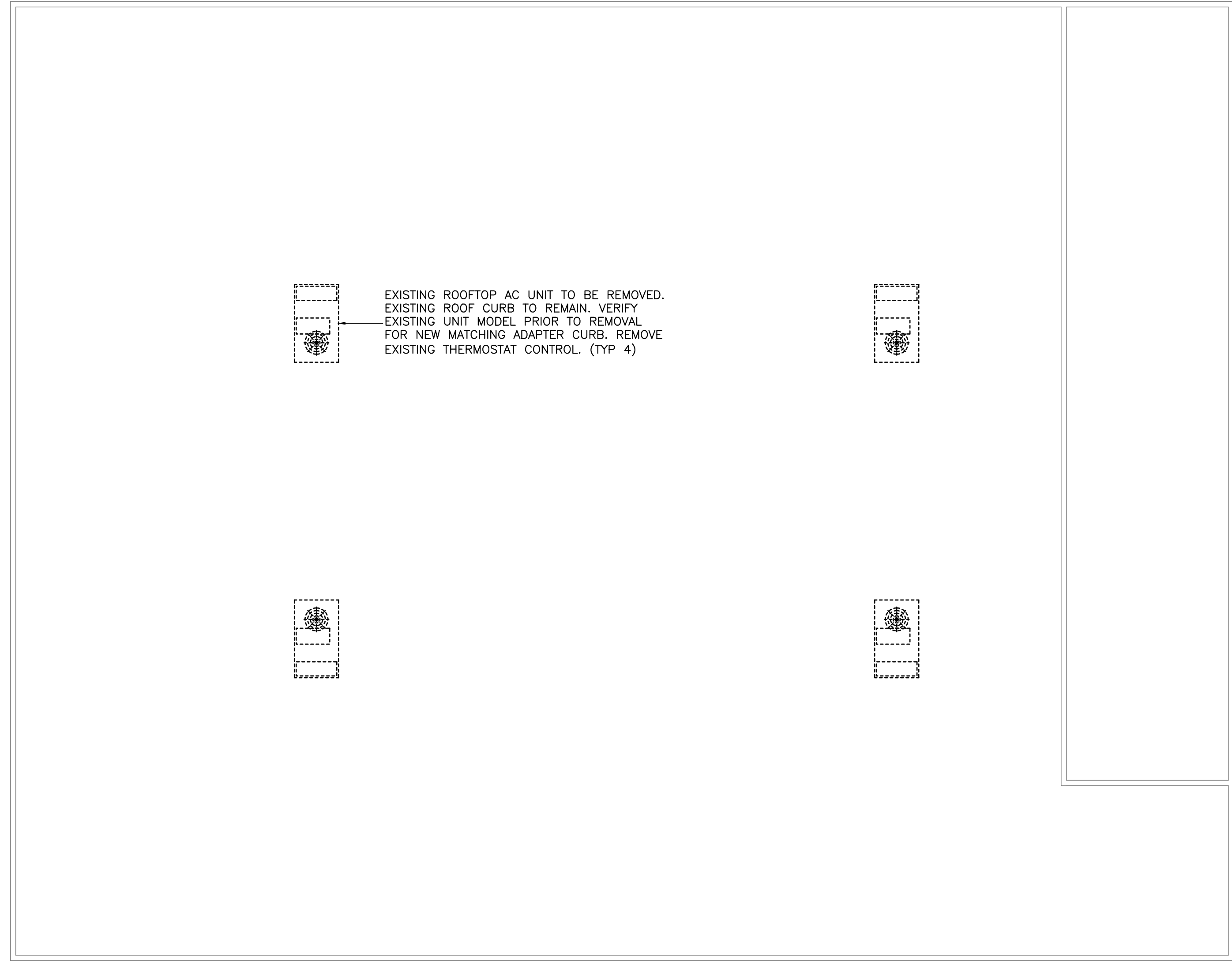
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2 HVAC PLAN
 SCALE: 1/8"=1'-0"



1 HVAC DEMOLITION PLAN
 SCALE: 1/8"=1'-0"

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 ARCHITECTURE + ENGINEERING

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

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LAKE HIGH SCHOOL
GYM HVAC PLANS

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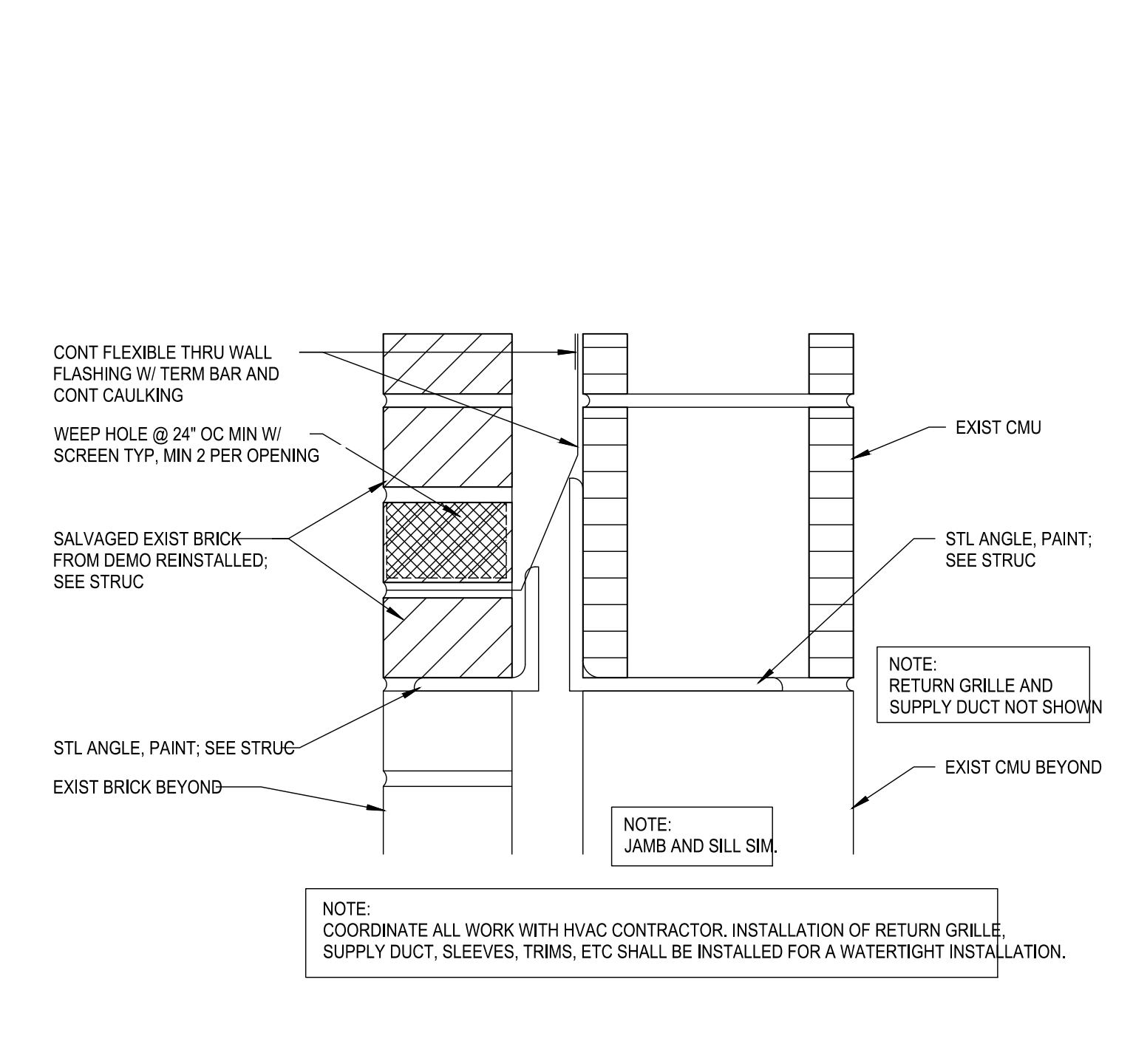
SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

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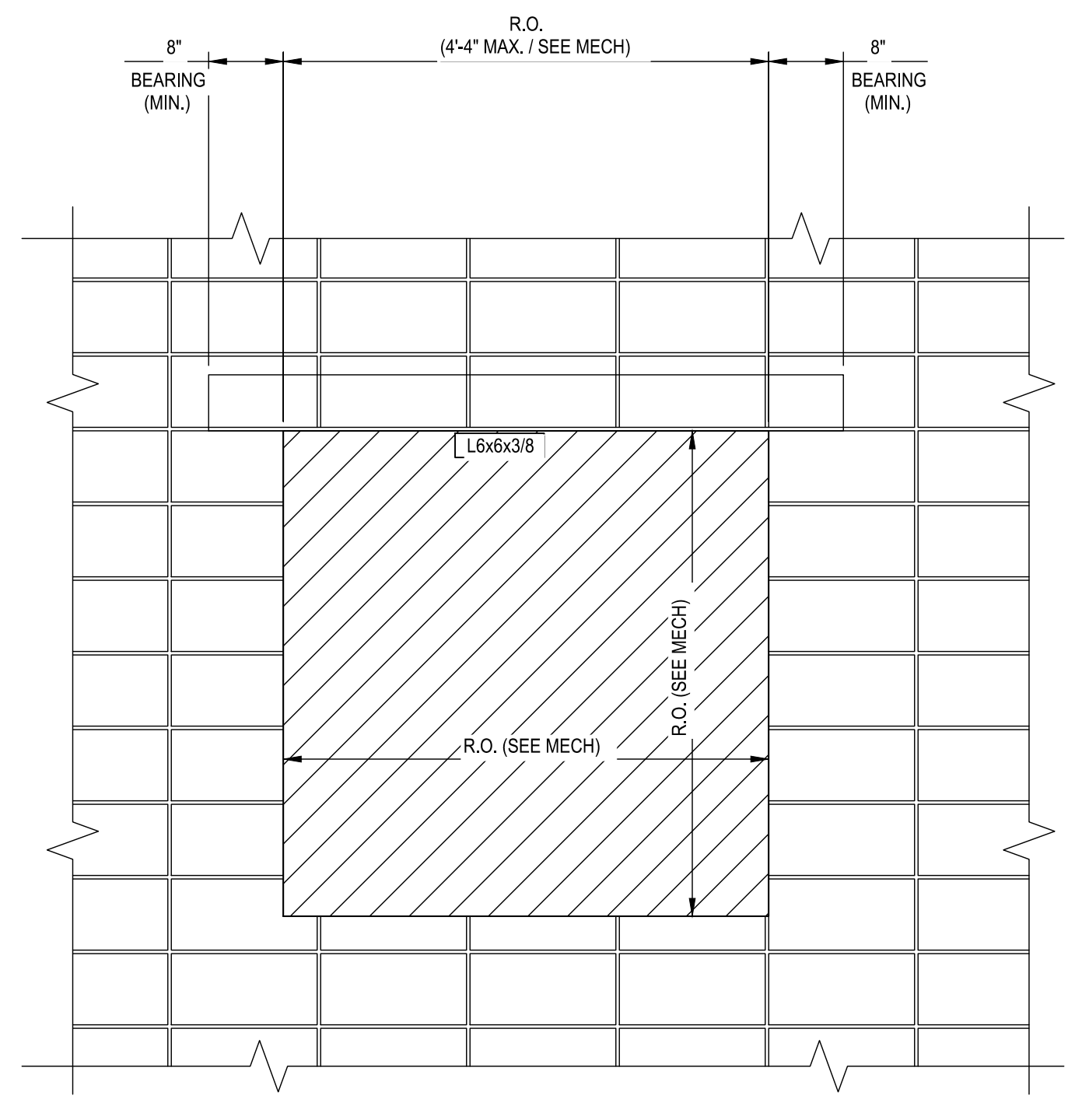
MECHANICAL DETAILS

NO.	DATE	REVISION / SUBMITTAL

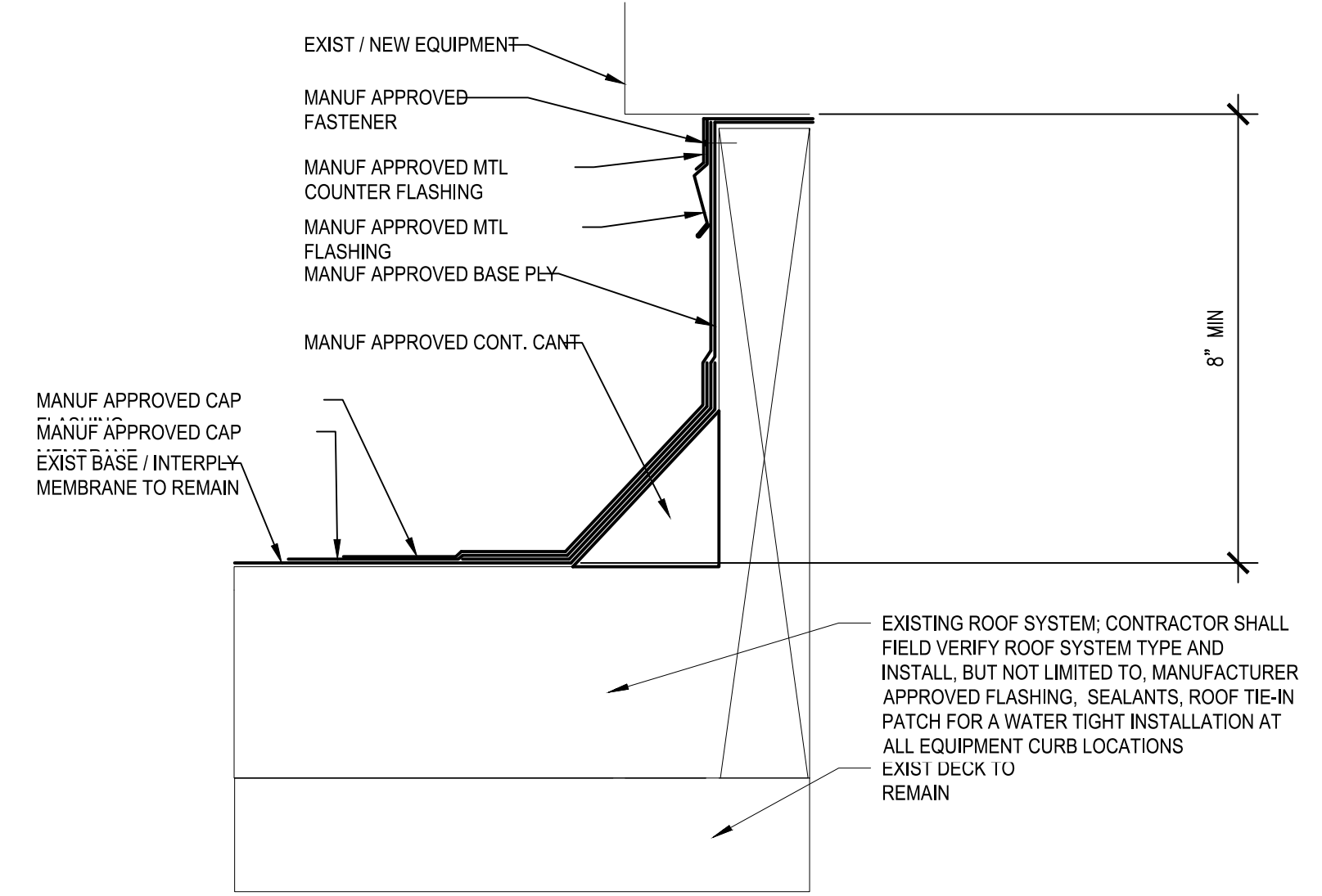
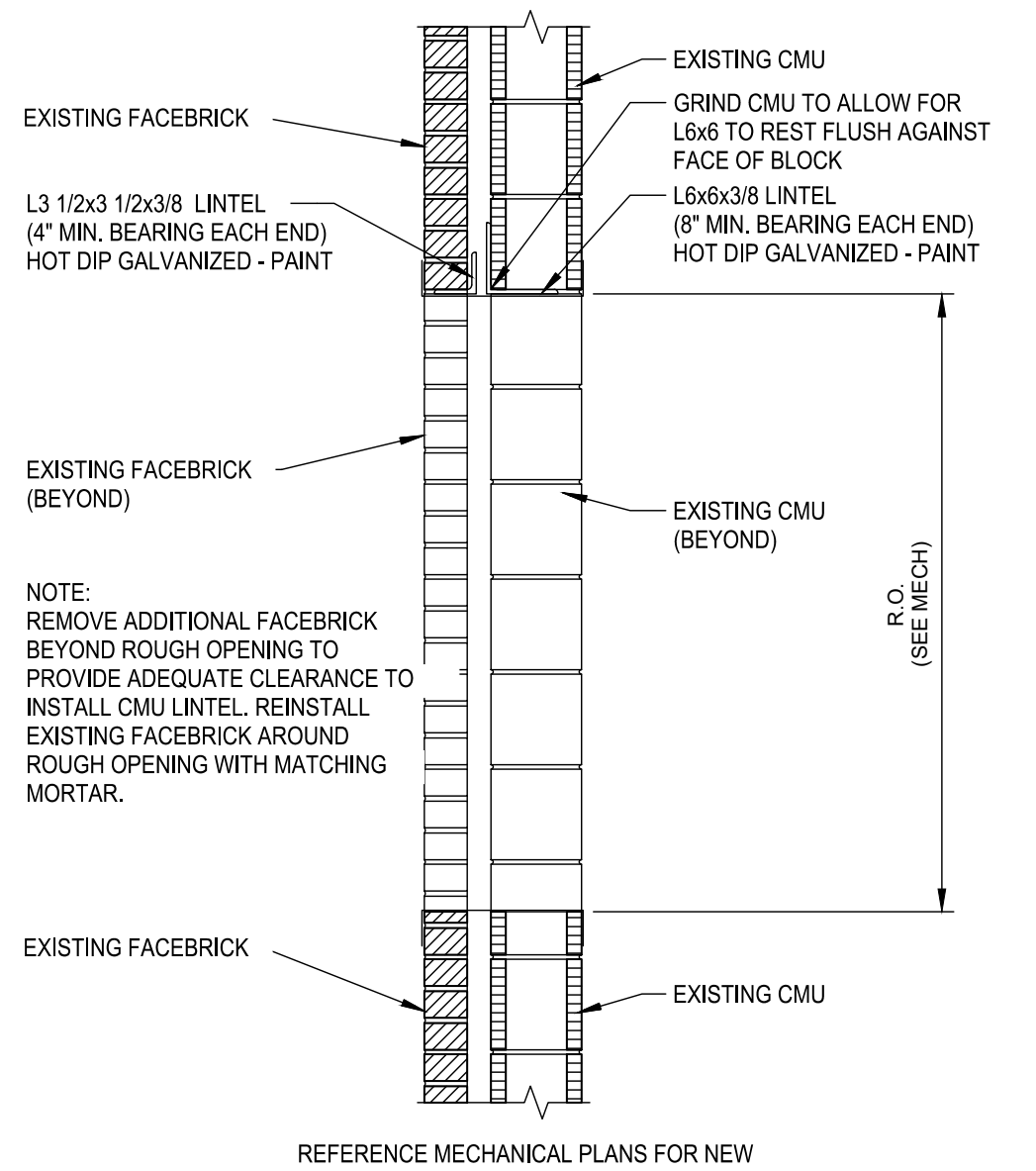
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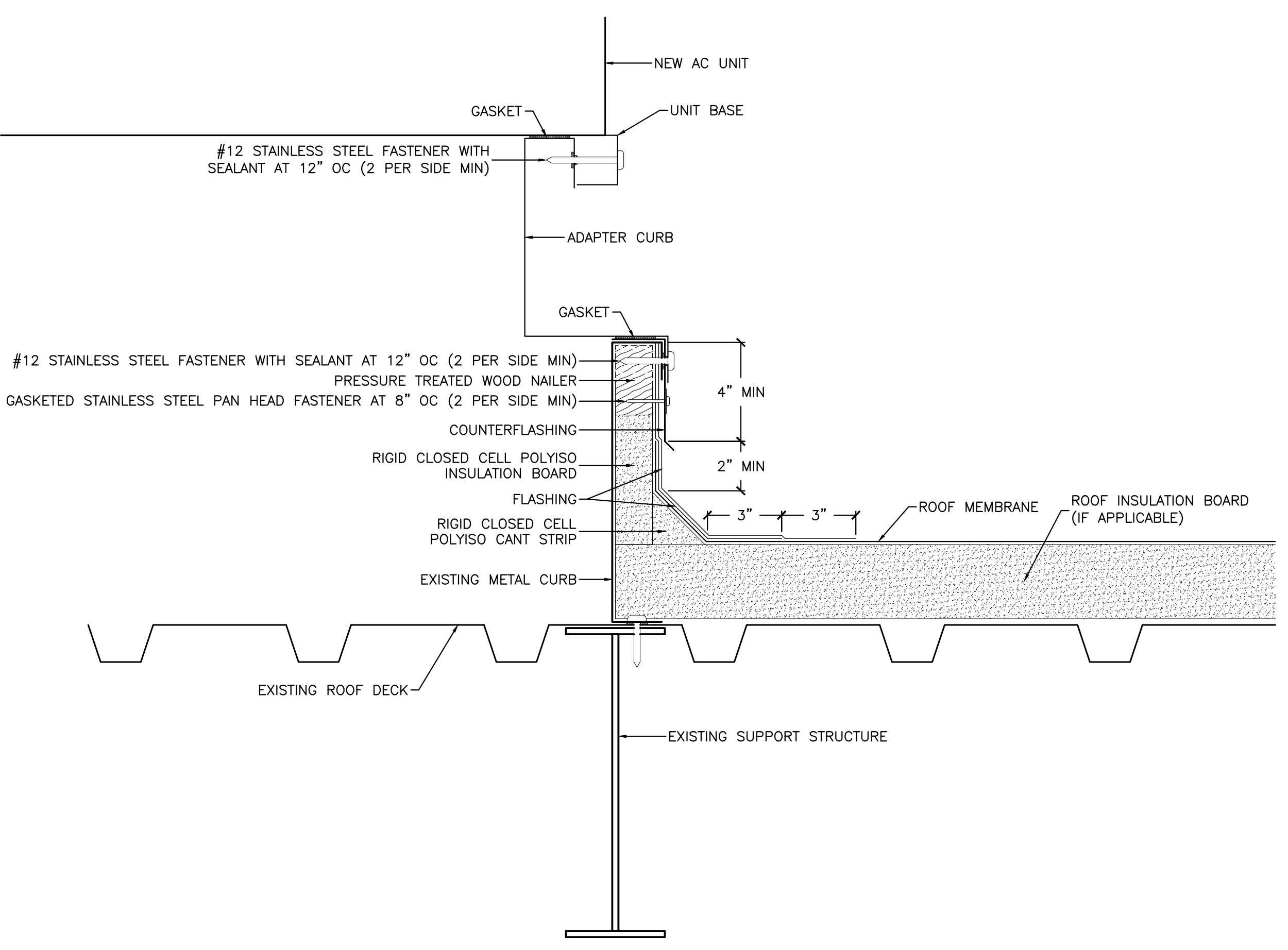
1 WALL OPENING DETAIL
 SCALE: NTS



2 WALL SECTION AND ELEVATION
 SCALE: NTS

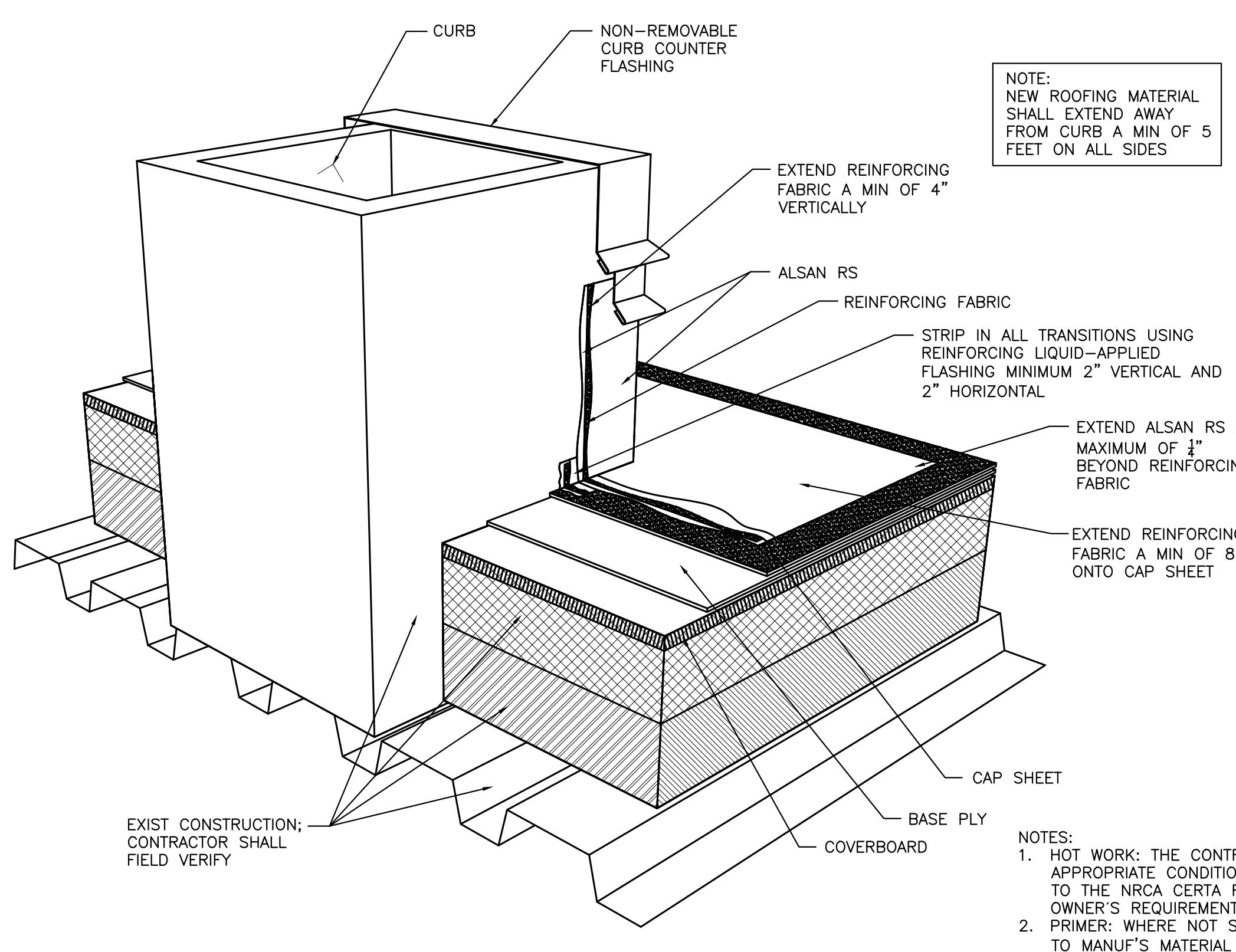


3 TYPICAL CURB DETAIL
 SCALE: NTS

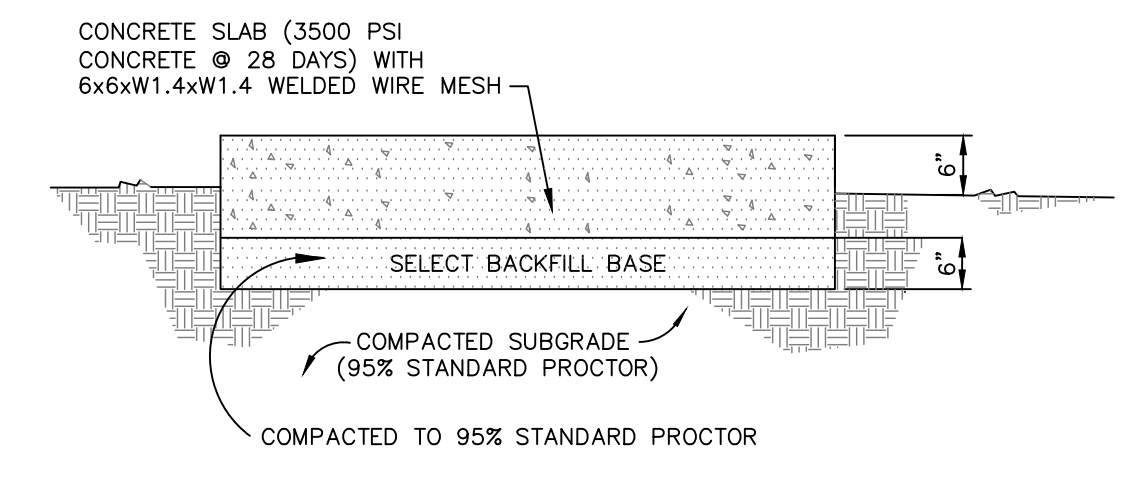


- NOTE:
- THE CONSTRUCTION SHOWN REPRESENTS THE MINIMUM REQUIREMENTS FOR THIS PROJECT. IT IS NOT A SUBSTITUTE FOR THE ROOFING SYSTEM MANUFACTURER'S INSTALLATION STANDARDS OR THE ROOFING CONTRACTOR'S STANDARDS. ALL WORK SHALL BE FULLY COORDINATED WITH THE ROOFING CONTRACTOR AND SHALL BE PERFORMED IN A MANNER THAT WILL NOT AFFECT ANY NEW OR EXISTING ROOF WARRANTY.
 - THE AC UNIT SHALL NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED.

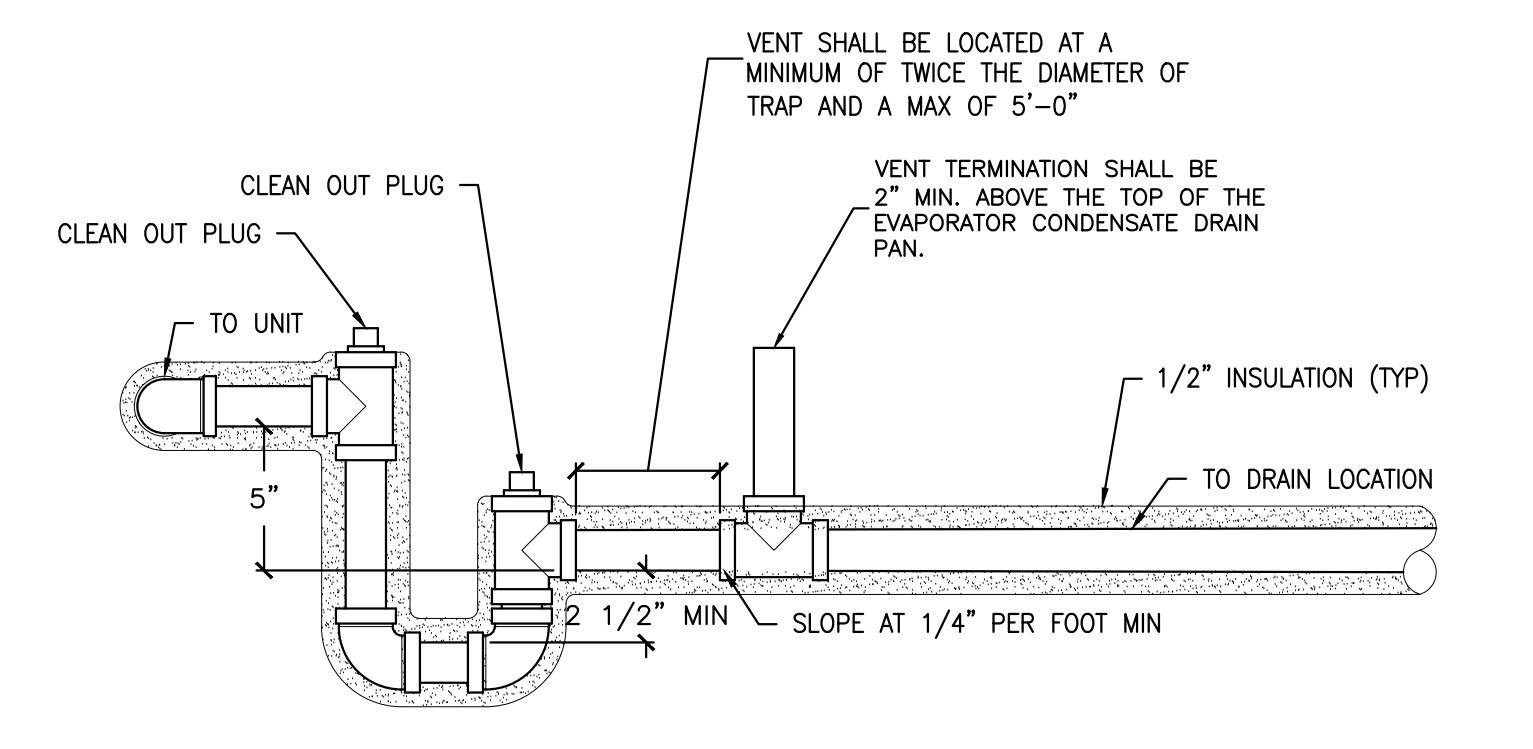
4 ADAPTER ROOF CURB DETAIL
 SCALE: NTS



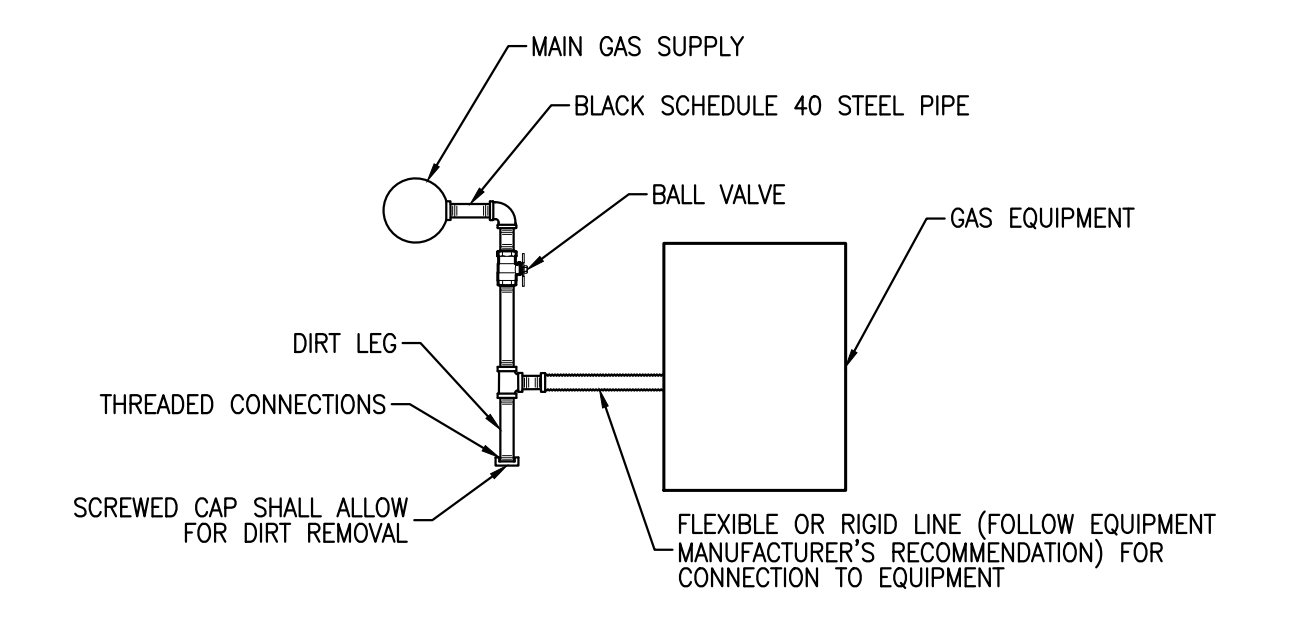
5 CURB DETAIL
 SCALE: NTS



8 CONCRETE PAD DETAIL
 NTS



6 CONDENSATE DRAIN DETAIL
 SCALE: NTS



7 GAS EQUIPMENT PIPING DETAIL
 SCALE: NTS

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VRF SCHEDULE table with columns: TAG, MAKE, MODEL, CFM, BS BOX, SPACE, ZONED WITH, COOLING TOTAL MBH, COOLING SENSIBLE MBH, EDB, EWB, HEATING MBH, V/PH, MCA, MOCP, LBS, NOTES. Includes 73 rows of equipment data and notes 1-9.

VRF CONDENSING UNIT SCHEDULE table with columns: TAG, MAKE, COMBINED MODEL, NOMINAL TONNAGE, COOLING MBH, HEATING MBH, OA TEMP (°F), V/PH, FAN FLA, FAN KW, COMPRESSOR RLA, MCA, MOCP, LBS, NOTES. Includes 16 rows of equipment data and notes 1-6.

DEDICATED OUTDOOR AIR UNIT SCHEDULE table with columns: TAG, MAKE, MODEL, CFM, BS BOX, COOLING TOTAL MBH, COOLING SENSIBLE MBH, EDB, EWB, COIL LDB, COIL LWB, HEATING MBH, V/PH, MCA, MOCP, LBS, NOTES. Includes 5 rows of equipment data and notes 1-10.

BRANCH SELECTOR SCHEDULE table with columns: TAG, MAKE, MODEL, V/PH, MCA, LBS, NOTES. Includes 16 rows of equipment data and notes 1-3.

CEILING EXHAUST FAN SCHEDULE table with columns: TAG, MAKE, MODEL, CFM, ESP, RPM, V/PH, AMPS, WATTS, LBS, NOTES. Includes 7 rows of equipment data and notes 1-2.

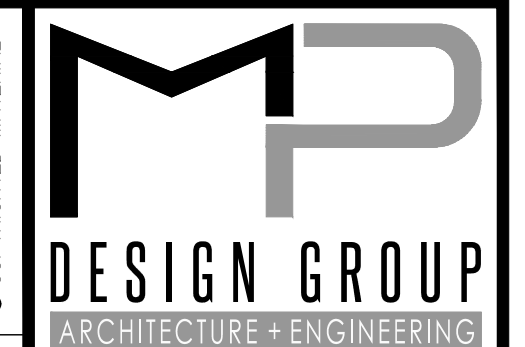
PACKAGE ROOFTOP HEAT PUMP SCHEDULE table with columns: TAG, MAKE, MODEL, TONNAGE, CFM, OA, ESP, RPM, GAS HEAT (MBH), V/PH, INDOOR FAN FLA, OUTDOOR FAN FLA, COMPRESSOR LRA, COMPRESSOR RLA, MCA, MOCP, LBS, NOTES. Includes 8 rows of equipment data and notes 1-16.

MP DESIGN GROUP ARCHITECTURE + ENGINEERING logo and contact information: 918 Howard Ave Suite F, Blount, Mississippi 39530, P: 228.388.1930, www.mpdesigngroup.us

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES SCOTT COUNTY SCHOOL DISTRICT logo and address: 110 COMMERCE LOOP FOREST, MS 39074

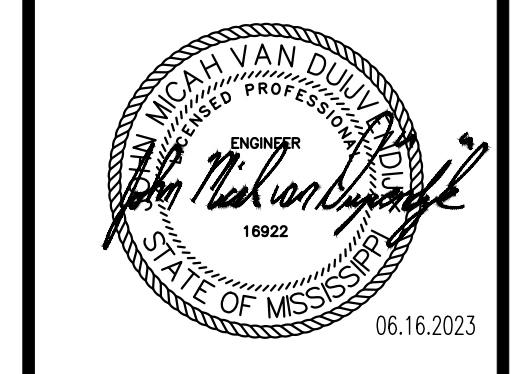
SEBASTOPOL ATTENDANCE CENTER MECHANICAL SCHEDULES title block with revision table, scale (1"=1'-0"), and verification scales.

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE:
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 CHECKED BY: JMV

SEBASTOPOL ATTENDANCE CENTER
MECHANICAL SCHEDULES

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FAN COIL SCHEDULE														
TAG	MAKE	MODEL	CFM	OA	ESP	RPM	AUX. HEAT (KW)	V/PH	FAN FLA	HEATER FLA	MCA	MOCF	LBS	NOTES
FC-1	DAIKIN	DAX0903A	3000	N/A	.7	1020	30	240/3	6.90	N/A	95.4	100	430	1,2,3,4,5,6,7,12,13
FC-2	DAIKIN	DAX0903A	3000	N/A	.7	1020	30	240/3	6.90	N/A	95.4	100	430	1,2,3,4,5,6,7,12,13
FC-3	DAIKIN	FTX36NMVJU	915	N/A	N/A	N/A	N/A	240/1	0.37	N/A	N/A	N/A	38	5,9,10,11,12,13
FC-4	DAIKIN	FTXS24LVJU	643	N/A	N/A	N/A	N/A	240/1	.37	N/A	N/A	N/A	31	5,9,10,11,12,13
FC-5	DAIKIN	FTXS24LVJU	643	N/A	N/A	N/A	N/A	240/1	.37	N/A	N/A	N/A	31	5,9,10,11,12,13
FC-6	DAIKIN	DFVE060	1640	N/A	.7	N/A	5	240/1	5.2	20	31.5	35	170	1,2,3,4,5,6,12,13
FC-7	DAIKIN	DFVE060	1640	N/A	.7	N/A	5	240/1	5.2	20	31.5	35	170	1,2,3,4,5,6,12,13
FC-8	DAIKIN	DFVE36	1260	N/A	.7	N/A	5	208/1	5.2	17.3	28	30	140	1,2,3,4,5,6,12,13
FC-9	DAIKIN	DFVE48	1380	N/A	.7	N/A	5	208/1	5.2	17.3	28	30	150	1,2,3,4,5,6,12,13
FC-10	DAIKIN	DFVE36	1260	N/A	.7	N/A	5	208/1	5.2	17.3	28	30	140	1,2,3,4,5,6,12,13
FC-11	DAIKIN	DFVE36	1260	N/A	.7	N/A	5	208/1	5.2	17.3	28	30	140	1,2,3,4,5,6,12,13
FC-12	DAIKIN	DFVE48	1380	N/A	.7	N/A	5	208/1	5.2	17.3	28	30	150	1,2,3,4,5,6,12,13
FC-13	DAIKIN	DFVE60	1640	N/A	.7	N/A	5	208/1	5.2	17.3	28	30	170	1,2,3,4,5,6,12,13
FC-14	DAIKIN	DFVE60	1640	N/A	.7	N/A	5	208/1	5.2	17.3	28	30	170	1,2,3,4,5,6,12,13
FC-15	DAIKIN	DFVE60	1640	N/A	.7	N/A	5	208/1	5.2	17.3	28	30	170	1,2,3,4,5,6,12,13
FC-16	DAIKIN	DFVE60	1640	N/A	.7	N/A	5	240/1	5.2	17.3	28	30	170	1,2,3,4,5,6,12,13

1 WITH CONDENSATE OVERFLOW SWITCH

3 WITH THERMAL EXPANSION VALVE

5 WITH PLASMA GENERATORS

7 WITH 30KW HEATER KIT AHKD30-3A

9 WITH WALL MOUNTING PLATE

11 LOW VOLTAGE POWER TO UNIT FROM OUTSIDE UNIT BY MC

13 WITH BACNET

2 VERTICAL CONFIGURATION

4 WITH SINGLE POINT ELECTRICAL CONNECTION

6 MOUNT ON NIS VIBRATION ISOLATION

8 NOT USED

10 WITH HARDWIRED WALL MOUNTED THERMOSTAT

12 WITH 5 YEAR WARRANTY

CONDENSING/HEATPUMP UNIT SCHEDULE															
TAG	MAKE	MODEL	NOMINAL COOLING (BTUH)	NOMINAL HEATING (BTUH)	LIQUID LINE (IN)	SUCTION LINE (IN)	V/PH	COMPRESSOR RLA	COMPRESSOR FLA	FAN FLA	FAN W	MCA	MFA	LBS	NOTES
HP-1	DAIKIN	DZ14XA0903A	90000	82000	5/8	1 3/8	240/3	26.90	164	7.00	N/A	40	60	355	1,2,3,4,5
HP-2	DAIKIN	DZ14XA0903A	90000	82000	5/8	1 3/8	240/3	26.90	164	7.00	N/A	40	60	355	1,2,3,4,5
HP-3	DAIKIN	RK36NMVJU	34400	N/A	1/4	5/8	240/1	18.25	N/A	0.83	123	19	20	133	1,2,3,4,5
HP-4	DAIKIN	RXS24LVJU	21500	25400	1/4	5/8	240/1	N/A	N/A	N/A	N/A	17	20	159	1,2,3,4,5
HP-5	DAIKIN	RXS24LVJU	21500	25400	1/4	5/8	240/1	N/A	N/A	N/A	N/A	17	20	159	1,2,3,4,5
HP-6	DAIKIN	DZ8VSA6010	53000	54500	3/8	1 1/8	240/1	26.9	N/A	1.63	N/A	36	40	200	1,2,3,4,5
HP-7	DAIKIN	DZ8VSA6010	53000	54500	3/8	1 1/8	240/1	26.9	N/A	1.63	N/A	36	40	200	1,2,3,4,5
HP-8	DAIKIN	SZ8VSA3610	33600	34600	3/8	7/8	208/1	16.8	N/A	2.00	N/A	23	25	137	1,2,3,4,5
HP-9	DAIKIN	SZ8VSA4810	45000	45500	3/8	1 1/8	208/1	25.5	N/A	1.63	N/A	34	35	137	1,2,3,4,5
HP-10	DAIKIN	SZ8VSA3610	33600	34600	3/8	7/8	208/1	16.8	N/A	2.00	N/A	23	25	137	1,2,3,4,5
HP-11	DAIKIN	SZ8VSA3610	33600	34600	3/8	7/8	208/1	16.8	N/A	2.00	N/A	23	25	137	1,2,3,4,5
HP-12	DAIKIN	SZ8VSA4810	45000	45500	3/8	1 1/8	208/1	25.5	N/A	1.63	N/A	34	35	137	1,2,3,4,5
HP-13	DAIKIN	DZ8VSA6010	53000	54500	3/8	1 1/8	208/1	26.9	N/A	1.63	N/A	36	40	200	1,2,3,4,5
HP-14	DAIKIN	DZ8VSA6010	53000	54500	3/8	1 1/8	208/1	26.9	N/A	1.63	N/A	36	40	200	1,2,3,4,5
HP-15	DAIKIN	DZ8VSA6010	53000	54500	3/8	1 1/8	208/1	26.9	N/A	1.63	N/A	36	40	200	1,2,3,4,5
HP-16	DAIKIN	DZ8VSA6010	53000	54500	3/8	1 1/8	240/1	26.9	N/A	1.63	N/A	36	40	200	1,2,3,4,5

1 WITH 5 YEAR WARRANTY

3 COORDINATE REFRIGERANT LINE SIZES, LENGTHS, AND ROUTING WITH MANUFACTURER

5 WITH BACNET

2 MOUNT/SECURE TO CONCRETE PAD

4 WITH LOW AMBIENT KIT

ENERGY RECOVERY VENTILATOR UNIT																														
TAG	MAKE	MODEL	SUPPLY CFM	ESP SA/RA (IN WC)	OA CFM	EXHAUST CFM	ERV (SUMMER)								SENSIBLE & LATENT EFFECTIVENESS (%)	ERV (WINTER)								V/PH	SUPPLY FAN RPM	EXHAUST FAN RPM	MCA	MOP	NOTES	
							OUTDOOR AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR			OUTDOOR AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR								
							EAT (°F) DB	EAT (°F) WB	EAT (°F) DB	EAT (°F) WB	EAT (°F) DB	EAT (°F) WB	EAT (°F) DB	EAT (°F) WB		EAT (°F) DB	EAT (°F) WB	EAT (°F) DB	EAT (°F) WB	EAT (°F) DB	EAT (°F) WB	EAT (°F) DB	EAT (°F) WB							
ERV-1	OXYGEN 8	H30N-ERV	3000	.75/.75	3000	3000	93.9	76.3	75	63	80.3	67.9	88.6	72.1	65.5	26.6	26.5	70	52.9	57.4	39.2	39.2	35.6	69.5	208/3	2538	2538	17.53	25	1,2,3,4

1 WITH FACTORY START UP AND TRAINING

3 WITH OA AND SA TEMP SENSORS

2 WITH 5 YEAR WARRANTY

4 WITH FIELD INSTALLED DAMPER AND ACTUATOR

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VRF SCHEDULE table with columns: TAG, MAKE, MODEL, CFM, BS BOX, SPACE, ZONED WITH, COOLING TOTAL MBH, COOLING SENSIBLE MBH, EDB, EWB, HEATING MBH, V/PH, MCA, MOCP, LBS, NOTES. Includes rows IDU-1 through IDU-41 and a legend at the bottom.

VRF CONDENSING UNIT SCHEDULE table with columns: TAG, MAKE, COMBINED MODEL, TONNAGE, COOLING MBH, HEATING MBH, OA TEMP (F), V/PH, FAN FLA, FAN KW, COMPRESSOR RLA, MCA, MOCP, LBS, NOTES. Includes rows ODU-1A through ODU-DOAS-2 and a legend at the bottom.

DEDICATED OUTDOOR AIR UNIT SCHEDULE table with columns: TAG, MAKE, MODEL, CFM, BS BOX, COOLING TOTAL MBH, COOLING SENSIBLE MBH, EDB, EWB, LDB, LWB, HEATING MBH, V/PH, MCA, MOCP, LBS, NOTES. Includes rows DOAS-1 through DOAS-3 and a legend at the bottom.

CEILING EXHAUST FAN SCHEDULE table with columns: TAG, MAKE, MODEL, CFM, ESP, RPM, V/PH, AMPS, WATTS, LBS, NOTES. Includes rows CEF-1 through CEF-8 and a legend at the bottom.

CONDENSING/HEATPUMP UNIT SCHEDULE table with columns: TAG, MAKE, MODEL, NOMINAL COOLING (BTUH), NOMINAL HEATING (BTUH), LIQUID LINE (IN), SUCTION LINE (IN), V/PH, COMPRESSOR RLA, COMPRESSOR FLA, FAN FLA, FAN W, MCA, MFA, LBS, NOTES. Includes rows HP-1 through HP-3 and a legend at the bottom.

FAN COIL SCHEDULE table with columns: TAG, MAKE, MODEL, CFM, OA, ESP, RPM, AUX. HEAT (KW), V/PH, FAN FLA, HEATER FLA, MCA, MOCP, LBS, NOTES. Includes rows FC-1 through FC-3 and a legend at the bottom.

PACKAGE ROOFTOP HEAT PUMP SCHEDULE (ALTERNATE 1) table with columns: TAG, MAKE, MODEL, TONNAGE, CFM, OA, ESP, RPM, GAS HEAT (MBH), V/PH, INDOOR FAN FLA, OUTDOOR FAN FLA, COMPRESSOR LRA, COMPRESSOR RLA, MCA, MOCP, LBS, NOTES. Includes rows RTU-1 through RTU-4 and a legend at the bottom.

BRANCH SELECTOR SCHEDULE table with columns: TAG, MAKE, MODEL, V/PH, MCA, LBS, NOTES. Includes rows BS-1-1 through BS-DOAS-2 and a legend at the bottom.

Right margin area containing logos for M Design Group, Lake Middle School, and Scott County School District. Includes project information, scales, and a revision table.

M611

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CHILLER SCHEDULE

TAG	MAKE	MODEL	TONNAGE	GPM	EWI (°F)	LWT (°F)	OA (°F)	EVAPORATOR PD (FT)	PUMP PD (FT)	V/PH	PUMP HP	PUMP FLA	CONDENSER FAN FLA	CONDENSER FAN LRA	COMPRESSOR RLA	EER	MCA	MOCP	LBS	NOTES
LH-CH-1	DAIKIN	AGZ055E	52.19	124.9	54	44	95	13.5	70.3	208/3	5	17	(4) 5.8	(4) 23.3	(2) 51.3 & (2) 55.8	10.58	282	300	4340	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20
<p>1 WITH UPPER AND LOWER LOUVERED GUARDS</p> <p>2 WITH HIGH AMBIENT CONTROL BOX EXHAUST FANS</p> <p>3 WITH BACnet MS/TP COMMUNICATIONS</p> <p>4 WITH GROUND FAULT PROTECTION</p> <p>5 WITH 115V CONVENIENCE OUTLET</p> <p>6 WITH THERMAL DISPERSION TYPE WATER FLOW INDICATOR</p> <p>7 WITH LEAD/LAG DUAL PUMP PACKAGE</p> <p>8 WITH 4 YEAR EXTENDED PARTS AND LABOR WARRANTY (ENTIRE UNIT)</p> <p>9 WITH NIS ISOLATION KIT</p> <p>10 WITH COMPRESSOR SOUND INSULATION</p> <p>11 WITH VFD AND LINE REACTORS LOW AMBIENT HEAD PRESSURE CONTROL</p> <p>12 WITH HOT GAS BYPASS</p> <p>13 WITH ELECTRONIC EXPANSION VALVE</p> <p>14 WITH CONTROLLER DISPLAY</p> <p>15 WITH REPLACEABLE CORE FILTER DYER</p> <p>16 WITH PUMP PACKAGE SUCTION VALVE, DISCHARGE VALVE, STRAINER, PRESSURE GAUGES, AND EXPANSION TANK</p> <p>17 WITH SINGLE POINT ELECTRICAL CONNECTION</p> <p>18 WITH EVAPORATOR INSULATION</p> <p>19 WITH SUCTION, LIQUID LINE, AND DISCHARGE SHUTOFF VALVES</p> <p>20 WITH BACNET</p>																				

PACKAGE ROOFTOP HEAT PUMP SCHEDULE

TAG	MAKE	MODEL	TONNAGE	CFM	OA	ESP	RPM	GAS HEAT (MBH)	V/PH	INDOOR FAN FLA	OUTDOOR FAN FLA	COMPRESSOR LRA	COMPRESSOR RLA	MCA	MOCP	LBS	NOTES
LH-RTU-1	DAIKIN	MPSH100	10	4000	250	.5	958	121.5	208/3	13.0	(2) 2.4	N/A	32.6	56	80	1058	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
LH-RTU-2	DAIKIN	MPSH100	10	4000	250	.5	958	121.5	208/3	13.0	(2) 2.4	N/A	32.6	56	80	1058	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
LH-RTU-3	DAIKIN	MPSH100	10	4000	250	.5	958	121.5	208/3	13.0	(2) 2.4	N/A	32.6	56	80	1058	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
LH-RTU-4	DAIKIN	MPSH100	10	4000	250	.5	958	121.5	208/3	13.0	(2) 2.4	N/A	32.6	56	80	1058	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
<p>1 WITH RETURN AIR SMOKE DETECTOR</p> <p>2 WITH ROOF CURB ADAPTER</p> <p>3 WITH NON-POWERED CONVENIENCE OUTLET</p> <p>4 WITH MOTORIZED 2-POSITION OA DAMPER</p> <p>5 WITH HINGED ACCESS PANELS</p> <p>6 WITH SINGLE POINT ELECTRICAL CONNECTION</p> <p>7 MOUNT ON EXISTING ROOF CURB</p> <p>8 WITH LOW AMBIENT CONTROL</p> <p>9 WITH WALL MOUNTED TEMPERATURE/HUMIDITY SENSOR/CONTROLLER</p> <p>10 WITH HOT GAS REHEAT</p> <p>11 WITH HAIL GUARD</p> <p>12 WITH BACNET</p> <p>13 WITH FACTORY START UP</p> <p>14 WITH PLASMA GENERATOR</p> <p>15 WITH MERV 13 FILTERS</p>																	

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

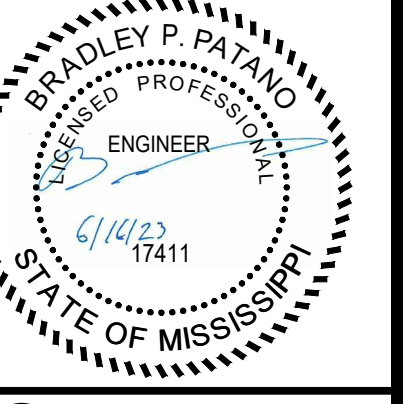
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LAKE HIGH SCHOOL
HVAC SCHEDULE

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**SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074**

SCALE: AS INDICATED
PROJECT NO: 030323.001
DRAWN BY: DLM
CHECKED BY: KDB

ELECTRICAL NOTES AND SYMBOLS

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E001

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GENERAL NOTES	
1.	EQUIPMENT SHALL BE MOUNTED ON MATERIALS SUITABLE FOR THE ENVIRONMENT WHICH IT IS INSTALLED WITH THE APPROPRIATE NEMA ENCLOSURE RATING.
2.	WORKING CLEARANCES FOR ELECTRICAL EQUIPMENT SHALL BE IN COMPLIANCE WITH NEC ARTICLE 110 AND 408.
3.	THE DEDICATED ELECTRICAL SPACE EXTENDED FROM THE FLOOR TO THE STRUCTURAL CEILING WITH THE WIDTH AN DEPTH OF THE PANEL-BOARD OR SWITCHBOARD, MUST BE CLEAR OF ALL PIPING, DUCTS, EQUIPMENT FOREIGN TO THE ELECTRICAL OR ARCHITECTURAL APPURTENANCES IN ACCORDANCE WITH THE NEC 110 & 408. COORDINATE INSTALLATION OF ELECTRICAL EQUIPMENT WITH OTHER TRADES PRIOR TO ROUGHING IN EQUIPMENT.
4.	ALL ELECTRICAL EQUIPMENT AND THE RESULTANT INSTALLATION OF SUCH EQUIPMENT, DEVICES, ETC., SHALL BE IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRIC CODE, NFPA 70, ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES AND THE STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE NFPA 70E.
5.	DRAWINGS AND SPECIFICATIONS FORM A COMPLETE SET OF DOCUMENTS FOR THE WORK IN THIS PROJECT. NEITHER IS COMPLETE WITHOUT THE OTHER. ANY ITEM MENTIONED IN ONE SHALL BE BINDING AS MENTIONED IN BOTH.
6.	CONTRACTOR SHALL TAKE RESPONSIBILITY FOR FIELD VERIFICATION OF ALL DIMENSIONS AND LOCATIONS OF EXISTING, RELOCATED AND NEW EQUIPMENT AND SHALL BE RESPONSIBLE FOR COORDINATION WITH THE WORK OF OTHER TRADES NECESSARY TO THE PROJECT.
7.	THESE DRAWINGS ARE INTENDED TO OUTLINE THE SCOPE OF WORK REQUIRED TO PROVIDE A COMPLETE AND OPERABLE PROJECT CONCLUSION. ALL MISCELLANEOUS COMPONENTS, PARTS, FASTENERS, SPLICES AND OTHER INCIDENTAL ITEMS NECESSARY TO PROVIDE A COMPLETED PROJECT SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY NOTED.
8.	CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS ARISING FROM DISCOVERED CONDITIONS AT ANY PHASE OF THE PROJECT.
9.	CONTRACTOR SHALL NOTIFY MISSISSIPPI ONE CALL TO DETERMINE THE LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
10.	AT ANY LOCATION WHERE EXCAVATION OR ASSOCIATED WORK CAUSES DAMAGE TO EXISTING UNDERGROUND UTILITIES, CONTRACTOR SHALL RESTORE THE DAMAGED SYSTEM TO LIKE-NEW STATE.
11.	ALL BRANCH CIRCUITS SHALL HAVE A SEPARATE NEUTRAL AND GROUND.
12.	ALL ABOVE GROUND EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL.
13.	LOCATIONS OF OTHER EQUIPMENT SPECIFIED BY OTHER TRADES OR PROVIDED BY OWNER ARE APPROXIMATE. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGHING IN AND ROUTING CONDUIT.
14.	SEE ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS FOR LIGHT FIXTURES IN LAY-IN OR DRYWALL CEILINGS, AND ON INTERIOR OR EXTERIOR WALLS.
15.	CONDUITS ARE NOT NECESSARILY SHOWN ON PLAN DRAWINGS FOR SAKE OF CLARITY. PROVIDE CONDUITS BETWEEN DEVICES AND TO PANELS PER REQUIREMENTS LISTED IN DIVISION 26 SPECIFICATIONS. INDICATE EXACT ROUTING OF CONDUIT ON PLAN DRAWINGS AS PART OF AS BUILT DOCUMENTATION TO BE SUBMITTED AFTER FINAL COMPLETION.
16.	FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
17.	ALL EXIT, NIGHT LIGHT, AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT AHEAD OF LOCAL SWITCH.
18.	GENERAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
19.	ELECTRICAL CONTRACTOR SHALL REVIEW MECHANICAL DRAWINGS AND SPECIFICATION TO OBTAIN LOCATIONS, WIRING REQUIREMENTS, CONTROL WIRING SCHEMES, INTERLOCK WIRING AND THERMOSTAT LOCATIONS.
20.	ALL DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO QUANTIFY THE MATERIALS SPECIFIED AND INDICATED THEIR INTENDED RELATIONSHIP TO EACH OTHER. THE DRAWINGS ARE NOT TO BE SCALED. THE VARIOUS SCALES USED ON THE DRAWINGS MAY NOT ALLOW FOR ALL FITTINGS, OFFSETS, AND ACCESSORIES THAT MAY BE REQUIRED TO COMPLETE THE WORK. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE CONDITIONS THAT WOULD AFFECT THE WORK TO BE PERFORMED AND SHALL ARRANGE SUCH WORK AS NECESSARY TO COMPLY WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.
24.	ALL OPERABLE WALL MOUNTED DEVICES (SWITCHES, PULL STATIONS, ETC.) SHALL BE INSTALLED SO THAT THE OPERABLE COMPONENT IS A MAXIMUM OF 48" AFF AND IN ACCORDANCE WITH ADA AND ABA STANDARDS.

ONE-LINE SYMBOLS	
	METER ENCLOSURE
	METER
	CIRCUIT BREAKER
	SWITCH, SINGLE POLE-SINGLE THROW
	FUSE
	FUSED SWITCH
	FUSED SWITCH
	DRY TYPE TRANSFORMER
	PANELBOARD
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	LIGHTING CONTACTOR
	GROUND FAULT MONITORING
	KIRK-KEY MECHANICAL INTER-LOCK
	GROUND SYSTEM TEST WELL WITH GROUND ROD CONNECTION
	EXOTHERMIC WELD GROUND ROD CONNECTION
	EXOTHERMIC WELD CONNECTION
	4-WAY SF ₆ SWITCH
	6-WAY SF ₆ SWITCH
	TYPICAL DUAL CIRCUIT AIR BREAK TRANSFORMER DESIGN
	TRANSFORMER STATION NUMBER BUILDING NUMBER OR LOCATION
	LOAD BREAK SF ₆ SWITCH
	MOTOR STARTER (NUMBER INDICATES NEMA SIZE)
	UNDERVOLTAGE RELAY
	VOLT METER
	AMMETER
	TRANSIENT VOLTAGE SURGE SUPPRESSION

WIRING SYMBOLS	
	WIRING (IN CONDUIT) CONCEALED IN CEILING OR WALL
	WIRING (IN CONDUIT) RUN EXPOSED
	WIRING UNDERGROUND (SITE WORK)
	TELECOMMUNICATION RACEWAY (SITE WORK)
	HOMERUN TO PANELBOARD WITH NOMENCLATURE (LETTERS), CIRCUIT NUMBERS (NUMBERS), NUMBER OF CIRCUITS (NUMBER OF ARROWS), EACH CIRCUIT TO HAVE GROUND.
	ELECTRICAL MANHOLE
	TELECOMMUNICATION MANHOLE
	GROUND CONNECTION
	SINGLE-POLE TOGGLE SWITCH.
	DOUBLE-POLE TOGGLE SWITCH.
	THREE-WAY TOGGLE SWITCH.
	SLIDE DIMMER FLUORESCENT.
	SWITCH, MOTOR RATED
	SWITCH, MOTION SENSOR
	PHOTO CELL
	CONDUIT TURNED UP
	CONDUIT STUBBED OUT
	GROUNDING CONNECTION BAR
	10' 3/4" COPPER CLAD GROUND ROD.

REFERENCE SYMBOLS	
	SPECIFIC NOTE REFERENCE.
	FEEDER REFERENCE.
	DETAIL/SECTION REFERENCE: "1" DENOTES DETAIL. "A" DENOTES SECTION "E1" DENOTES DRAWING NUMBER WHERE DETAIL/SECTION IS TAKEN "E2" DENOTES DRAWING NUMBER WHERE DETAIL/SECTION IS DRAWN

SPECIAL SYSTEMS	
	SPEAKER, CEILING MOUNT.
	FLOOR MOUNTED MICROPHONE OUTLET ACE BACKSTAGE HALF STAGE POCKET OR EQUAL.
	WALL MOUNTED VOLUME CONTROL 70 VOLT.
	MAGNETIC DOOR CONTACT. SECURITY SYSTEM
	GLASS BREAK SENSOR. SECURITY SYSTEM
	MOTION DETECTOR. SECURITY SYSTEM.
	SECURITY SYSTEM PANEL.
	KEYPAD SECURITY SYSTEM.
	OVERHEAD PROJECTOR
	BIAMP RED 1

LIGHTING SYMBOLS		
	CEILING	DESCRIPTION
	WALL	DESCRIPTION
		DESCRIPTION
		DESCRIPTION
		DESCRIPTION
		DESCRIPTION

POWER SYMBOLS				
	FLOOR	WALL	CEIL.	COUNT.

SYSTEM DEVICES			
	FLOOR	WALL	CEIL.

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**SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074**

SCALE: AS INDICATED
PROJECT NO: 030323.001
DRAWN BY: DLM
CHECKED BY: KDB

ELECTRICAL NOTES AND ABBREVIATIONS

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E002

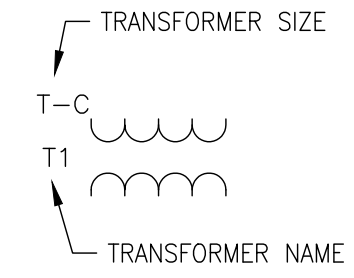
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ABBREVIATIONS			
A A AMPERE(S) A/C ALTERNATING CURRENT AFC AIR CONDITIONING AFF AMPERE FRAME AFC ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AIC AMPERES INTERRUPTING CAPACITY ALUM ALUMINUM AT AMPERE TRIP AWG AMERICAN WIRE GAGE AHU AIR HANDLING UNIT	E E.C. ELECTRICAL CONTRACTOR EEB ELECTRICAL EQUIPMENT BUILDING EF EXHAUST FAN EL ELEVATION EM EMERGENCY ESD EMERGENCY SHUTDOWN EWC ELECTRIC WATER COOLER EXIST EXISTING	K K THOUSAND KV KILOVOLT KVA KILOVOLT-AMPERES KW KILOWATT	P P PHASE PNL PANEL PR PAIR PE PHOTO ELECTRIC PRI PRIMARY PIR PASSIVE INFRARED PT POTENTIAL TRANSFORMER PVC POLYVINYL CHLORIDE PWR POWER
C C CONDUIT CB CIRCUIT BREAKER CKT CIRCUIT CL CLASS COND CONDUCTOR(S) CT CURRENT TRANSFORMER CU COPPER COMM COMMUNICATION CWP CHILLED WATER PUMP	F FC FOOT CANDLE FF FINISHED FLOOR FLA FULL LOAD AMPS FL FLUORESCENT FREQ. FREQUENCY FT. FOOT, FEET	M MCB MAIN CIRCUIT BREAKER MISC MISCELLANEOUS MLO MAIN LUGS ONLY MTD MOUNTED MH MOUNTING HEIGHT	R REC RECEPTACLE REQ'D. REQUIRED RGS RIGID GALVANIZED STEEL RM ROOM RT RAINIGHT
D DC DIRECT CURRENT DET. DETECTOR	G G GROUND GALV GALVANIZED GFI GROUND FAULT INTERRUPTER GND GROUND	N N NEUTRAL NEC NATIONAL ELECTRICAL CODE N.C. NORMALLY CLOSED N.O. NORMALLY OPEN NF NONFUSED NFA NATIONAL FIRE PROTECTION ASSOCIATION NL UN SWITCHED NIGHT LIGHT NTS NOT TO SCALE	S SEC SECONDARY SMK SMOKE SPC SINGLE POINT CONNECTION SR SUNRISE SS SUNSET STD STANDARD SUPVR SUPERVISORY SWBD SWITCHBOARD
J JB JUNCTION BOX	H HP HORSEPOWER HPS HIGH PRESSURE SODIUM HV HIGH VOLTAGE HZ HERTZ	O OC ON CENTER OL OVERLOAD CONTACT	T T TYPICAL

XFMR SCHEDULE		
SIZE	KVA	GROUNDING ELECTRODE CONDUCTOR
KT-A	T-A	15 #8, 3/4" C.
KT-B	T-B	30 #6, 3/4" C.
KT-C	T-C	45 #6, 3/4" C.
KT-D	T-D	75 #2, 3/4" C.
KT-E	T-E	112.5 1/0, 1" C.
KT-F	T-F	150 1/0, 1" C.
KT-G	T-G	225 1/0, 1" C.
KT-H	T-H	300 2/0, 1 1/4" C.
KT-I	T-I	500 3/0, 1 1/2" C.

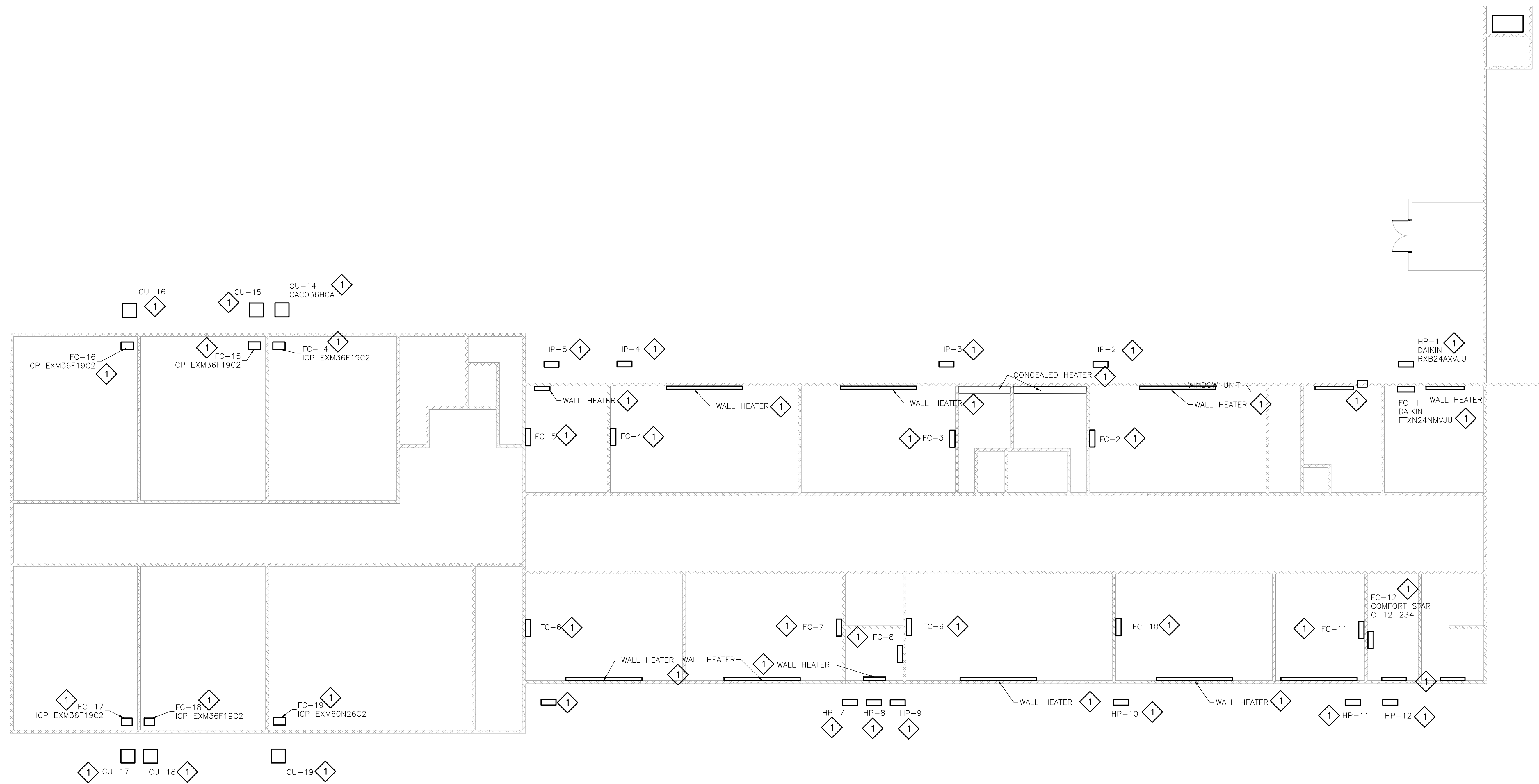


FEEDER SCHEDULE			
TYPE THHN/THWN INSUL. COPPER CONDUCTOR AMPACITY BASED ON (75° TEMP. RATING) IN RIGID METAL CONDUIT DRY INTERIOR LOCATIONS: EMT WITH CAST COMPRESSION FITTINGS WET EXTERIOR LOCATIONS: RGS WITH CAST FITTINGS UNDERGROUND INSTALLATIONS: SCHEDULE 80 PVC BASED ON 31% FILL CAPACITY			
FEEDER DESIGNATION	3PH+0 PHASE + GND. CONDUCTORS AND CONDUIT SIZE	FEEDER DESIGNATION	3PH+N+0 PHASE + NEUTRAL + GND. CONDUCTORS AND CONDUIT SIZE
(20)	3#12+12 GND., 3/4" C	(20N)	4#12+12 GND., 3/4" C
(30)	3#10+10 GND., 3/4" C	(30N)	4#10+10 GND., 3/4" C
(50)	3#8+10 GND., 1" C	(50N)	4#8+10 GND., 1" C
(65)	3#6+8 GND., 1" C	(65N)	4#6+8 GND., 1 1/4" C
(85)	3#4+8 GND., 1 1/4" C	(85N)	4#4+8 GND., 1 1/4" C
(100)	3#3+8 GND., 1 1/4" C	(100N)	4#3+8 GND., 1 1/2" C
(115)	3#2+6 GND., 1 1/2" C	(115N)	4#2+6 GND., 1 1/2" C
(130)	3#1+6 GND., 1 1/2" C	(130N)	4#1+6 GND., 2" C
(150)	3#1/0+6 GND., 2" C	(150N)	4#1/0+6 GND., 2" C
(175)	3#2/0+6 GND., 2" C	(175N)	4#2/0+6 GND., 2 1/2" C
(200)	3#3/0+6 GND., 2" C	(200N)	4#3/0+6 GND., 2 1/2" C
(230)	3#4/0+4 GND., 2 1/2" C	(230N)	4#4/0+4 GND., 3" C
(255)	3#250+4 GND., 2 1/2" C	(255N)	4#250+4 GND., 3" C
(285)	3#300+4 GND., 3" C	(285N)	4#300+4 GND., 3" C
(310)	3#350+3 GND., 3" C	(310N)	4#350+3 GND., 4" C
(335)	3#400+3 GND., 3" C	(335N)	4#400+3 GND., 4" C
(380)	3#500+3 GND., 4" C	(380N)	4#500+3 GND., 4" C
(400)	2 SETS(3#3/0+3 GND., 2" C)	(400N)	2 SETS(4#3/0+3 GND., 2 1/2" C)
(420)	3#600+2 GND., 4" C	(420N)	4#600+2 GND., 4" C
(460)	2 SETS(3#4/0+2 GND., 2" C)	(460N)	2 SETS(4#4/0+2 GND., 2 1/2" C)
(510)	2 SETS(3#250+1 GND., 2 1/2" C)	(510N)	2 SETS(4#250+1 GND., 3" C)
(570)	2 SETS(3#300+4 GND., 2 1/2" C)	(570N)	2 SETS(4#300+4 GND., 3" C)
(620)	2 SETS(3#350+1/0 GND., 3" C)	(620N)	2 SETS(4#350+1/0 GND., 3" C)
(760)	2 SETS(3#500+1/0 GND., 3" C)	(760N)	2 SETS(4#500+1/0 GND., 4" C)
(840)	2 SETS(3#600+2/0 GND., 4" C)	(840N)	2 SETS(4#600+2/0 GND., 4" C)
(855)	3 SETS(3#300+2/0 GND., 2 1/2" C)	(855N)	3 SETS(4#300+2/0 GND., 3" C)
(1005)	3 SETS(3#400+3/0 GND., 3" C)	(1005N)	3 SETS(4#400+3/0 GND., 3" C)
(1240)	4 SETS(3#350+4/0 GND., 3" C)	(1240N)	4 SETS(4#350+4/0 GND., 4" C)
(1650)	5 SETS(3#400+250 GND., 3" C)	(1650N)	5 SETS(4#400+250 GND., 4" C)
(2010)	6 SETS(3#400+350 GND., 3" C)	(2010N)	6 SETS(4#400+350 GND., 4" C)
(2660)	7 SETS(3#500+450 GND., 4" C)	(2660N)	7 SETS(4#500+400 GND., 4" C)
(3040)	8 SETS(3#500+500 GND., 4" C)	(3040N)	8 SETS(4#500+500 GND., 4" C)
(4180)	11 SETS(3#500+700 GND., 4" C)	(4180N)	11 SETS(4#500+700 GND., 4" C)

- DEMOLITION NOTES**
- PLANS DO NOT ATTEMPT TO SHOW ALL DEMOLITION ITEMS. SOME LIGHT FIXTURES, SWITCHES/DIMMERS, EXIT LIGHTS, RECEPTACLES, TELEPHONE, DATA, MISC. OUTLETS, COMMUNICATION DEVICES (FIRE ALARM, PAGING/INTERCOM, NURSE CALL, SECURITY, ETC.) ARE SHOWN FOR INFORMATION PURPOSES AND GENERAL LAYOUT IN THESE AREAS TO BE RENOVATED. HOWEVER, THE ITEMS SHOWN ARE NOT NECESSARILY COMPLETE. ELECTRICAL CONTRACTOR (E.C.) TO FIELD VERIFY ALL DEMOLITION ITEMS AND PROVIDE REMOVAL OF ALL DEVICES ACCORDINGLY. SEE RELATED NOTES ON MAINTAINING SERVICE TO NON-DEMOLITION AREAS.
 - E.C. SHALL REMOVE ALL EXISTING LIGHT FIXTURES, SWITCHES/DIMMERS, EXIT LIGHTS, RECEPTACLES, TELEPHONE, DATA, MISC. OUTLETS, WIRING TROUGHS, DUCTS, FILM ILLUMINATORS, COMMUNICATION DEVICES (FIRE ALARM, PAGING/INTERCOM, SECURITY, ETC.) IN DEMOLITION AREAS. REMOVE CONDUIT/WIRE BACK TO PANEL(S) UNLESS RE-USED FOR NEW AND/OR RELOCATED WORKS. EXISTING RACEWAYS, CONDUITS AND CABLE DUCTS WITH ADEQUATE CAPACITY FOR NEW AND/OR EXISTING LOADS MAY BE RE-USED. SIMILARLY FOR COMMUNICATION SYSTEM CONDUIT/WIRE (REMOVE BACK TO CONTROL PANELS) IF NOT RE-USED. FIXTURES NOT INDICATED FOR RE-USE SHALL BE DELIVERED TO A LOCATION TO BE SPECIFIED BY OWNER. ALL FIXTURES UPSTREAM OR DOWNSTREAM OF DEMOLISHED FIXTURES AND ON THE SAME CIRCUITS SHALL BE RECONNECTED TO MAINTAIN SERVICE. PROVIDE NEW CONDUIT/WIRE AS REQUIRED.
 - DAMAGE TO EXISTING MATERIALS/EQUIPMENT WILL BE REPAIRED AT NO ADDITIONAL COST TO OWNER. RE-SUPPORT ANY REMAINING CONDUIT OR DEVICE THAT WERE SUPPORTED BY WALLS/MILLWORK BEING REMOVED.
 - NON-DEMOLITION AREAS: DEMOLITION WORKS SHALL NOT AFFECT AREAS NOT INCLUDED IN DEMOLITION. E.C. SHALL BE RESPONSIBLE FOR THE CONTINUITY OF ALL SERVICES (POWER, TELEPHONE, FIRE ALARM, DATA, PAGING, INTERCOM, ETC.) IN NON-DEMOLITION AREAS. ALL SERVICES SHALL BE MAINTAINED AT ALL TIMES. E.C. SHALL MAINTAIN SERVICE BY EXTENDING, RE-ROUTING AND/OR RECONNECTING ANY CIRCUITS AFFECTED BY DEMOLITION.
 - E.C. SHALL FIELD INVESTIGATE EXISTING ELECTRICAL INSTALLATION. ALL EXISTING INSTALLATION IN THE RENOVATION AREAS THAT ARE TO REMAIN BUT ARE NOT CURRENTLY IN COMPLIANCE WITH CURRENT CODES SHALL BE CORRECTED BY E.C., INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
UN-SUPPORTED CONDUIT AND JUNCTION BOXES LAYING ON TOP OF CEILING TILES, CONDUIT AND/OR JUNCTION BOXES SUPPORTED ONLY BY TIE-WIRE - RAISE AND SUPPORT CONDUIT WITH STRAP PER SPECS. PROVIDE NEW CONDUIT/WIRE AS REQUIRED.
CIRCUITS WITHOUT A SEPARATE GREEN GROUNDING WIRE - INSTALL A GREEN GROUNDING WIRE FOR EVERY RECEPTACLE OUTLET AND DEVICES. INSTALLATION OF THE GREEN GROUNDING WIRE MAY REQUIRE THE REMOVAL AND RE-INSTALLATION OF THE EXISTING WIRES. PROVIDE NEW WIRE AS REQUIRED.
FIXTURES IMPROPERLY SUPPORTED OR INADEQUATELY SUPPORTED BY DEVICE BOXES - PROVIDE PROPER SUPPORT PER N.E.C.
EMERGENCY AND NORMAL POWER CIRCUITS IN THE SAME CONDUIT - PROVIDE SEPARATION OF EMERGENCY AND NORMAL CIRCUITS AND INSTALL IN SEPARATE CONDUIT.
 - ALL EXISTING ABANDONED AND/OR UN-USED CONDUIT/WIRE, SWITCHES/STARTERS, JUNCTION BOXES, COMMUNICATION SYSTEM AND DEVICES IN PROJECT AREAS SHALL BE REMOVED BACK TO PANELS AND/OR CONTROL PANELS. ALL ITEMS DEMOLISHED BY E.C. SHALL BE REMOVED BACK TO PANELS AND/OR CONTROL PANELS.
 - SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL SCOPE OF DEMOLITION WORK.
 - ALL WORK SHALL BE DONE IN TOTAL COORDINATION WITH THE BUILDING ELECTRICAL MAINTENANCE STAFF TO AVOID ANY INTERRUPTION TO EXISTING CIRCUITS IN USE.
 - ALL OPENINGS IN PARTITIONS AND CEILING SHALL BE FIRE SEALED.
 - CONTRACTOR TO PROVIDE OSHA APPROVED TEMPORARY LIGHTING AND POWER AS REQUIRED FOR THE DURATION OF THE PROJECT.

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1 ELECTRICAL DEMO PLAN- SEBASTOPOL
 SCALE: 3/32" = 1'-0"



KEY PLAN
 NOT TO SCALE

DRAWING E011 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOUSHED EQUIPMENT.

DRAWING E011 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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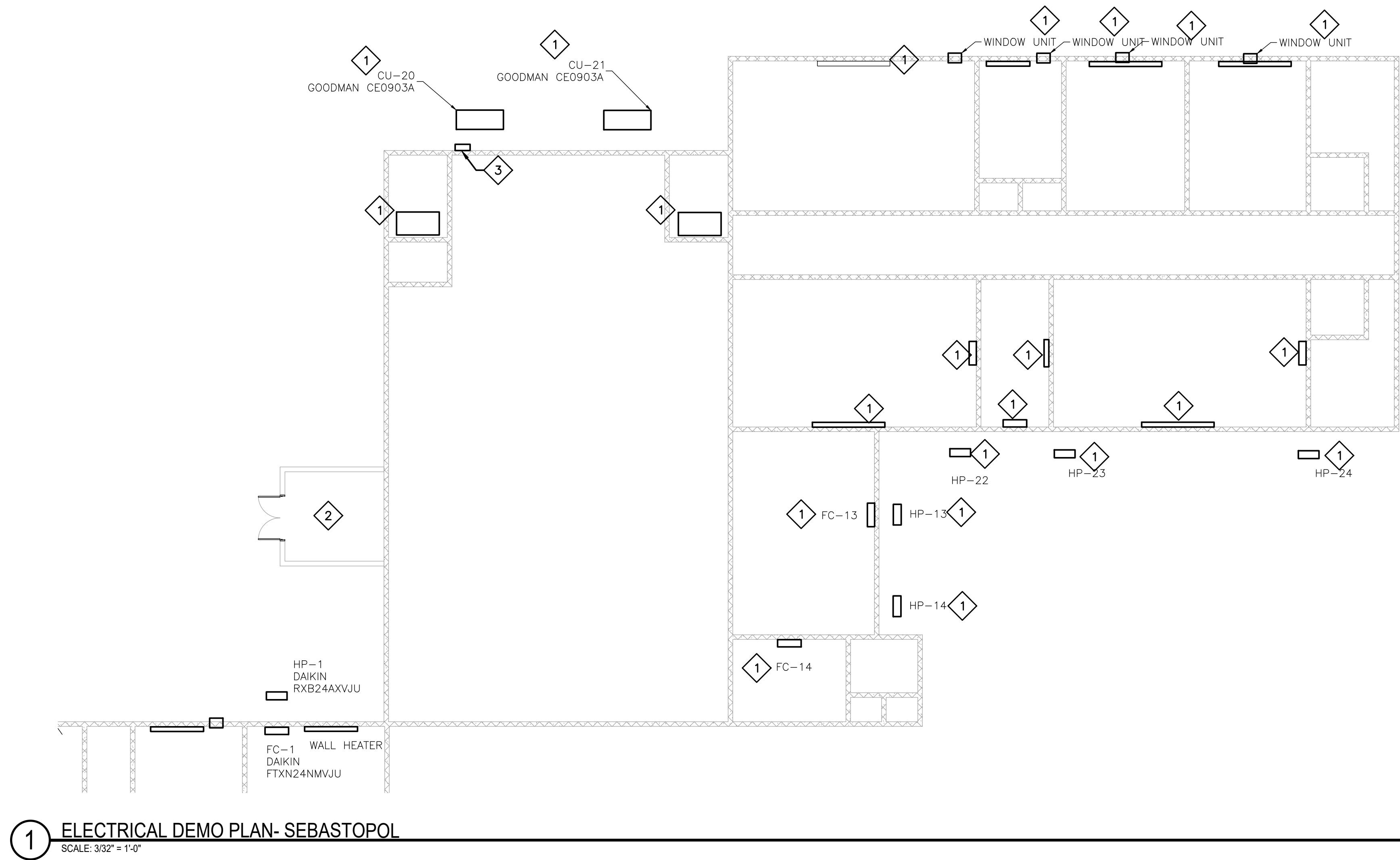
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E011

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KEY PLAN
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DRAWING E012 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOISHED EQUIPMENT.

DRAWING E012 SPECIFIC NOTES

- 1 CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
- 2 CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS FOR BOILER AND PUMPS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
- 3 CONTRACTOR SHALL DEMOLISH EXISTING PANEL BOARD. CONTRACTOR SHALL DEMOLISH FEED FROM PANEL BOARD TO TRANSFORMER BANK. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY WHEN DEMOLISHING FEED BACK TO BANK.

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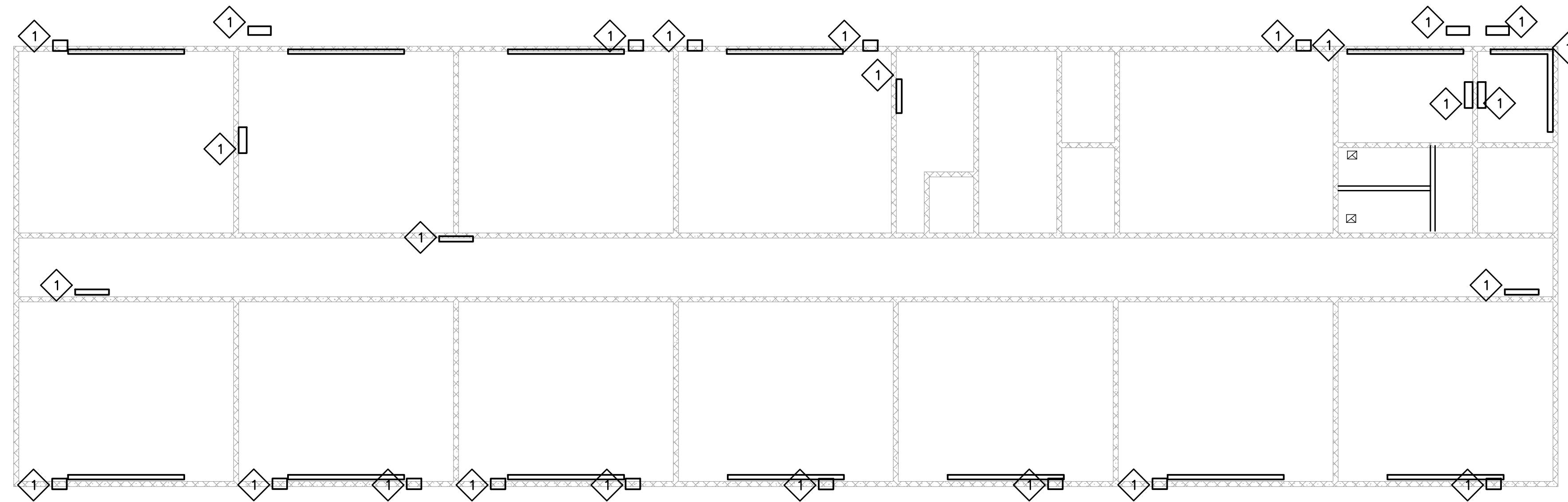
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DRAWING E013 NOTES
1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOUSHED EQUIPMENT.

DRAWING E013 SPECIFIC NOTES
1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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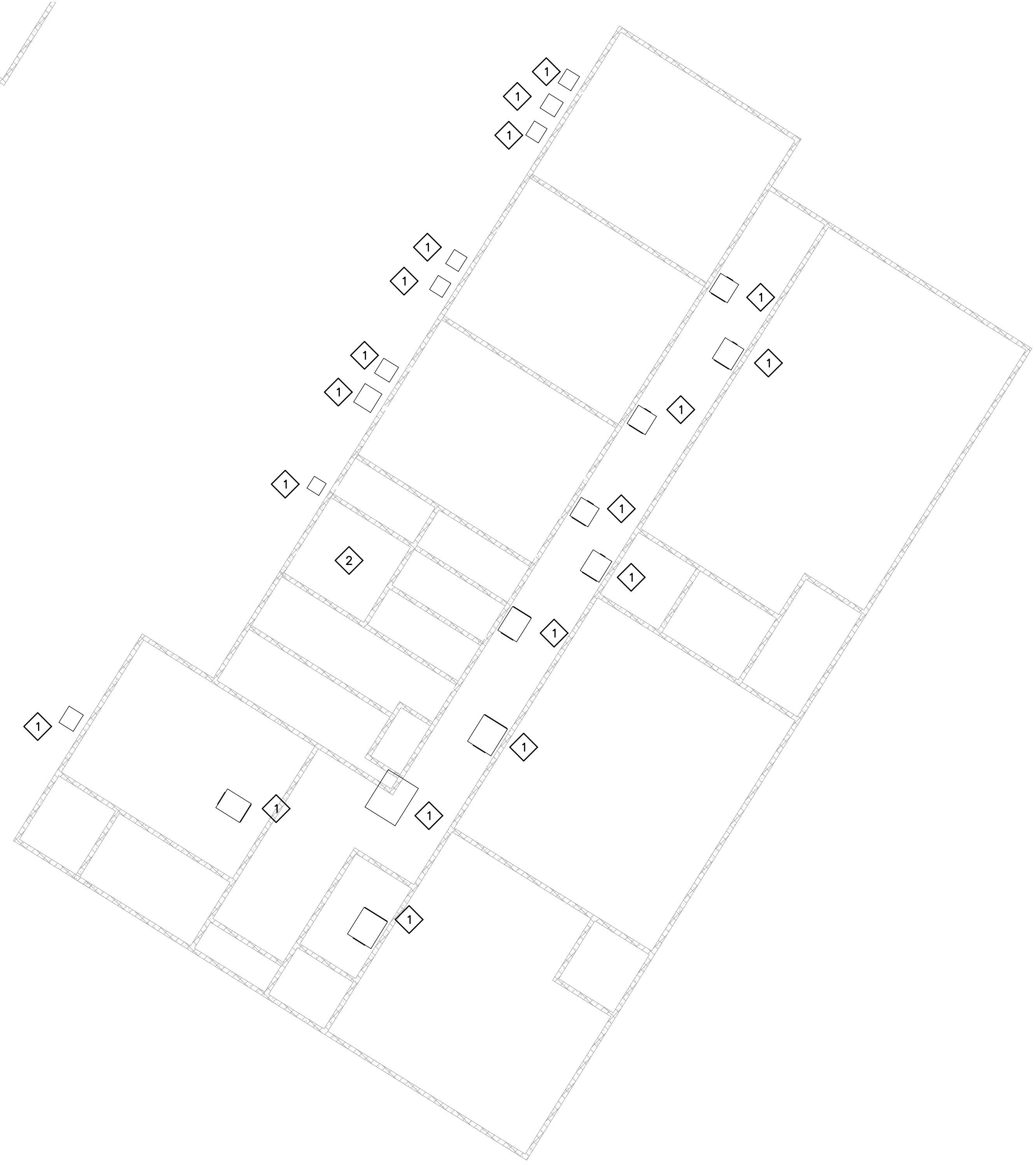
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DRAWING E014 NOTES

- CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOISHED EQUIPMENT.

DRAWING E014 SPECIFIC NOTES

- CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
- CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS FOR BOILER AND PUMPS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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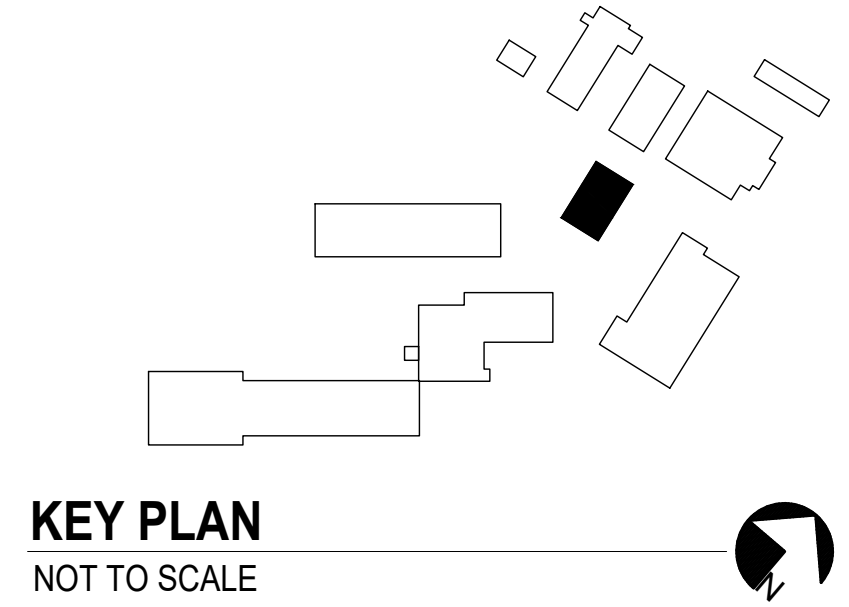
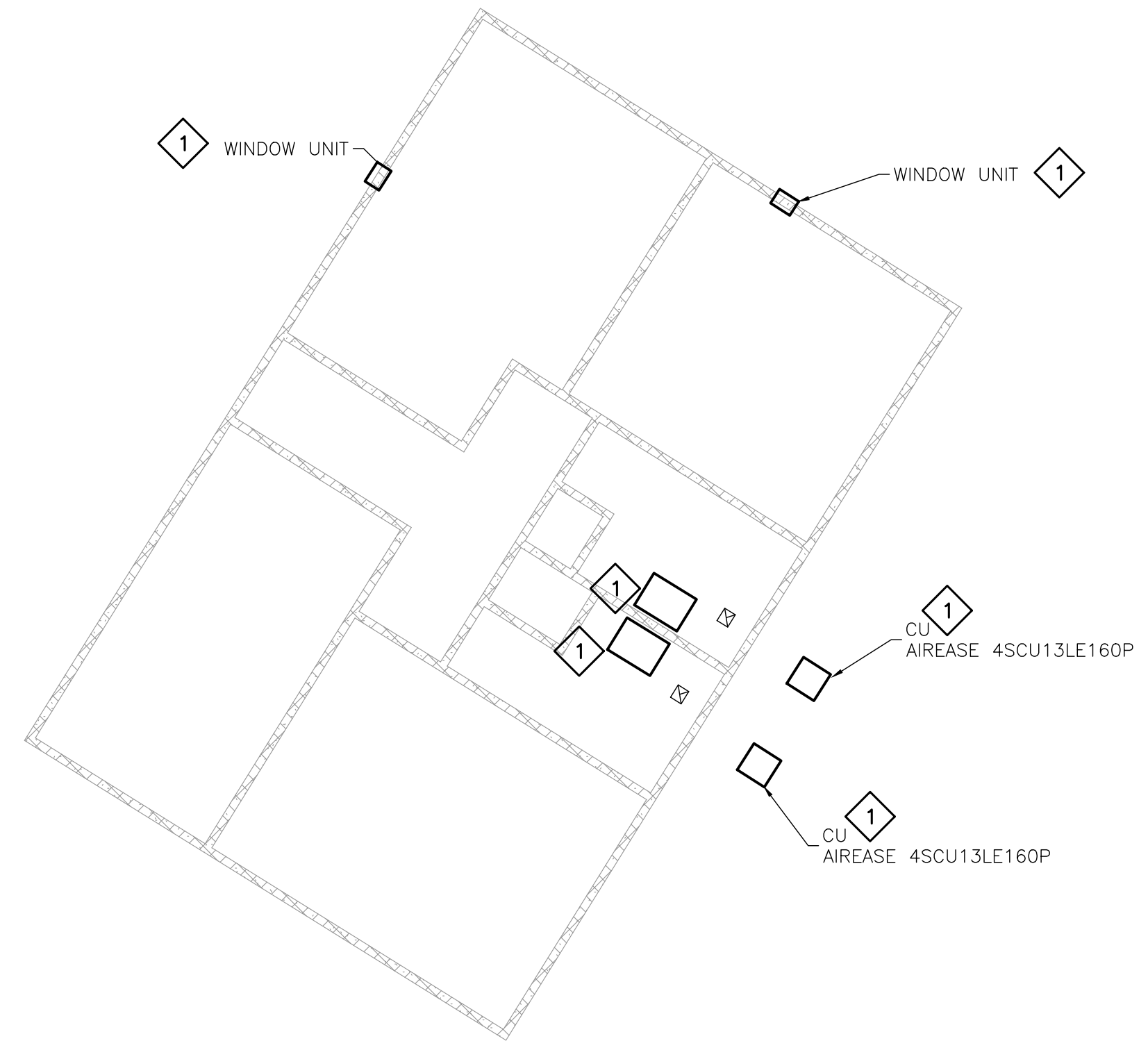
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DRAWING E015 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOUSHED EQUIPMENT.

DRAWING E015 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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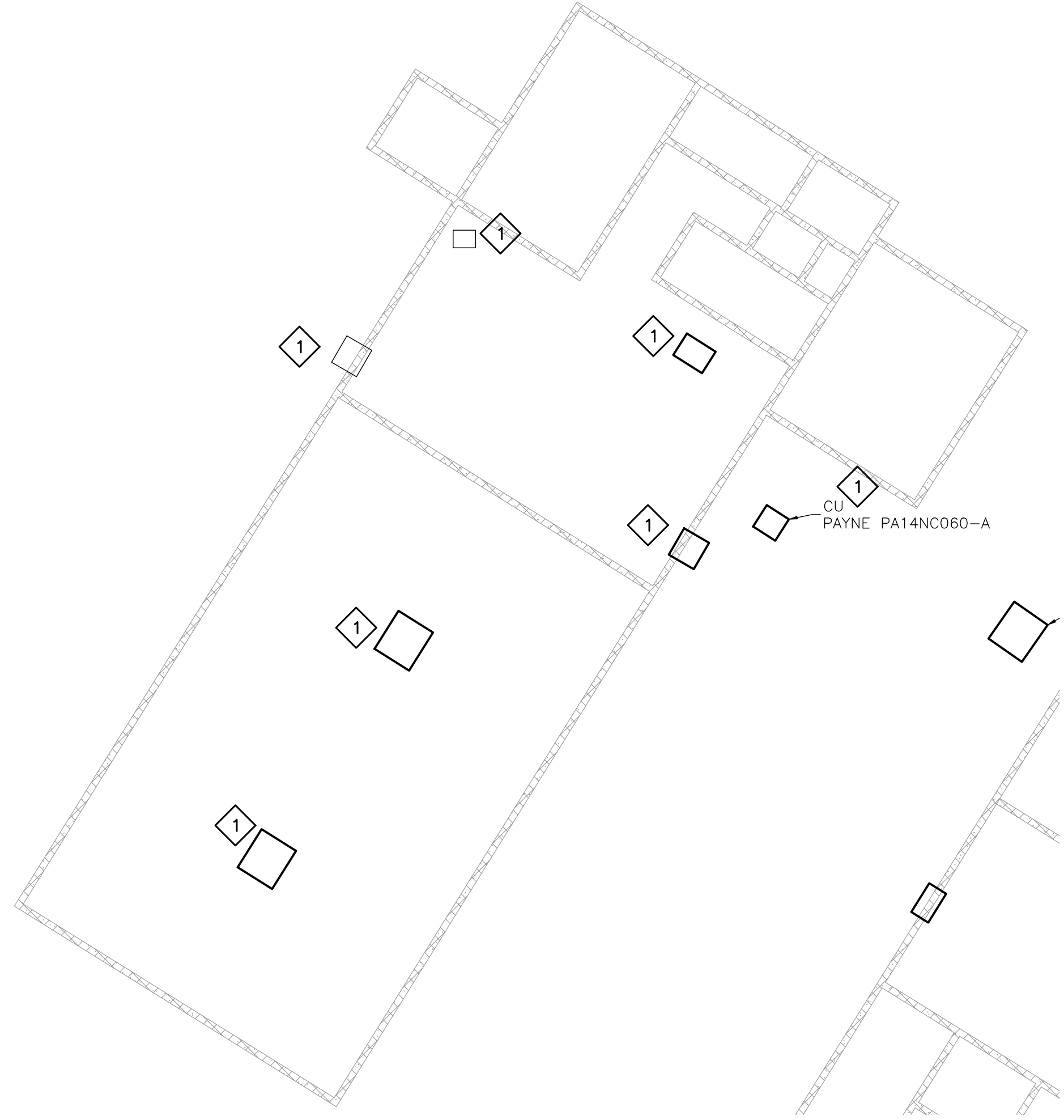
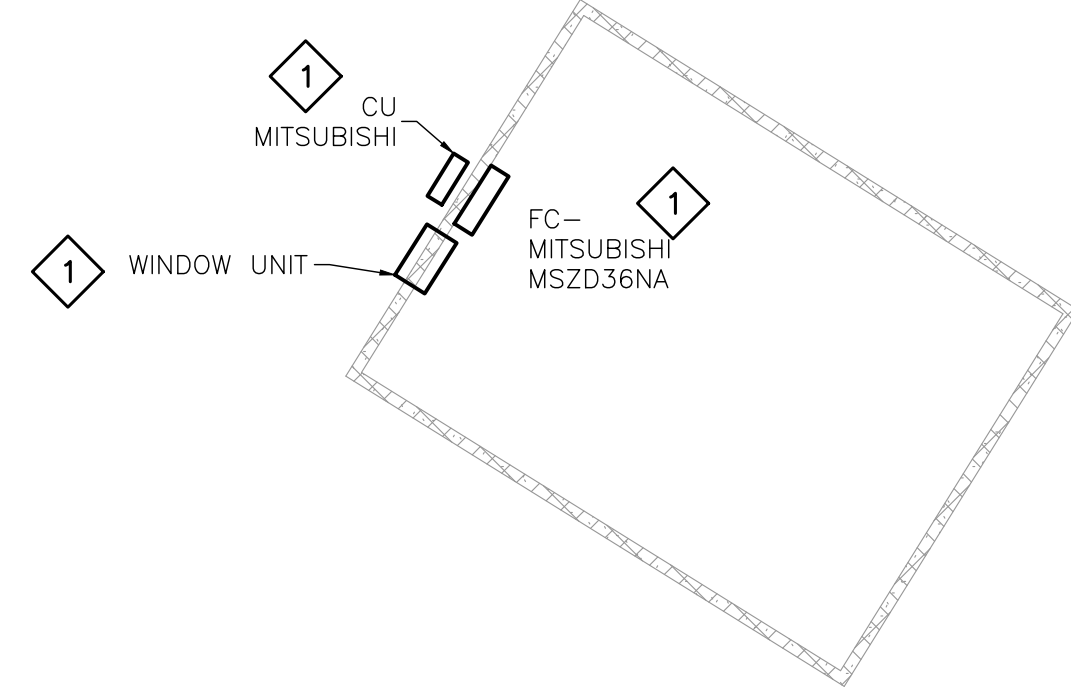
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DRAWING E016 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOUSHED EQUIPMENT.

DRAWING E016 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: AS INDICATED
 PROJECT NO: 030323.001
 DRAWN BY: DLM
 CHECKED BY: KDB

ELECTRICAL DEMO PLAN- SEBASTOPOI

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E016

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1 ELECTRICAL DEMO PLAN- SEBASTOPOL
 SCALE: 3/32" = 1'-0"



DRAWING E017 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOUSHED EQUIPMENT.

DRAWING E017 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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ELECTRICAL DEMO PLAN- SEBASTOPOL

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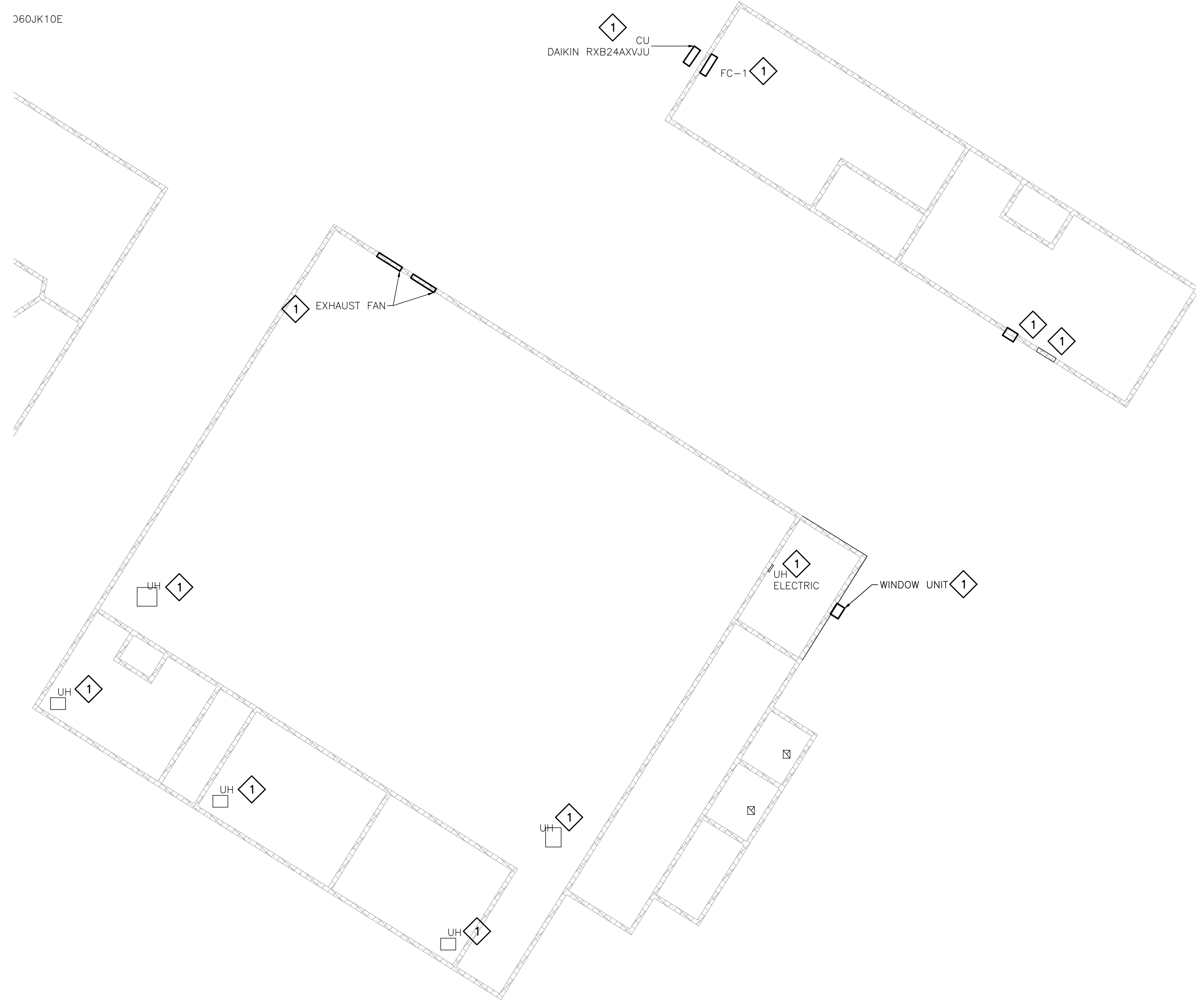
E017

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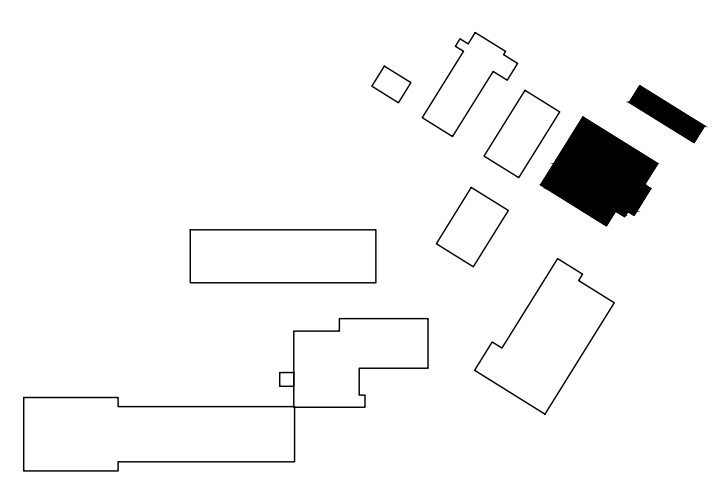
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1 ELECTRICAL DEMO PLAN- SEBASTOPOL
SCALE: 3/32" = 1'-0"



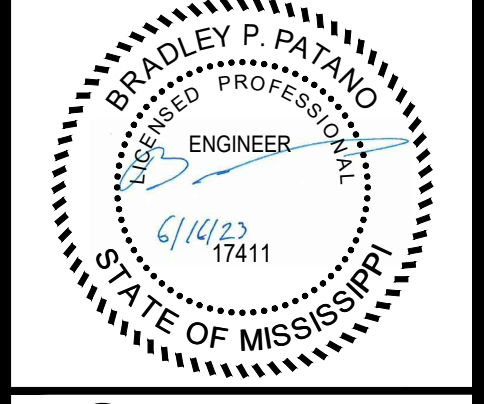
KEY PLAN
NOT TO SCALE



DRAWING E018 NOTES
1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOISHED EQUIPMENT.

DRAWING E018 SPECIFIC NOTES
1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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FOREST, MS 39074

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ELECTRICAL DEMO PLAN- SEBASTOPOL

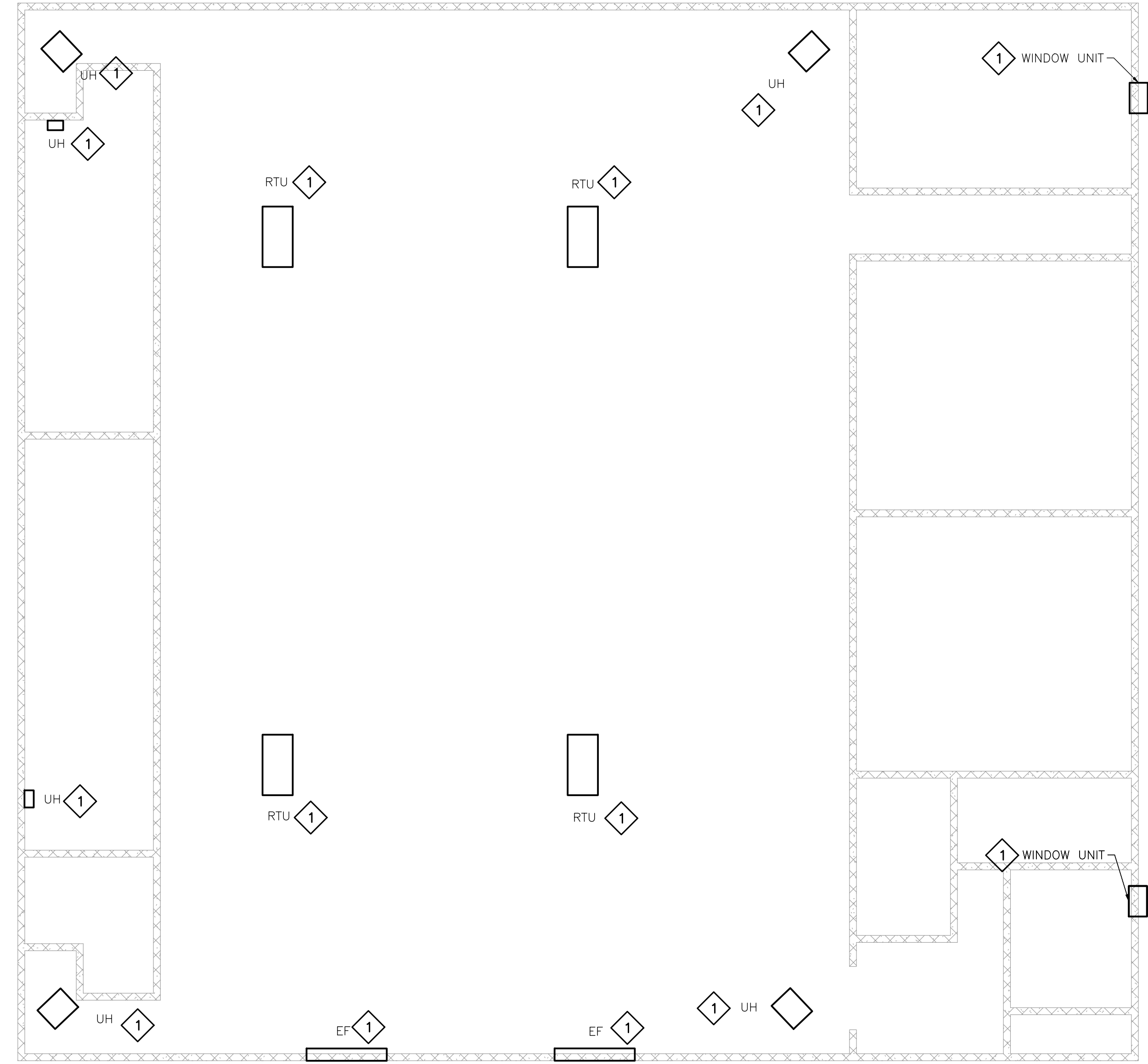
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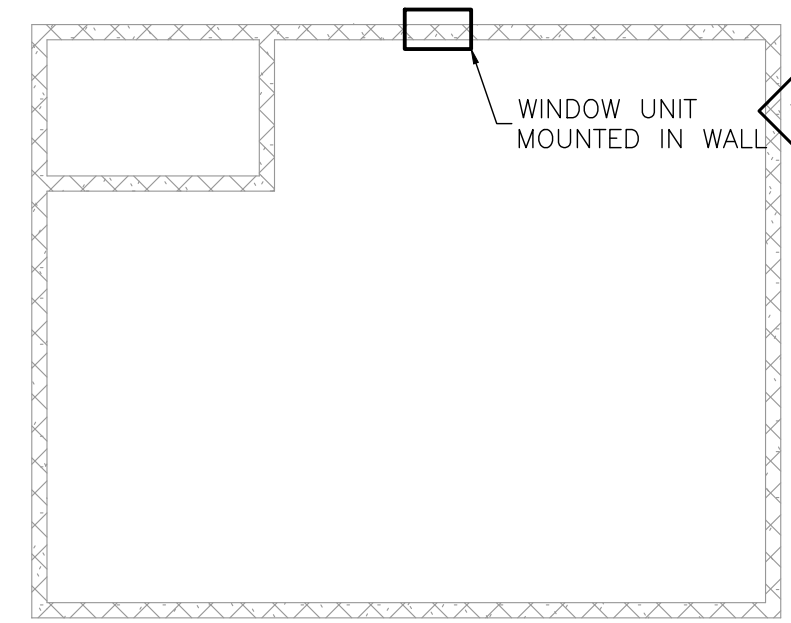
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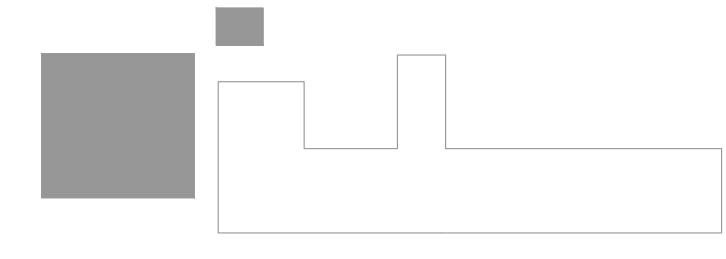
1 ELECTRICAL DEMO PLAN-LAKE MIDDLE
 SCALE: 1/8" = 1'-0"



2 ELECTRICAL DEMO PLAN-LAKE MIDDLE
 SCALE: 1/8" = 1'-0"



KEY PLAN
 NOT TO SCALE



DRAWING E019 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOISHED EQUIPMENT.
2. ALL WORK COMPLETED AT GYM SHALL BE INCLUDED IN ALTERNATE #1.

DRAWING E019 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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ELECTRICAL DEMO PLAN-
LAKE MIDDLE SCHOOL

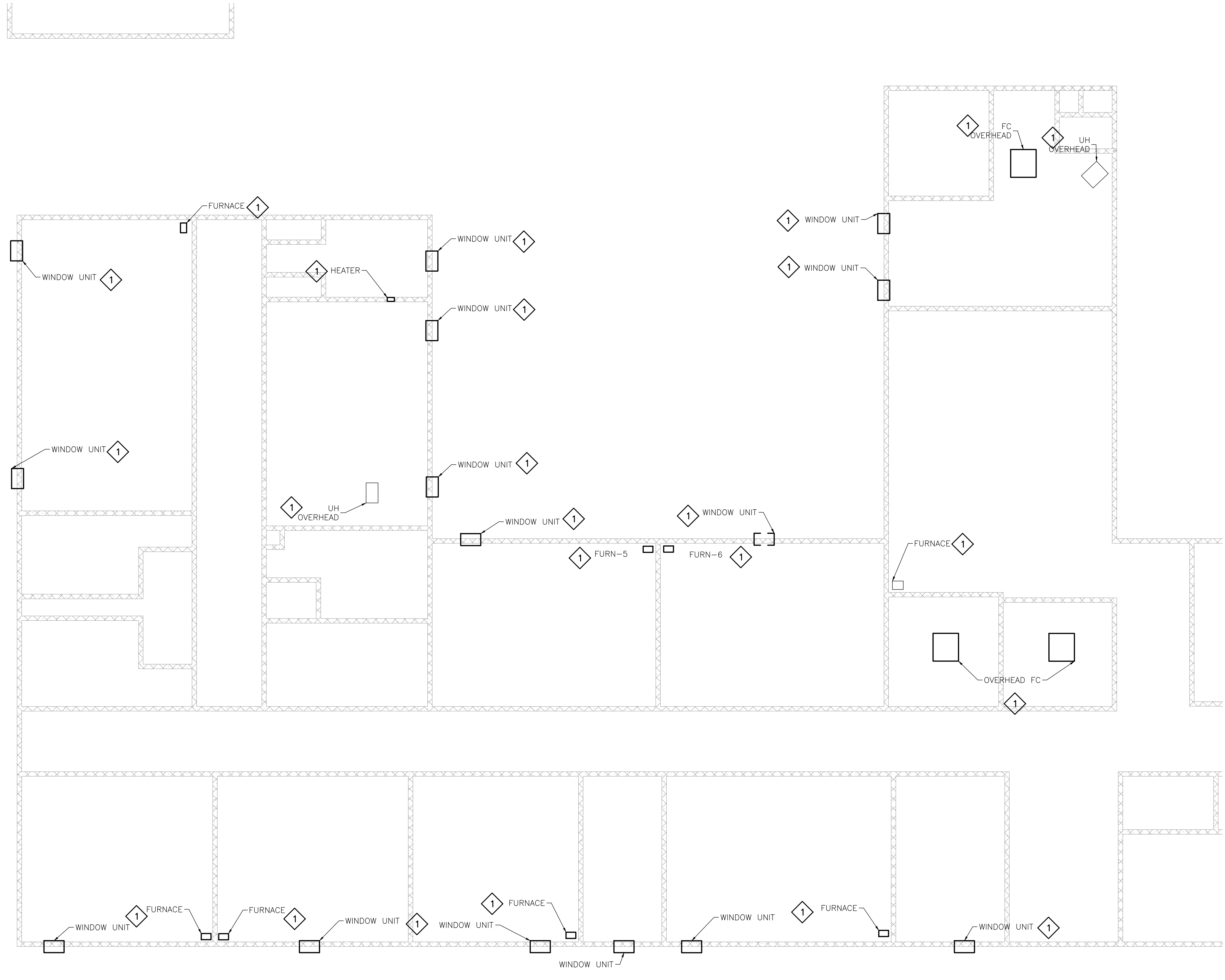
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E019

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1 ELECTRICAL DEMO PLAN-LAKE MIDDLE
 SCALE: 1/8" = 1'-0"

KEY PLAN
 NOT TO SCALE

DRAWING E020 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOISHED EQUIPMENT.

DRAWING E020 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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ELECTRICAL DEMO PLAN-
LAKE MIDDLE SCHOOL

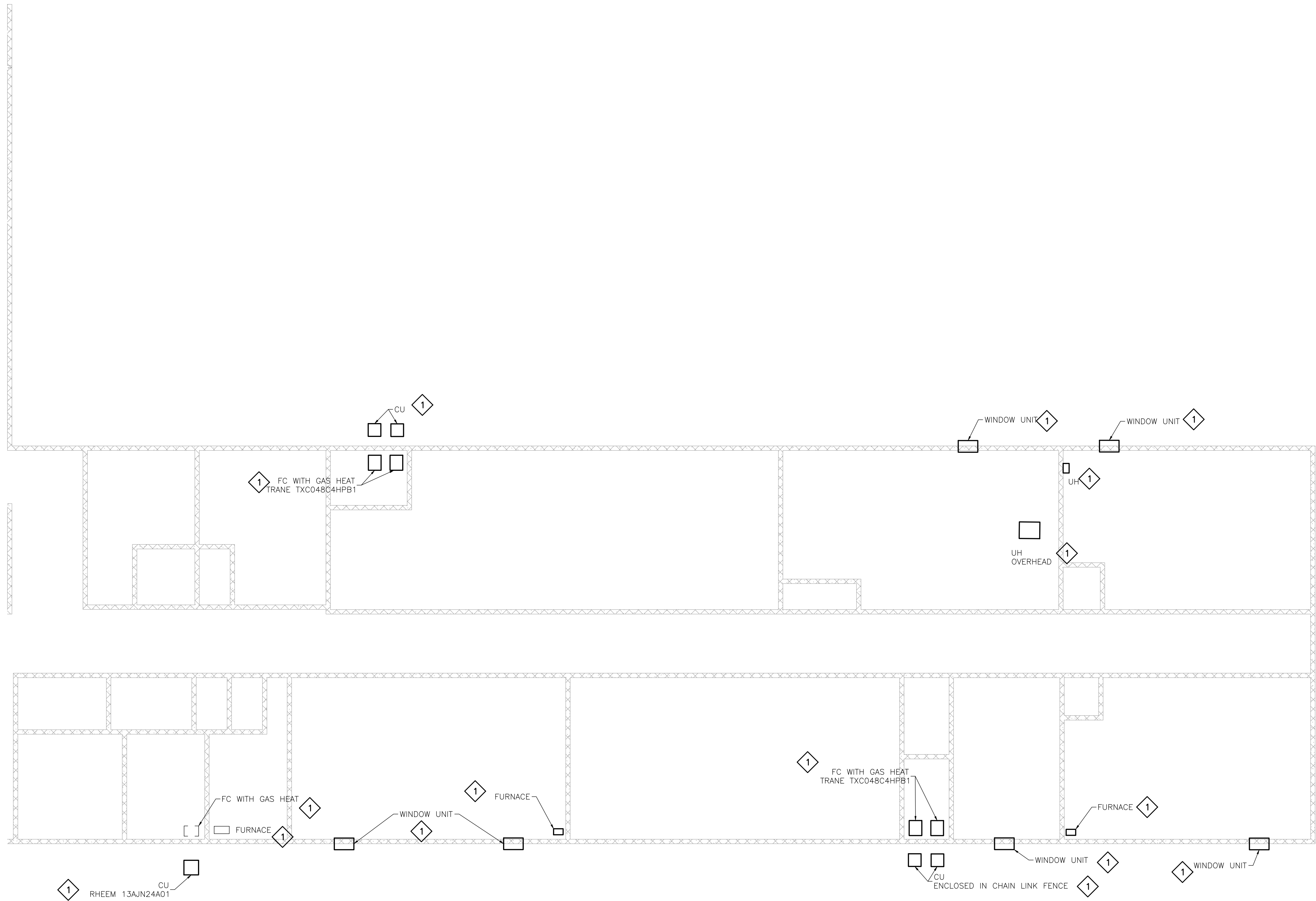
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E020

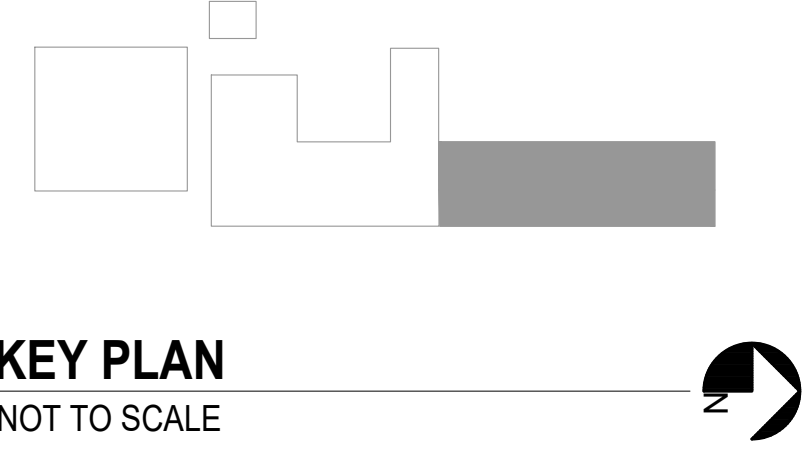
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1 ELECTRICAL DEMO PLAN-LAKE MIDDLE
 SCALE: 1/8" = 1'-0"



DRAWING E021 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOISHED EQUIPMENT.

DRAWING E021 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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ELECTRICAL DEMO PLAN-
LAKE MIDDLE SCHOOL

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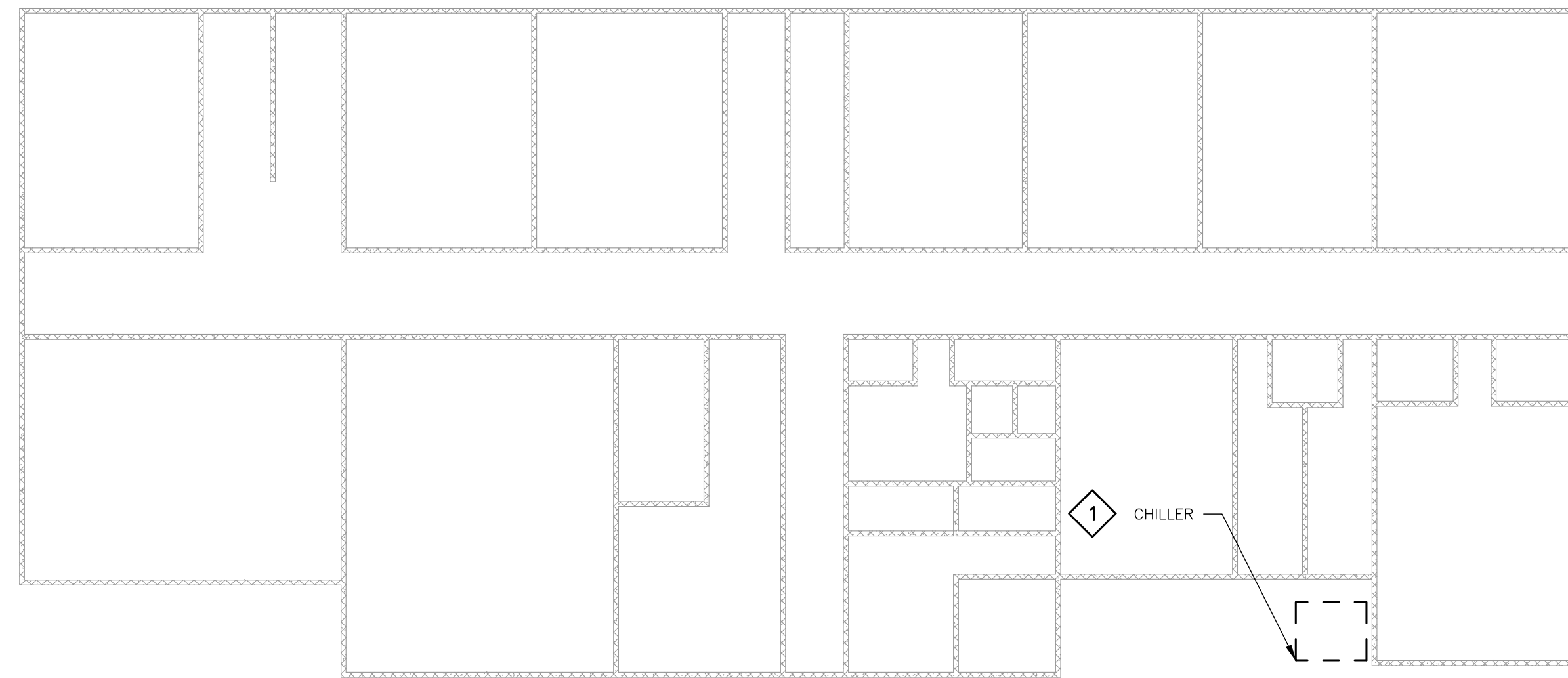
E021

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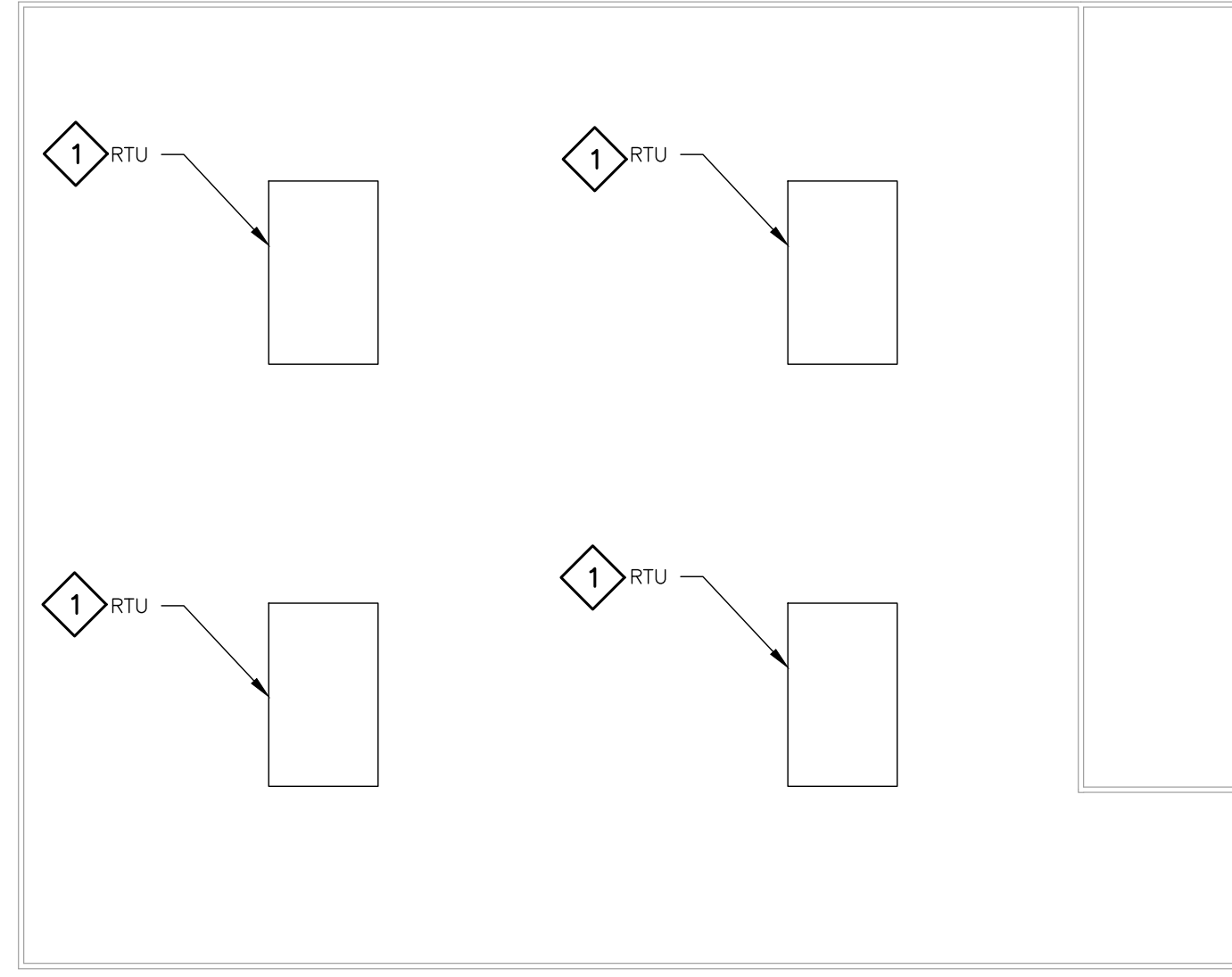
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1 ELECTRICAL DEMO PLAN-LAKE HIGH
SCALE: 1/16" = 1'-0"



LAKE HIGH SCHOOL



DRAWING E022 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOUSHED EQUIPMENT.

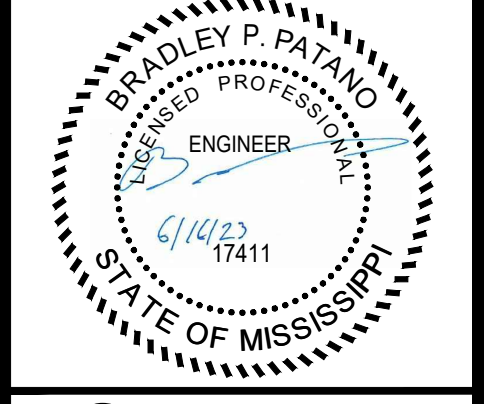
DRAWING E022 SPECIFIC NOTES

1 CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.

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FOREST, MS 39074

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ELECTRICAL DEMO PLAN-
LAKE HIGH

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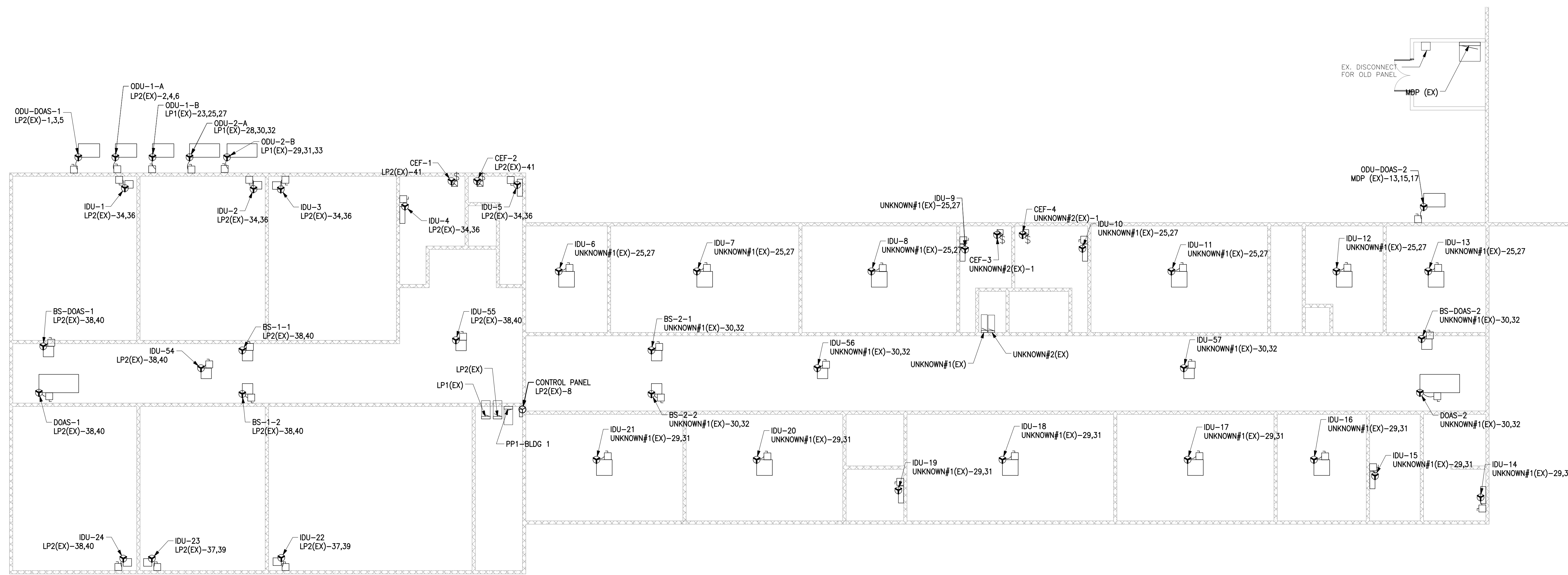
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1 MECHANICAL POWER PLAN- SEBASTOPOL
 SCALE: 3/32" = 1'-0"



KEY PLAN
 NOT TO SCALE

- DRAWING E151 NOTES**
1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
 2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
 3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
 4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
 5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
 6. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR ON INSTALLING MOTION SENSOR FOR EXHAUST FANS.
 7. CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK.

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BRADLEY P. PATANO
 PROFESSIONAL ENGINEER
 6/14/23
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 STATE OF MISSISSIPPI

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MECHANICAL POWER PLAN- SEBASTOPOL

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E151

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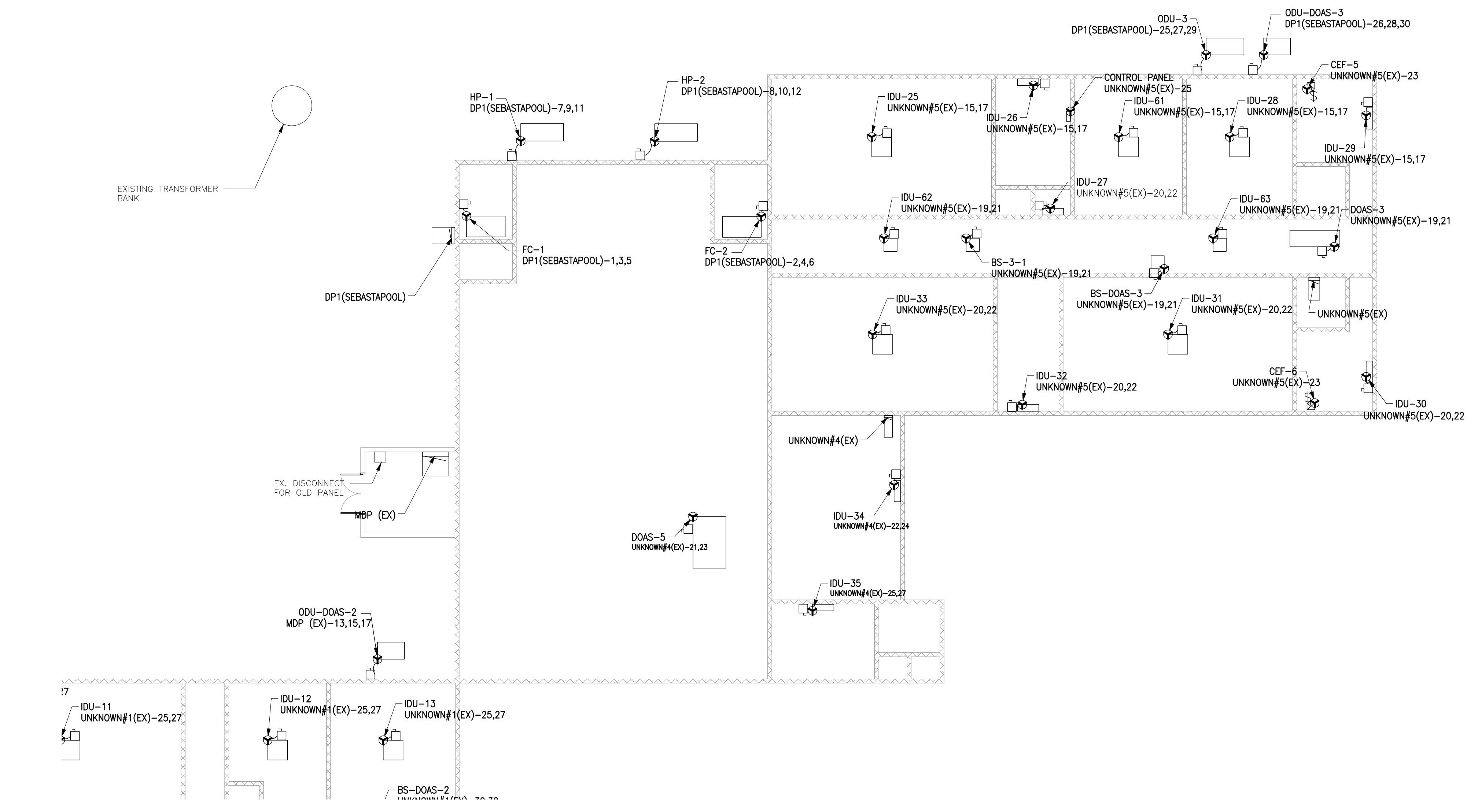
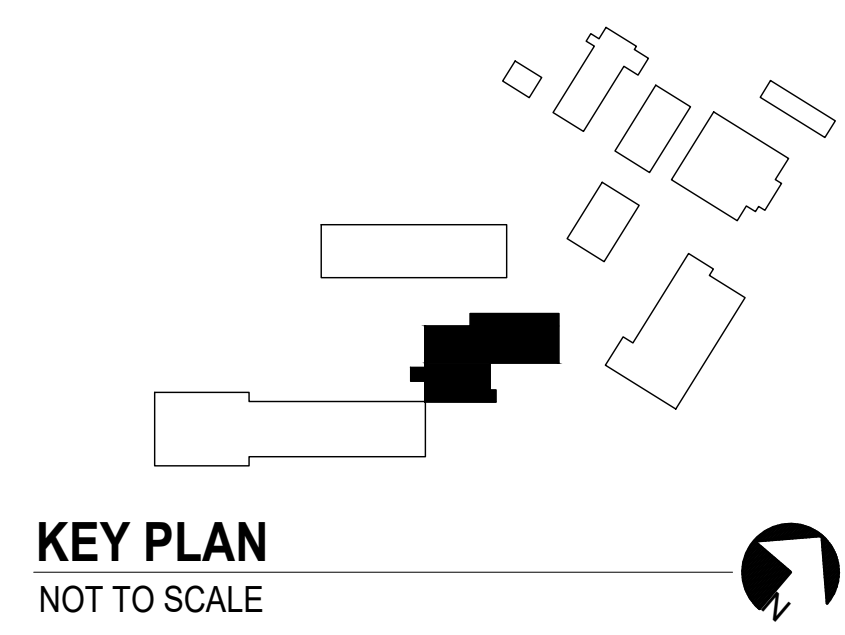
MECHANICAL POWER PLAN- SEBASTOPOOL

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E152

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- DRAWING E152 NOTES**
- ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
 - COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
 - ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
 - ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
 - CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
 - CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALLING MOTION SENSOR FOR EXHAUST FANS.
 - CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK.
- DRAWING E152 SPECIFIC NOTES**
- CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT AND FEED FROM TRANSFORMER BANK TO NEW PANEL BOARD. CONTRACTOR SHALL REFERENCE SHEET E636 FOR FEEDER SIZE.



1 MECHANICAL POWER PLAN- SEBASTOPOOL
 SCALE: 3/32" = 1'-0"

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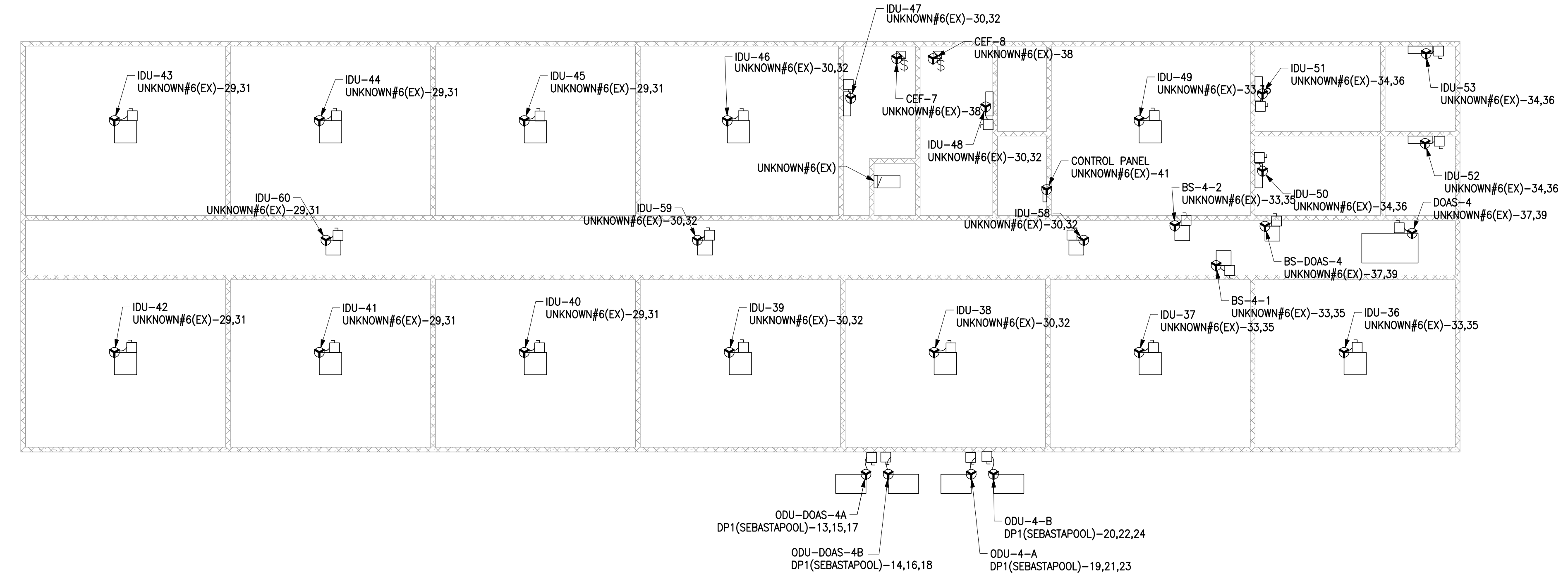
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KEY PLAN
 NOT TO SCALE



DRAWING E153 NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT WIRING REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 – INDOORS, NEMA 12/3R – OUTDOORS.
4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
6. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALL OF MOTION SENSORS FOR EXHAUST FANS.
7. CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK.



1 MECHANICAL POWER PLAN- SEBASTOPOOL
 SCALE: 3/32" = 1'-0"

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: AS INDICATED
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MECHANICAL POWER PLAN- SEBASTOPOOL

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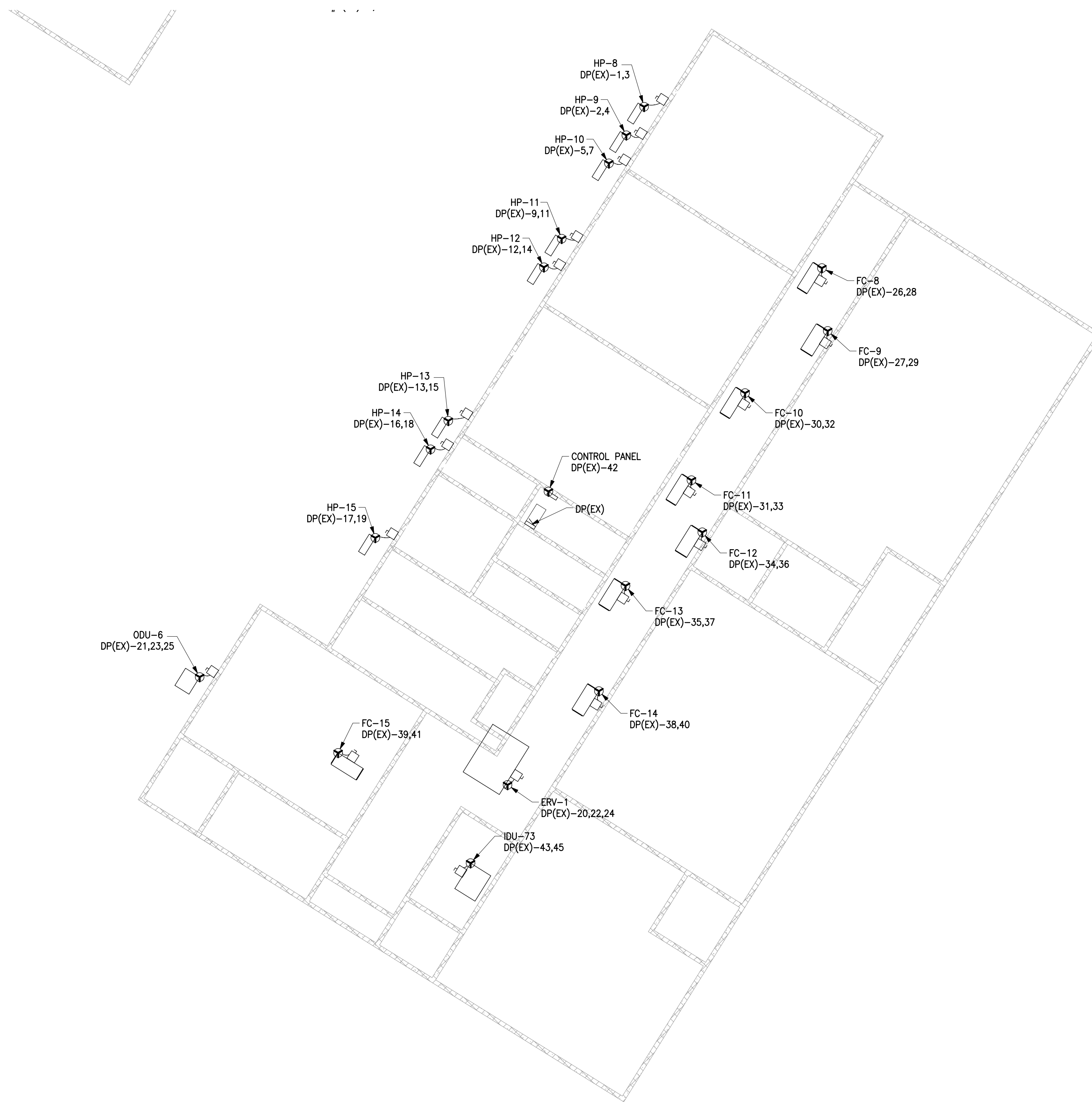
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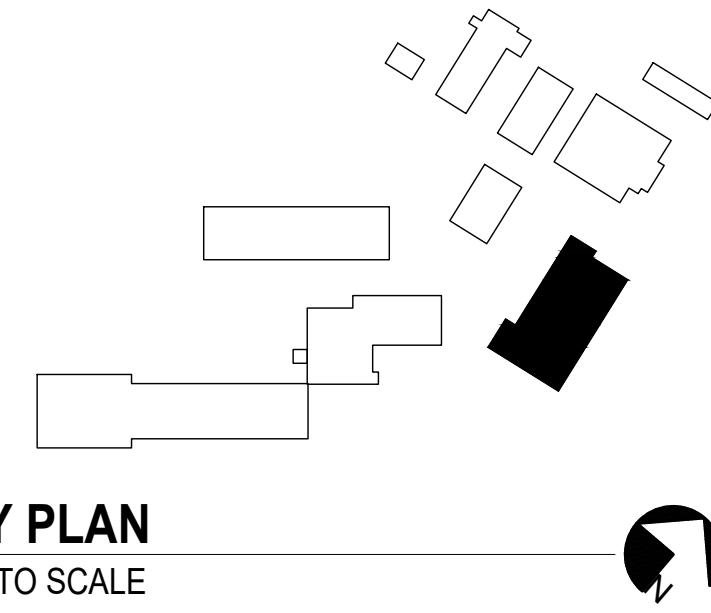
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1 MECHANICAL POWER PLAN- SEBASTOPOI
 SCALE: 3/32" = 1'-0"



KEY PLAN
 NOT TO SCALE



DRAWING E154 NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
6. CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK.

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**MECHANICAL POWER PLAN-
 SEBASTOPOI**

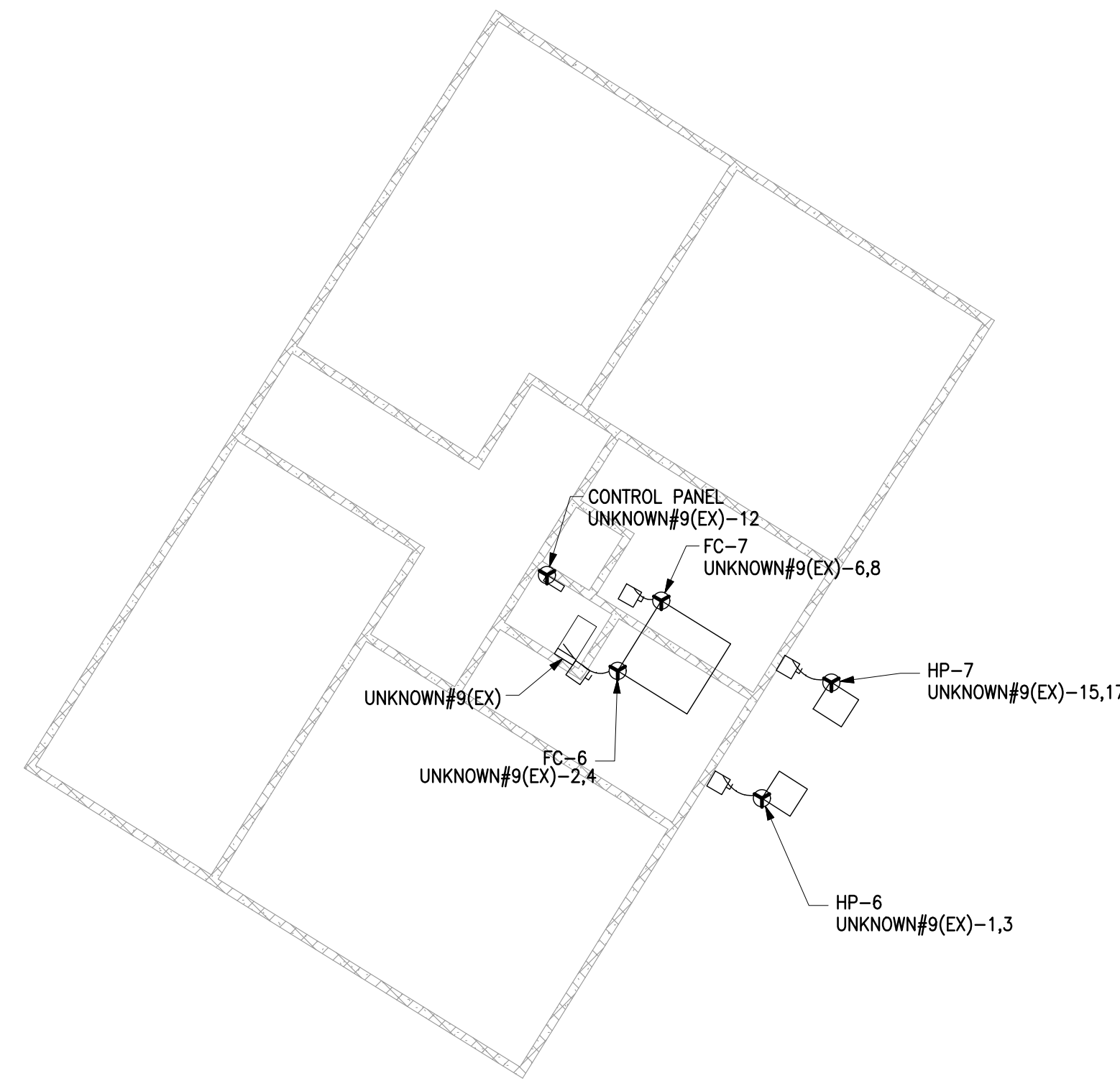
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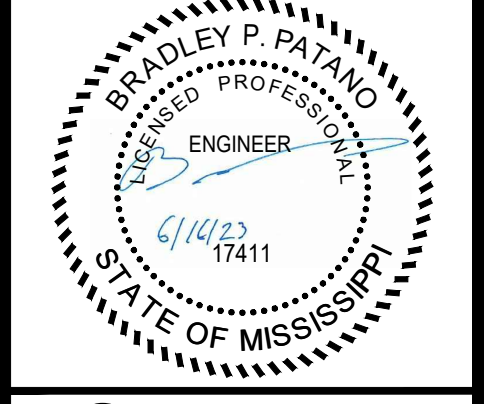


- DRAWING E155 NOTES**
1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
 2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
 3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 – INDOORS, NEMA 12/3R – OUTDOORS.
 4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
 5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
 6. CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK.

1 MECHANICAL POWER PLAN- SEBASTOPOL
SCALE: 3/32" = 1'-0"

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SCOTT COUNTY SCHOOL DISTRICT
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MECHANICAL POWER PLAN-
SEBASTOPOL

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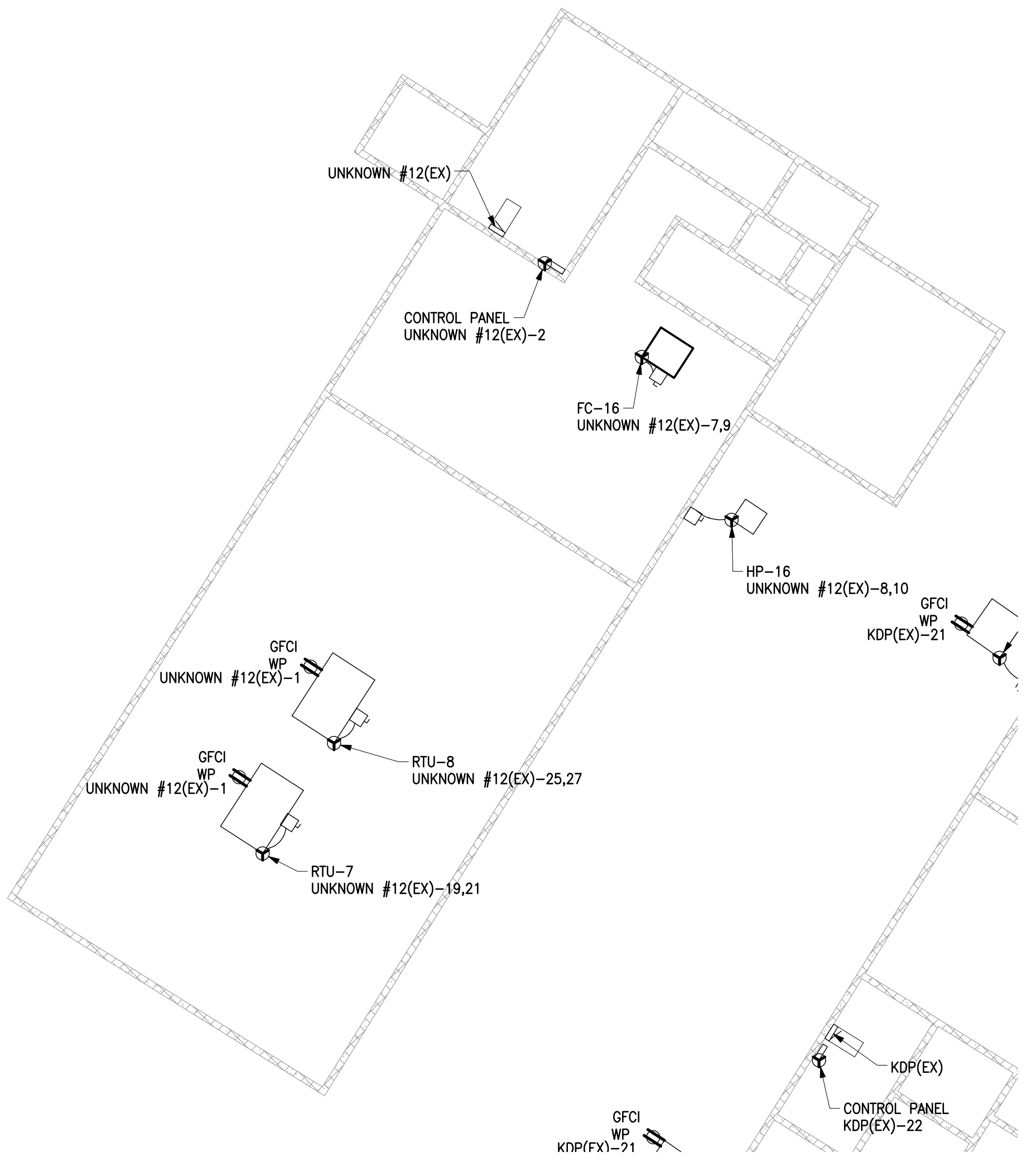
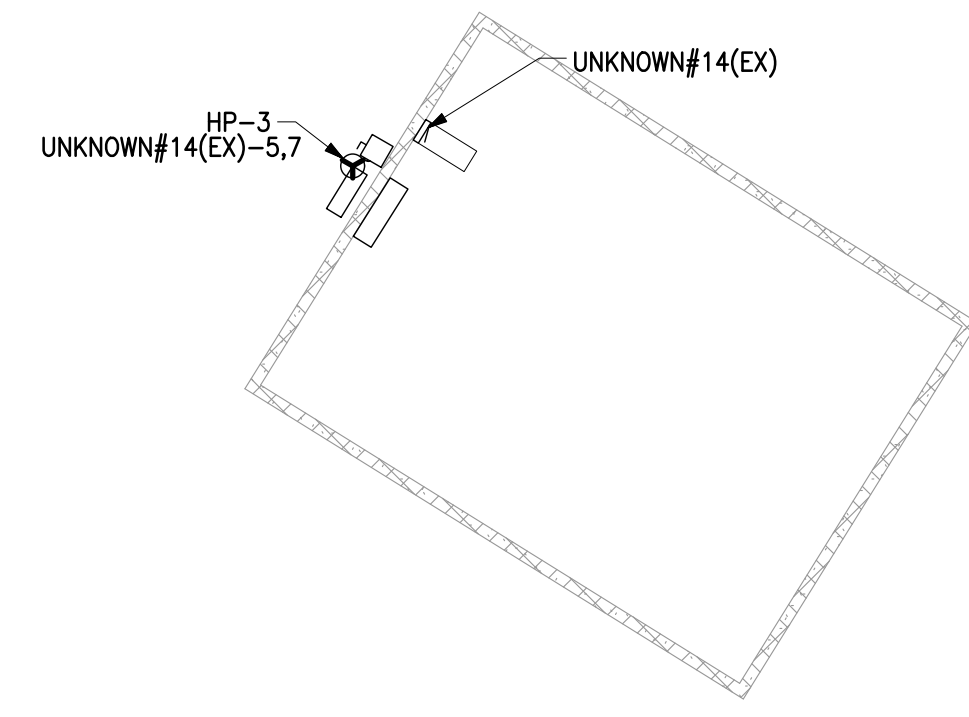
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1 MECHANICAL POWER PLAN- SEBASTOPOL
 SCALE: 3/32" = 1'-0"



- DRAWING E156 NOTES**
1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT WIRING REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
 2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
 3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
 4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
 5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
 6. CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT AND WIRING FROM RTU RECEPTACLE. MANUFACTURER SHALL PROVIDE AND INSTALL RECEPTACLE.
 7. CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT FOR FAN COILS TO BE POWERED BY OUTSIDE UNITS. CONTRACTOR SHALL REFERENCE MECHANICAL DRAWINGS FOR FAN COILS.
 8. CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK.

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MECHANICAL POWER PLAN- SEBASTOPOL

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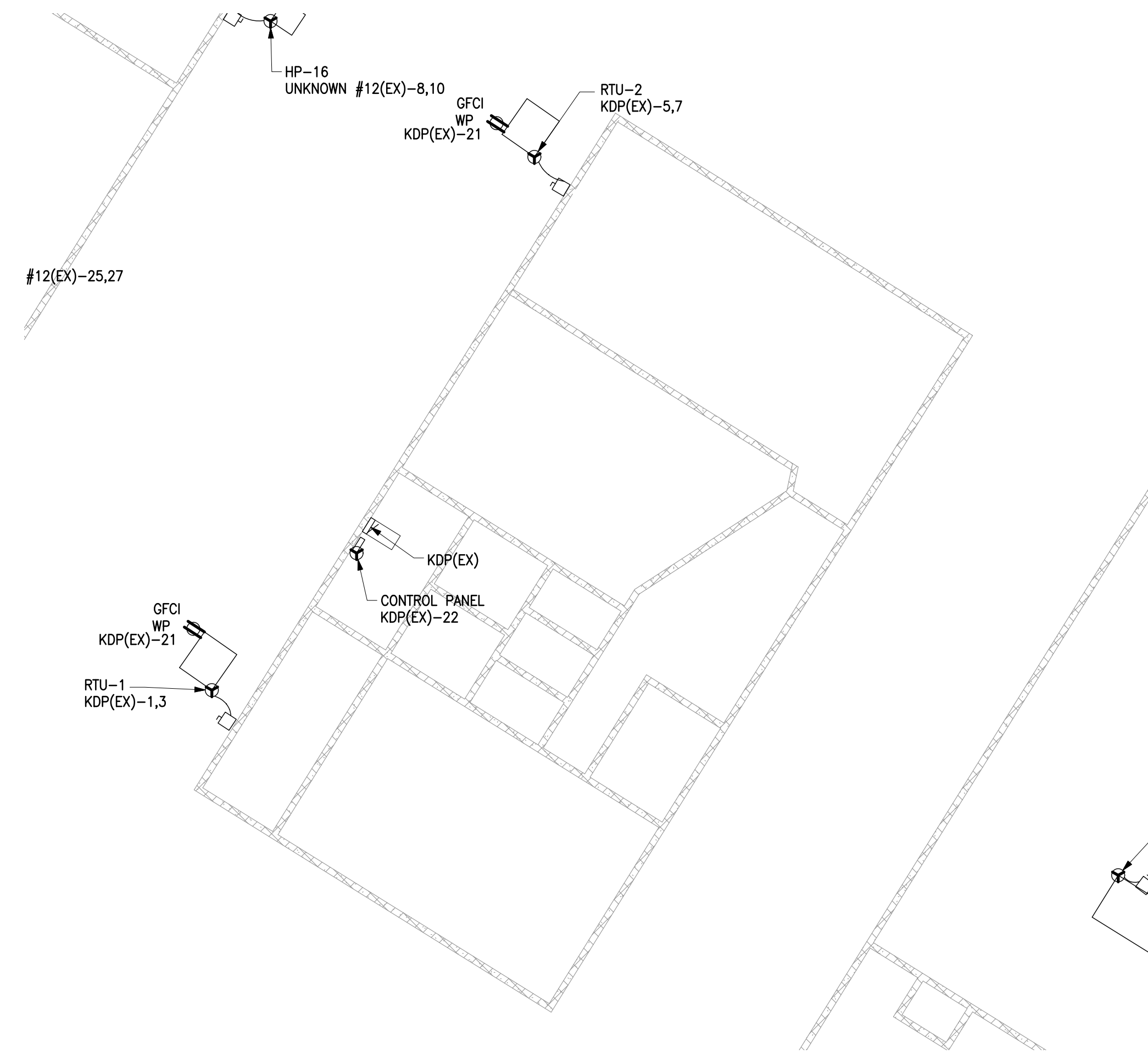
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1 MECHANICAL POWER PLAN- SEBASTOPOL
SCALE: 3/32" = 1'-0"



KEY PLAN
NOT TO SCALE

- DRAWING E157 NOTES**
1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
 2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
 3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
 4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
 5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
 6. CONTRACTOR SHALL PROVIDE AND INSTALL WIRING AND CONDUIT FOR UNIT RECEPTACLES. MANUFACTURER SHALL PROVIDE AND INSTALL RECEPTACLE.
 7. CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK.

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SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

SCALE: AS INDICATED
PROJECT NO: 030323.001
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MECHANICAL POWER PLAN- SEBASTOPOL

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1 MECHANICAL POWER PLAN- SEBASTOPOL
 SCALE: 3/32" = 1'-0"



KEY PLAN
 NOT TO SCALE

- DRAWING E158 NOTES**
1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
 2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
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 5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
 6. CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT AND WIRING FOR RECEPTACLES. MANUFACTURER SHALL PROVIDE AND INSTALL RECEPTACLE.
 7. CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK.
 8. CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT FOR FAN COILS TO BE POWERED BY OUTSIDE UNITS. CONTRACTOR SHALL REFERENCE MECHANICAL DRAWINGS FOR FAN COILS.

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BRADLEY P. PATONO
 PROFESSIONAL ENGINEER
 6/14/23
 17411
 STATE OF MISSISSIPPI

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: AS INDICATED
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MECHANICAL POWER PLAN- SEBASTOPOL

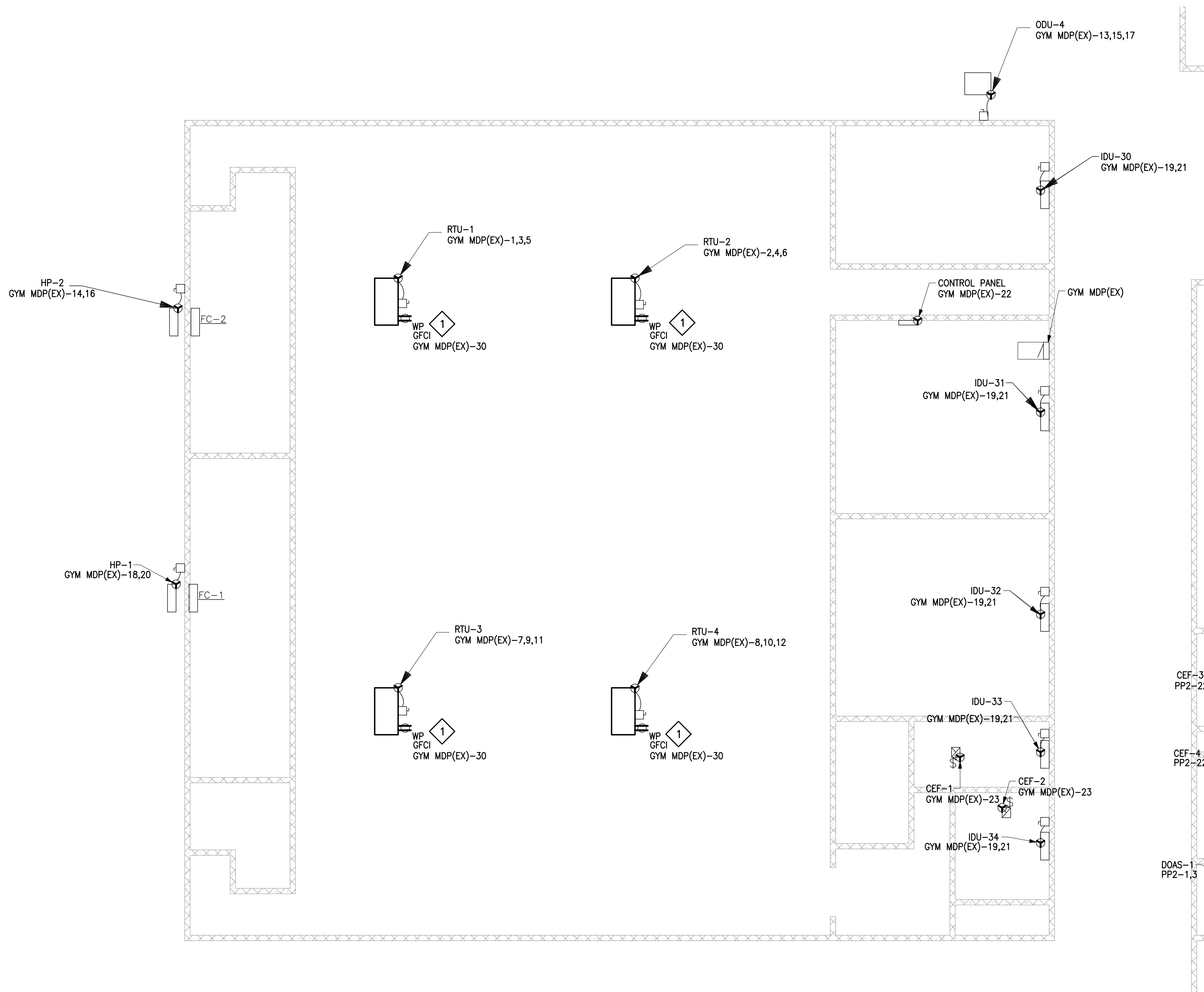
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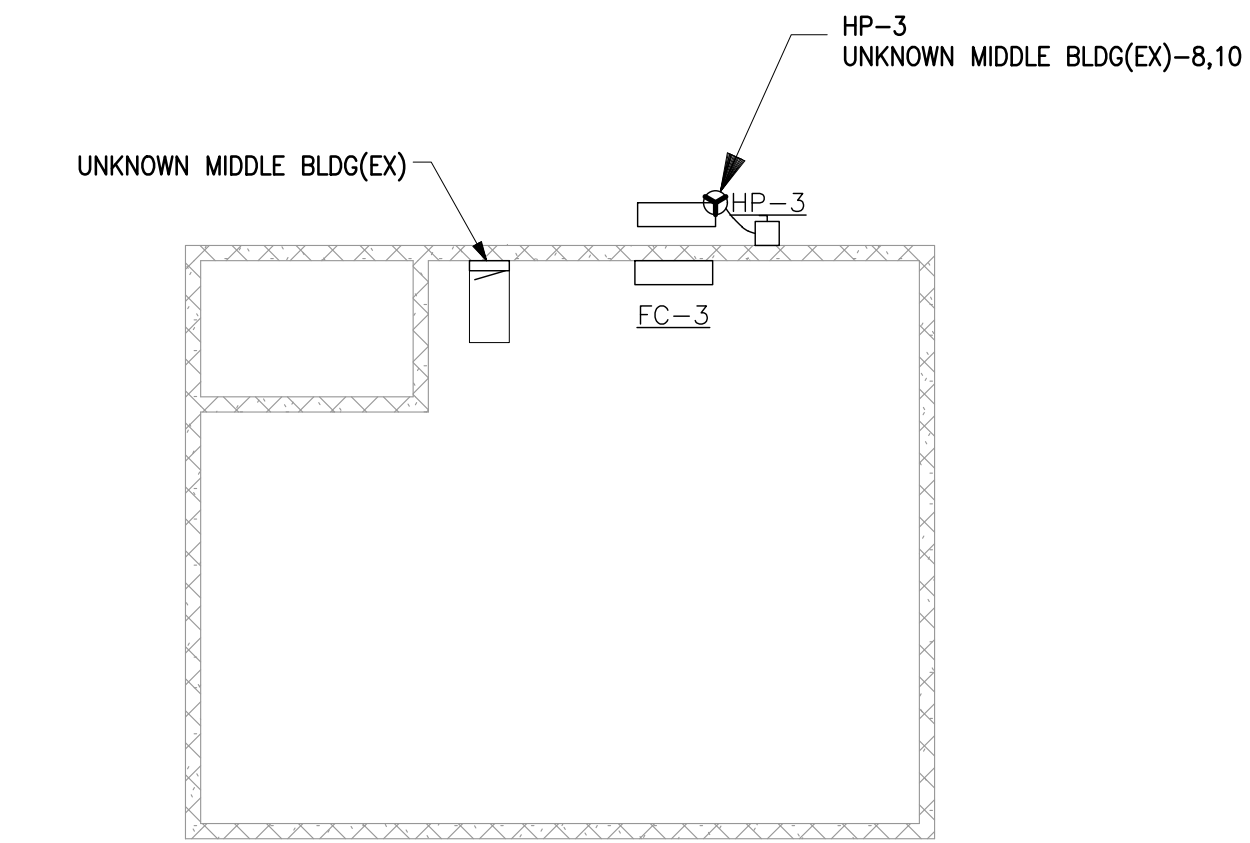
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1 MECHANICAL POWER PLAN- LAKE MIDDLE- ALTERNATE #1
 SCALE: 1/8" = 1'-0"



2 MECHANICAL POWER PLAN - LAKE MIDDLE
 SCALE: 1/8" = 1'-0"

KEY PLAN
 NOT TO SCALE

DRAWING E159 NOTES

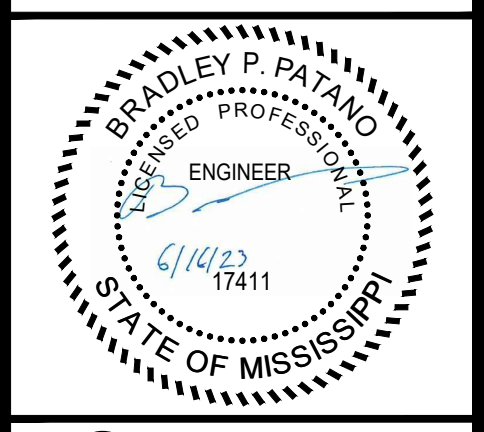
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5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
6. CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT FOR FAN COILS TO BE POWERED BY OUTSIDE UNITS. CONTRACTOR SHALL REFERENCE MECHANICAL DRAWINGS FOR FAN COILS.
7. ALL WORK AT LAKE MIDDLE GYM SHALL BE ADDED AS ALTERNATE #1.
8. CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK. CONTRACTOR SHALL PROVIDE POWER FOR CONTROL PANEL IN ADJACENT PANELBOARD.

DRAWING E159 SPECIFIC NOTES

- 1 CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING TO RTU OUTLETS. MANUFACTURER SHALL PROVIDE RECEPTACLES.



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 SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

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MECHANICAL POWER PLAN-
 LAKE MIDDLE SCHOOL

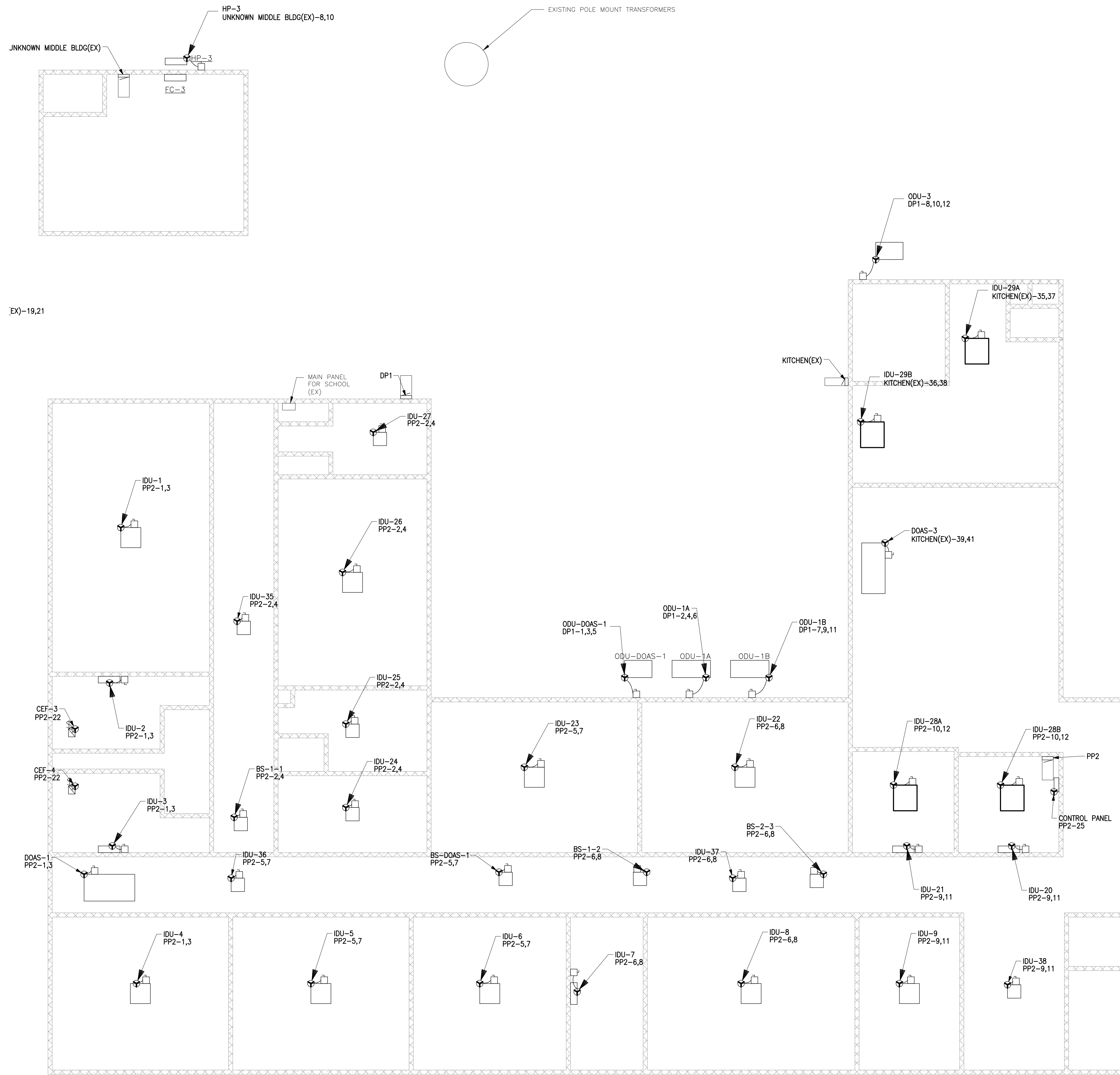
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1 MECHANICAL POWER PLAN - LAKE MIDDLE
 SCALE: 1/8" = 1'-0"



KEY PLAN
 NOT TO SCALE

DRAWING E160 NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
6. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR WHEN INSTALLING MOTION SENSOR FOR EXHAUST FANS.
7. CONTRACTOR SHALL PROVIDE AND INSTALL DATA CONNECTION FOR CONTROL PANEL FROM NEAREST COMMUNICATION RACK.

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BRADLEY P. PATANO
 PROFESSIONAL ENGINEER
 6/14/23
 17411
 STATE OF MISSISSIPPI

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: AS INDICATED
 PROJECT NO: 030323.001
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MECHANICAL POWER PLAN - LAKE MIDDLE SCHOOL

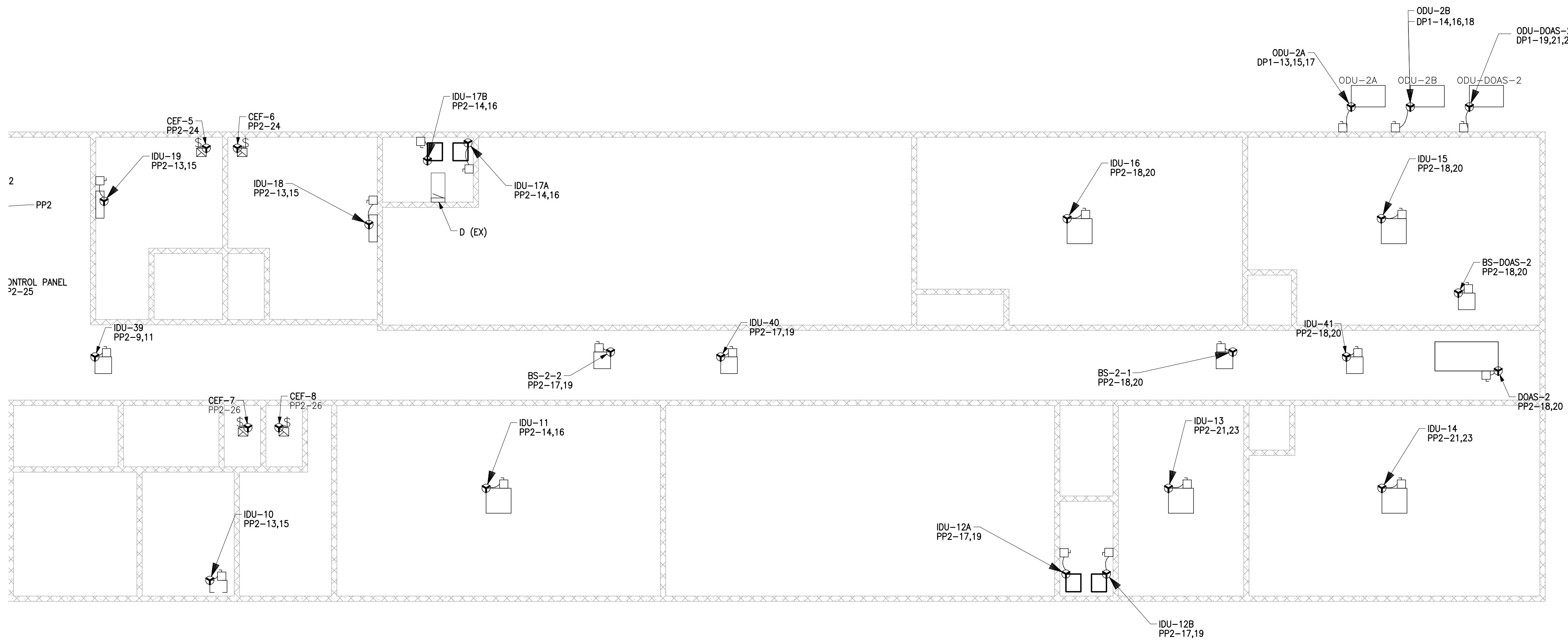
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E160

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1 MECHANICAL POWER PLAN- LAKE MIDDLE
 SCALE: 1/8" = 1'-0"

KEY PLAN
 NOT TO SCALE

DRAWING E161 NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
5. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL EQUIPMENT.
6. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR WHEN INSTALLING MOTION SENSOR FOR EXHAUST FANS.

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 FOREST, MS 39074

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MECHANICAL POWER PLAN-
LAKE MIDDLE SCHOOL

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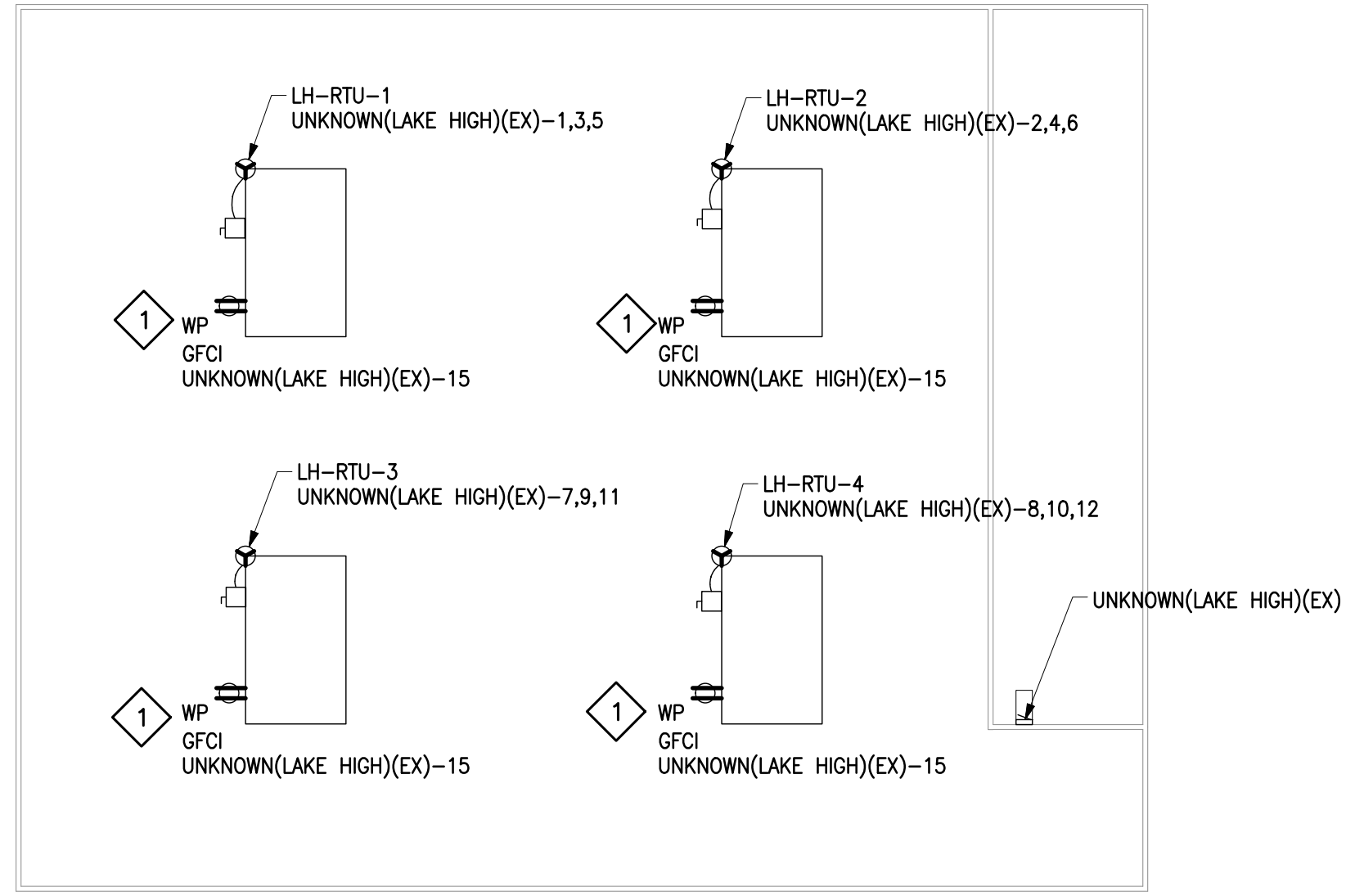
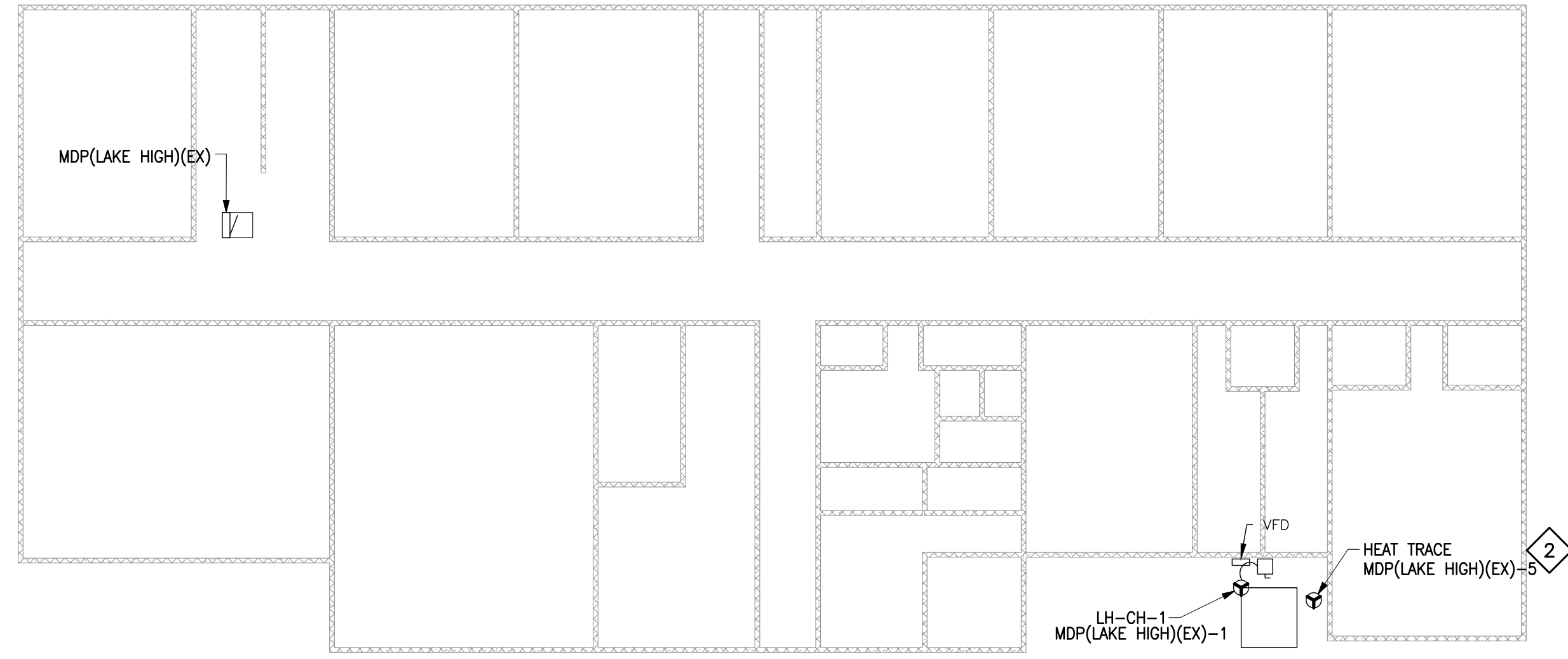
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1 MECHANICAL POWER PLAN - LAKE HIGH
 SCALE: 1/8" = 1'-0"



DRAWING E162 NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY, NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
4. CONTRACTOR SHALL REFERENCE MECHANICAL DRAWINGS FOR LOCATION AND QUANTITY OF DUCT SMOKE DETECTORS. CONTRACTOR SHALL CONNECT DUCT SMOKE DETECTORS TO SCHOOL FIRE ALARM SYSTEM.
5. VFD'S FOR UNITS TO BE LOCATED INSIDE THE UNITS. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS.

DRAWING E162 SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING TO RTU OUTLETS. MANUFACTURER SHALL PROVIDE RECEPTACLES.
2. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS FOR HEAT TRACE.

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

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 CHECKED BY: KDB

MECHANICAL POWER PLAN - LAKE HIGH SCHOOL

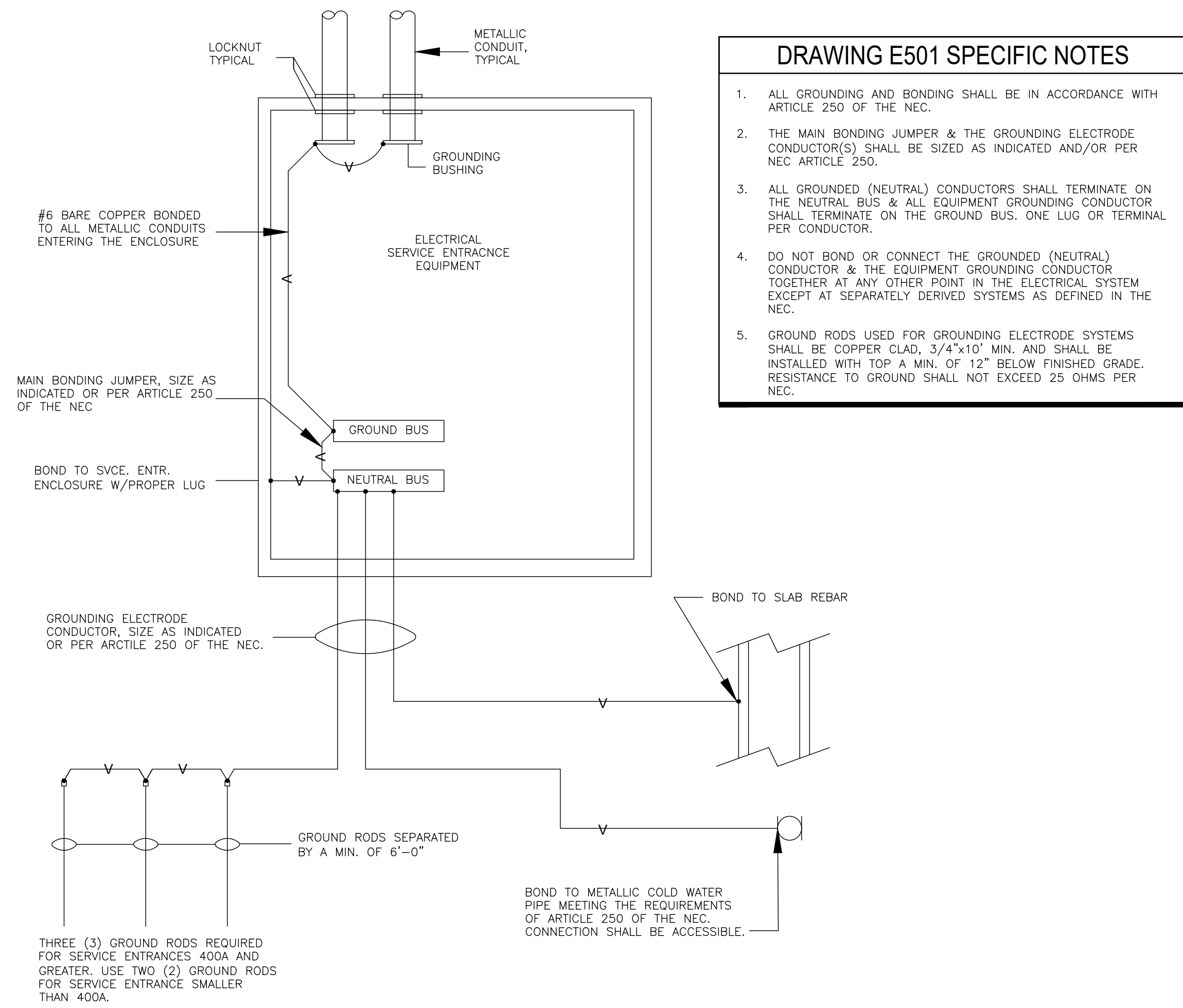
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1 GROUNDING AND BONDING DETAIL
 SCALE: N.T.S.



- DRAWING E501 SPECIFIC NOTES**
1. ALL GROUNDING AND BONDING SHALL BE IN ACCORDANCE WITH ARTICLE 250 OF THE NEC.
 2. THE MAIN BONDING JUMPER & THE GROUNDING ELECTRODE CONDUCTOR(S) SHALL BE SIZED AS INDICATED AND/OR PER NEC ARTICLE 250.
 3. ALL GROUNDED (NEUTRAL) CONDUCTORS SHALL TERMINATE ON THE NEUTRAL BUS & ALL EQUIPMENT GROUNDING CONDUCTOR SHALL TERMINATE ON THE GROUND BUS, ONE LUG OR TERMINAL PER CONDUCTOR.
 4. DO NOT BOND OR CONNECT THE GROUNDED (NEUTRAL) CONDUCTOR & THE EQUIPMENT GROUNDING CONDUCTOR TOGETHER AT ANY OTHER POINT IN THE ELECTRICAL SYSTEM EXCEPT AT SEPARATELY DERIVED SYSTEMS AS DEFINED IN THE NEC.
 5. GROUND RODS USED FOR GROUNDING ELECTRODE SYSTEMS SHALL BE COPPER CLAD, 3/4"x10" MIN. AND SHALL BE INSTALLED WITH TOP A MIN. OF 12" BELOW FINISHED GRADE. RESISTANCE TO GROUND SHALL NOT EXCEED 25 OHMS PER NEC.

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES

SCOTT COUNTY SCHOOL DISTRICT

110 COMMERCE LOOP
 FOREST, MS 39074

SCALE:	AS INDICATED
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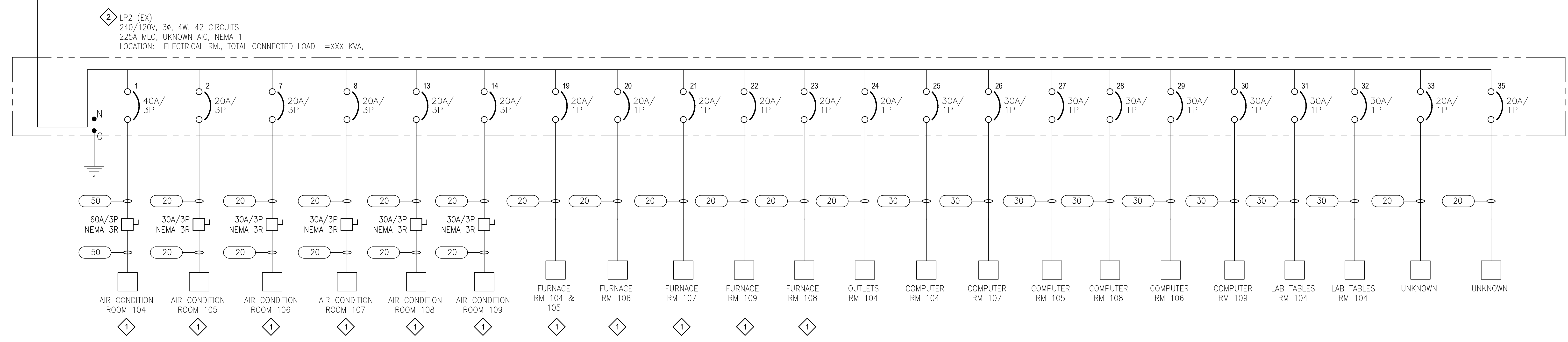
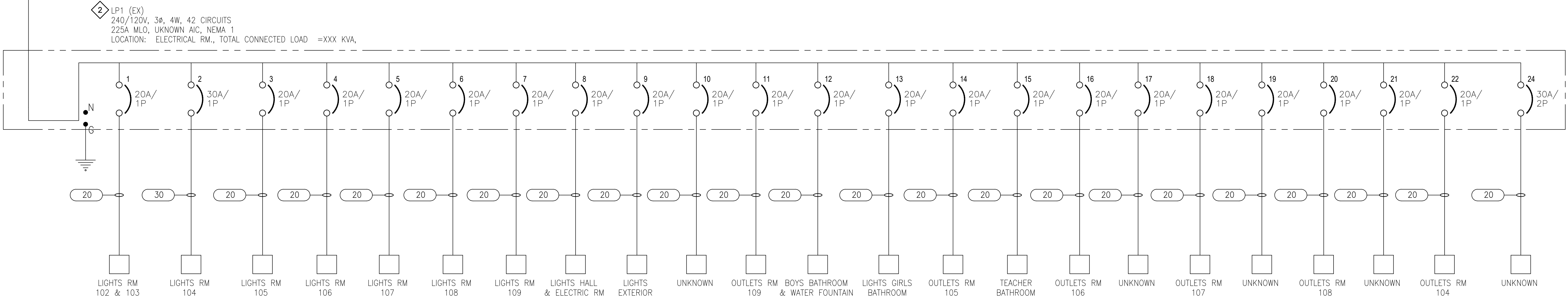
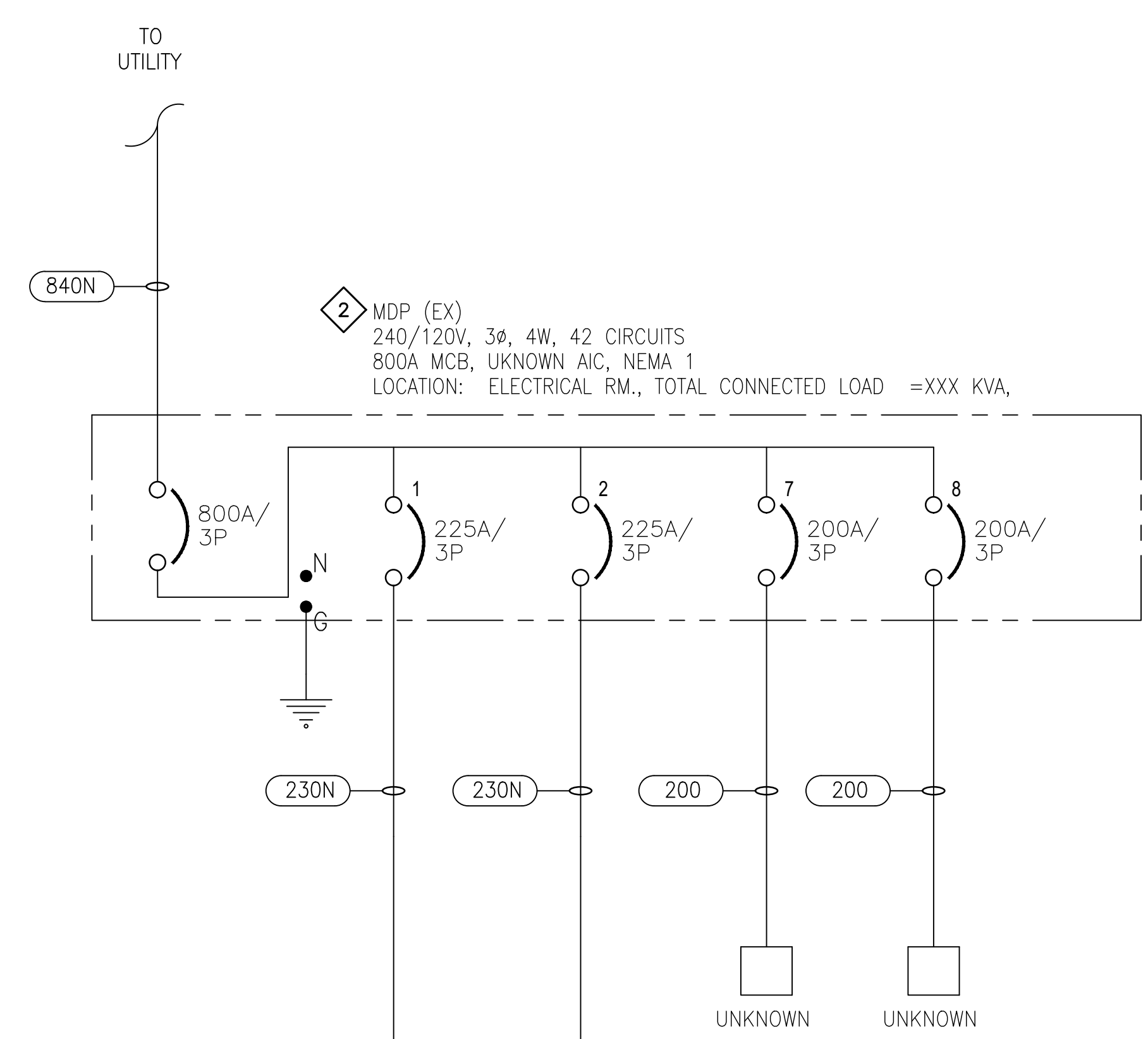
ELECTRICAL DETAILS

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DRAWING E601 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
2. CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

DRAWING E601 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
2. CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.



SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

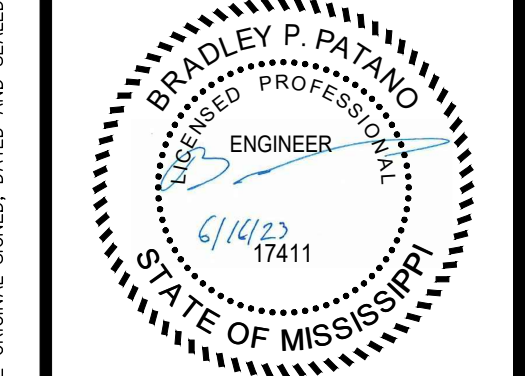
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ELECTRICAL ONE-LINE DIAGRAM DEMO-
SEBASTOPOL

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		NO.	DESCRIPTION
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E601

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ELECTRICAL ONE-LINE DIAGRAM DEMO - SEBASTOPOLE

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E602

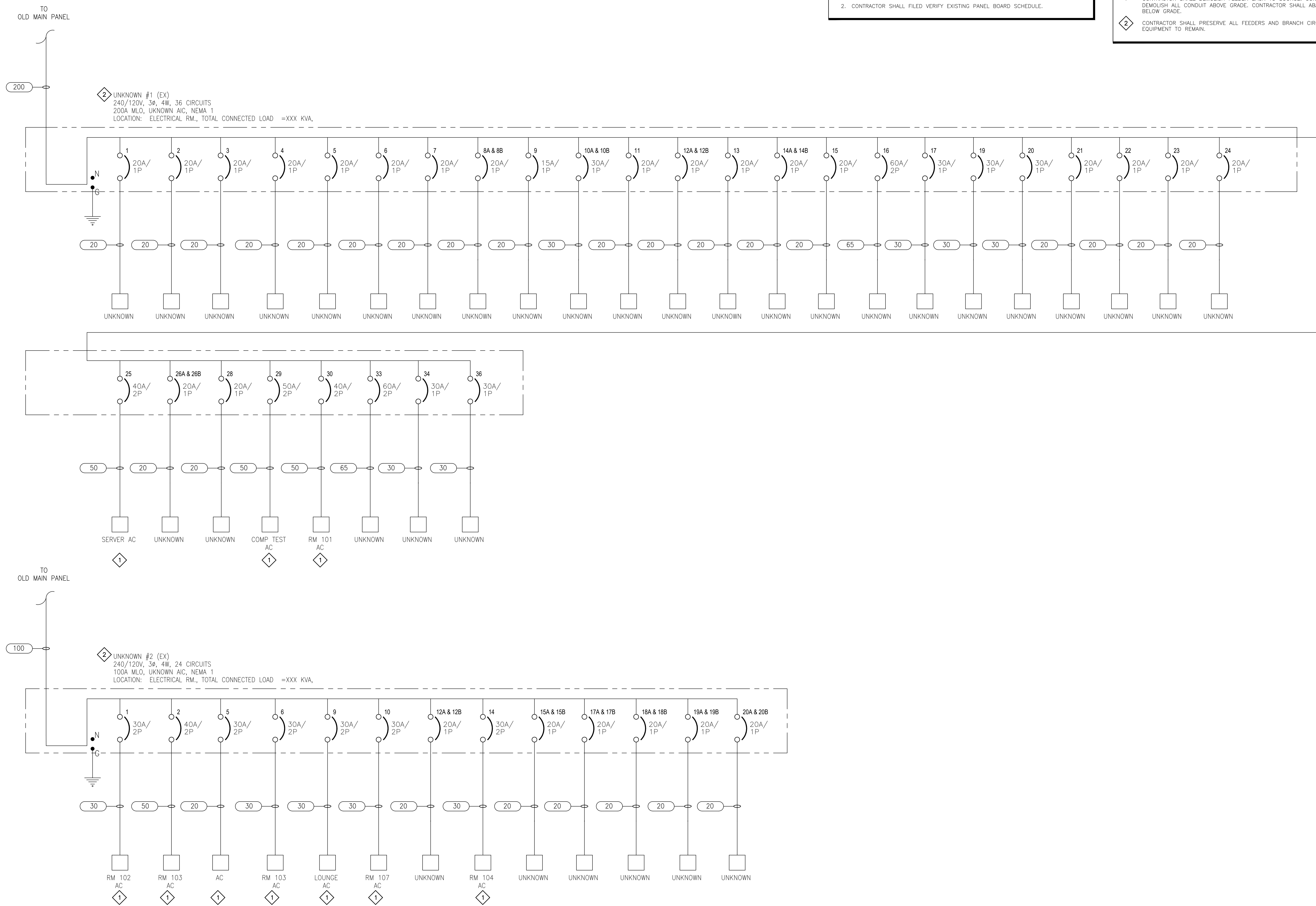
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DRAWING E602 NOTES

- CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
- CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

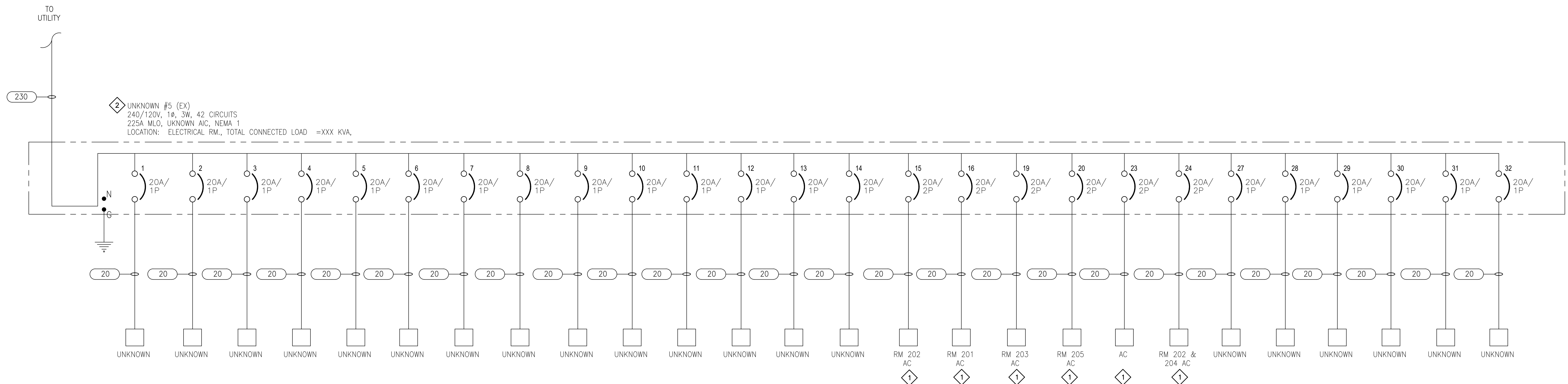
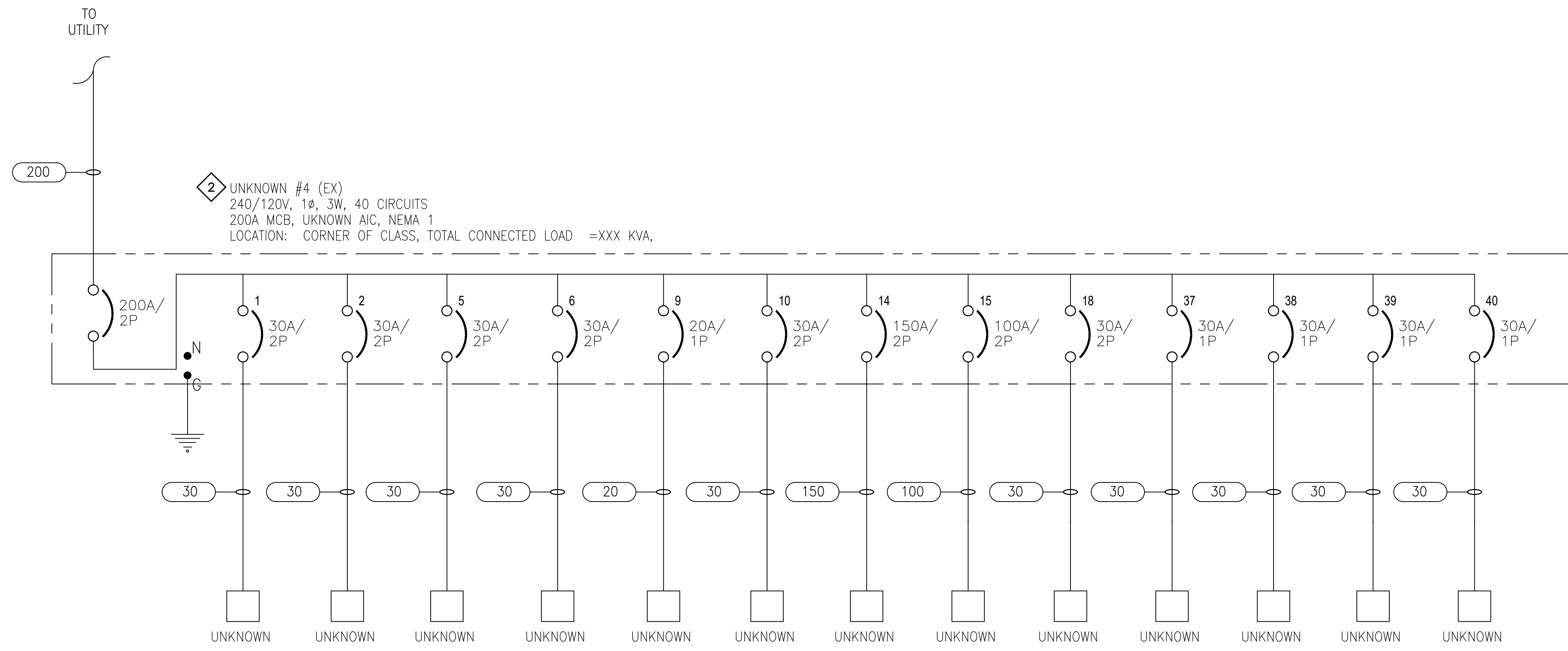
DRAWING E602 SPECIFIC NOTES

- CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
- CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.



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DRAWING E603 NOTES

- CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
- CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

DRAWING E603 SPECIFIC NOTES

- CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
- CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.

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BRADLEY P. PATONO
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 6/14/23
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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

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ELECTRICAL ONE-LINE DIAGRAM DEMO - SEBASTOPOL

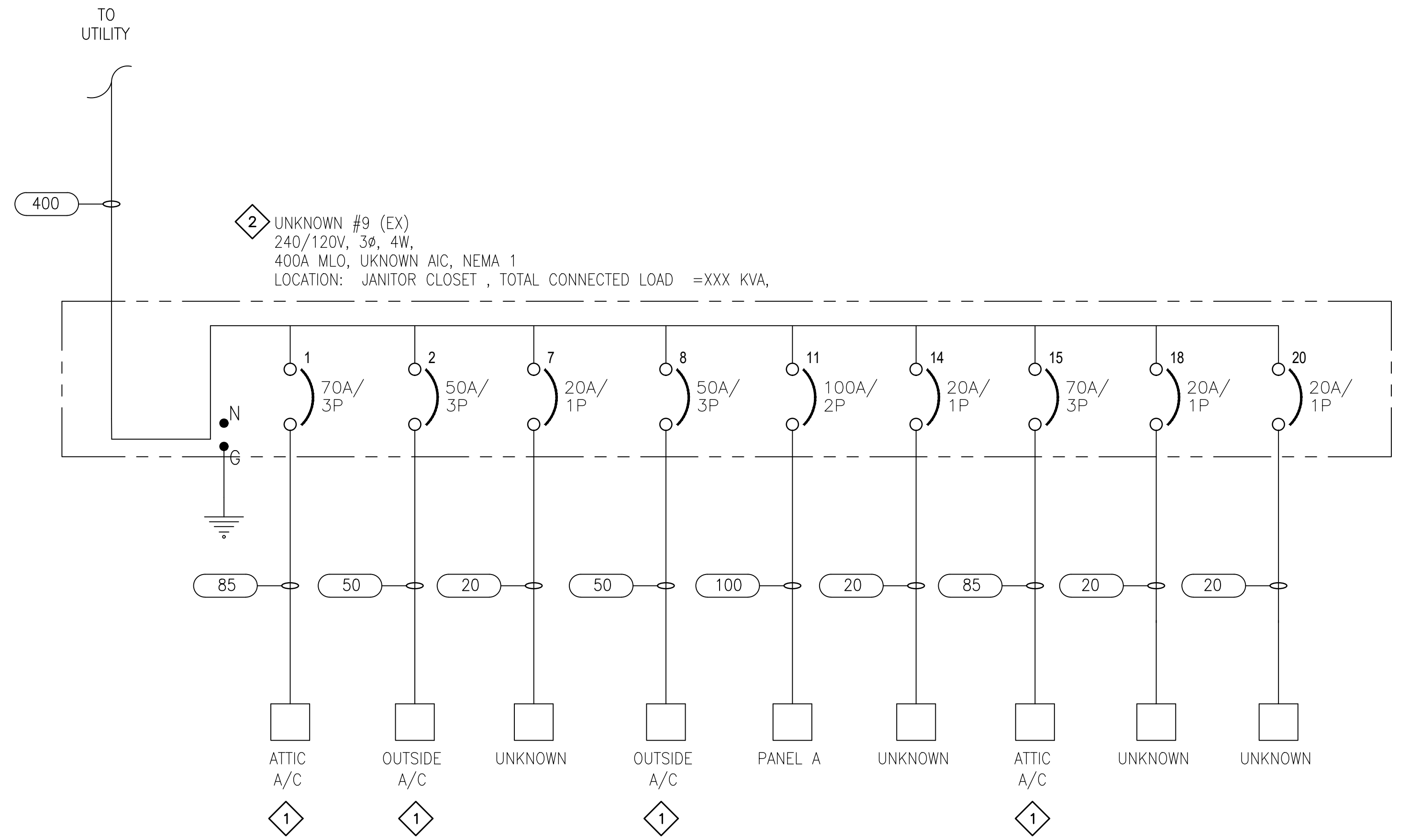
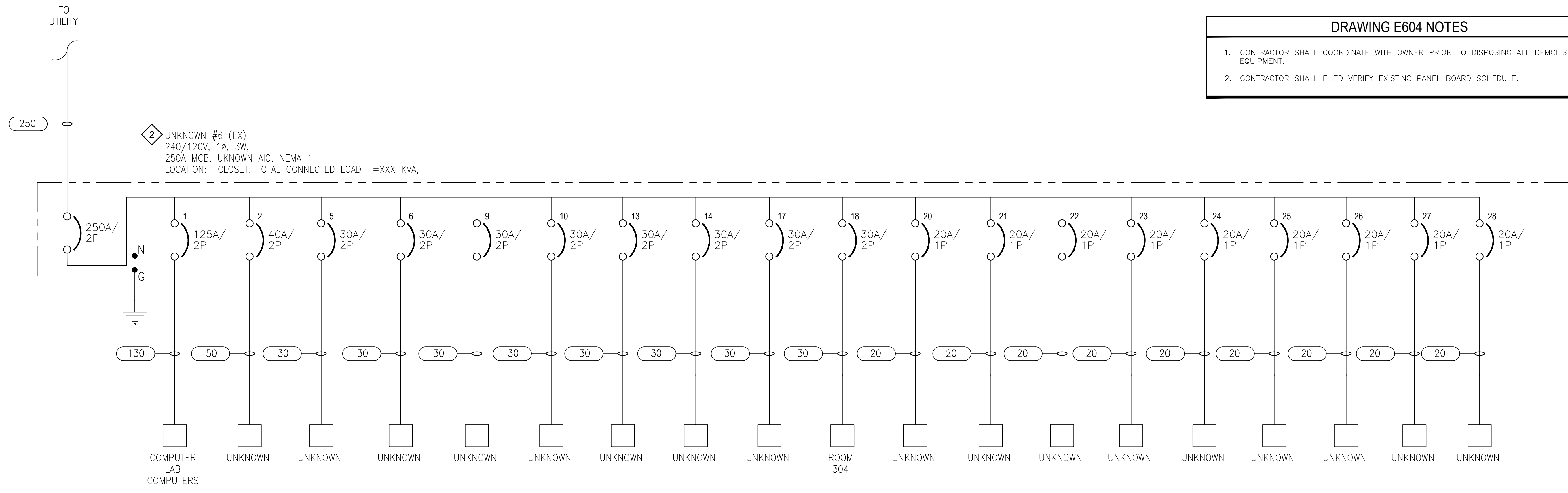
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DRAWING E604 NOTES

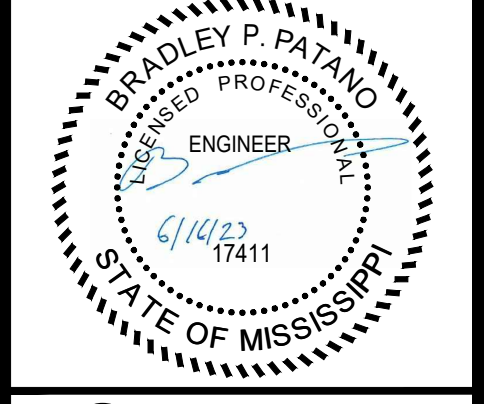
1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
2. CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

DRAWING E604 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
2. CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.

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SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: AS INDICATED
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ELECTRICAL ONE-LINE DIAGRAM DEMO-SEBASTOPOL

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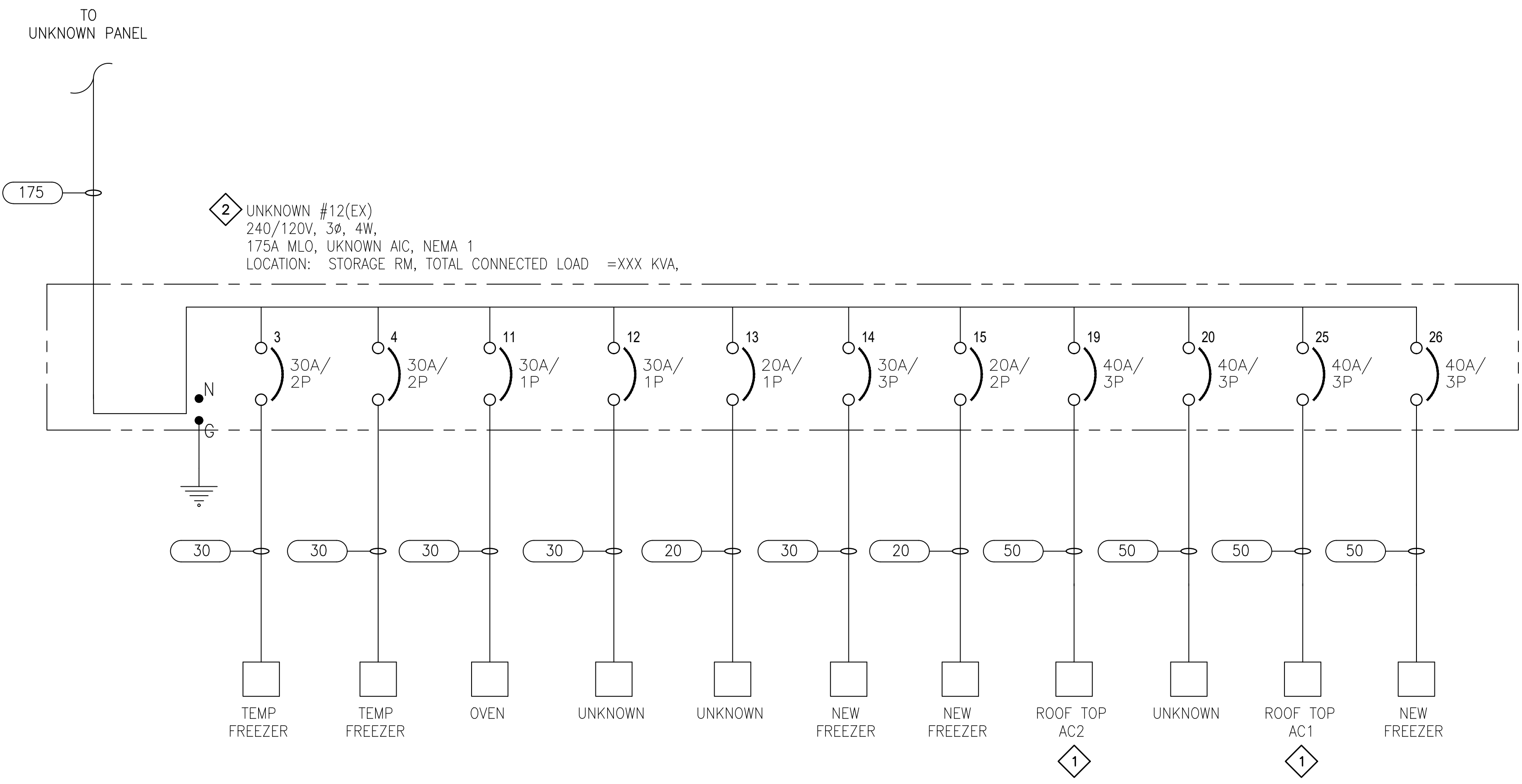
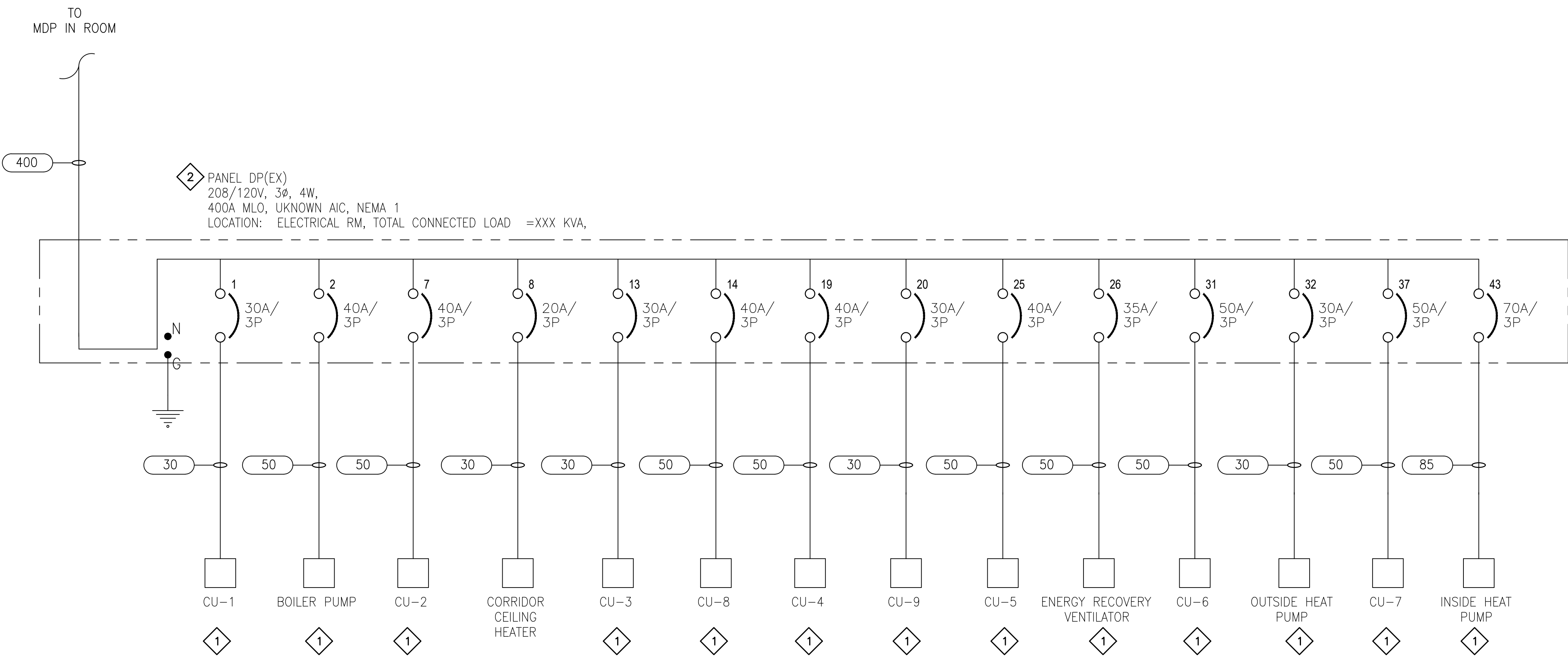
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DRAWING E605 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
2. CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

DRAWING E605 SPECIFIC NOTES

1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
2. CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.



SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
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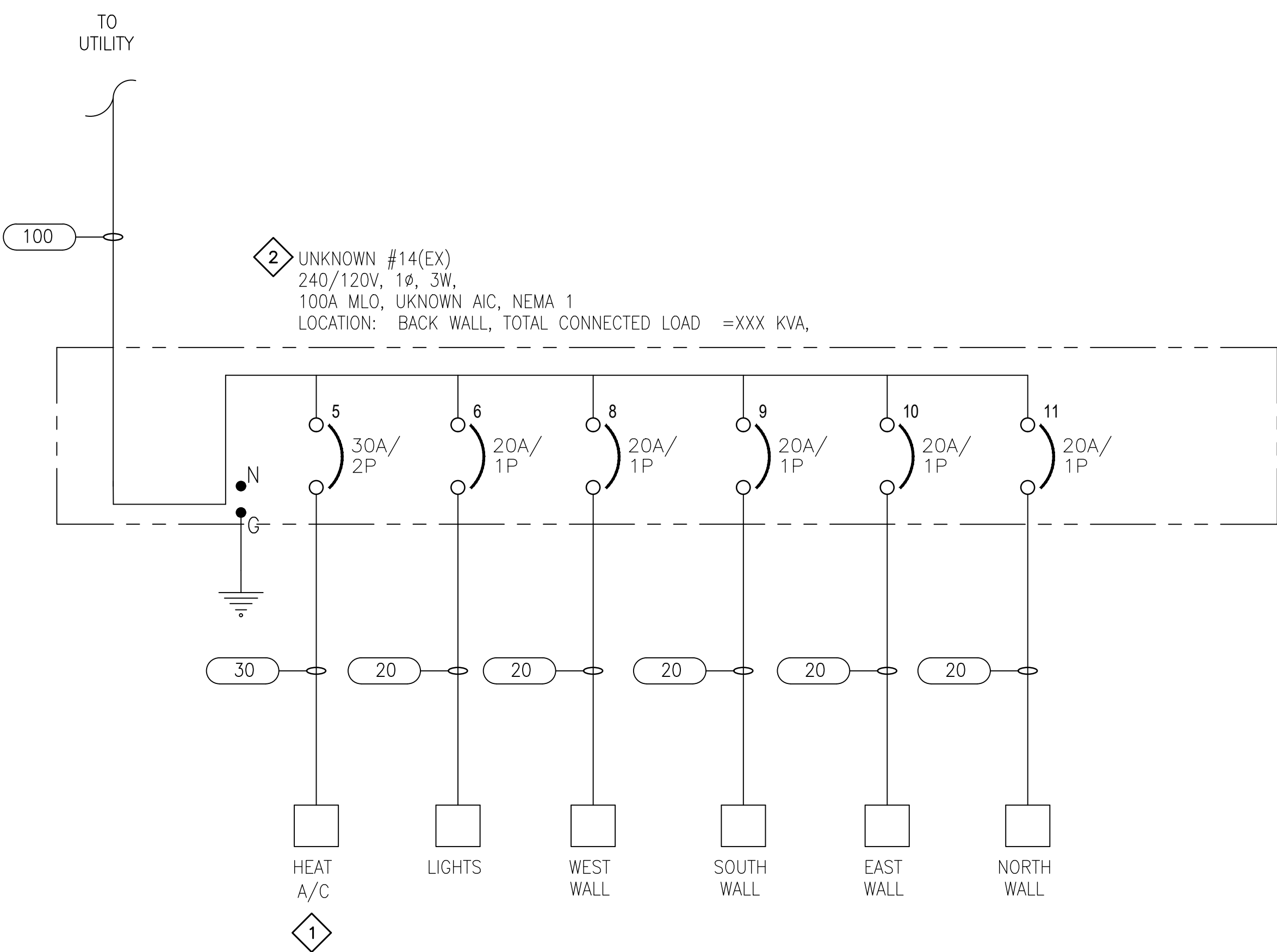
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DRAWING E606 NOTES

- 1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
- 2. CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

DRAWING E606 SPECIFIC NOTES

- 1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
- 2. CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.

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Fernanda A. Silva, AIA

BRADLEY P. PATANO
REGISTERED PROFESSIONAL ENGINEER
6/14/23
STATE OF MISSISSIPPI

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

SCALE: AS INDICATED
PROJECT NO: 030323.001
DRAWN BY: DLM
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ELECTRICAL ONE-LINE DIAGRAM DEMO-SEBASTOPOLE

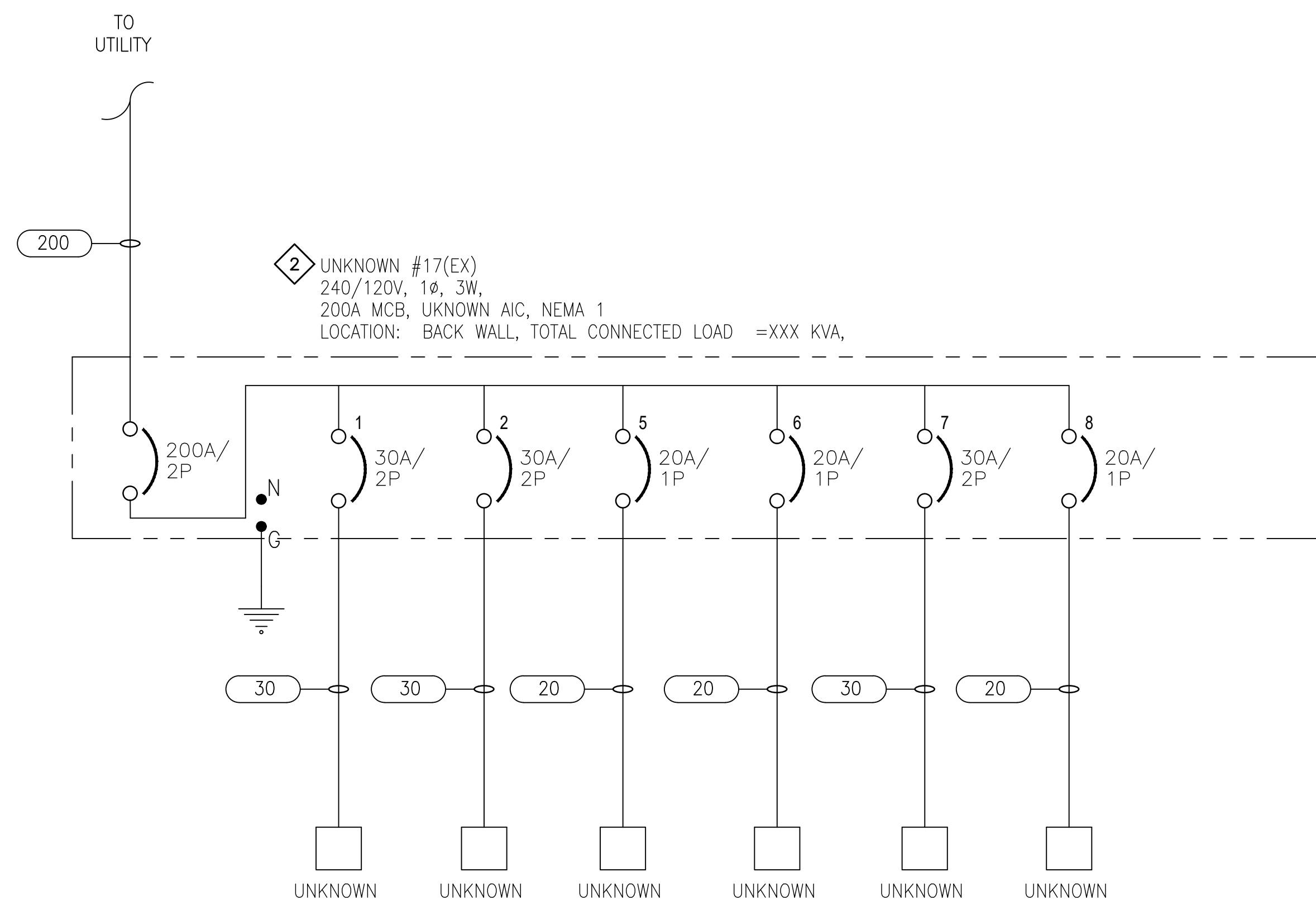
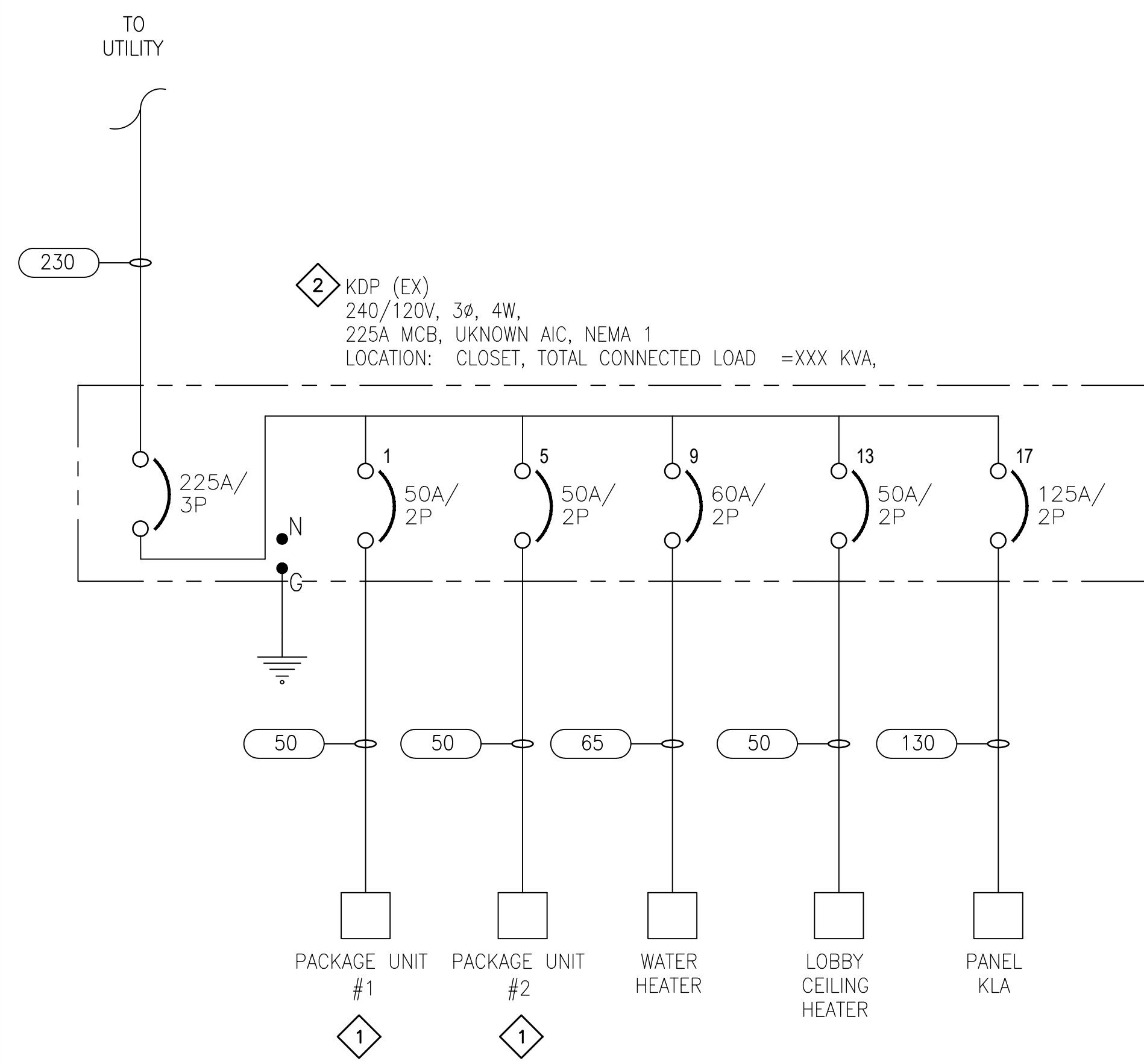
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DRAWING E607 NOTES

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
2. CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

DRAWING E607 SPECIFIC NOTES

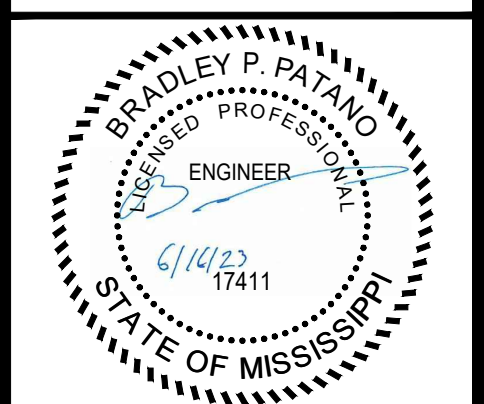
1. CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
2. CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.

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SCOTT COUNTY SCHOOL DISTRICT
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ELECTRICAL ONE-LINE DIAGRAM DEMO-
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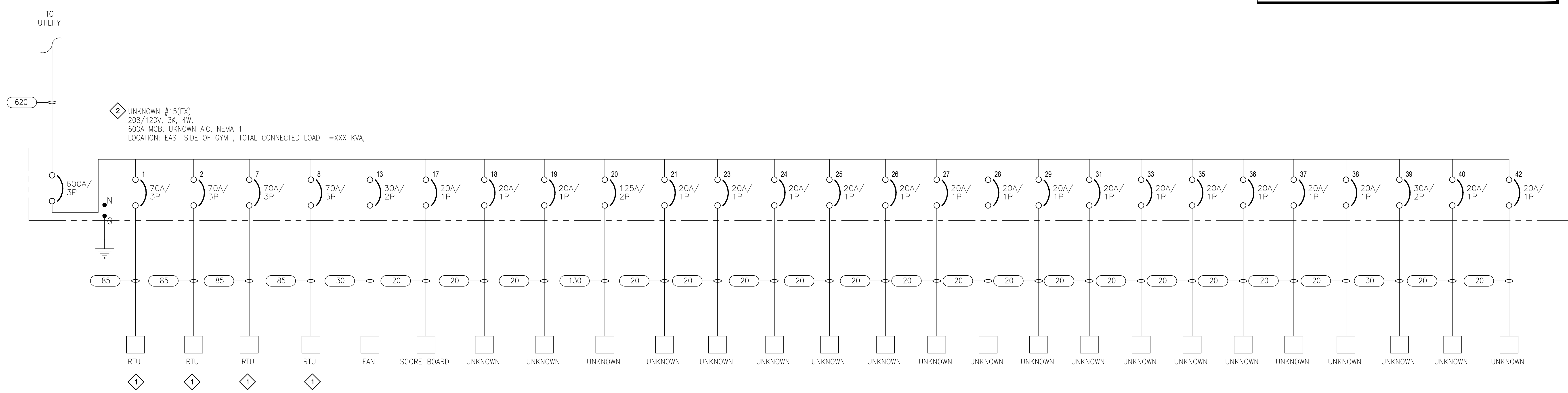
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DRAWING E608 NOTES

- CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
- CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

DRAWING E608 SPECIFIC NOTES

- CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
- CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.



SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
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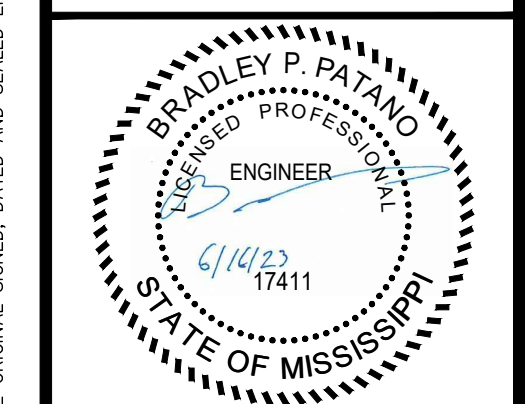
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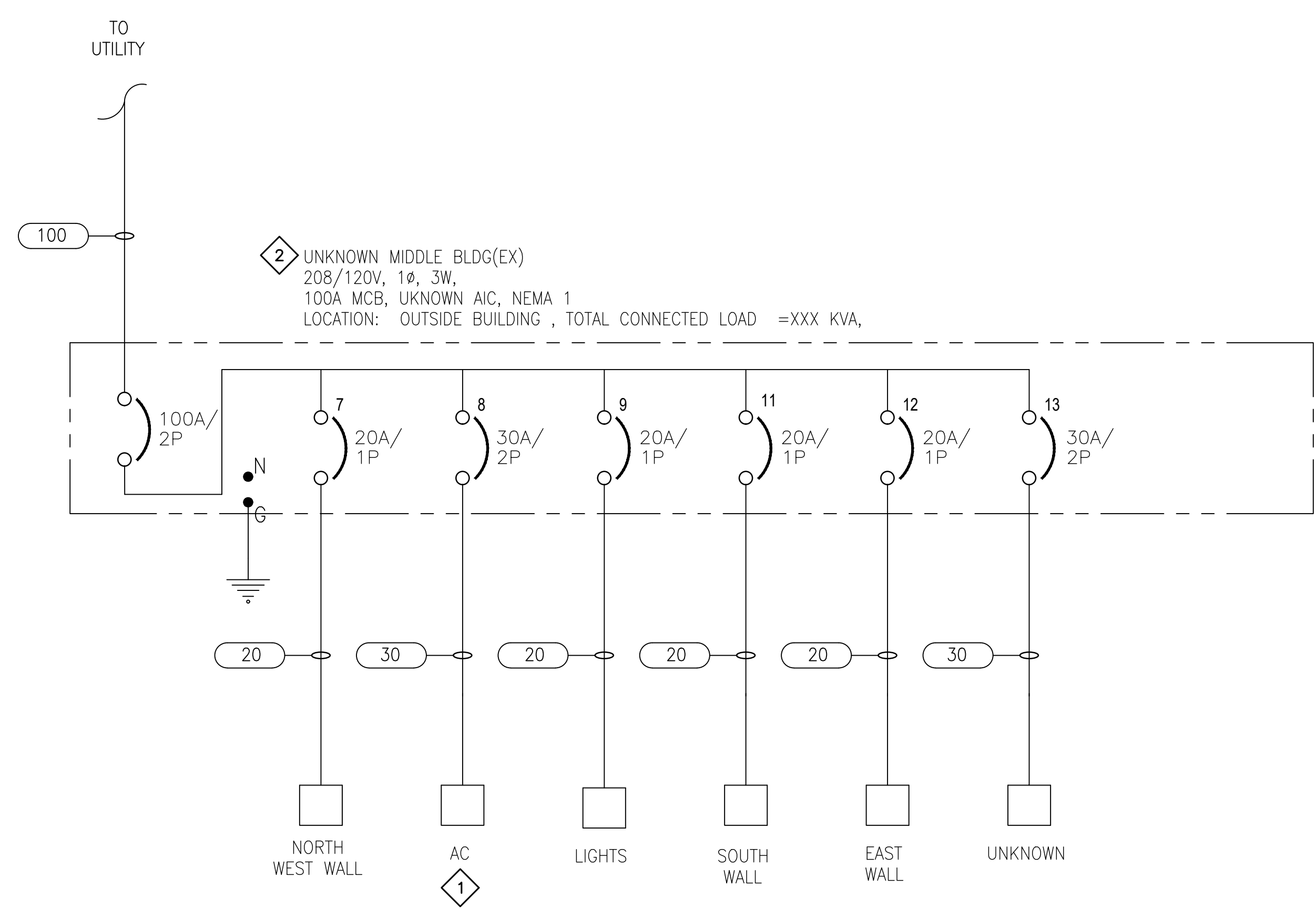
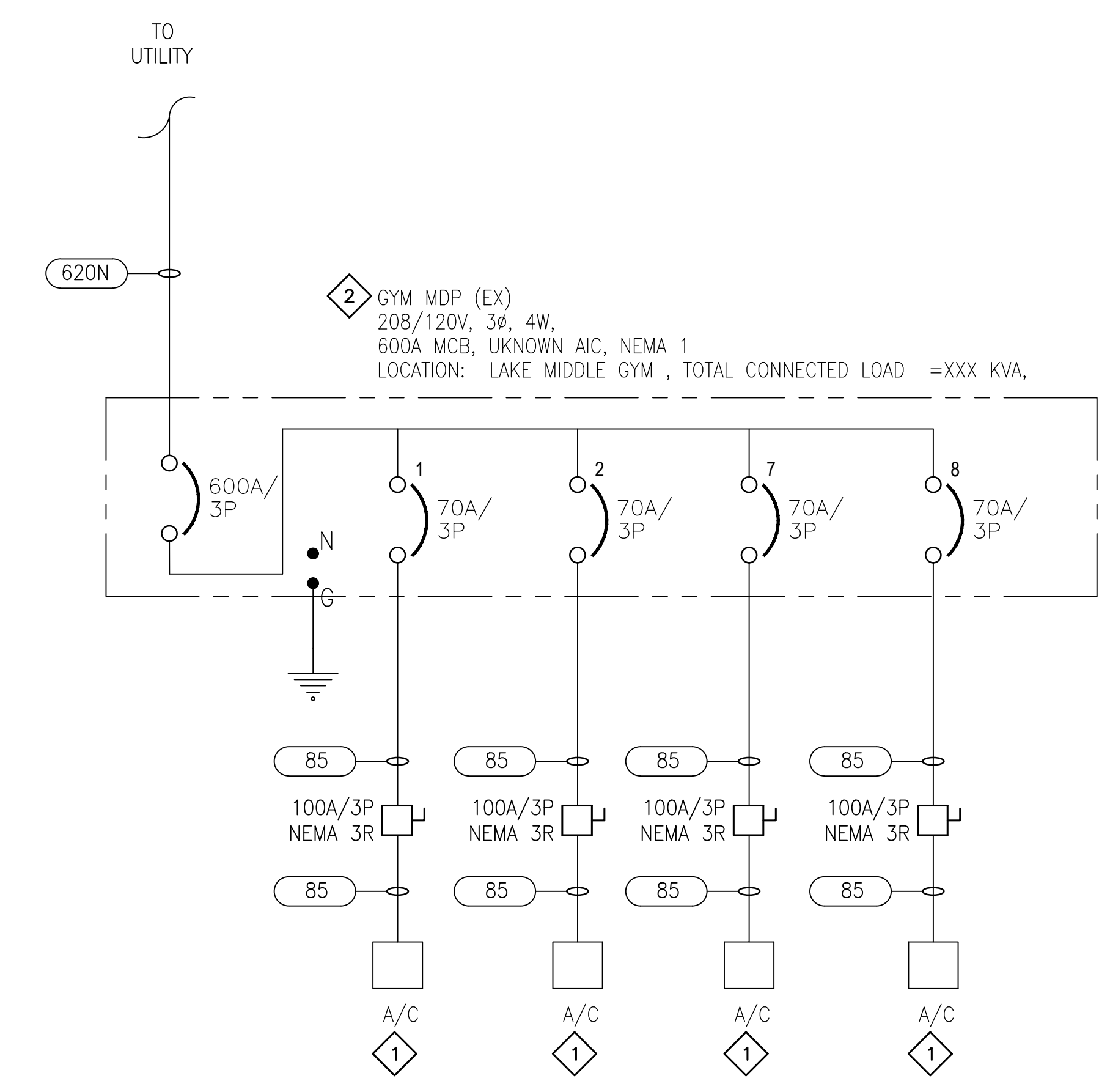
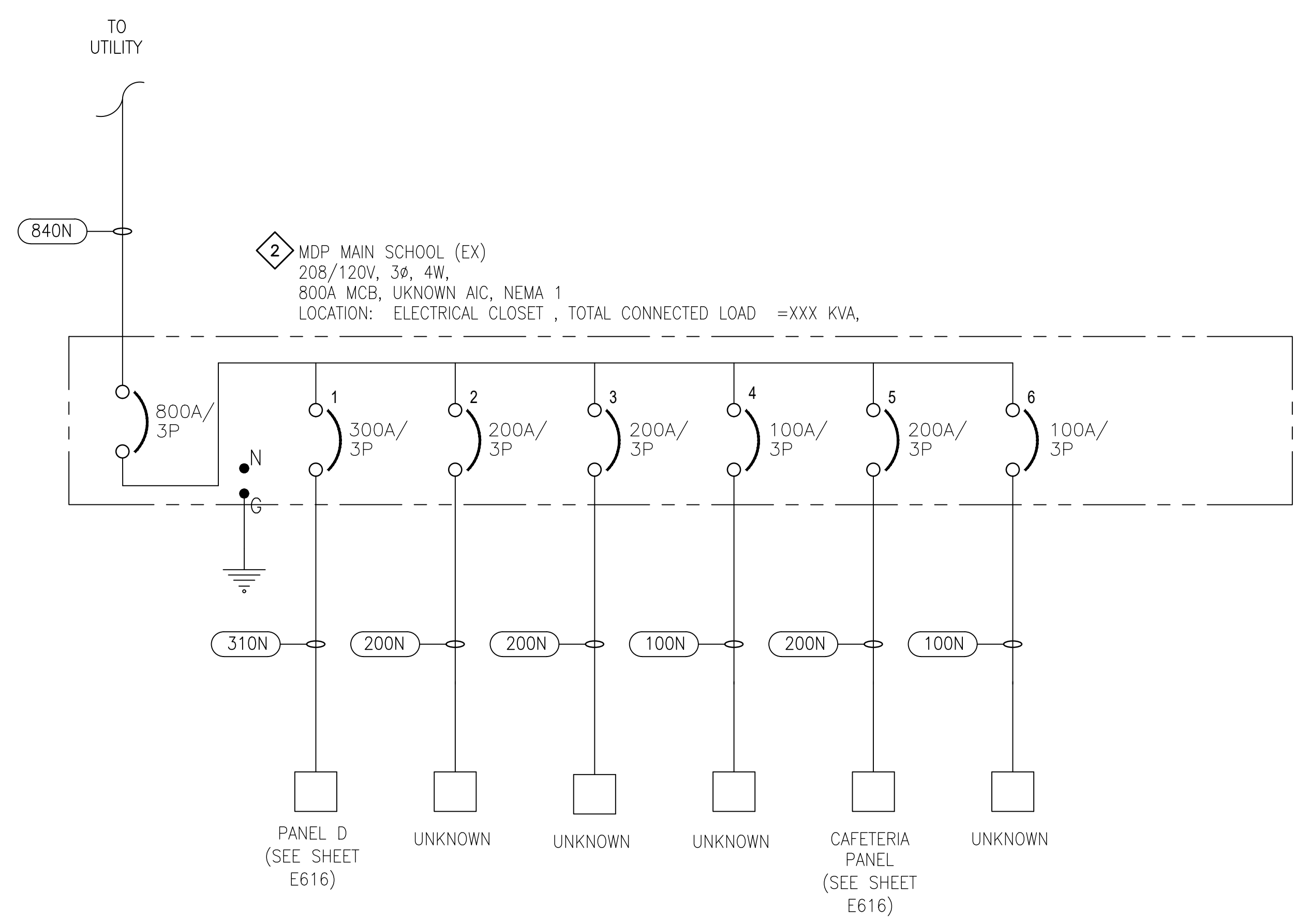
E609
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DRAWING E609 NOTES

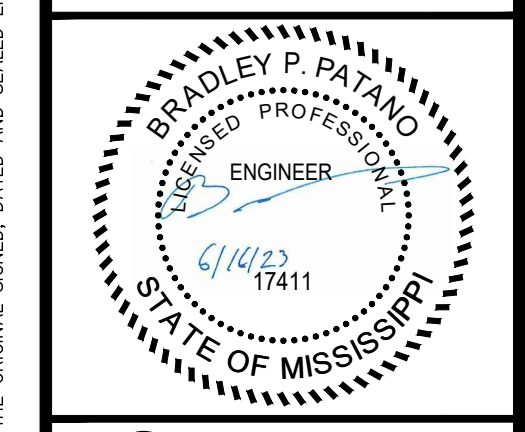
- CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
- CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

DRAWING E609 SPECIFIC NOTES

- CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
- CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.



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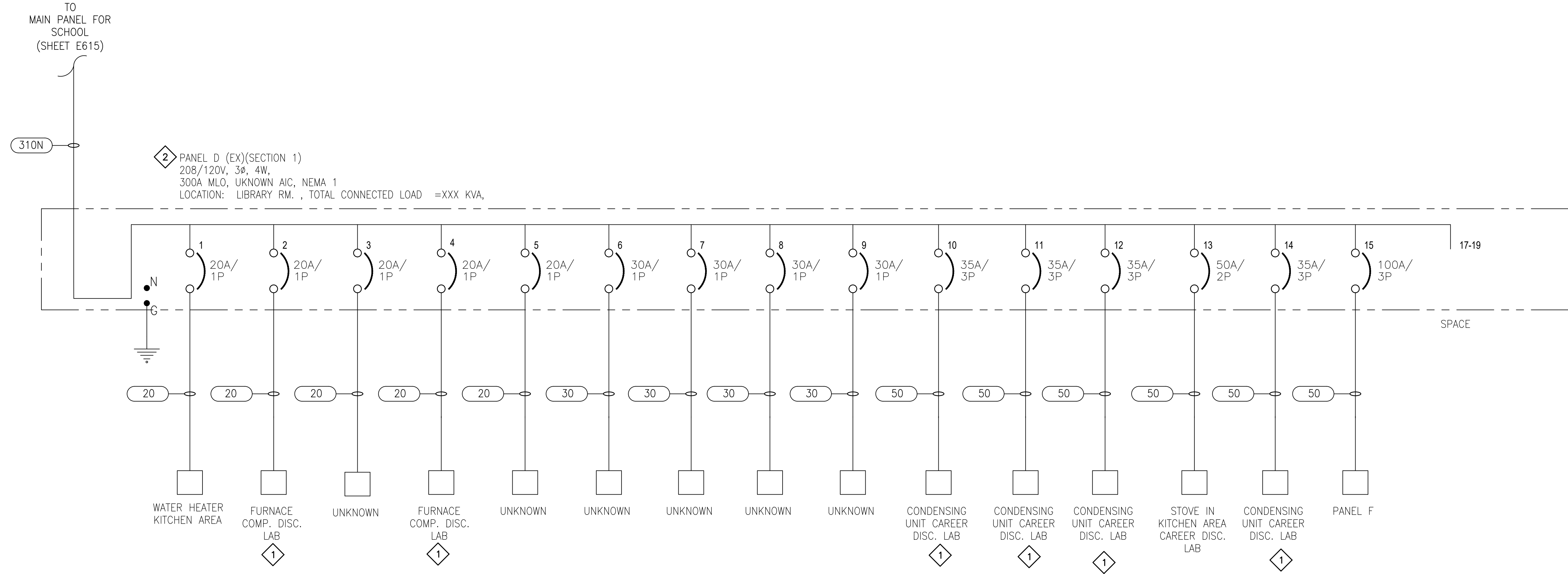
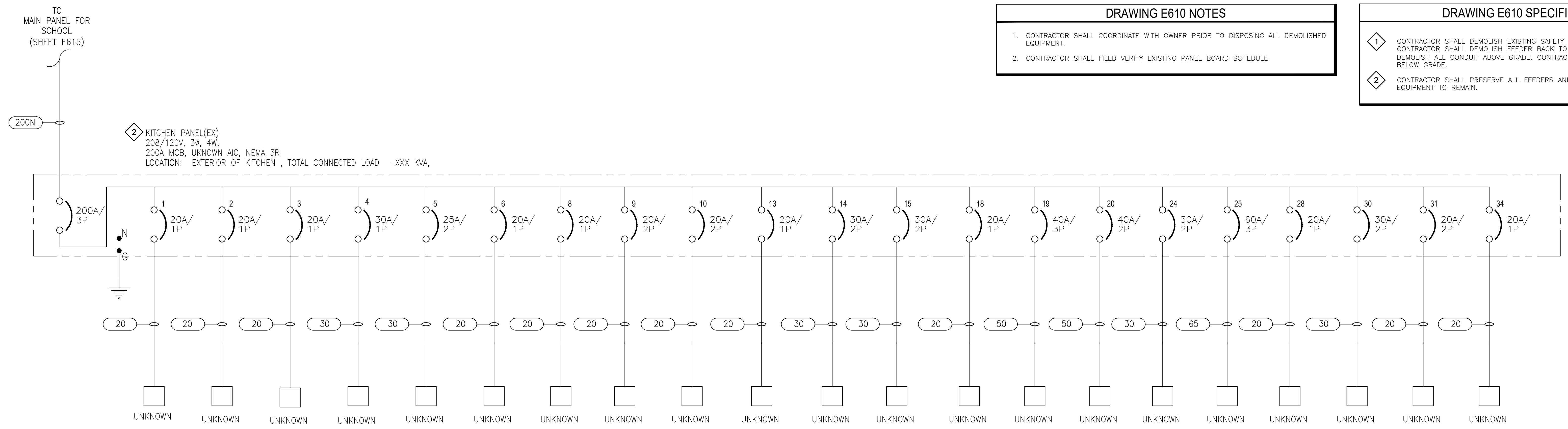
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DRAWING E610 NOTES

- CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
- CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

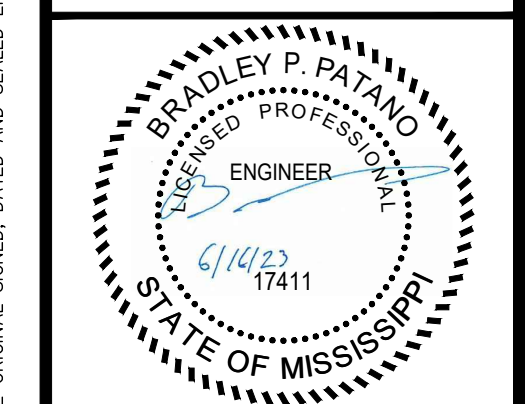
DRAWING E610 SPECIFIC NOTES

- CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
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ELECTRICAL ONE-LINE DIAGRAM DEMO - LAKE HIGH

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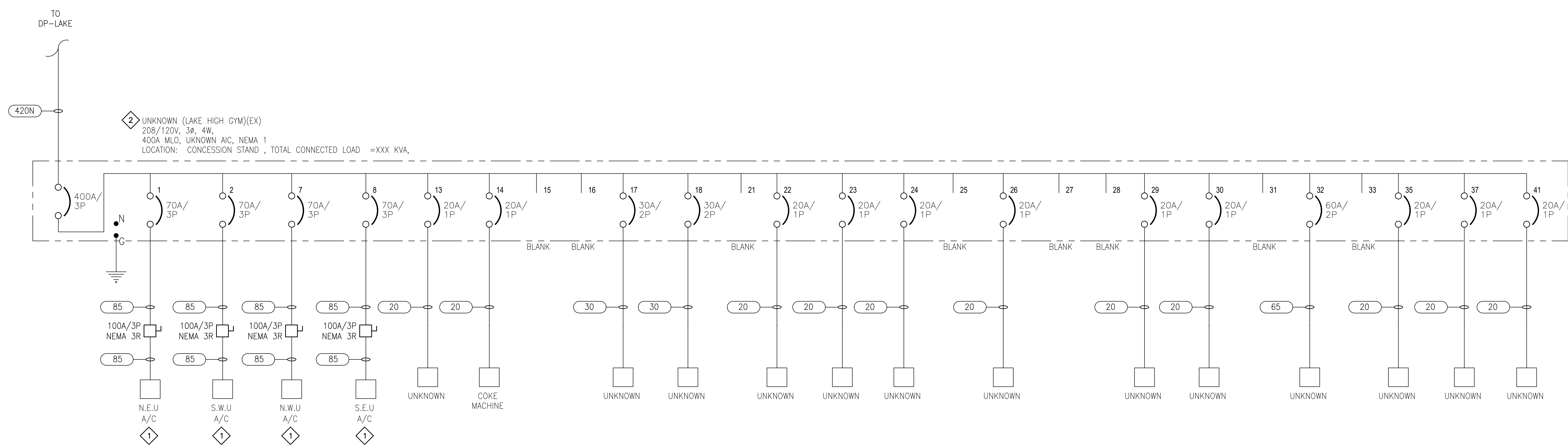
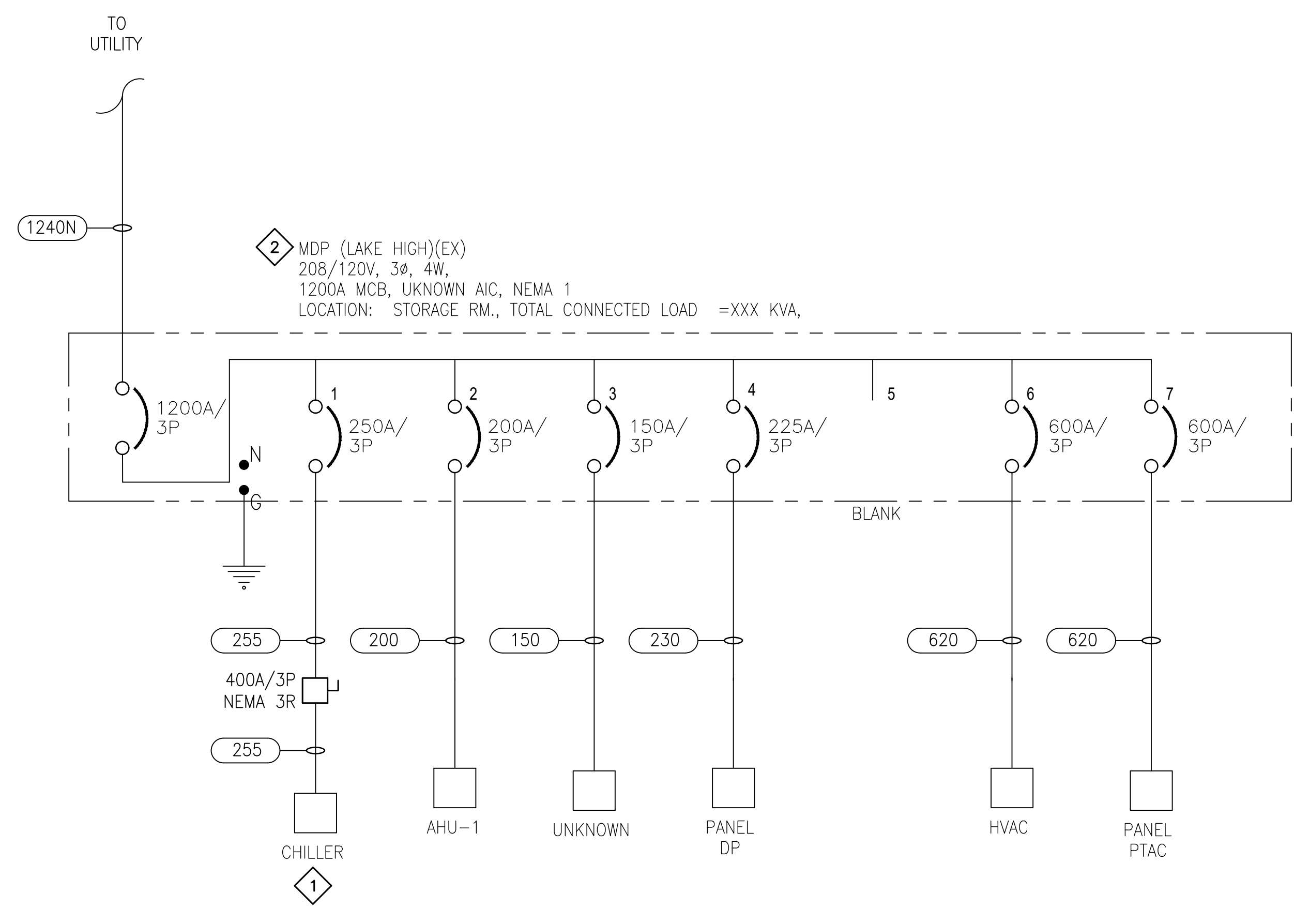
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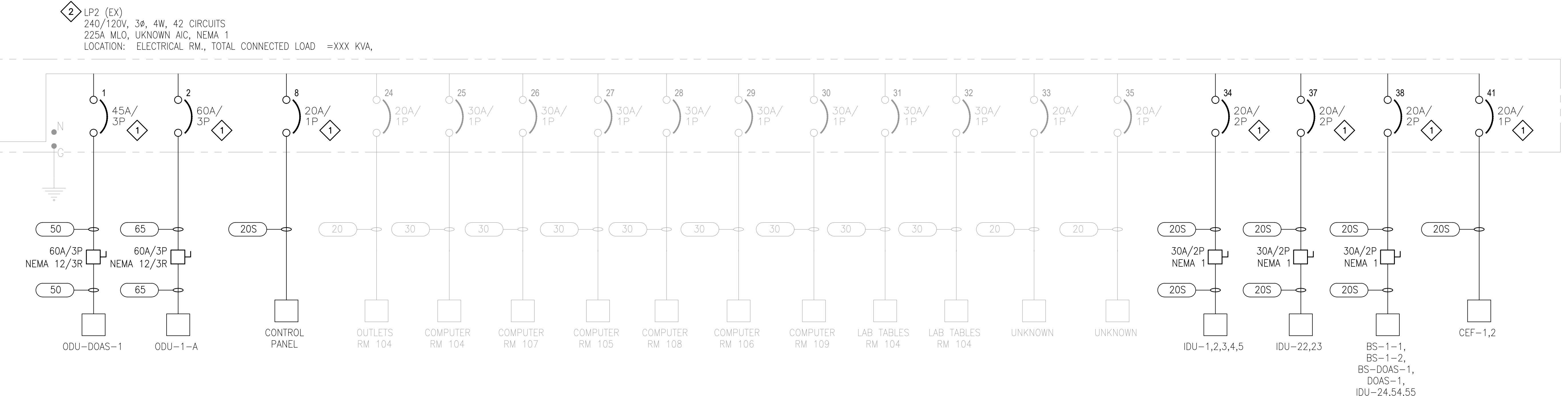
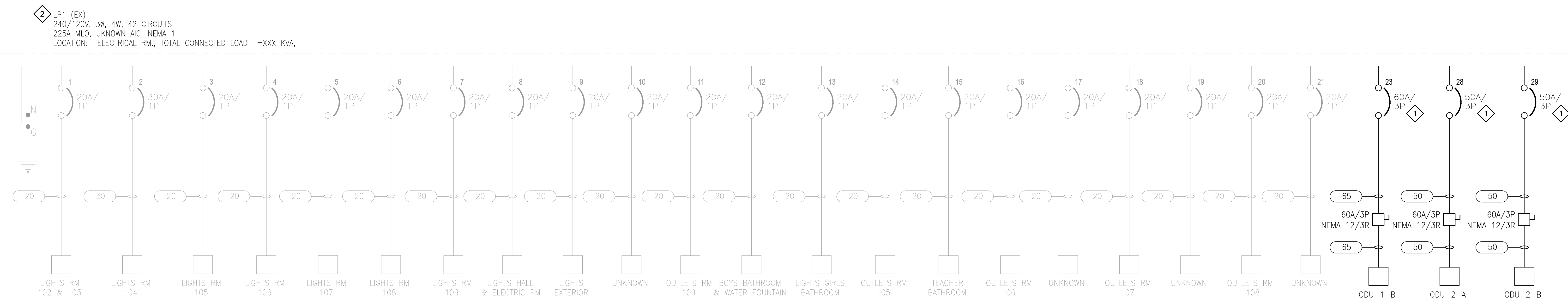
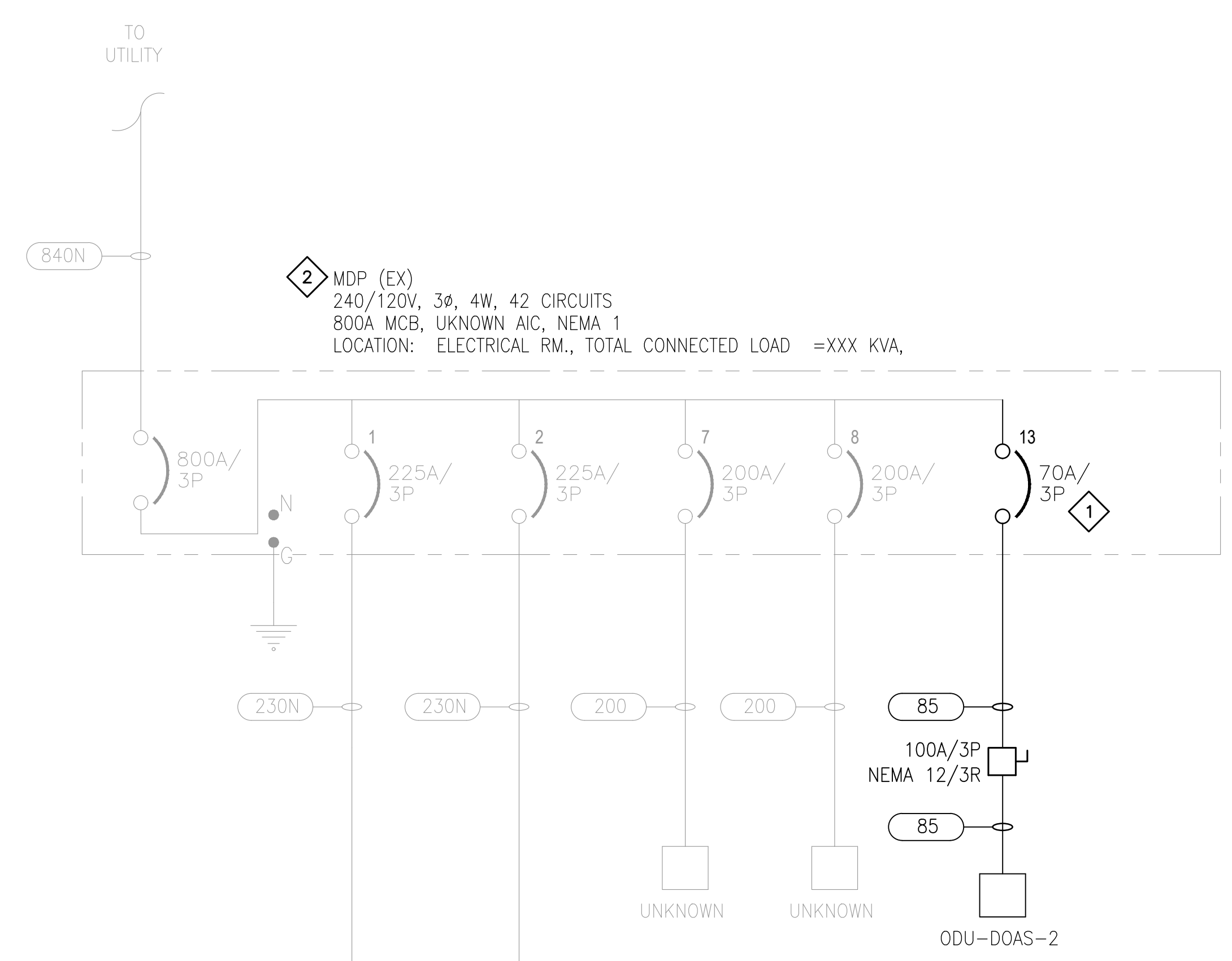
DRAWING E611 NOTES

- CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
- CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

DRAWING E611 SPECIFIC NOTES

- CONTRACTOR SHALL DEMOLISH EXISTING SAFETY SWITCH AND CONTROLS. CONTRACTOR SHALL DEMOLISH FEEDER BACK TO SOURCE. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
- CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN.





DRAWING E631 NOTES

1. CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR EXISTING PANEL BOARD. CONTRACTOR SHALL MODIFY EXISTING PANEL BOARD FOR NEW EQUIPMENT.

DRAWING E631 SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.

2. CONTRACTOR SHALL LEAVE EXISTING EQUIPMENT AS IS.



SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
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ELECTRICAL ONE-LINE DIAGRAM
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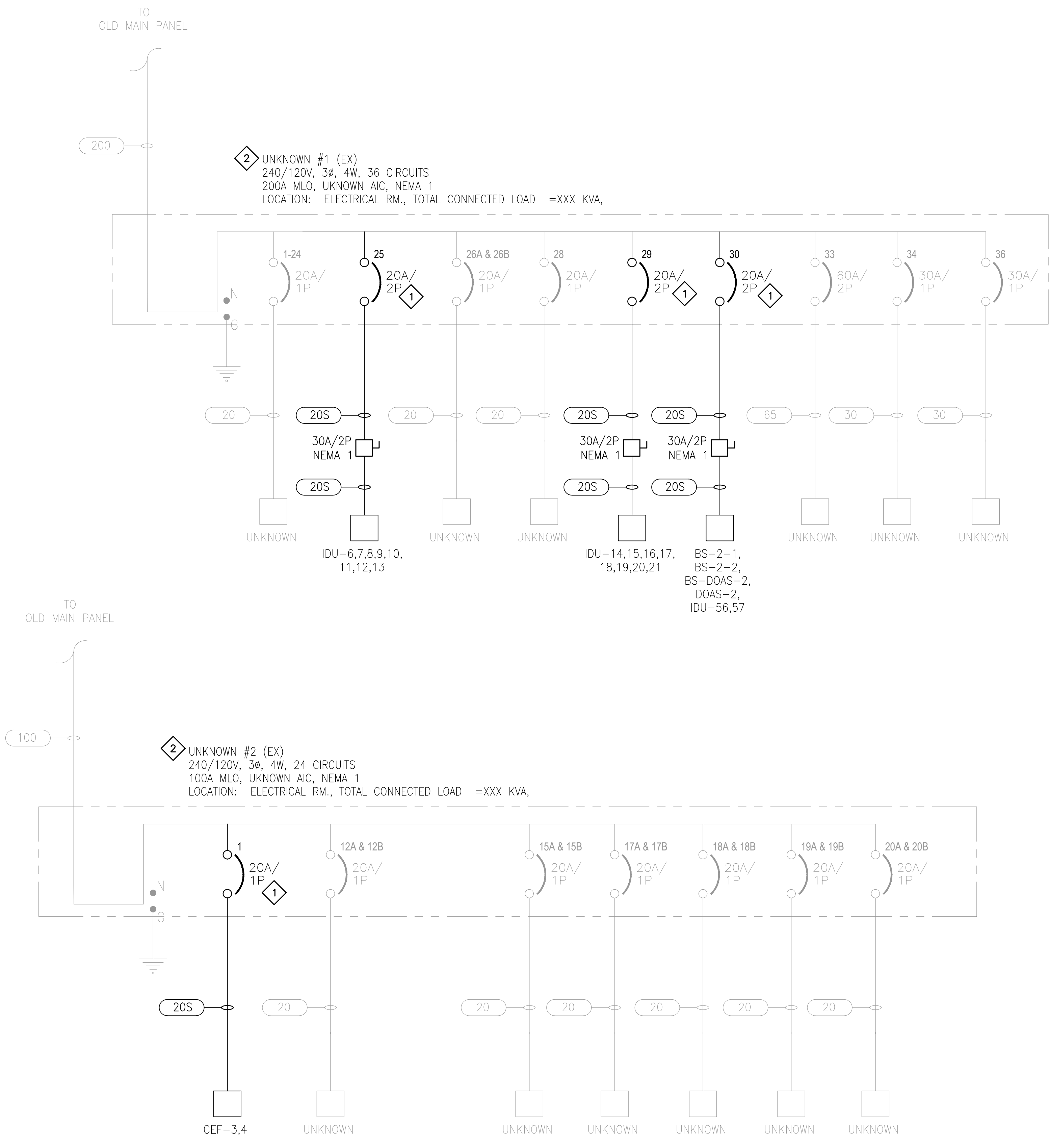
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DRAWING E632 NOTES

- CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR NEW PANEL BOARD. CONTRACTOR SHALL MODIFY NEW PANEL BOARD FOR EXISTING SPACE.

DRAWING E632 SPECIFIC NOTES

- CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.
- CONTRACTOR SHALL LEAVE EXISTING EQUIPMENT AS IS.

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BRADLEY P. PATANO
 PROFESSIONAL ENGINEER
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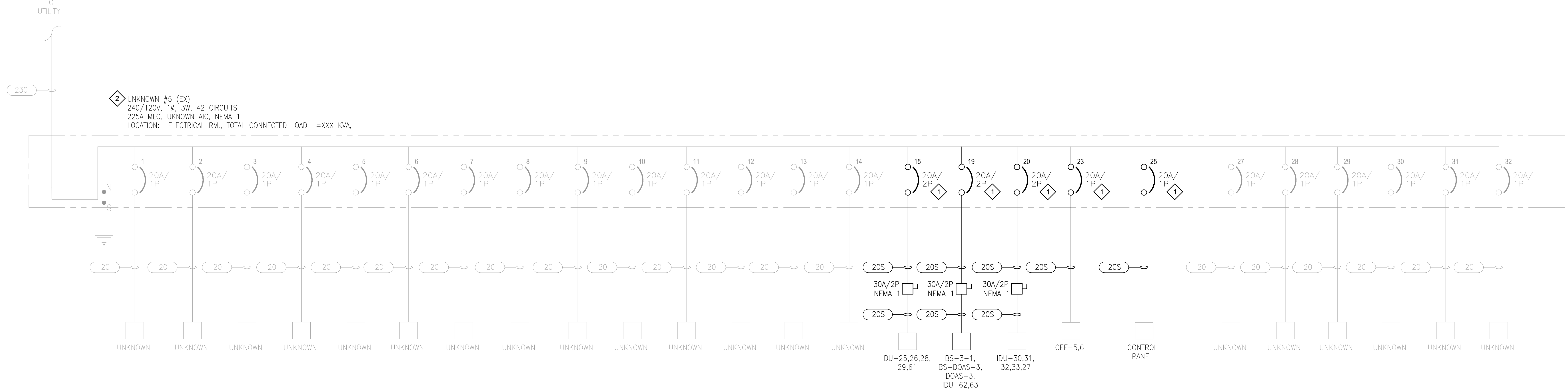
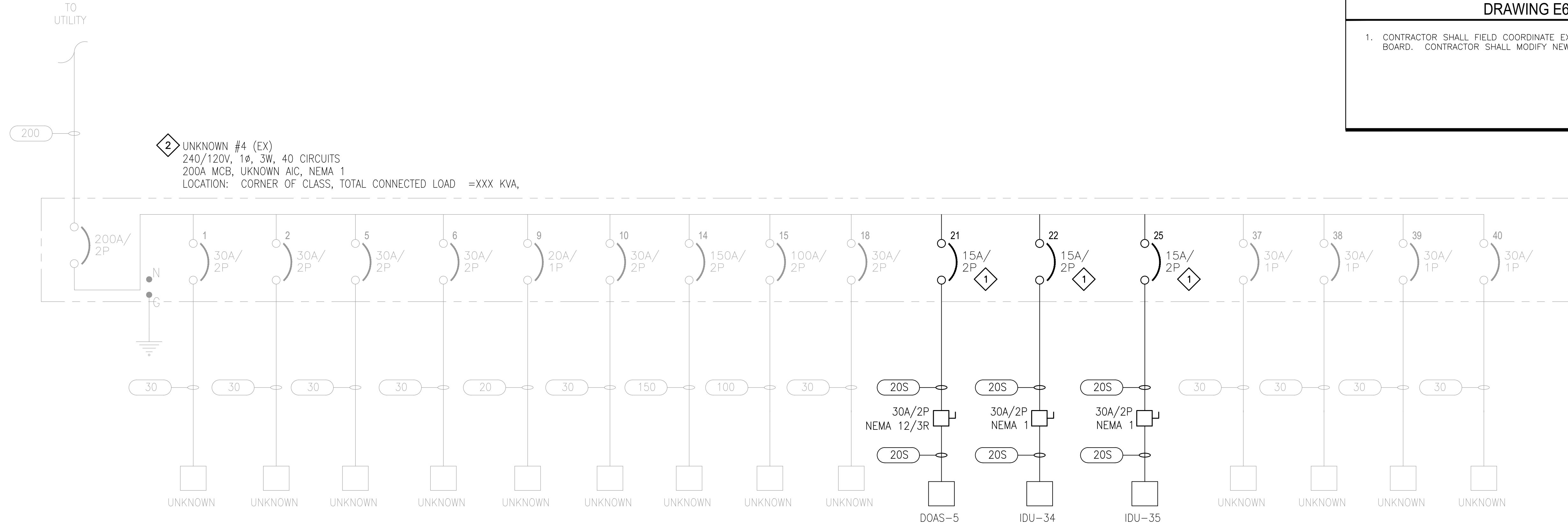
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DRAWING E633 NOTES

1. CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR NEW PANEL BOARD. CONTRACTOR SHALL MODIFY NEW PANEL BOARD FOR EXISTING SPACE.

DRAWING E633 SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.

2. CONTRACTOR SHALL LEAVE EXISTING EQUIPMENT AS IS.

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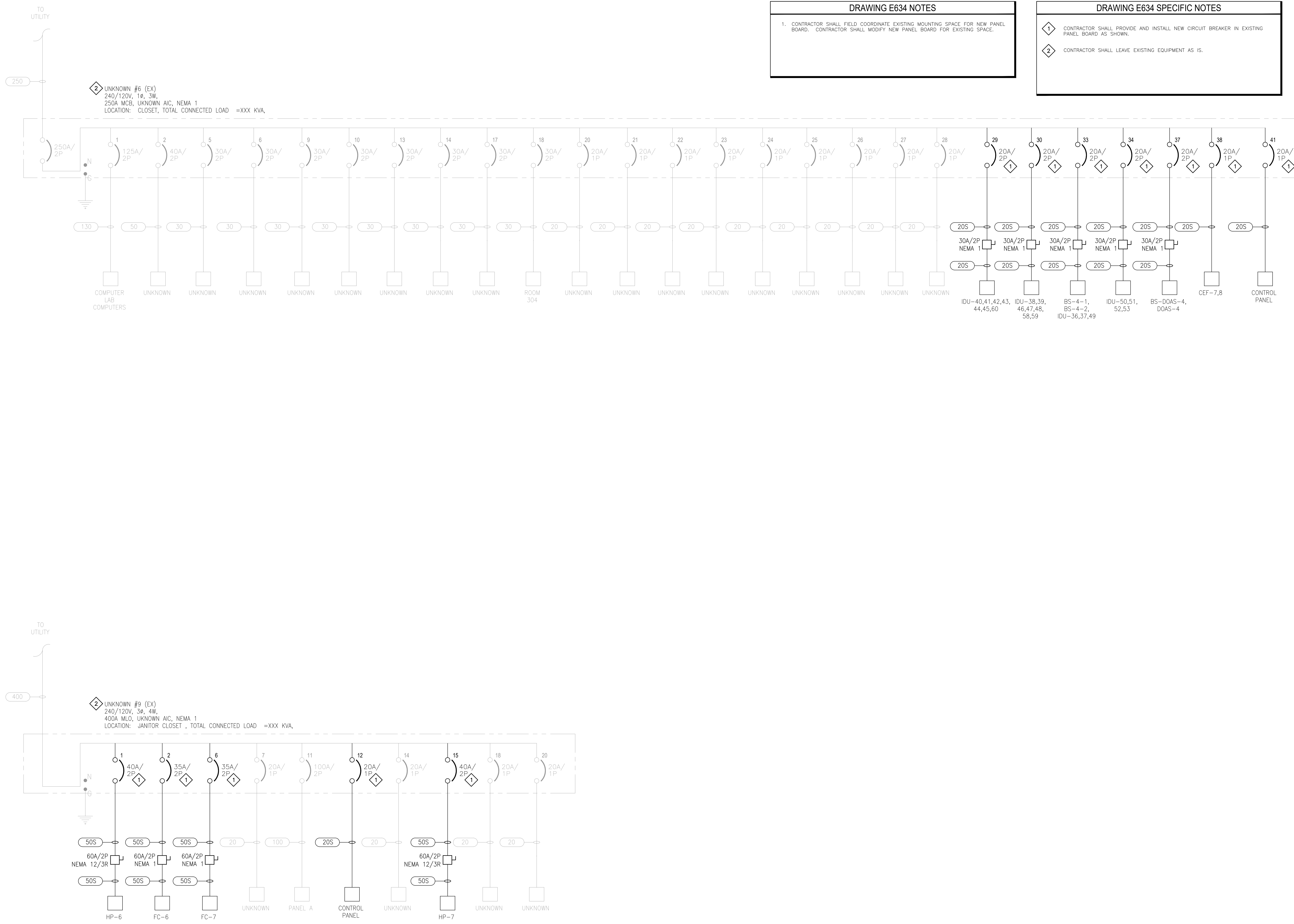
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DRAWING E634 NOTES

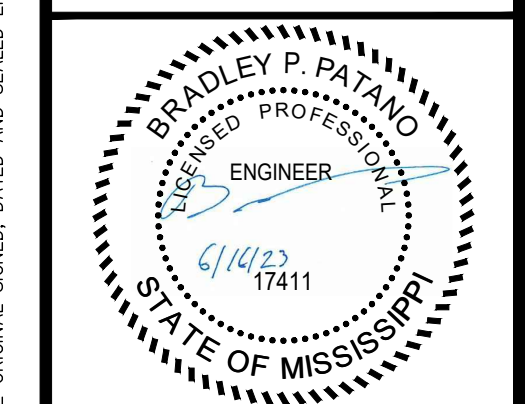
1. CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR NEW PANEL BOARD. CONTRACTOR SHALL MODIFY NEW PANEL BOARD FOR EXISTING SPACE.

DRAWING E634 SPECIFIC NOTES

- 1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.
- 2. CONTRACTOR SHALL LEAVE EXISTING EQUIPMENT AS IS.



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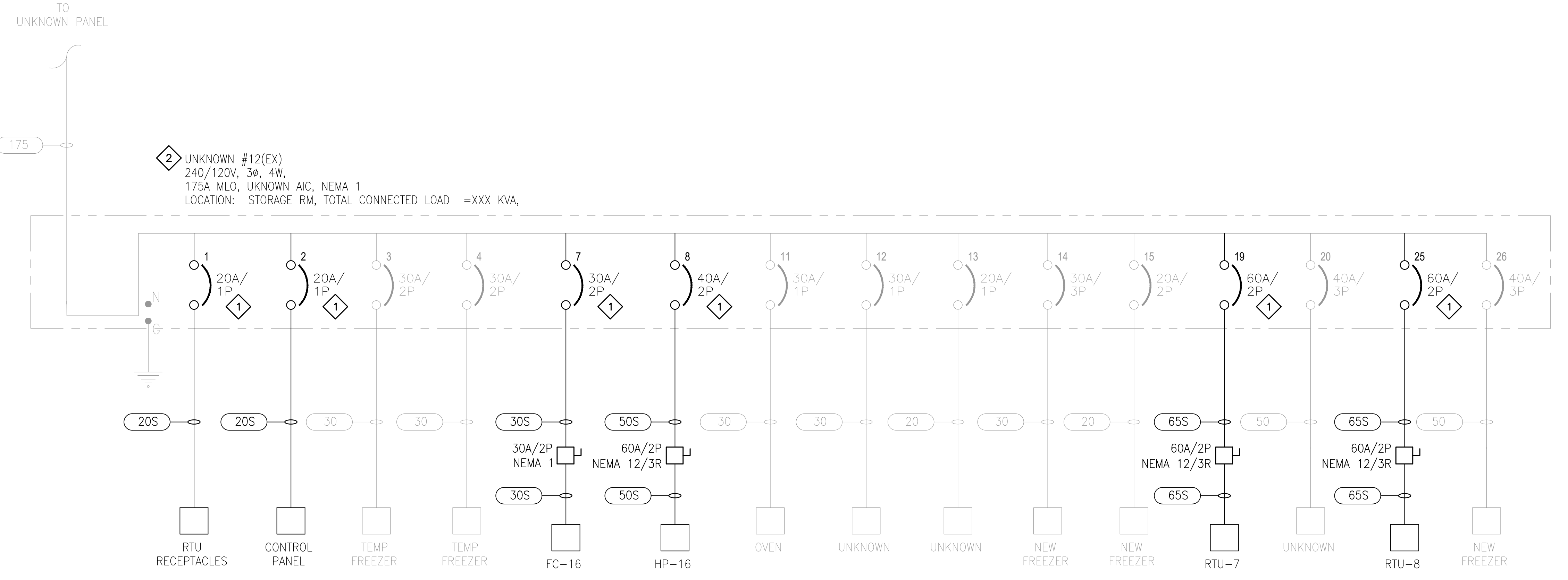
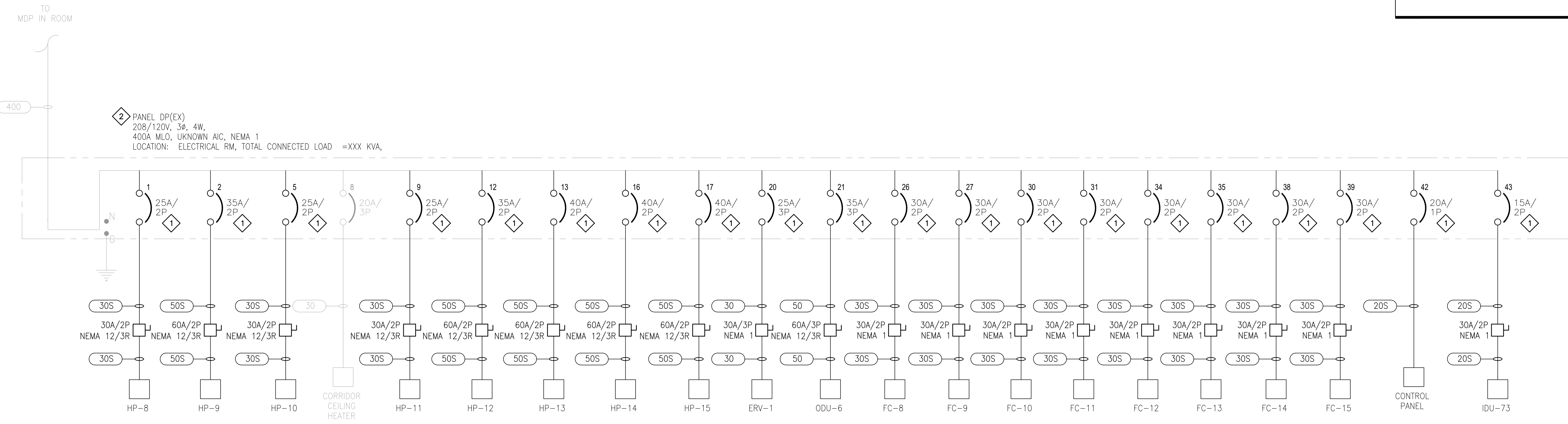
DRAWING E635 NOTES

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DRAWING E635 SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.

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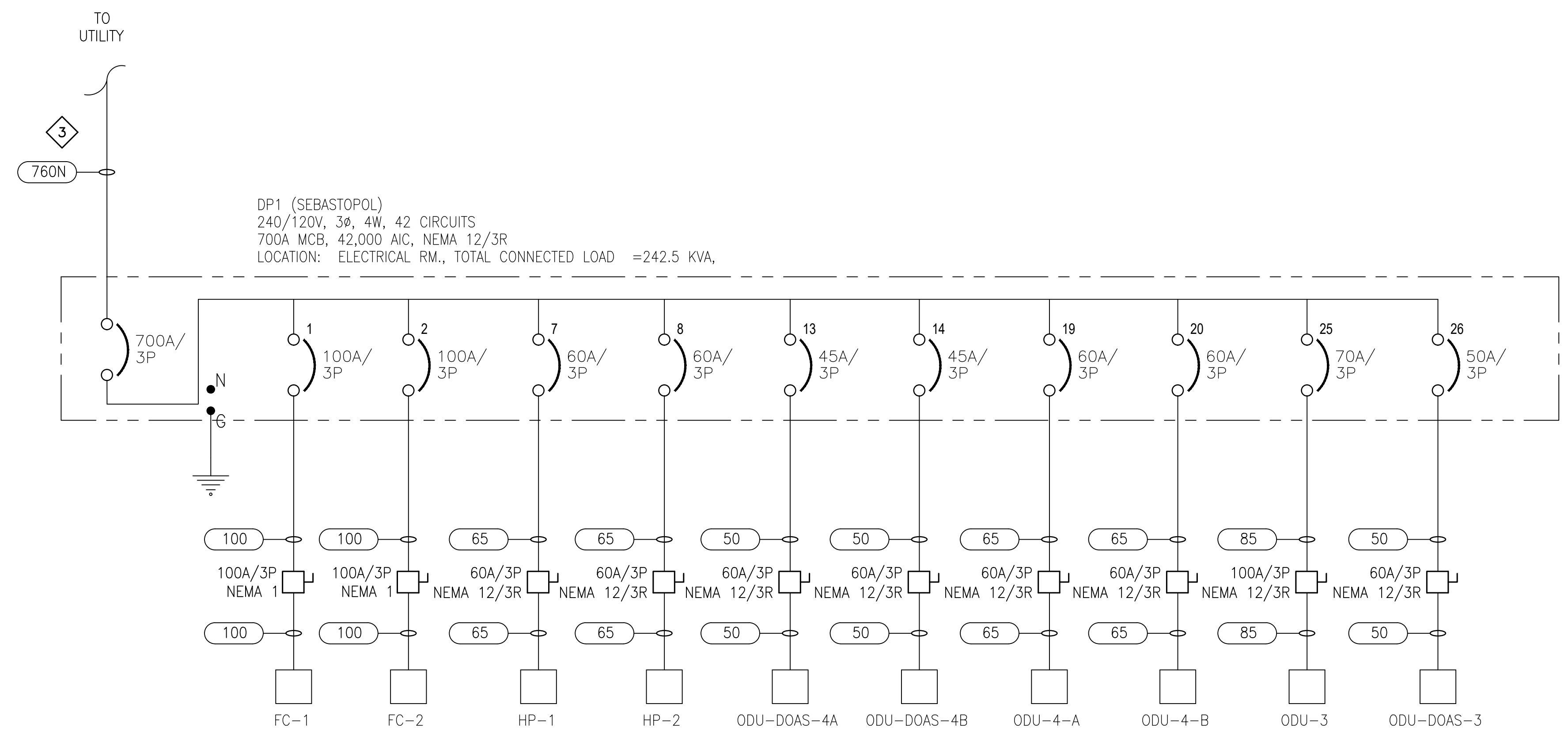
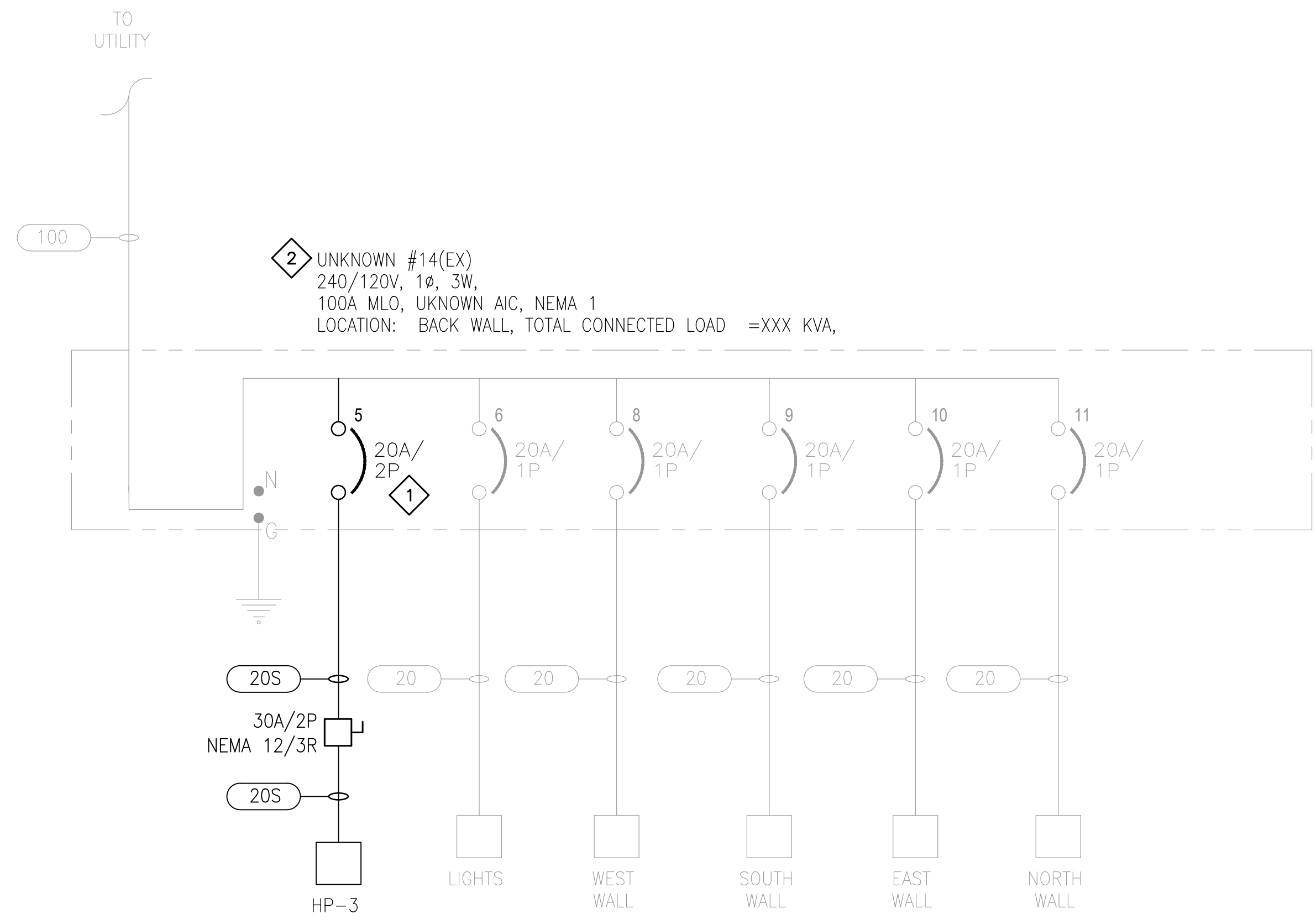
ELECTRICAL ONE-LINE DIAGRAM - SEBASTOPOL

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E635

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DRAWING E636 NOTES

- CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR NEW PANEL BOARD. CONTRACTOR SHALL MODIFY NEW PANEL BOARD FOR EXISTING SPACE.

DRAWING E636 SPECIFIC NOTES

- CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.
- CONTRACTOR SHALL LEAVE EXISTING EQUIPMENT AS IS.
- CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY WHEN CONNECTING TO EXISTING TRANSFORMER BANK ON SHEET E152.

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 Fernanda A. Silva, AIA

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: AS INDICATED
 PROJECT NO: 030323.001
 DRAWN BY: DLM
 CHECKED BY: KDB

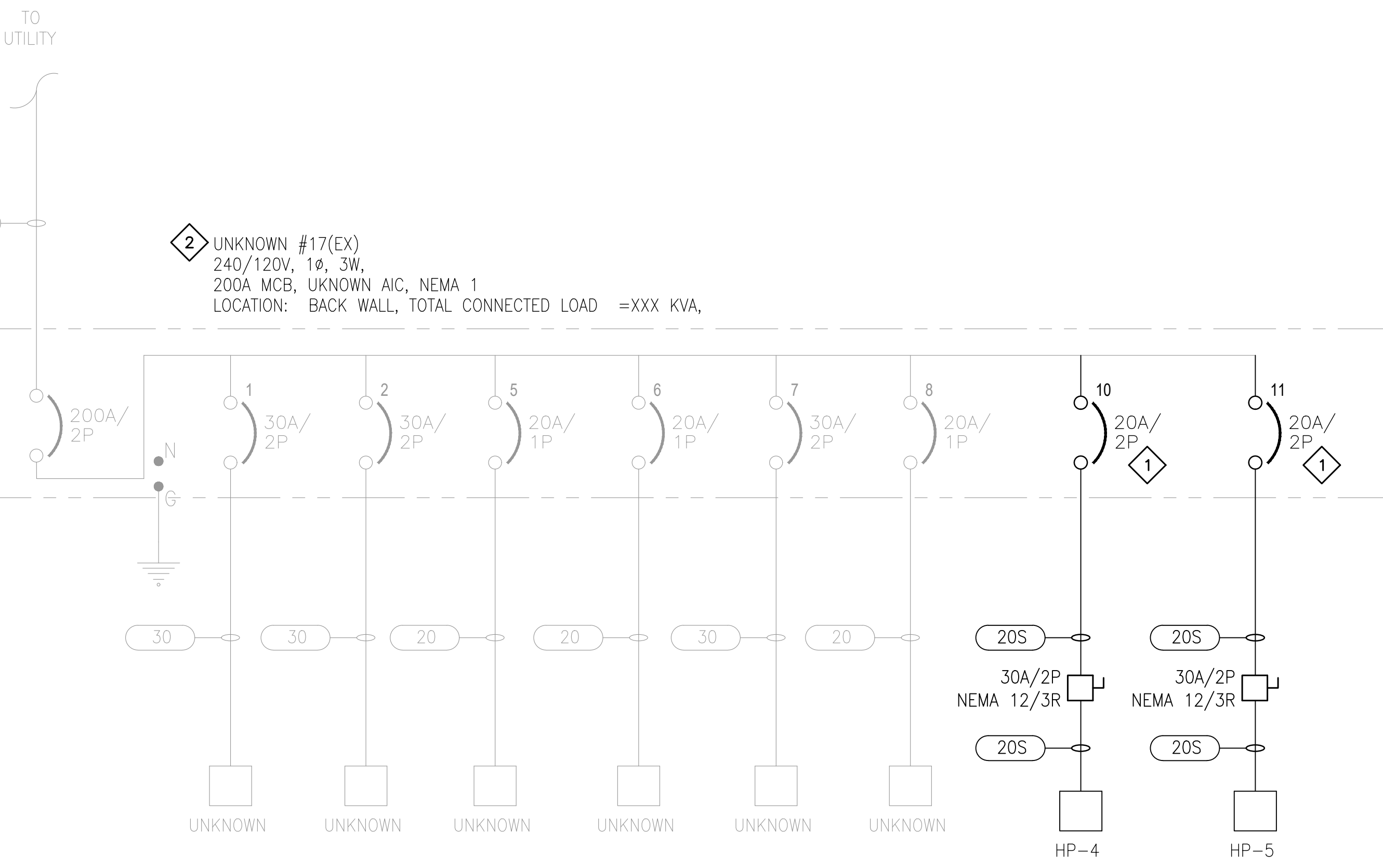
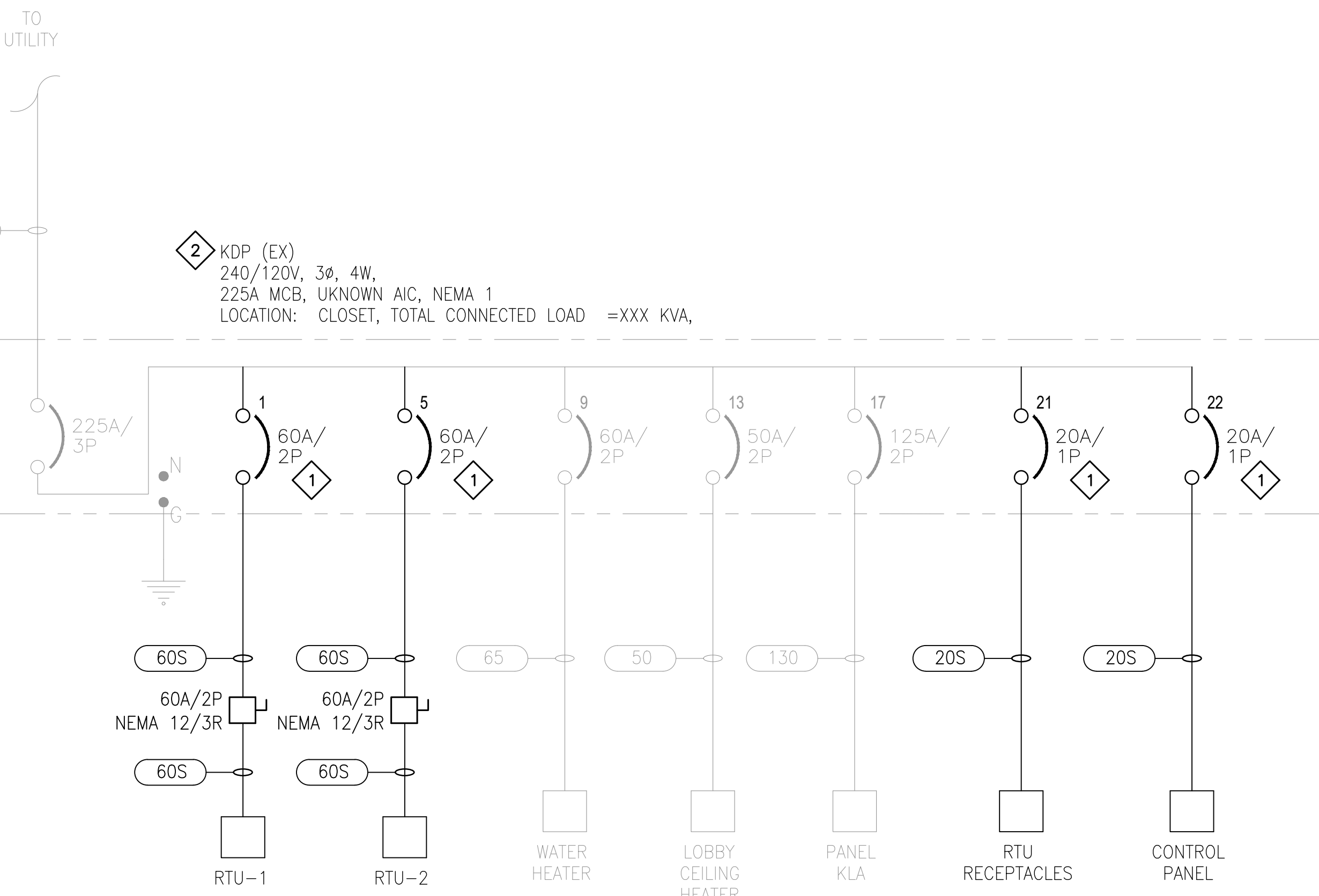
ELECTRICAL ONE-LINE DIAGRAM - SEBASTOPOL

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E636

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DRAWING E637 NOTES

1. CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR NEW PANEL BOARD. CONTRACTOR SHALL MODIFY NEW PANEL BOARD FOR EXISTING SPACE.

DRAWING E637 SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.

2. CONTRACTOR SHALL LEAVE EXISTING EQUIPMENT AS IS.

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 PROFESSIONAL ENGINEER
 LICENSE NO. 17411
 STATE OF MISSISSIPPI

SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
 110 COMMERCE LOOP
 FOREST, MS 39074

SCALE: AS INDICATED
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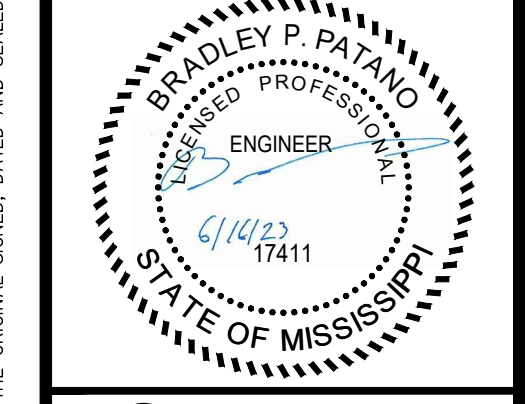
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 SEBASTOPOLE**

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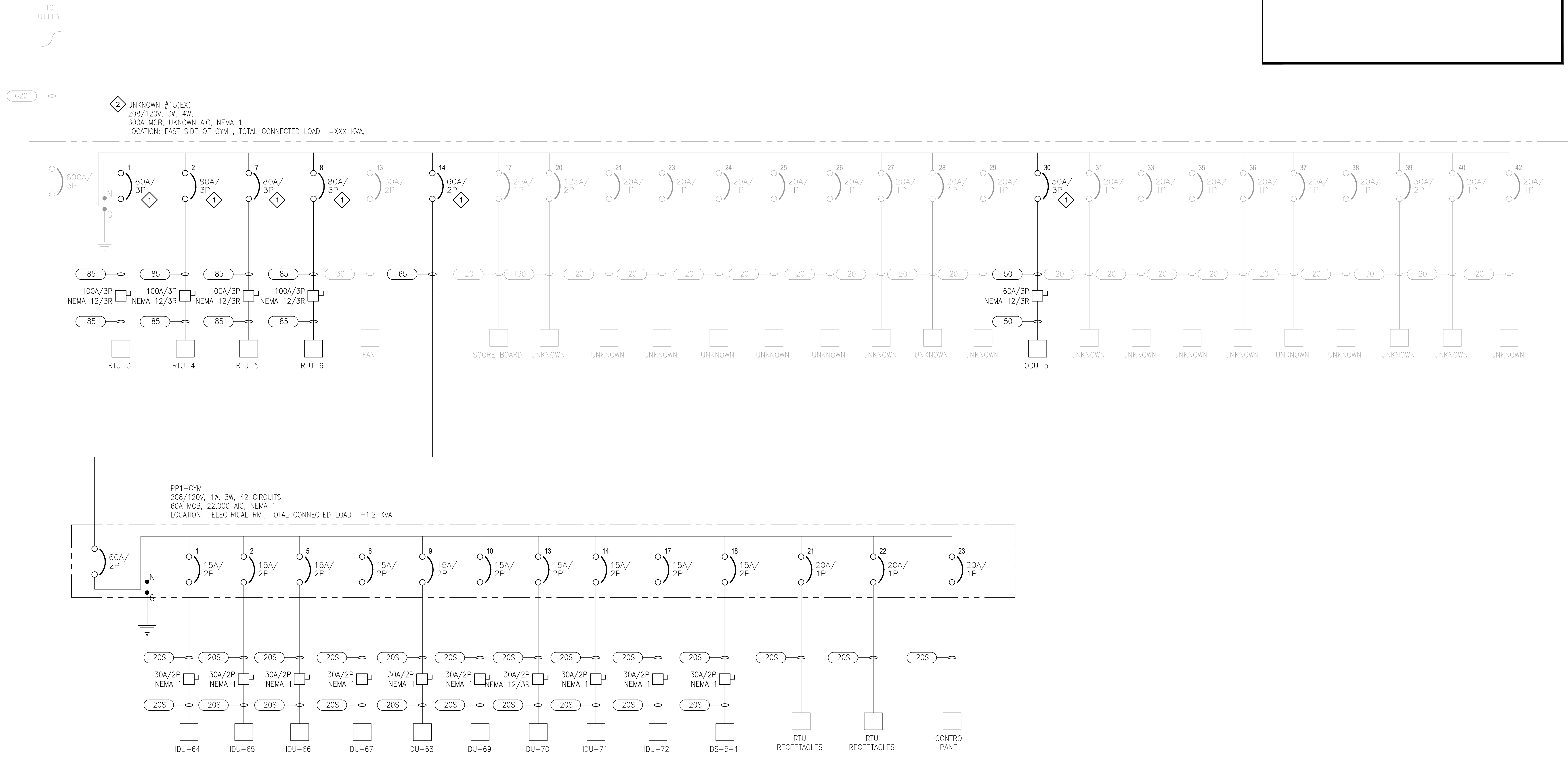
DRAWING E638 NOTES

1. CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR NEW PANEL BOARD. CONTRACTOR SHALL MODIFY NEW PANEL BOARD FOR EXISTING SPACE.

DRAWING E638 SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.

2. CONTRACTOR SHALL LEAVE EXISTING EQUIPMENT AS IS.



SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074

SCALE: AS INDICATED
PROJECT NO: 030323.001
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ELECTRICAL ONE-LINE DIAGRAM
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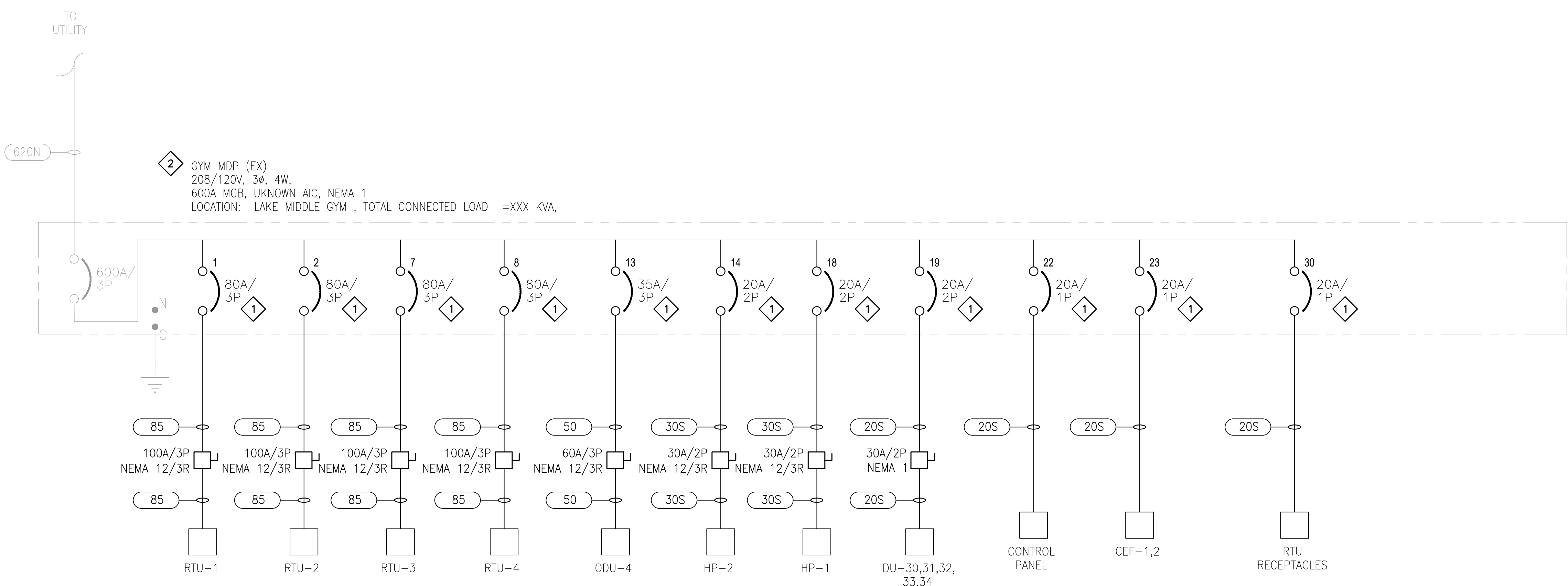
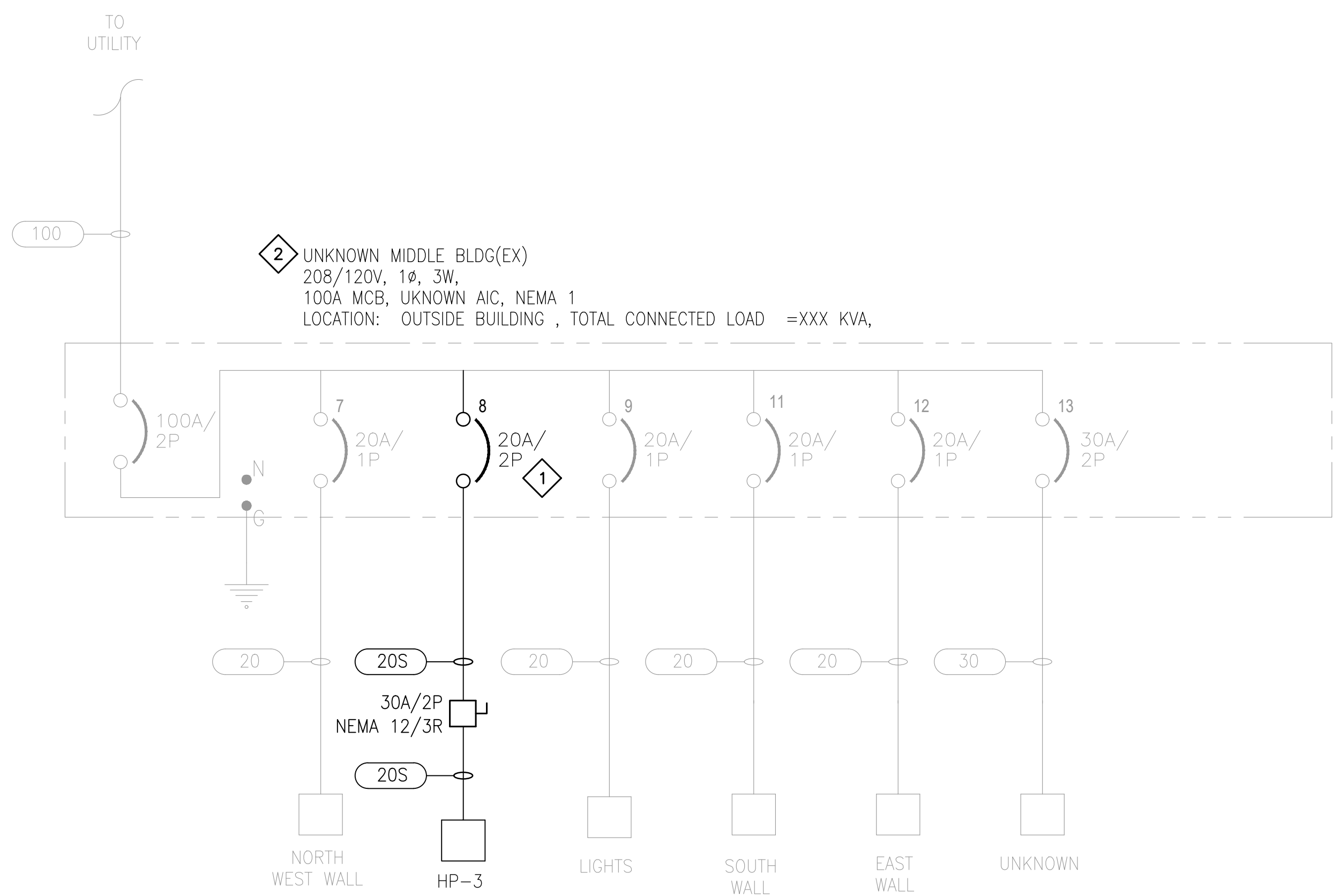
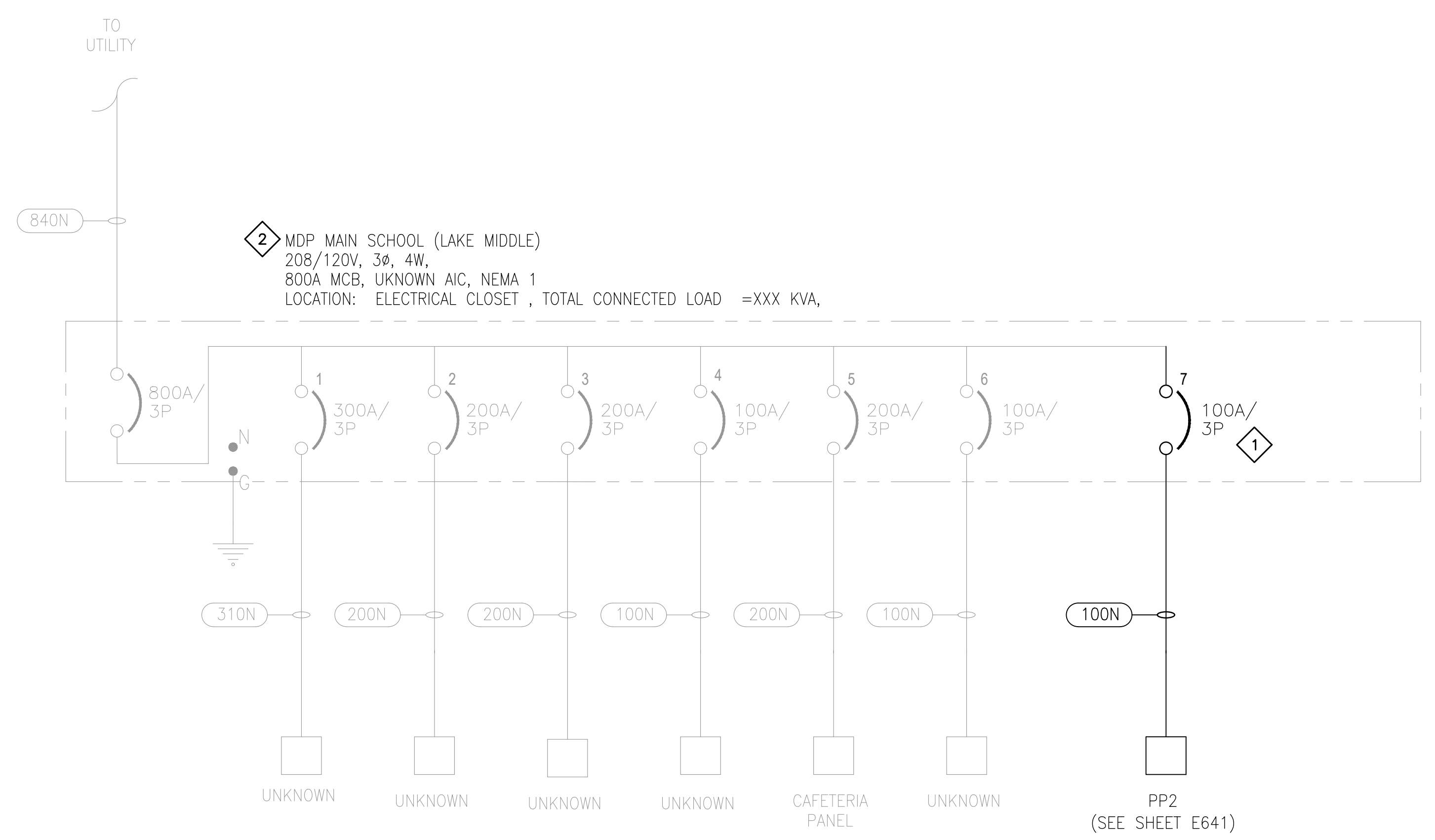
DRAWING E639 NOTES

1. CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR EXISTING PANEL BOARD. CONTRACTOR SHALL MODIFY EXISTING PANEL BOARD FOR NEW EQUIPMENT.

DRAWING E639 SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.

2. CONTRACTOR SHALL LEAVE EXISTING EQUIPMENT AS IS.

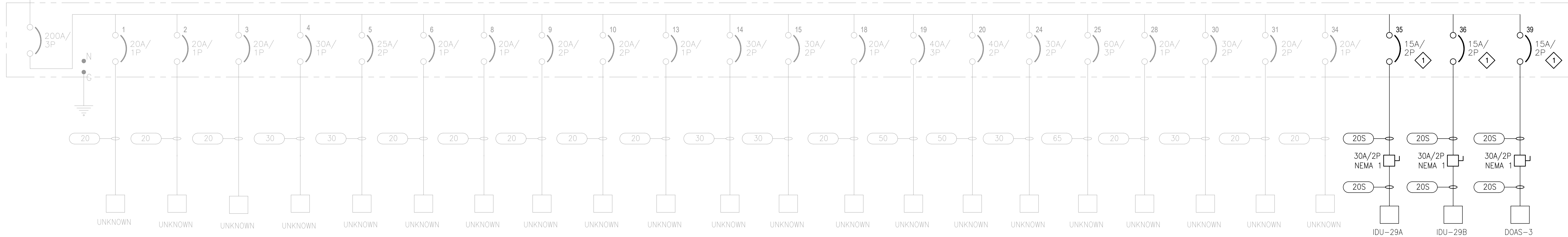


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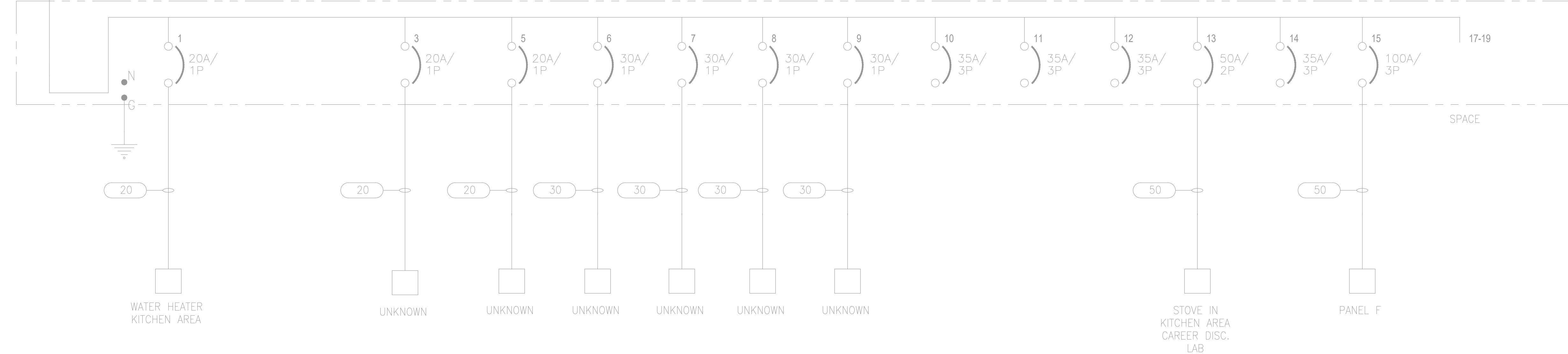
TO
MAIN PANEL FOR
SCHOOL
(SHEET E640)

200N
KITCHEN PANEL(EX)
208/120V, 3Ø, 4W,
200A MCB, UNKNOWN AIC, NEMA 3R
LOCATION: EXTERIOR OF KITCHEN , TOTAL CONNECTED LOAD =XXX KVA,



TO
MAIN PANEL FOR
SCHOOL
(SHEET E640)

310N
PANEL D (EX)(SECTION 1)
208/120V, 3Ø, 4W,
300A MLO, UNKNOWN AIC, NEMA 1
LOCATION: LIBRARY RM. , TOTAL CONNECTED LOAD =XXX KVA,



DRAWING E640 NOTES

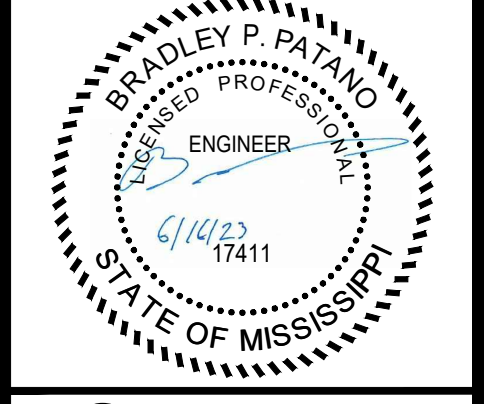
- 1. CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR NEW PANEL BOARD. CONTRACTOR SHALL MODIFY PANELBOARD ENCLOSURES AS NEEDED IN ORDER TO ACCOMMODATE NEW PANELBOARD. CONTRACTOR SHALL PROVIDE AND INSTALL CABLE TROUGHS AS REQUIRED.

DRAWING E640 SPECIFIC NOTES

- 1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL BOARD AS SHOWN.
- 2. CONTRACTOR SHALL LEAVE EXISTING EQUIPMENT AS IS.
- 3. CONTRACTOR SHALL PROVIDE AND INSTALL NEW PANEL BOARD. CONTRACTOR SHALL VERIFY LOCATION OF PANEL BOARD.



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Brad P. Patano, PE
Gerrod W. Kilpatrick, PE
Bradford A. Jones, AIA
Fernanda A. Silva, AIA



**SCOTT COUNTY SCHOOL DISTRICT HVAC UPGRADES
SCOTT COUNTY SCHOOL DISTRICT
110 COMMERCE LOOP
FOREST, MS 39074**

SCALE: AS INDICATED
PROJECT NO: 030323.001
DRAWN BY: DLM
CHECKED BY: KDB

**ELECTRICAL ONE-LINE DIAGRAM-
LAKE MIDDLE**

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DRAWING E641 NOTES

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DRAWING E641 SPECIFIC NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW PANEL BOARD.

2. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY WHEN CONNECTING NEW FEED TO EXISTING TRANSFORMERS.

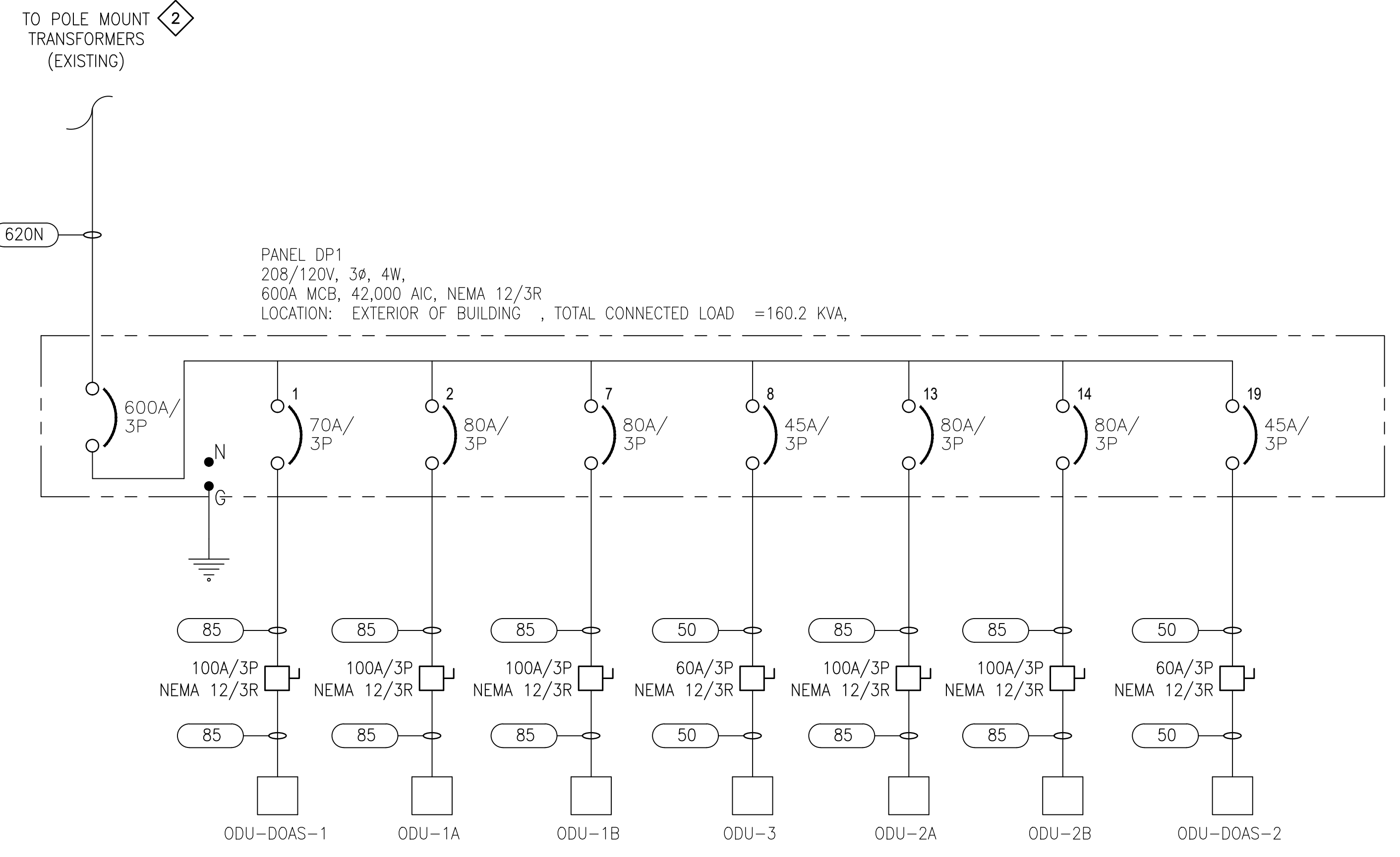
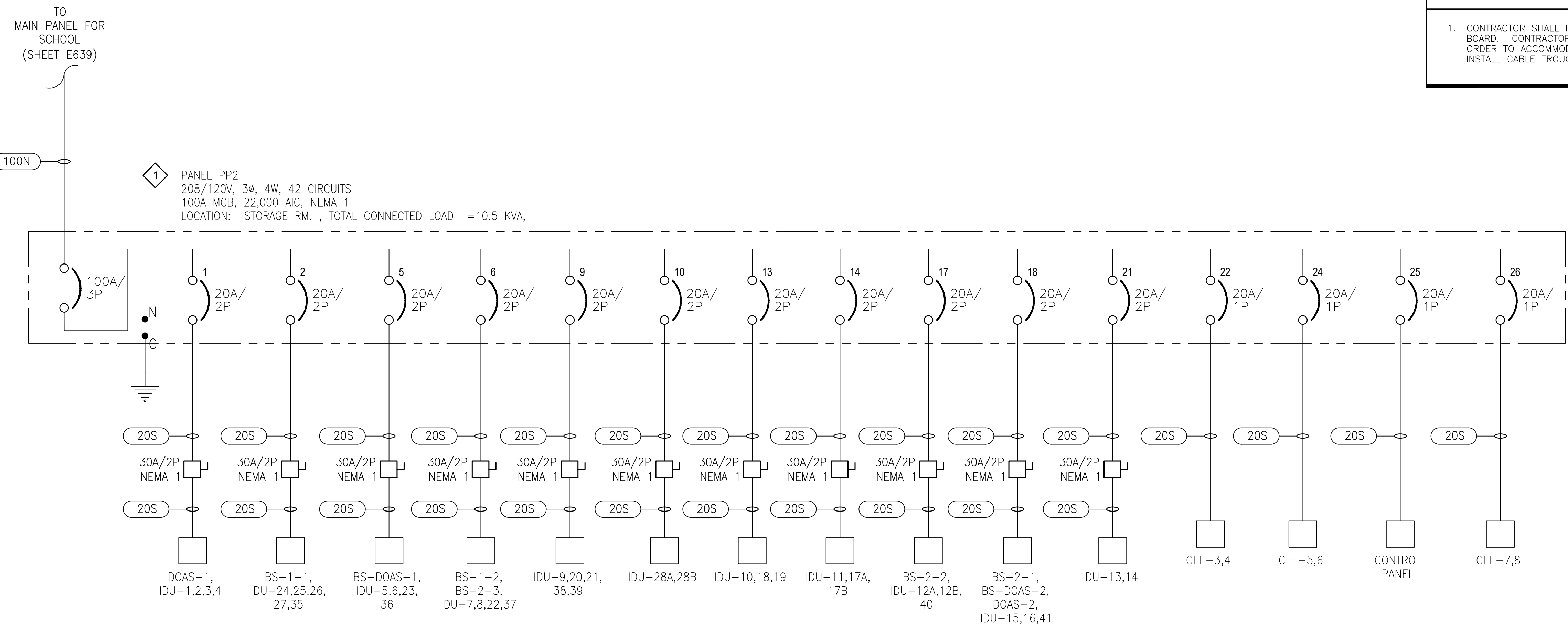
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BRADLEY P. PATANO
REGISTERED PROFESSIONAL ENGINEER
6/14/23
STATE OF MISSISSIPPI



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