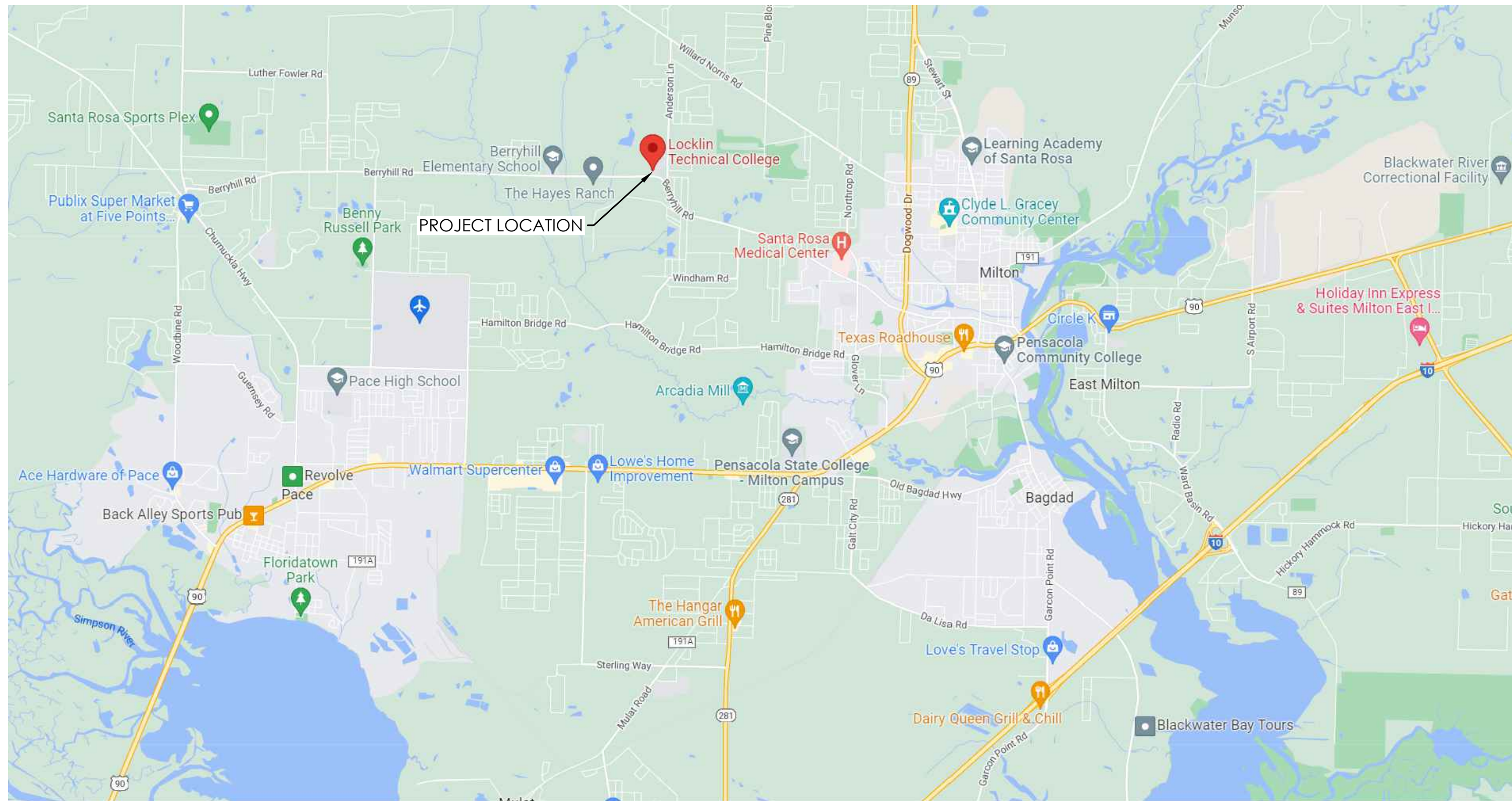


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BUILDING 13 ENERGY UPGRADES
LOCKLIN TECHNICAL COLLEGE
5330 BERRYHILL RD.
MILTON, FL 32570



 1 LOCATION MAP
NOT TO SCALE

OWNER REPRESENTATIVES:

JOSEPH B. "JOEY" HARRELL
ASSISTANT SUPERINTENDENT FOR
ADMINISTRATIVE SERVICES

RICHARD LAING
SUPERVISOR OF BUILDING MAINTENANCE

RICK GRIMES
MAINTENANCE FOREMAN II

JOE GILLMAN
BUILDING AND ENERGY MANAGEMENT

SANTA ROSA COUNTY SCHOOL DISTRICT
ADMINISTRATIVE SUPPORT COMPLEX
6544 FIREHOUSE ROAD
MILTON, FL 32570

DESIGN TEAM:

MECHANICAL ENGINEER:
ANTON LEE, PE
ANTON LEE ENGINEERING, LLC
PENSACOLA, FL 32514

ELECTRICAL ENGINEER:
CALEB LEONARD, PE
HG CONSULTING ENGINEERS
4286 WOODBINE RD., SUITE D
PACE, FL 32571



ANTON LEE ENGINEERING, LLC
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PENSACOLA, FL 32514

CERT. OF AUTHORIZATION:
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ALABAMA 5685-E

BUILDING 13
ENERGY UPGRADES
SANTA ROSA COUNTY SCHOOL DISTRICT
LOCKLIN TECHNICAL COLLEGE
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Revision		
No.	Date:	Description:

Drawn By: AL
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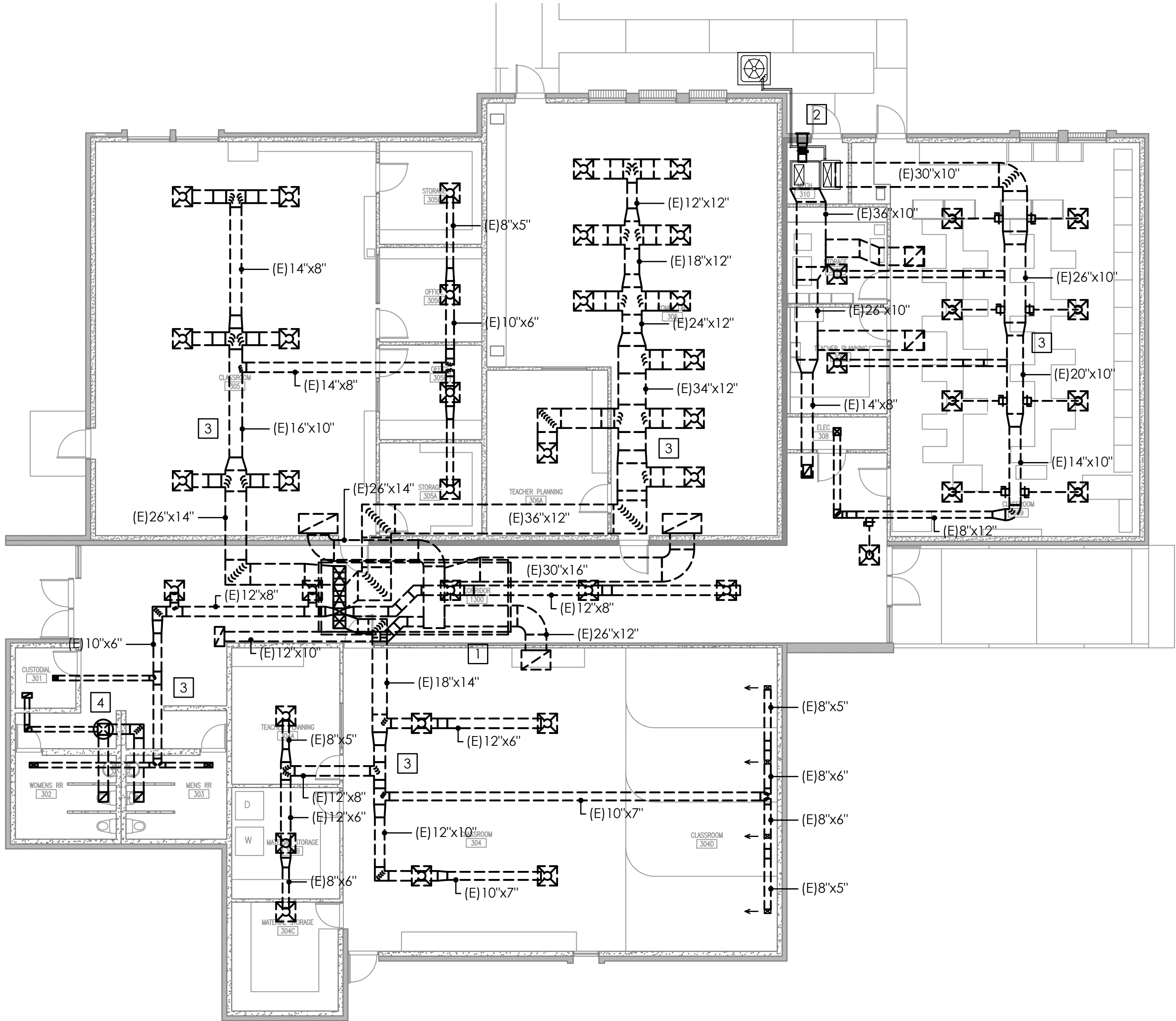
Date: 07-15-2022

AL Project No: 22-113

Drawing Title:
COVER SHEET AND
DRAWING INDEX

Drawing No.:
G001

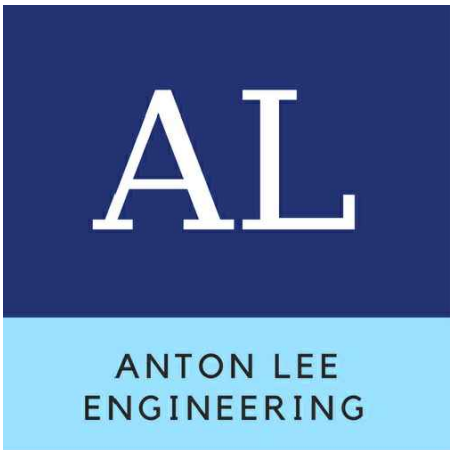
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 1 MECHANICAL DEMOLITION PLAN
8' 0' 8' 16'
SCALE: 1/8"=1'-0"

KEY NOTES

- 1 DEMOLISH EXISTING PACKAGED DX ROOFTOP UNIT, DUCTWORK, AND CONTROLS.
- 2 EXISTING SPLIT SYSTEM DX HEAT PUMP UNIT TO REMAIN BOTH INDOOR AND OUTDOOR UNITS. DEMOLISH OA DUCT, CAP LOUVER WITH INSULATED METAL PANEL.
- 3 DEMOLISH EXISTING DUCTWORK, GRILLES AND DIFFUSER.
- 4 DEMOLISH EXISTING ROOFTOP EXHAUST FAN, DUCTWORK AND CONTROLS.



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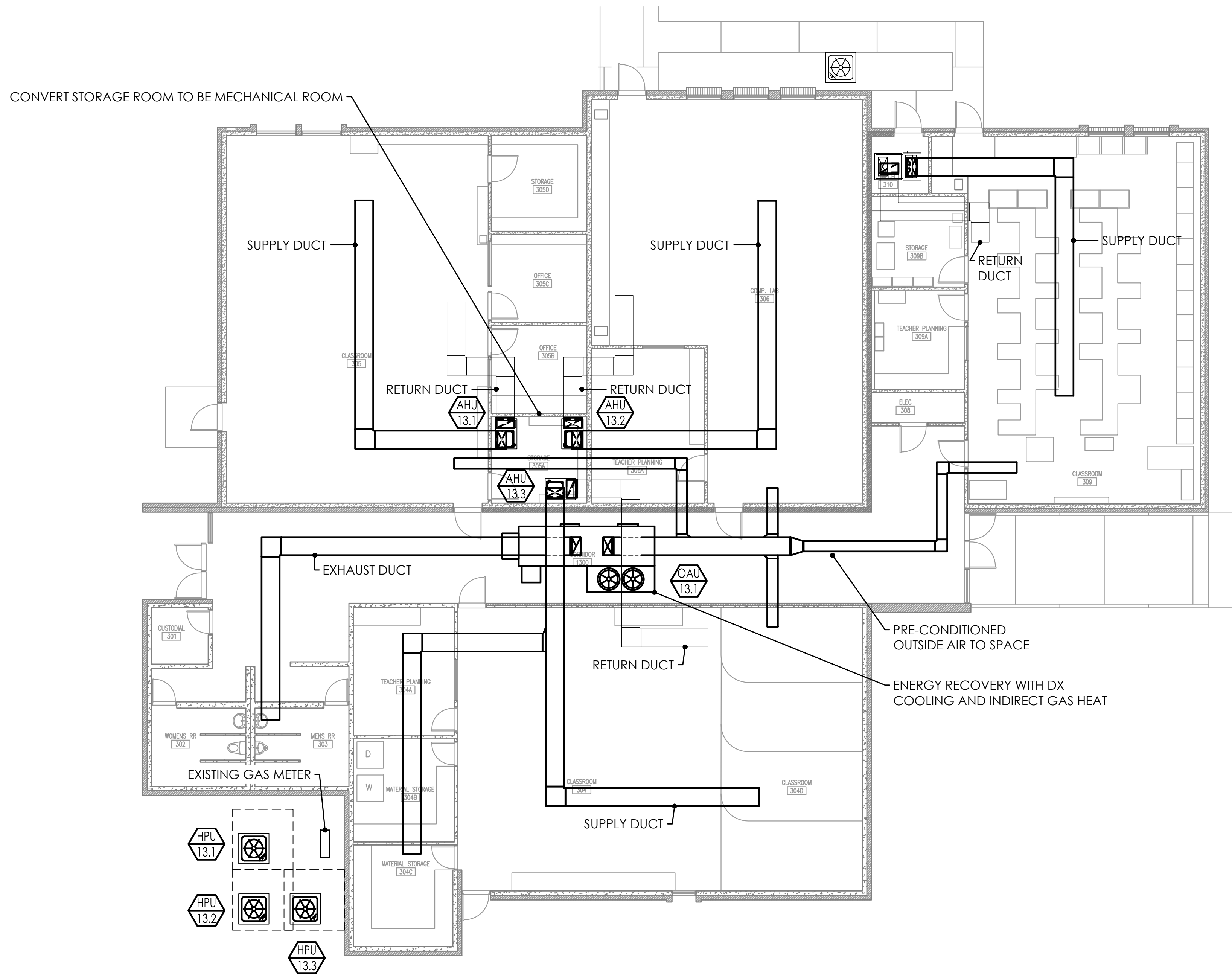
Date: 07-15-2022

AL Project No: 22-113

Drawing Title:
MECHANICAL
DEMOLITION PLAN

Drawing No.:
M101

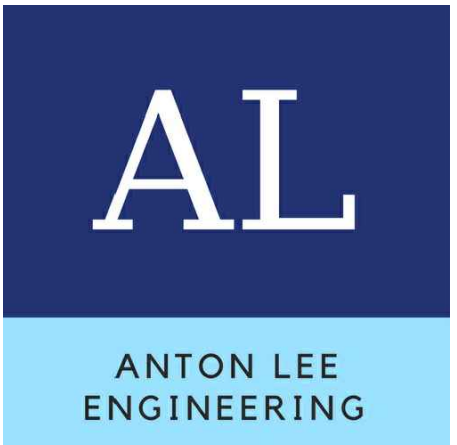
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1 MECHANICAL PLAN

8' 0' 8' 16'

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



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Drawn By: AL
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AL Project No: 22-113

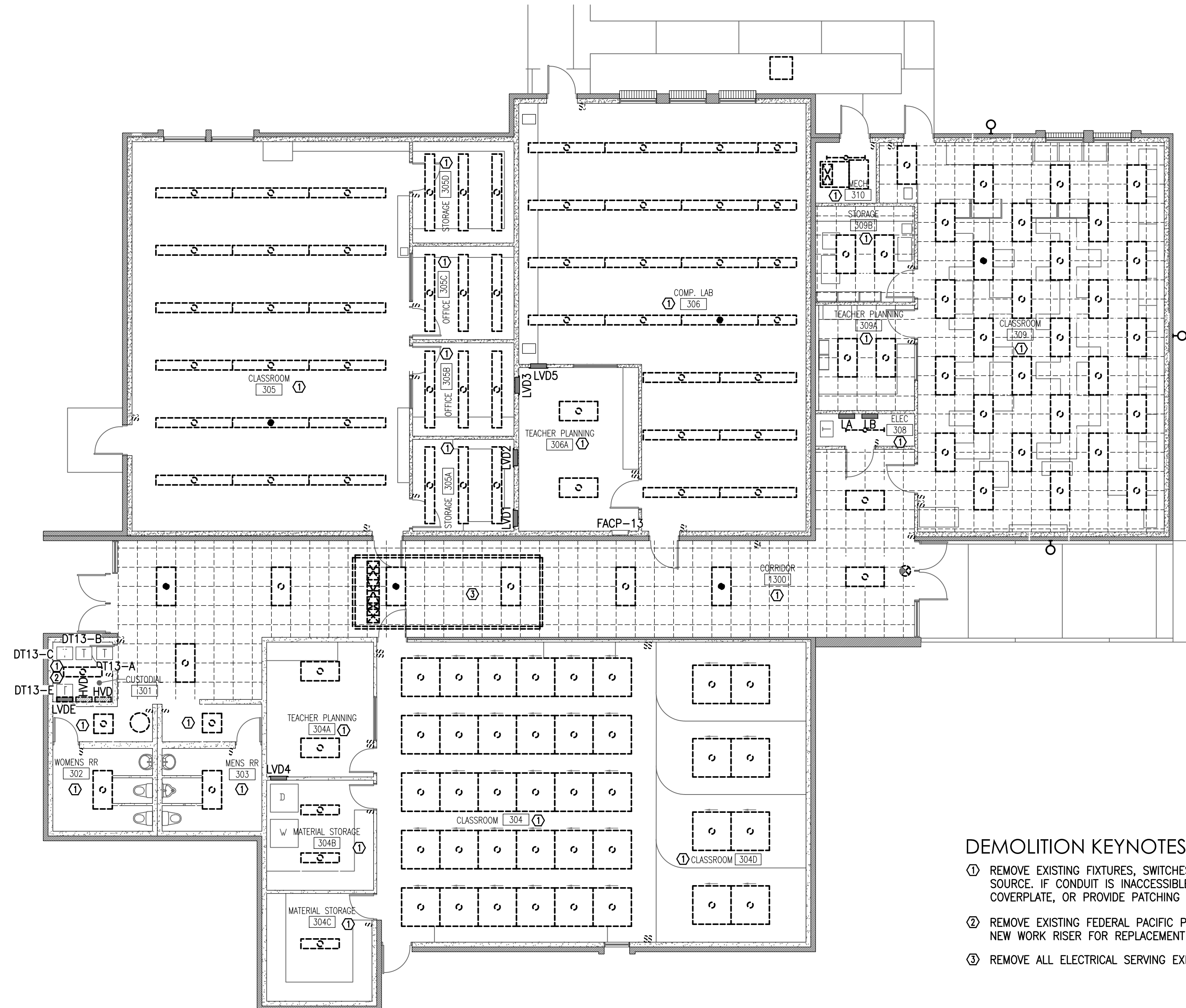
Drawing Title:
MECHANICAL PLAN

Drawing No.:
M201

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SPECIAL DEMOLITION NOTE

THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT INDICATED (FIXTURES & DEVICES) MAY VARY FROM DRAWING. EXISTING CONDITIONS AND DEMOLITION WORK WAS DETERMINED BY SITE OBSERVATION AND REVIEW OF EXISTING DOCUMENTS WITHOUT THE BENEFIT OF DESTRUCTIVE INVESTIGATION. VERIFY ACTUAL LOCATIONS, TYPES, AND QUANTITIES OF EQUIPMENT AND APPLY DEMOLITION NOTES AS APPROPRIATE FOR THE EQUIPMENT AND ROOM OR AREA.

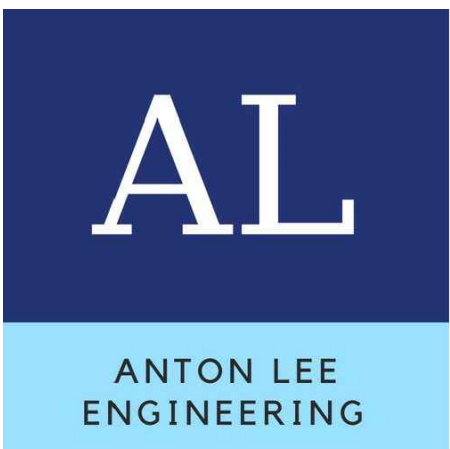


DEMOLITION KEYNOTES

- ① REMOVE EXISTING FIXTURES, SWITCHES, CONDUIT AND WIRING IN THIS AREA BACK TO SOURCE. IF CONDUIT IS INACCESSIBLE FOR REMOVAL, PROVIDE FINISHED BLANK COVERPLATE, OR PROVIDE PATCHING OF WALL TO CONCEAL ABANDONED CONDUIT.
- ② REMOVE EXISTING FEDERAL PACIFIC PANELS IN THIS AREA. SEE DEMO RISER. REFER TO NEW WORK RISER FOR REPLACEMENT PANELS.
- ③ REMOVE ALL ELECTRICAL SERVING EXISTING MEC UNIT.

ELECTRICAL DEMOLITION NOTES

1. PLANNED INTERRUPTIONS OF UTILITY SERVICE TO ANY FACILITY OR AREAS WITHIN ANY FACILITY AFFECTED BY THIS CONTRACT, SHALL BE CAREFULLY PLANNED AND COORDINATED WITH THE FACILITY PERSONNEL IN ADVANCE OF THE REQUESTED INTERRUPTION. THE CONTRACTOR SHALL NOT INTERRUPT SERVICES UNTIL SPECIFIED APPROVAL HAS BEEN GRANTED. THE REQUEST SHALL INDICATE SERVICES AND AREAS TO BE AFFECTED, DATE AND TIME OF INTERRUPTION AND DURATION OF OUTAGE. REQUEST FOR INTERRUPTION OF SERVICE WILL NOT BE APPROVED UNTIL ALL EQUIPMENT AND MATERIAL REQUIRED FOR THE COMPLETION OF THAT PARTICULAR PHASE OF WORK ARE ON THE JOB SITE.
2. ALL DEMOLITION WORK REQUIRED SHALL BE PERFORMED WITH CARE SO AS NOT TO INTERRUPT OTHER EXISTING SERVICES (WATER, GAS, ELECTRICAL, SEWER, SPRINKLERS, ETC.). IF ACCIDENTAL UTILITY INTERRUPTION, DAMAGE, ETC., RESULTS FROM WORK PERFORMED BY THE CONTRACTOR, THE AFFECTED UTILITY OR SERVICE SHALL BE RETURNED TO ITS ORIGINAL CONDITION WITHOUT DELAY, BY AND AT THE EXPENSE OF THE CONTRACTOR, USING SKILLED WORKMEN OF THE TRADE INVOLVED.
3. REMOVE ALL OUTLETS, PULL BOXES, JUNCTION BOXES, ETC., AS REQUIRED TO COMPLETELY REMOVE THE ELECTRICAL ITEMS SHOWN FOR DEMOLITION UNLESS NOTED TO REMAIN. DISCONNECT AND REMOVE ALL ELECTRICAL PROVISIONS TO EQUIPMENT BEING REMOVED.
4. REMOVE ALL WIRING, CONDUIT, RACEWAYS, OUTLET BOXES, SUPPORTING APPARATUS ETC., AS REQUIRED.
5. SYMBOLS SHOWN ARE TYPICAL AND LOCATIONS ARE APPROXIMATE AND ARE NOT INTENDED TO LIMIT THE AMOUNT OF DEMOLITION. COORDINATE WITH EXISTING CONDITIONS AND THESE NOTES AND REMOVE ALL APPLICABLE SYSTEMS AND COMPONENTS CONFLICTING WITH FINISHED DESIGN INTENT.
6. EXISTING BRANCH WIRING SHOWN IS DIAGRAMMATICAL ONLY AND IS BASED UPON EXISTING AS-BUILT DRAWINGS AND SURVEYS. COORDINATE WITH ACTUAL EXISTING CONDITIONS FOR NUMBER OF CONDUCTORS PER CONDUIT AND EXACT LOCATIONS OF CONDUIT RUNS AND EQUIPMENT.
7. ALL FEEDERS, SYSTEMS, CONTROL WIRING, MISCELLANEOUS AUXILIARY SYSTEMS, ETC., PASSING THROUGH THE AREA OF WORK SHALL BE MAINTAINED AT ALL TIMES, REMAIN IN SERVICE, CONTINUOUS AND UNINTERRUPTED. ANY DAMAGE, DISRUPTION OR DISCONNECTION SHALL BE IMMEDIATELY REPAIRED, REPLACED AND/OR REROUTED AS REQUIRED TO MAINTAIN CONTINUITY OF SYSTEMS. ANY EXISTING SERVICE OR OPERATING SYSTEM WHICH MUST BE INTERRUPTED SHALL BE SUPPLIED WITH A TEMPORARY SERVICE FOR CONTINUATION OF THE NORMAL OPERATIONS OF THE FACILITY.
9. ANY EQUIPMENT THAT REQUIRES REMOVAL FROM EXISTING LOCATION FOR RE-USE OR TO BE RETURNED TO OWNER SHALL BE INSPECTED AND TESTED TO CONFIRM EQUIPMENT OPERATES AS INTENDED. OWNER SHALL BE NOTIFIED OF ANY EQUIPMENT THAT DOES NOT OPERATE AS INTENDED BEFORE REMOVAL.
9. CONCEALED CONDUIT THAT CANNOT BE REMOVED DUE TO INACCESSIBILITY MAY BE ABANDONED. CONDUCTORS SHALL BE REMOVED AND CONDUIT CUT FLUSH WITH SURFACE. INSTALL PLUG 6" INTO CONDUIT AND FILL REMAINING CONDUIT WITH CONCRETE, GROUT, OR OTHER PERMANENT FILLER FLUSH WITH SURFACE.
10. OUTLET BOXES THAT CANNOT BE REMOVED DUE TO FLUSH MOUNTING IN PARTITIONS SHALL BE FILLED WITH GROUT, PATCHED AND FINISHED FLUSH TO MATCH EXISTING WALL CONDITIONS.
11. IN GENERAL, THE WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
 - a. PROVIDE ALL DEMOLITION AS REQUIRED OF EXISTING SYSTEMS REMOVING ALL ITEMS THAT CONFLICT WITH FINISHED DESIGN INTENT AS INDICATED ABOVE.
 - b. MODIFY, REPLACE, REPAIR, REVISE ETC., EXISTING SYSTEMS AND/OR EQUIPMENT.
 - c. EXTEND EXISTING SYSTEMS AS REQUIRED TO FUNCTION AS SPECIFIED AND IN ACCORDANCE WITH SYSTEM REQUIREMENTS.
 - d. NEW SYSTEM COMPONENTS SHALL MATCH EXISTING SYSTEMS PROVISIONS AND BE COMPLETELY COMPATIBLE AND IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. WHEN REQUIRED, APPROVAL FROM A SYSTEM MANUFACTURER SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO INSTALLING ANY NEW EQUIPMENT OR DEVICES TO AN EXISTING SYSTEM.
 - e. ALL EQUIPMENT, DEVICES, OUTLETS, COMPONENTS, ETC., TO BE REUSED SHALL BE CLEANED, REPAIRED AND PLACED IN OPERATING CONDITION. LUMINAIRES NOTED TO BE REUSED SHALL BE CLEANED, REPAIRED, PROVIDED WITH NEW LAMPS AND PLACED IN OPERATING CONDITION.
 - f. EXISTING OUTLET BOXES MAY BE USED AS NOTED IF OF THE PROPER CONFIGURATION AND SIZE REQUIRED. MODIFICATIONS SHALL BE MADE WHEN REQUIRED SUCH AS PROVIDING EXTENSION RINGS, LOCKNUTS, BUSHINGS, ETC.
 - g. EXISTING PANELBOARDS SHALL BE UTILIZED TO THE EXTENT SHOWN ON THE DRAWINGS AND MODIFIED AS REQUIRED TO FACILITATE THE NEW REQUIREMENTS AS INDICATED HEREIN OR SHOWN ON THE DRAWINGS. NEW CIRCUIT BREAKERS SHALL BE OF THE SAME MANUFACTURER, FRAME SIZE, SHORT CIRCUIT RATING AND TYPE AS EXISTING. WHERE APPLICABLE, THE CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ADDITIONAL MOUNTING HARDWARE AS REQUIRED BY THE MANUFACTURER.
 - h. WHEN EXISTING DEVICES, SWITCHES, EQUIPMENT ETC., ARE NOTED TO BE REMOVED AND THE CIRCUIT(S) SERVING SUCH ITEMS SERVES OTHER ITEMS OR DEVICES WHICH ARE TO BE MAINTAINED, THE CONTRACTOR SHALL REROUTE, EXTEND, MODIFY, ETC., EXISTING CIRCUITS AS REQUIRED TO MAINTAIN COMPLETE AND OPERATING SYSTEMS.



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07-11-2022

Revision

No.	Date:	Description:

Drawn By:	SJ
Checked By:	CL

Date: 07-15-2022

AL Project No: 22-113

Drawing Title:

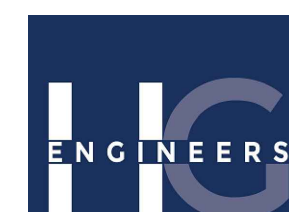
FLOOR PLAN - DEMO

Drawing No.: ED101



FLOOR PLAN - DEMO

1/8" = 1'-0" 0 4' 8' 16'



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22051
Job No.

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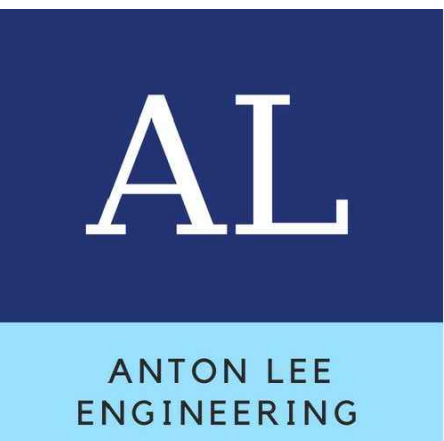
FLOOR PLAN - FIRE ALARM

1/8" = 1'-0" 0 4' 8' 16'



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FLOOR PLAN - FIRE ALARM

Drawing No.:

E401