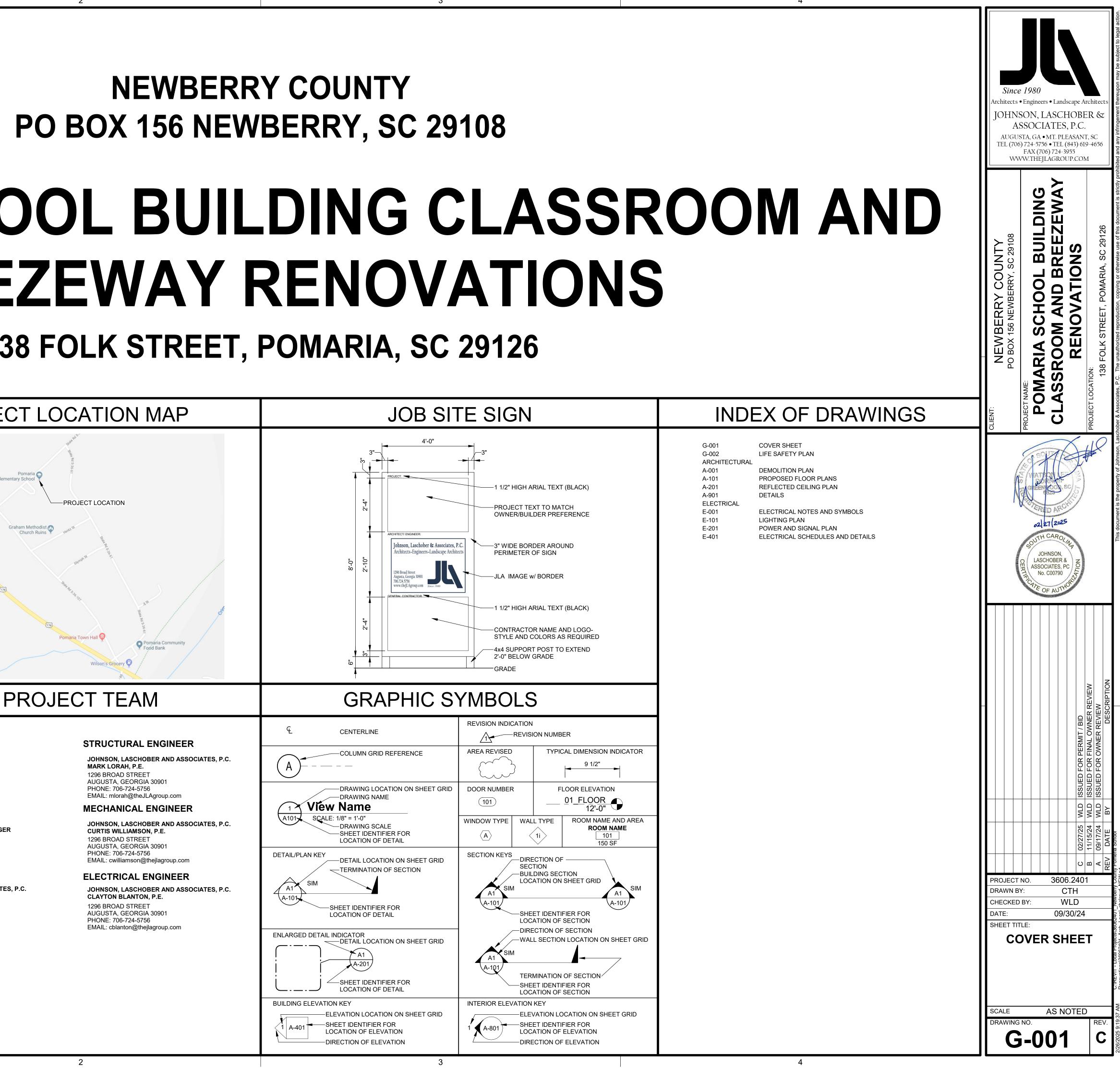
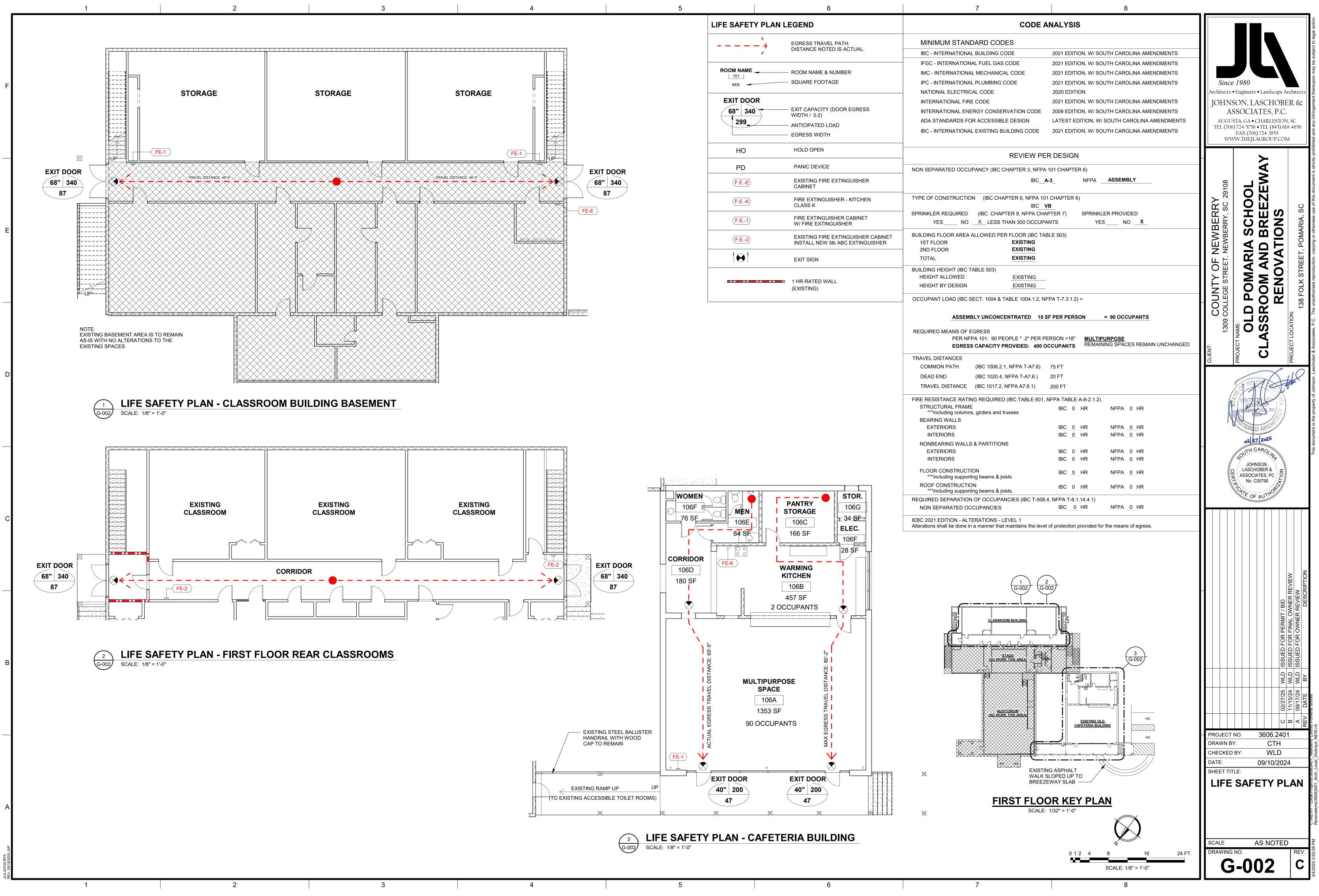
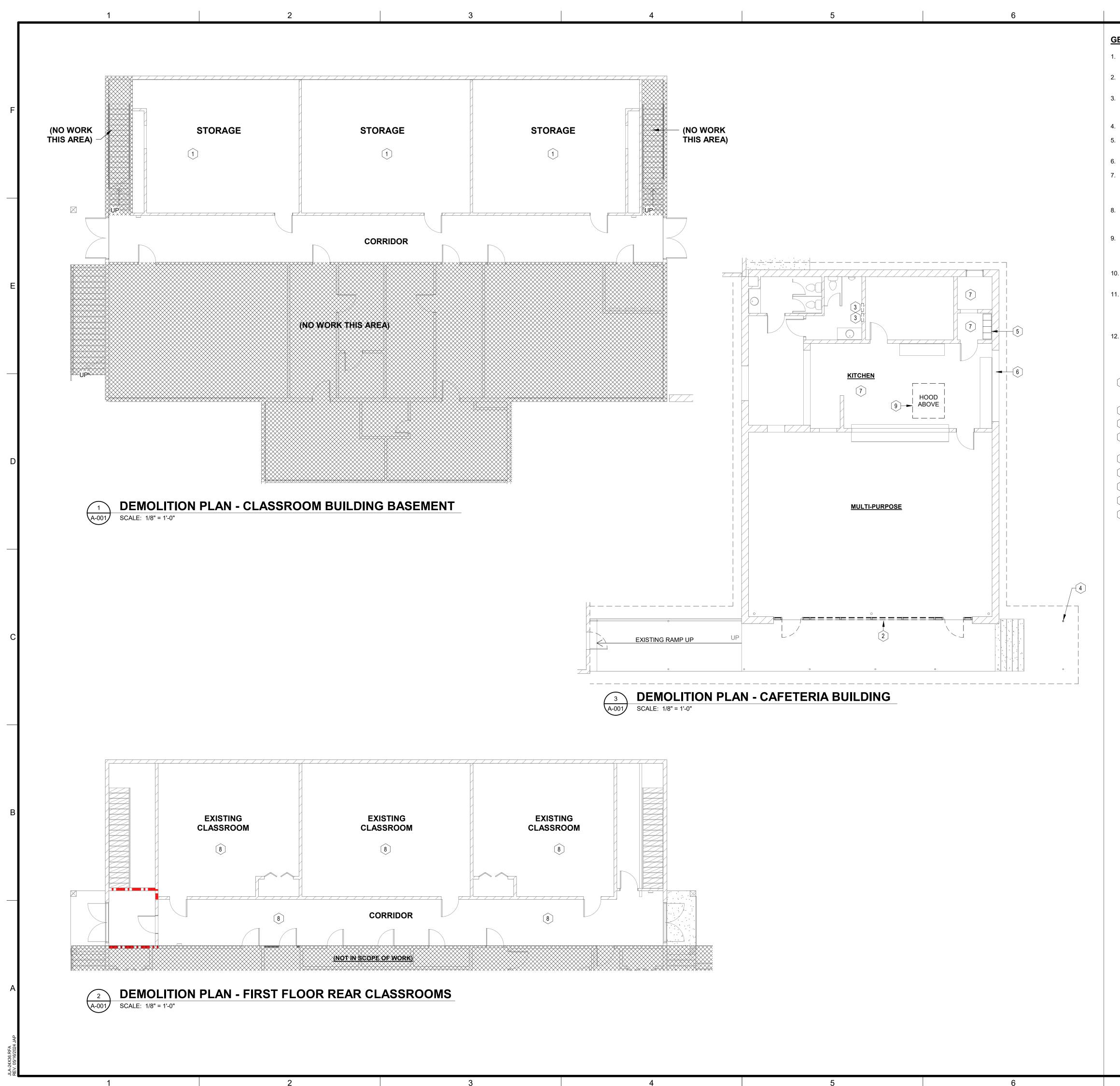
POMARIA SCHOOL BUILDING CLASSROOM AND **BREEZEWAY RENOVATIONS 138 FOLK STREET, POMARIA, SC 29126**

PROJECT LOCATION MAP GENERAL NOTES: THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS SHALL BE REQUIRED 1 Elementary Schoo Graham Methodist CONTRACTOR SHALL BE REQUIRED TO COORDINATE WORK SCHEDULE TO MINIMIZE DISRUPTION OF NORMAL ACTIVITIES AND TO AVOID INTERFERENCE WITH ADJACENT OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ADEQUATE PRECAUTIONS TO PROTECT SURROUNDINGS, MATERIALS AND EXISTING FINISHES THROUGHOUT ALL PHASES OF CONSTRUCTION AREAS AND OCCUPIED OR PUBLIC AREAS TO BE MAINTAINED BY CONTRACTOR. DAMAGE TO EXISTING-TO-REMAIN CONSTRUCTION. MATERIALS OR EQUIPMENT TO BE RESTORED TO ORIGINAL CONDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF TRASH AND DEBRIS FROM JOB SITE ON A DAILY BASIS. FINAL CLEAN-UP WITHIN SCOPE OF WORK: GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL RELATED TRADES AND VENDORS NECESSARY TO THE COMPLETION OF THE JOB ON A TIMELY BASIS DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY. SUBMIT TO ARCHITECT ANY DISCREPANCIES FOR CLARIFICATION ALL WORK SHALL BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE. GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, CURRENT EDITION OF NATIONAL ELECTRIC CODE, INTERNATIONAL PLUMBING, AND MECHANICAL CODE, RECOGNIZED INDUSTRY STANDARDS, CRAFTSMANSHIP STANDARDS IN THE AREA, ALL MANUFACTURERS RECOMMENDATIONS, AND ALL OTHER APPLICABLE CODES. THE DESIGN PROFESSIONAL DOES NOT GUARANTEE THE PERFORMANCE OF THE PROJECT IN ANY RESPECT OTHER THAN THAT OUR PROFESSIONAL WORK AND JUDGEMENT RENDERED MEET THE STANDARDS OF CARE OF OUR PROFESSION. OWNER THE LOCATION OF THE EXISTING UTILITIES AND STRUCTURES SHOWN HEREON ARE DARRYL HENTZ, MAYOR APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 138 FOLK STREET EXISTENCE AND ACTUAL LOCATION OF SUCH, WHETHER SHOW HEREON OR NOT, PRIOR TO POMARIA, SC 29126 ANY EXCAVATION ANY DAMAGES SHALL BE REPAIRED AT THE EXPENSE OF THE PHONE: xxx-xxx-xxxx CONTRACTOR. EMAIL: pomariasc@gmail.com THE FLOOR ON BOTH SIDES OF A DOOR SHALL BE LEVEL AND SHALL HAVE THE SAME ELEVATION ON BOTH SIDES OF THE DOOR, FOR A DISTANCE ON EACH SIDE EQUAL TO THE **OWNER'S REP** WIDTH OF THE WIDEST SINGLE DOOR. **CLAYTON CONSTRUCTION** FIRE EXTINGUISHERS SHALL BE LOCATED PER THE REQUIREMENTS OF NFPA 10. THE SIZE ADAM FAILLA, CONSTRUCTION MANAGER SHALL BE A MINIMUM OF 2 A 10 BC 1 AND SHALL BE INSTALLED AT A MAXIMUM OF 48" A.F.F. 121 VENTURE BLVD. TO THE TOP OF THE HANDLE. SPARTANBURG, SC 29406 PHONE: 864-590-3704 PROVIDE CONT. SOLID BLOCKING, AS REQUIRED, IN WALLS TO RECEIVE ACCESSORY ITEMS EMAIL: Adam@claytonconstruction.net INCLUDING BUT NOT LIMITED TO THE FOLLOWING: HANDRAILS TOILET ROOM ACCESSORIES ARCHITECT GRAB BARS FIRE EXTINGUISHER CABINETS & BRACKETS JOHNSON, LASCHOBER AND ASSOCIATES, P.C. WATSON LEE DORN III, NCARB, AIA CABINETS AND SHELVES 1296 BROAD STREET CLEAN WALLS, DOORS, DOOR FRAMES, HANDRAILS, GUARDRAILS, ETC. PER AUGUSTA, GEORGIA 30901 MANUFACTURERS RECOMMENDATIONS PRIOR TO SEALING AND PAINTING. PHONE: 706-724-5756 EMAIL: Idorn@thejlagroup.com REFER TO THE STRUCTURAL DRAWINGS FOR INFORMATION ON CONSTRUCTION AND CONTROL JOINTS IN CONCRETE SLABS AND CONCRETE AND MASONRY WALLS. SLAB JOINTS ARE SPECIFIED AND LOCATED ON THE STRUCTURAL DRAWINGS. TEMPORARY SIGNS: PROVIDE OTHER SIGNS AS REQUIRED TO INFORM PUBLIC AND INDIVIDUALS SEEKING ENTRANCE TO PROJECT. PROVIDE TEMPORARY, DIRECTIONAL SIGNS FOR CONSTRUCTION PERSONNEL AND VISITORS. MAINTAIN AND TOUCHUP SIGNS SO THEY ARE LEGIBLE AT ALL TIMES.

NEWBERRY COUNTY







1. THE SCOPE OF THE DEMOLITION WORK INCLUDES THE FOLLOWING (UNLESS SPECIFICALLY INDICATED OTHERWISE):

2. EXISTING DRAWINGS ARE INCLUDED TO PROVIDE A REFERENCE AND A BASE TO DESCRIBE THE WORK TO BE PERFORMED.

3. THE OWNER MAY OCCUPY THE BUILDING OR A PORTION OF THE BUILDING DURING THE CONSTRUCTION PHASE OF THIS PROJECT. CONTRACTOR WILL COORDINATE WITH OWNER DURING ALL PHASES OF DEMOLITION AND NEW CONSTRUCTION.

4. CONTRACTOR TO COORDINATE WORK SO AS TO NOT INTERFERE WITH OWNER SCHEDULED EVENTS.

5. PROTECT SIDEWALKS AND ENTRY ACCESS POINTS TO THE BUILDING TO MAINTAIN SAFE ACCESS AND EGRES TO AND FROM THE BUILDING.

6. REMOVE EXISTING FINISHED FLOOR IN DESIGNATED BASEMENT CLASSROOMS TO SLAB BELOW.

7. ALL ABANDONED, NONESSENTIAL OR OTHERWISE NOT SPECIFICALLY SHOWN TO BE REUSED, MECHANICAL, PLUMBING OR ELECTRICAL UTILITIES THAT ARE EXPOSED AFTER REMOVAL, ARE TO BE REMOVED AND CAPPED AT POINT OF ORIGIN. CONSULT ARCHITECT IF QUESTIONS ARISE AS TO WHETHER A SERVICE IS TO BE ABANDONED OR IS TO REMAIN.

8. ALL EXISTING UTILITY SERVICE LINES IN RENOVATED AREAS SHALL CONNECT TO NEW SERVICE LINES OR BE REMOVED AND CAPPED OFF AS REQUIRED. REMOVE AND CAP OFF ALL ABANDONED CONDUIT ON OR BEHIND FINISH WALL SURFACES OR BELOW FLOORS WHICH ARE EXPOSED DURING THE WORK.

9. ALL EXPOSED MATERIALS INCLUDED, BUT NOT LIMITED TO, CONCRETE, MASONRY, AND TILE WILL BE CUT IN STRAIGHT LINES PLUMB OR LEVEL USING CONCRETE SAWS, SCORING KNIVES OR OTHER APPROPRIATE TOOLS AS REQUIRED TO GIVE SMOOTH CLEAN EDGES. IRREGULARITIES IN EXPOSED SURFACES OR SURFACES TO BE REFINISHED SHALL BE GROUND SMOOTH OR FILLED FLUSH.

10. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE REGULAR DAILY REMOVAL OF ALL WASTE MATERIAL FROM THE PROJECT SITE AND BE RESPONSIBLE FOR KEEPING ALL AREAS CLEAN.

11. SALVAGE: THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL MATERIAL AND ITEMS TO BE REMOVED. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER WHEN DEMOLITION IS ABOUT TO BEGIN AND CONDUCT A SURVEY WITH THE OWNER TO IDENTIFY THOSE ITEMS TO BE SALVAGED. ITEMS IDENTIFIED BY THE OWNER TO BE SALVAGED AND TURNED OVER TO THE OWNER ARE TO BE REMOVED BY THE GENERAL CONTRACTOR AND DELIVERED TO A MUTUALLY AGREED LOCATION.

12. EXTERIOR DOORS AND WINDOWS THAT ARE TO REMAIN ARE TO BE PROTECTED DURING DEMOLITION ACTIVITIES.

DEMOLITION KEYNOTES

REMOVE EXISTING WOOD FLOOR, SUBFLOOR, BASEBOARDS & ANY SLEEPER BOARDS EMBEDDED IN CONCRETE. FILL GROOVES IN CONCRETE SLAB WHERE SLEEPERS WERE REMOVED w/ NEW 3000 psi CONCRETE TO FORM A LEVEL CONCRETE SLAB.

[2] REMOVE EXISTING HOLLOW METAL WINDOWS AND DOORS

[3] REMOVE DISCONNECTED ELECTRICAL SERVICE AND BRANCHWIRING AND WALL CABINETS COMPLETE.

4 REMOVE EXISTING DAMAGED / BENT PIPE COLUMN. PROVIDE TEMPORARY SHORING. REPLACE WITH NEW PIPE COLUMN BASE PLATE AND TOP PLATE TO MATCH EXISTING.

(5) REMOVE EXISTING LOCKER CASEWORK

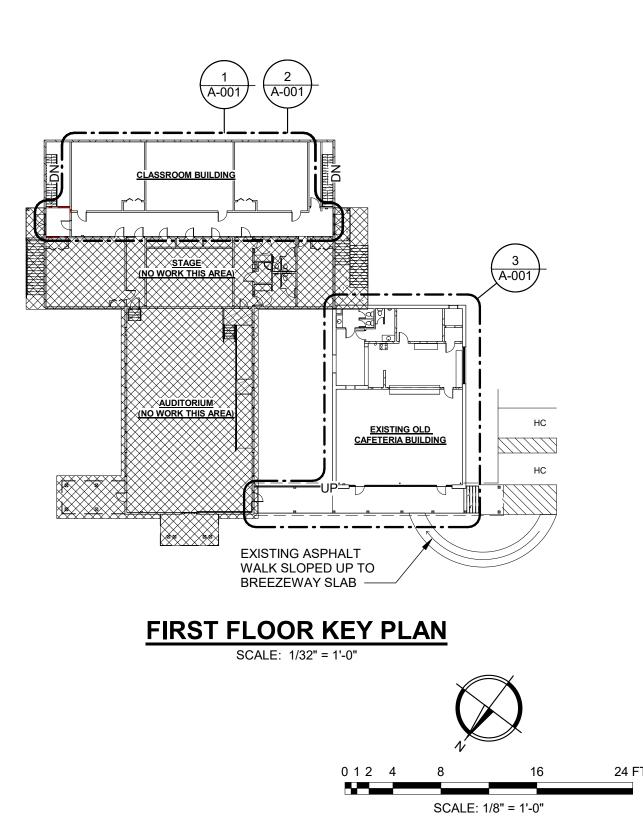
[6] REMOVE EXISTING STEEL WINDOW. PREPARE OPENING FOR NEW STOREFRONT WINDOW.

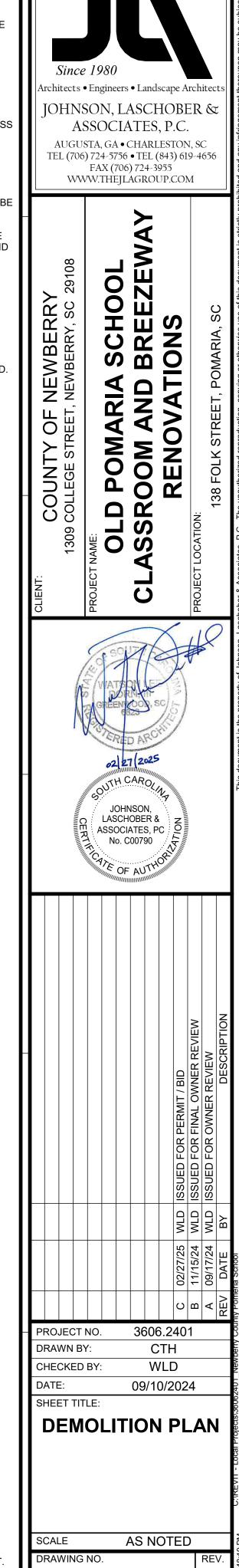
- [7] REMOVE EXISTING FLOOR COVERING. PREPARE SUBFLOOR FOR NEW FINISHED FLOOR.
- (8) REMOVE EXISTING ACT TILES ONLY. GRID TO REMAIN.

(9) REMOVE EXISTING ABANDONED HOOD AND CAP OFF AND SEAL DUCTWORK BELOW ROOF. ROOFTOP EXHAUST FAN TO REMAIN AND BE ABANDONED IN PLACE.

DEMOLITION KEY

WALLS TO BE DEMOLISHED WALLS TO REMAIN





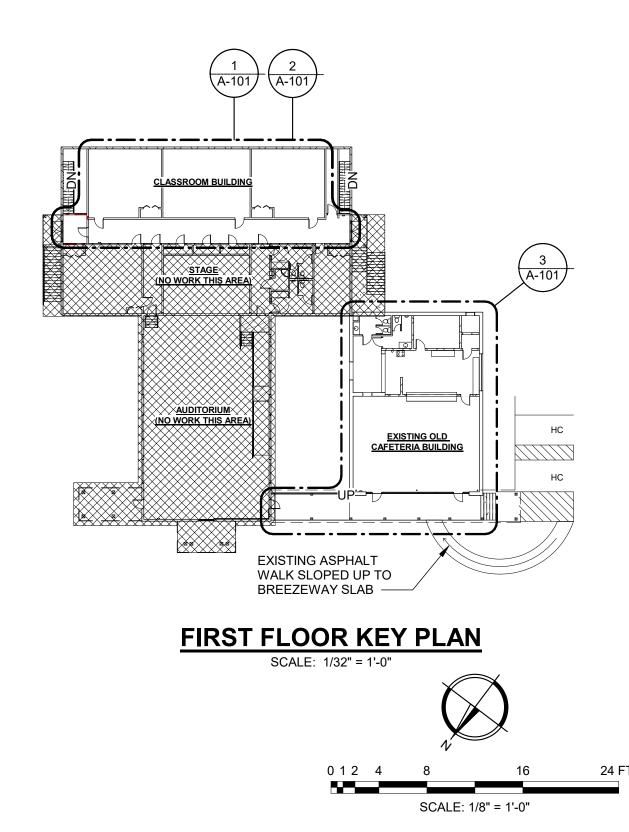
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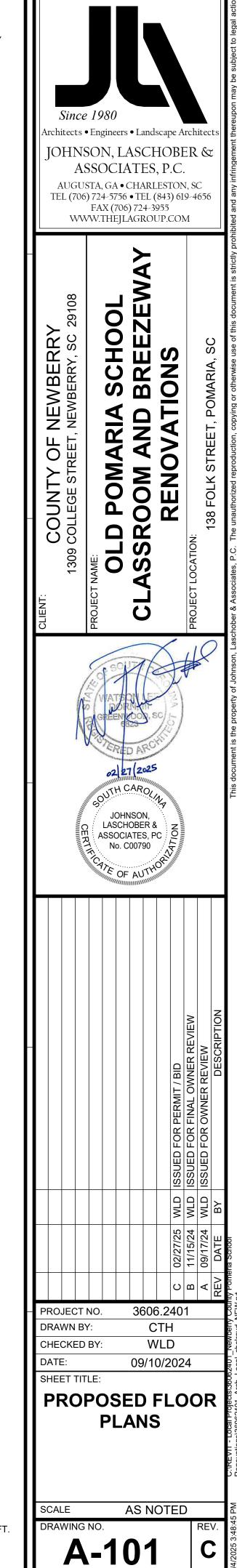
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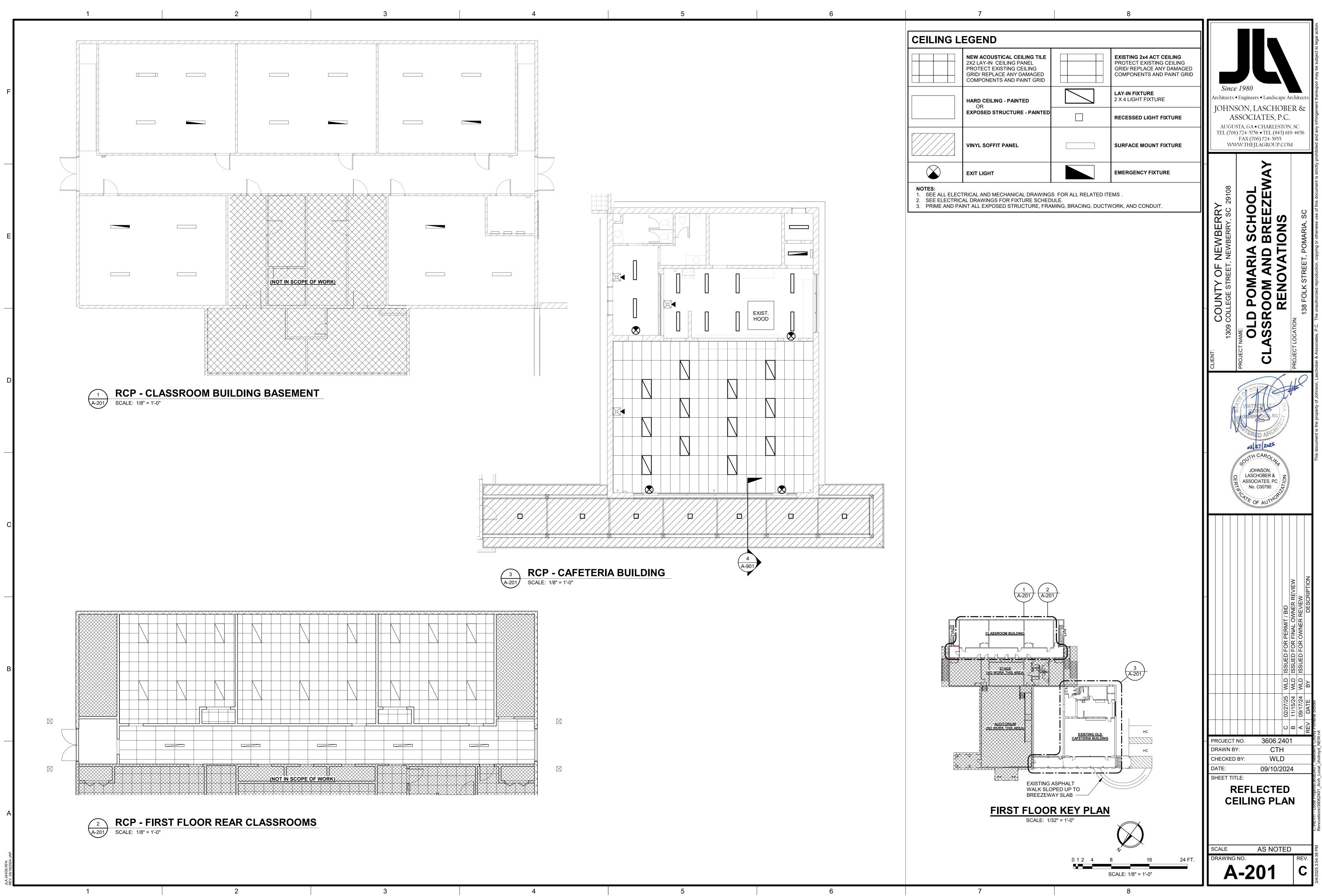


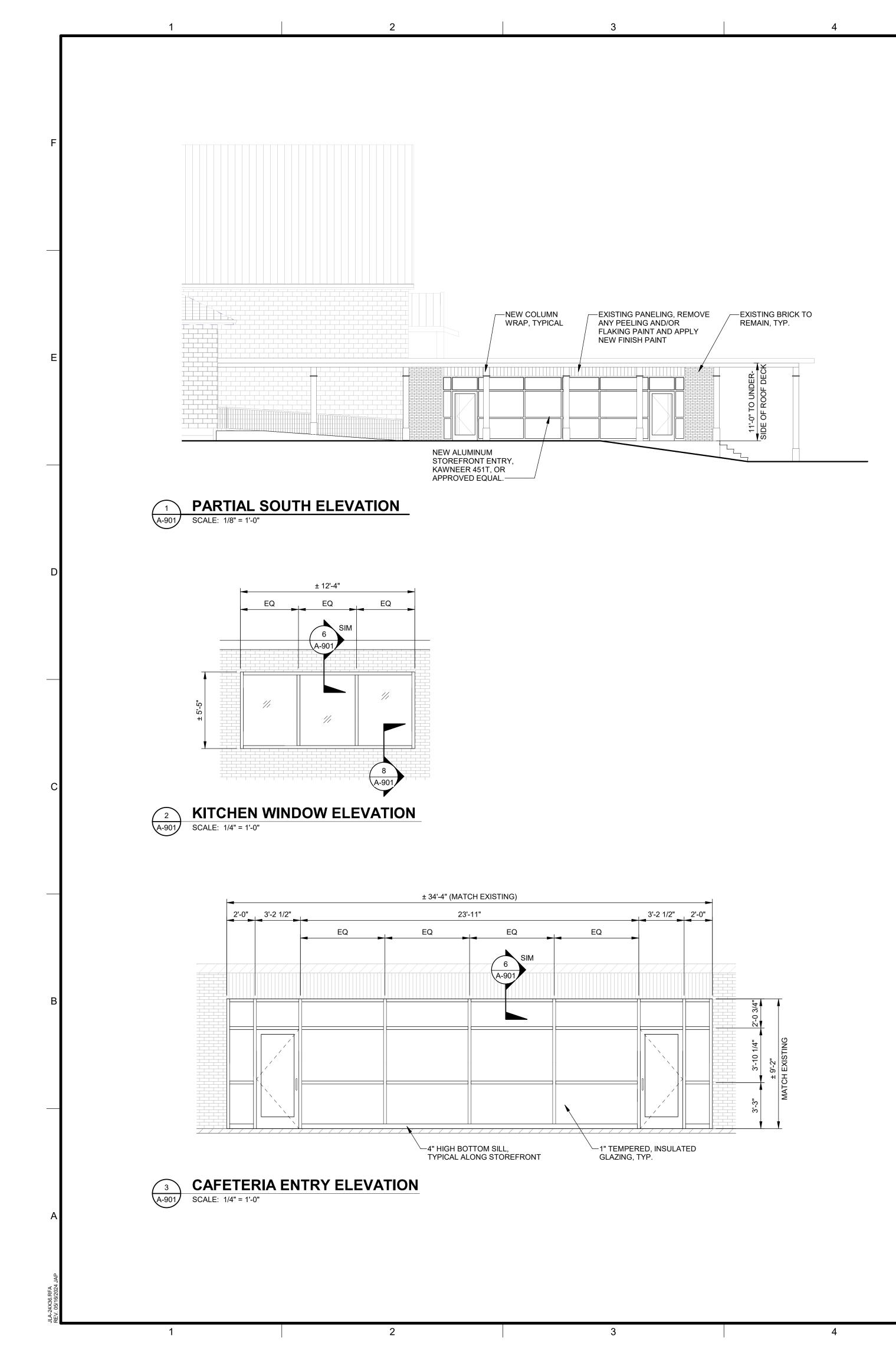
CONSTRUCTION KEYNOTES

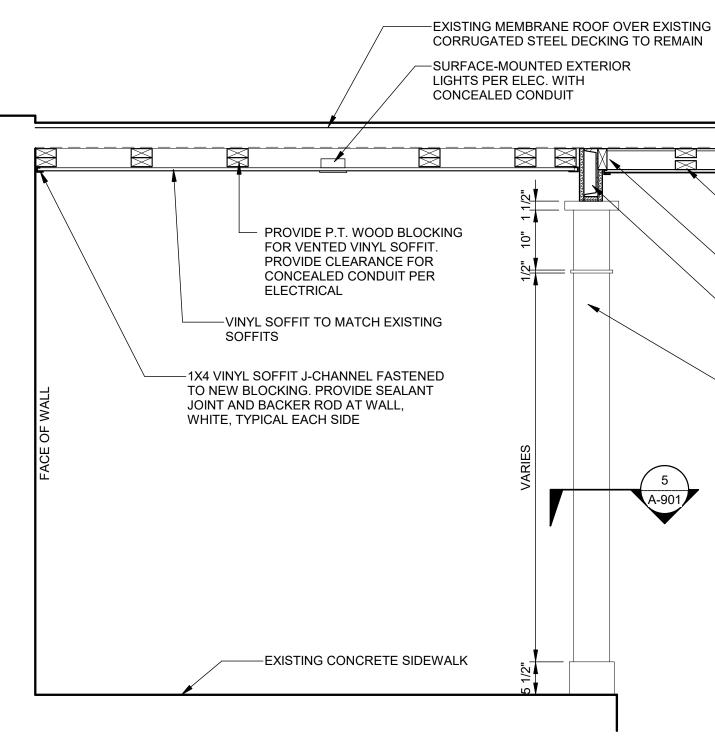
- $\left(1\right)$ PATCH CONCRETE AT REMOVED FLUSH SLEEPER FLOOR NAILERS w/ 3000 PSI CONCRETE. PATCH ANY HOLES OR CRACKS. SEAL CONCRETE.
- 2 NEW CONCRETE RAMP TRANSITION FROM CLASSROOM TO CORRIDOR. MAXIMUM ALLOWED SLOPE 1:12. RAMP TO BE SLOPED ON 3 SIDES AND 1'-0" WIDER THAN DOOR IN BOTH DIRECTIONS.
- NEW ALUMINUM STOREFRONT IN EXISTING MASONRY OPENING. PROVIDE KAWNEER 451T w/ 1" INSULATED GLAZING. COLOR TO BE WHITE. SEE DETAIL SHEET A-901. **3**
- 4 NEW FINISHED FLOORING TO MATCH EXISTING LVT IN MULTIPURPOSE SPACE. SHAW CONTRACT, TERRAIN II (20 MIL), OR APPROVED EQUAL
- [5] PATCH AND REPAIR WALL FINISH AT REMOVED ELECTRICAL PANEL CABINETS, CASEWORK AND TRIM.
- [6] NEW ALUMINUM STOREFRONT W/ ENTRY SYSTEM. SEE DETAILS AND ELEVATIONS ON A-901.
- 7 PROVIDE NEW LIGHTING. SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
- [8] BOX IN ALL COLUMNS PER DETAILS ON A-901.
- COVER EXISTING STEEL CANOPY STRUCTURE AND UNDERSIDE OF CORRUGATED METAL ROOF WITH **9** VINYL SOFFIT AND TRIM, ALL COMPONENTS TO BE WHITE. SEE 4/A-901 FOR DETAILS.
- [10] PROVIDE SLAB-MOUNTED STEEL PIPE HANDRAIL AT EXISTING BREEZEWAY RAMP.
- **REPLACE ALL GUTTERS AND DOWNSPOUTS AT BREEZEWAY CANOPY.**
- INSTALL VINYL PANEL SOFFITS AND TRIM AT EXISTING CAFETERIA ROOF OVERHANGS PER TYPICAL 12 DETAIL TO MATCH AUDITORIUM BUILDING. DOWNSPOUTS AND GUTTERS TO REMAIN.
- 13 PATCH AND REPAIR WALLS AS REQUIRED TO LIKE NEW FINISH. FINISH PAINT WALLS.
- [14] SAND AND REFINISH EXISTING HARDWOOD FLOORS.
- 15 PROVIDE WALL MOUNTED, RECIRCULATING RANGE HOOD. BROAN GLACIER 30" RANGE HOOD, OR APPROVED EQUAL. COORDINATE EXACT MOUNTING REQUIREMENTS WITH OWNER. ENSURE ALL REQUIREMENTS OF THE GUARDIAN SYSTEM ARE SATISFIED.
- EXISTING WOOD BASE TO BE REMOVED AND REPLACED IN KIND. REMOVE TO EXTENTS NECESSARY FOR REMOVAL OF ALL WATER DAMAGED MATERIAL. PAINT TO MATCH ADJACENT CONDITIONS.



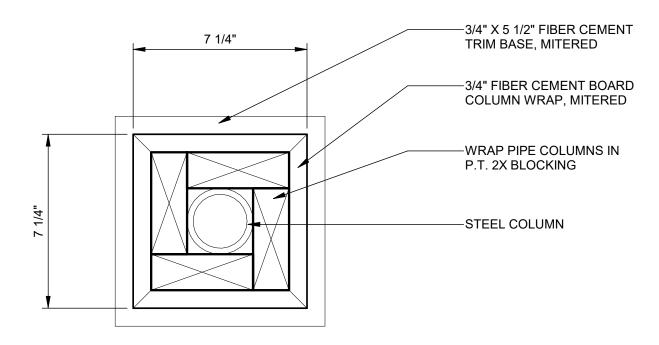




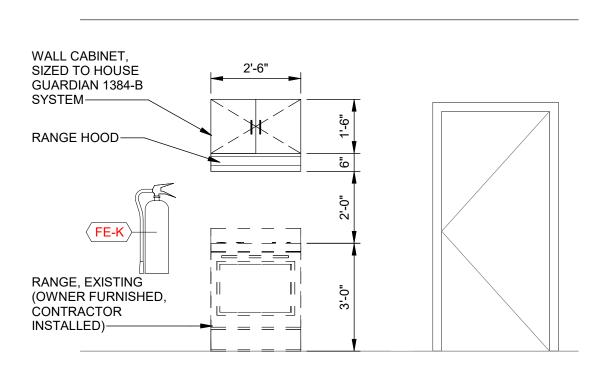












6

RANGE ELEVATION (7) (A-901) SCALE: 3/8" = 1'-0"

5



-EXISTING ALUMINUM ROOF EDGE FLASHING TO REMAIN

-REPLACE EXISTING GUTTERS IN PLACE, WHITE

-SEALANT JOINT AND BACKER ROD AT VINYL J-CHANNEL, WHITE, TYP

-REPLACE FASCIA w/ P.T. 2x WOOD NAILERS

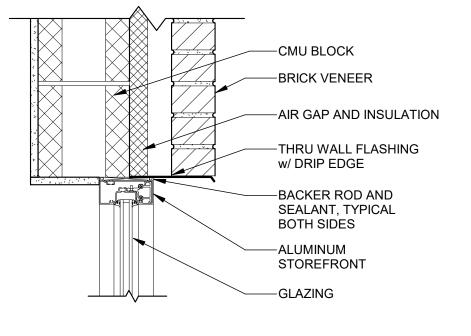
-EXISTING STEEL CANTILEVERED ANGLES BEYOND TO REMAIN

-NEW CONTINUOUS 4" H. 2X4 NAILERS W/ PLYWOOD FILLER

-NEW P.T. WOOD NAILER FASTENED TO EXISTING STEEL CHANNEL

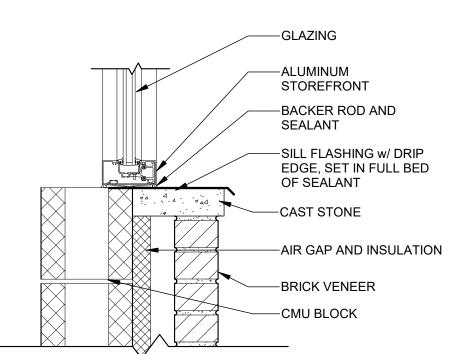
-EXISTING 8"H. STEEL C-CHANNEL WRAPPED IN 3/4" FIBERCEMENT BOARD

-NEW FIBER CEMENT COLUMN WRAP AROUND EXISTING PIPE COLUMN.

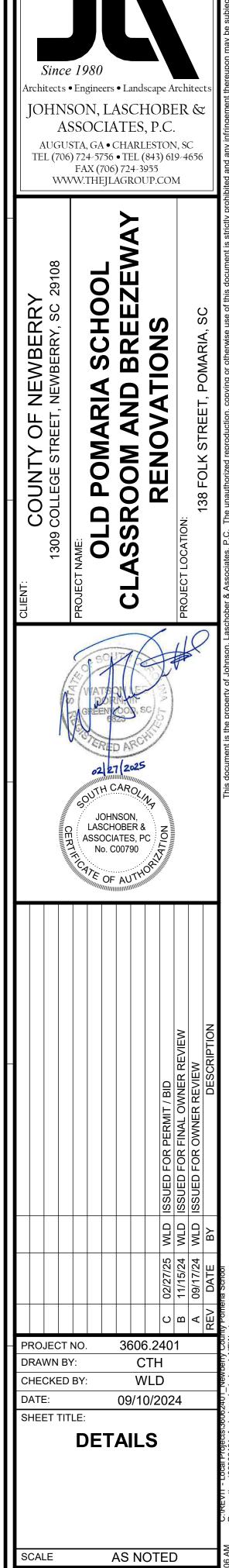


6 A-901

ALUM. STOREFRONT HEAD DETAIL SCALE: 1 1/2" = 1'-0"







С

RAWING NO

A-901

ELECTRICAL GENERAL NOTES:

WORK COVERED BY THIS DOCUMENT SHALL INCLUE ALL LABOR, MATERIAL, PRODUCTS, AND SERVICES. TYPE AND INSULATION FOR, AND INCENTAL TO, INSTALLATION OF COMPLETE AND OPERATING ELECTRICAL SYSTEMS DRAWN TYPE AND INSULATION ORN RS HALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES INCLUDING, BUT ECONER, TYPE THINTING ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES INCLUDING, BUT COPER, TYPE THINTING CONTRINCE CONFERCTOR TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES INCLUDING, BUT COPER, TYPE THINTING CONTRINCE CONFIGE AND ALL ELECTRICAL CODE (NPF ATO) CONTRINCE CONFERCTOR AND MAD LECTRICAL WORK. COLOR CODING (208/120 V, 3/8): ABLACK COORDINATE OUTLET LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS. CONDUCT EDDEES AND FITTINGS FOR REQUEREMENTS. COLOR CODING (208/120 V, 3/8): ABLACK COORDINATE STELIGHTING AND SITE UTILITIES WITH LANDSCAPING/CIMIL PLANS, ALE CARTING, AND DETAILS. CONDUCT CONFORMING FOR REQUEREMENTS AND DETAILS. CONDRINATE SITE LIGHTING AND STE UTILITIES WITH ALDDSCAPING/CIMIL PLANS AND DETAILS. CONDUCT CONFORMING TO UL 380 CONDRINATE SITE LIGHTING AND METERING INSTALLATION. COUTDOORS SERVOSED: RIGID GALVANZED CONDRINATE SITE LIGHTING AND SEGNING GANCE IN ACCORDANCE WITH SEISMIC CONDITIONS CONDORS SERVOSED: RIGID GALVANZED CONDRINATE SITE LIGHTING AND SEGNING GANCE IN ACCORDANCE WITH SEISMIC CONDITIONS CONDORS SERVO	/THWN /THWN OR CONNECTI BY ENGINEER LACK, B-RED, 0 RIGID METAL C TUBING SHA FUTURE USE SSEMBLIES TO NIZED STEEL O NONMETALLIC ING OR MOTOI METALLIC TU ZED STEEL CO G OR MOTORIZ
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	SWITCHES SH SHALL BE 1/2
NSTALL ADDITIONAL BRANCH-CIRCUIT CONDUCTORS TO PROVIDE UN-SWITCHED CONNECTION TO EACH EMERGENCY FIXTURE BATTERY. SCREWS. CONTRACTOR TO COORDINATE FAULT CURRENT AT THE PANEL LOCATION	NATE WITH TH
DO NOT USE COMMON NEUTRALS FOR MULTI-WIRE CIRCUITS. INSTALL A NEUTRAL FOR EACH PHASE. ELECTRICAL EQUIPMENT WITH AIC RATING CURRENT SHALL BE LISTED ON EACH PIEC	ATING OVER 1
ALL CONDUCTORS SHALL BE NO SMALLER THAN #12. ALL CONDUCTORS SHALL BE 3/4" DIA MIN LINI ESS OTHERWISE NOTED ADJUST SHALL BE 3/4" DIA MIN LINI ESS OTHERWISE NOTED ADJUST SHALL BE 3/4" DIA MIN LINI ESS OTHERWISE NOTED	
ELECTRICAL EQUIPMENT AND JUNCTION BOXES PER NEC SECTION 314.29. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. BRANCH CIRCUITS. EXOTHERMIC-WELDEL	INSTALLED W
EXISTING CEILING MOUNTED DEVICES TO REMAIN IN AREAS WHERE CEILINGS AND/OR CEILING TILES ARE BEING REPLACED. SUCH DEVICES INCLUDE, BUT ARE NOT LIMITED TO, SPEAKERS, DETECTORS, NOTIFICATION DEVICES, EXIT SIGNS, ETC. SEE ARCHITECTURAL DRAWINGS FOR AREAS WHERE CEILING	
ALL RACEWAYS SHALL BE 3/4" DIA. MIN. UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR TO PROVIDE ACCESS PANELS FOR ALL INACCESSIBLE, ABOVE-CEILING ELECTRICAL EQUIPMENT AND JUNCTION BOXES PER NEC SECTION 314.29. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. CEILING REPLACEMENT: CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF	S, DISCON NENTS SH INSTALL ELDED CO

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CODES AND STANDARDS	EDITION
INTERNATIONAL BUILDING CODE (IBC)	2021
NFPA 70 NATIONAL ELECTRICAL CODE (NEC)	2020
INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	2009
NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE	2019

1

UCTORS #8 AWG AND LARGER SHALL BE ALLER SHALL BE SOLID.

NS TO LIGHT FIXTURES ONLY IN LENGTHS NOT TO RECORD)

BLUE, N-WHITE, G-GREEN

ONDUIT SHALL BE CAST THREADED TYPE. CONDUIT BE COMPRESSION TYPE. INSTALL 200 Ib NYLON PULL PPLY FIRESTOPPING TO ELECTRICAL PENETRATIONS ESTORE ORIGINAL FIRE-RESISTANCE RATING OF

NFORMING TO ANSI C80.5 ONDUIT (SCHEDULE 40 PVC) CONFORMING TO NEMA

ED EQUIPMENT: LIQUIDTIGHT FLEXIBLE METAL NG CONFORMING TO ANSI C80.3

ORMING TO ANSI C80.5 EQUIPMENT: FLEXIBLE METALLIC CONDUIT

BE SHEET METAL TYPE WITH PLASTER RING IN DRY AND SHALL BE CAST METAL TYPE FD WITH

OX COVERS SHALL BE GASKETED TYPE WITH

. DEVICES SHALL BE COMMERCIAL SPECIFICATION GROUNDING TYPE. DEVICES SHALL BE MOUNTED ROUNDING TERMINAL OF RECEPTACLES ON TOP. S AT 120/277 VOLTS. GROUND FAULT CIRCUIT ATHERPROOF COVERS SHALL BE PROVIDED IN DAMP RS FOR FIFTEEN MINUTES WITH MEDIUM ENSITIVITY.

ATCH DEVICE COLOR

ELBOARDS, ELECTRICAL ENCLOSURES, L BE IDENTIFIED WITH AN ENGRAVED PLASTIC ICHES HIGH AND SHALL BE WHITE ON A BLACK EQUIPMENT WITH STAINLESS STEEL SELF-TAPPING JTILITY COMPANY TO DETERMINE THE AVAILABLE N THE DRAWINGS. CONTRACTOR TO PROVIDE E CALCULATED FAULT CURRENT, CALCULATED FAULT TRICAL EQUIPMENT. CONTRACTOR TO PROVIDE AND CAL SWITCHBOARDS, PANELBOARDS, MOTOR AND ENCLOSED CIRCUIT BREAKERS PER NEC

MPLY WITH UL 467. AN INSULATED EQUIPMENT-I CIRCUIT CONDUCTORS FOR ALL FEEDER AND IONS SHALL BE USED FOR ATTACHMENT TO ONS. GROUNDING ELECTRODES SHALL BE 3/4" x 10'

4

SERVICE GROUNDING

INSTALL TWO (2) GROUND RODS FOR SERVICE ENTRANCE UNLESS INSTALLED PRIMARY GROUND ROD IS TESTED AND FOUND TO HAVE A RESISTANCE TO GROUND OF 25 OHMS OR LESS IN ACCORDANCE WITH NFPA 70 250.53(2).

EQUIPMENT GROUNDING

FOR INDICATED EQUIPMENT (OTHER THAN SERVICE ENTRANCE EQUIPMENT) INSTALL ONE (1) GROUND ROD TO ACT AS AN AUXILIARY GROUNDING ELECTRODE AND BOND TO THE EQUIPMENT GROUNDING CONDUCTOR (EGC) FOR THAT EQUIPMENT, IN ACCORDANCE WITH NFPA 70 250.54 AND 250.118.

PANELBOARDS PANELBOARDS SHALL COMPLY WITH NEMA PB 1. SHOP DRAWINGS FOR EACH PANELBOARD SHALL BE SUBMITTED AND SHALL INCLUDE BUS CONFIGURATION AND CURRENT RATINGS, OVERCURRENT DEVICE ARRANGEMENT AND SETTINGS, AND PANELBOARD SHORT CIRCUIT RATING. PHASE AND NEUTRAL BUSSES SHALL BE COPPER. AN EQUIPMENT GROUND BUS SHALL BE PROVIDED AND SHALL BE BONDED TO THE PANEL BOX. PANELBOARDS WITH A MAIN SERVICE DISCONNECT SHALL BE LISTED FOR USE AS SERVICE EQUIPMENT. PANELBOARD TRIM SHALL BE BOLT-ON TYPE. CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE. CIRCUIT BREAKERS SHALL BE LISTED FOR SWD, HID OR HACR USE AS APPROPRIATE. MULTI-POLE CIRCUIT BREAKERS SHALL HAVE A COMMON TRIP. TANDEM CIRCUIT BREAKERS SHALL NOT BE USED. FILLER PLATES SHALL BE INSTALLED IN UNUSED SPACES. A TYPED CIRCUIT DIRECTORY SHALL BE INSTALLED ON THE INSIDE OF THE PANELBOARD DOOR. ALL OVERCURRENT DEVICES AND PANELS SHALL BE RATED FOR THE FULL AVAILABLE FAULT CURRENT AS INDICATED ON PANEL SCHEDULE AND SHALL NOT BE SERIES RATED. IN FRONT OF ALL ELECTRICAL PANELS IN ELECTRICAL ROOMS PROVIDE A 2" WIDE YELLOW LINE PAINTED ON THE FLOOR INDICATING THE ELECTRICAL WORKING SPACE.

<u>FUSES</u>

FUSES SHALL BE NEMA FU 1 CARTRIDGE TYPE. VOLTAGE RATING SHALL BE CONSISTENT WITH CIRCUIT VOLTAGE. ARRANGE FUSES IN FUSIBLE DEVICES SO FUSE RATINGS ARE READABLE WITHOUT REMOVING FUSE. INSTALL TYPEWRITTEN LABELS ON INSIDE DOOR OF EACH FUSIBLE DEVICE TO INDICATE FUSE REPLACEMENT INFORMATION.

MOTOR FEEDER AND BRANCH CIRCUITS: UL CLASS RK5, TIME DELAY OTHER FEEDER AND BRANCH CIRCUITS: UL CLASS RK1, NON-TIME DELAY

DISCONNECT SWITCHES SWITCHES SHALL BE FUSED OR NONFUSED NEMA KS 1 TYPE HD. SWITCHES SHALL BE HANDLE LOCKABLE AND INTERLOCKED WITH COVER IN CLOSED POSITION. ENCLOSURES SHALL BE NEMA TYPE 1 IN INDOOR LOCATIONS AND NEMA TYPE 3R IN OUTDOOR LOCATIONS. HVAC EQUIPMENT DISCONNECTS ARE TO BE CONSIDERED ELECTRICAL EQUIPMENT AND SHALL BE INSTALLED TO MAINTAIN WORKING SPACE PER NEC ARTICLE 110.26.

INTERIOR LIGHTING FIXTURE MOUNTING HARDWARE AND TRIM SHALL BE COORDINATED WITH THE CEILING SYSTEM.

RECESSED CEILING AREAS: RECESSED FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURAL SYSTEM.

EXPOSED CEILING AREAS: CONDUIT FOR LIGHTING FIXTURES INSTALLED IN AREAS WITH EXPOSED STRUCTURE SHALL BE ROUTED TIGHT TO STRUCTURAL BEAMS AND COLUMNS. WHERE APPROVED, CONDUIT AND JUNCTION BOXES MOUNTED TO ROOF DECK SHALL HAVE 1.5" SEPARATIONS FROM LOWEST PORTION OF DECK. COORDINATE ALL CONDUIT ROUTING WITH ARCHITECT BEFORE INSTALLATION.COLUMNS. WHERE APPROVED, CONDUIT AND JUNCTION BOXES MOUNTED TO ROOF DECK SHALL HAVE 1.5" SEPARATIONS FROM LOWEST PORTION OF DECK. COORDINATE ALL CONDUIT ROUTING WITH ARCHITECT BEFORE INSTALLATION.

FIRE ALARM SYSTEM

SYSTEM COMPONENTS AND INSTALLATION SHALL CONFORM TO THE NATIONAL FIRE ALARM CODE. ALL EXPOSED WIRING SHALL BE INSTALLED IN METALLIC RACEWAY. ALL CONCEALED WIRING SHALL BE INSTALLED IN METALLIC RACEWAY STUBBED ABOVE ACCESSIBLE CEILING.

KITCHEN EQUIPMENT

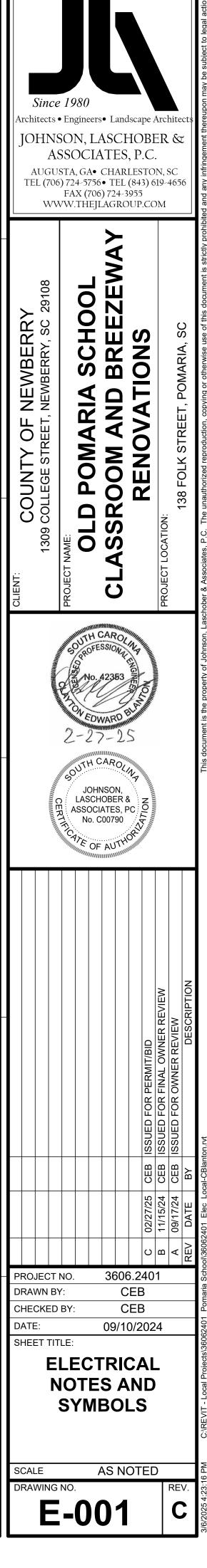
ALL KITCHEN EQUIPMENT SERVED BY CORD AND PLUG SHALL HAVE GROUND FAULT PROTECTION, IN ACCORDANCE NEC SECTION 210.8(B)(2). ALL ELECTRIC KITCHEN EQUIPMENT THAT PRODUCES HEAT SHALL BE PROVIDED WITH MEANS TO AUTOMATICALLY SHUTOFF POWER IN ACCORDANCE NFPA 96.10.4. ACCEPTABLE DISCONNECTING MEANS INCLUDE SHUT TRIP BREAKER, RELAY, OR SHUNTED DISCONNECT SWITCH.

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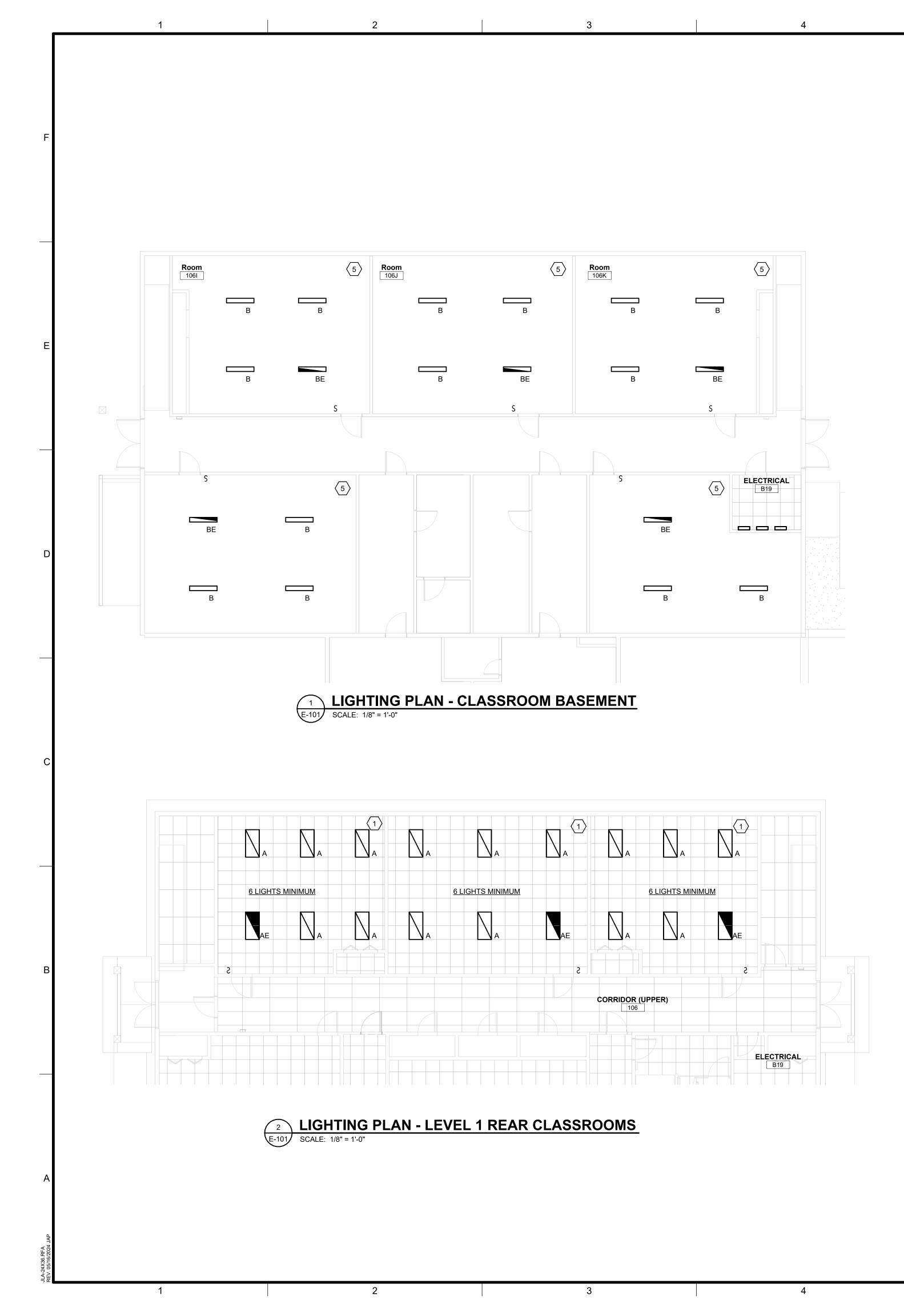
ELECTRICAL SYMBOLS:

CEILING / WALL MOUNTED EXIT SIGN - SHADING INDICATES FACE(S)
2' x 4' FIXTURE
2'X4' FIXTURE W/ EMERGENCY BATTERY PACK
SURFACE MOUNT DOWN LIGHT FIXTURE
SURFACE MOUNT DOWN LIGHT FIXTURE W/ EMERGENCY BATTERY PACK
SURFACE MOUNTED STRIP FIXTURE
SURFACE MOUNTED STRIP FIXTURE W/ EMERGENCY BATTERY PACK
ELECTRICAL PANEL
DUPLEX CONVENIENCE OUTLET 18" A.F.F.
DUPLEX CONVENIENCE OUTLET 48" A.F.F. OR 6" ABOVE COUNTER/BACKSPLASH
DUPLEX CONVENIENCE OUTLET 48" A.F.F. OR 6" ABOVE COUNTER/BACKSPLASH GROUND FAULT INTERRUPTER TYPE
DUPLEX CONVENIENCE OUTLET 18" A.F.F. WEATHERPROOF GROUND FAULT INTERRUPTER TYPE
SPECIAL OUTLET SEE SCHEDULE.
FIRE ALARM MANUAL PULL STATION. MOUNT 48" TO TOP OF BOX
FIRE ALARM WALL MOUNTED AUDIO/VISUAL DEVICE 80" A.F.F.
FIRE ALARM WALL MOUNTED VISUAL DEVICE 80" A.F.F.
FIRE ALARM CEILING MOUNTED SMOKE DETECTOR
FIRE ALARM HEAT DETECTOR



8

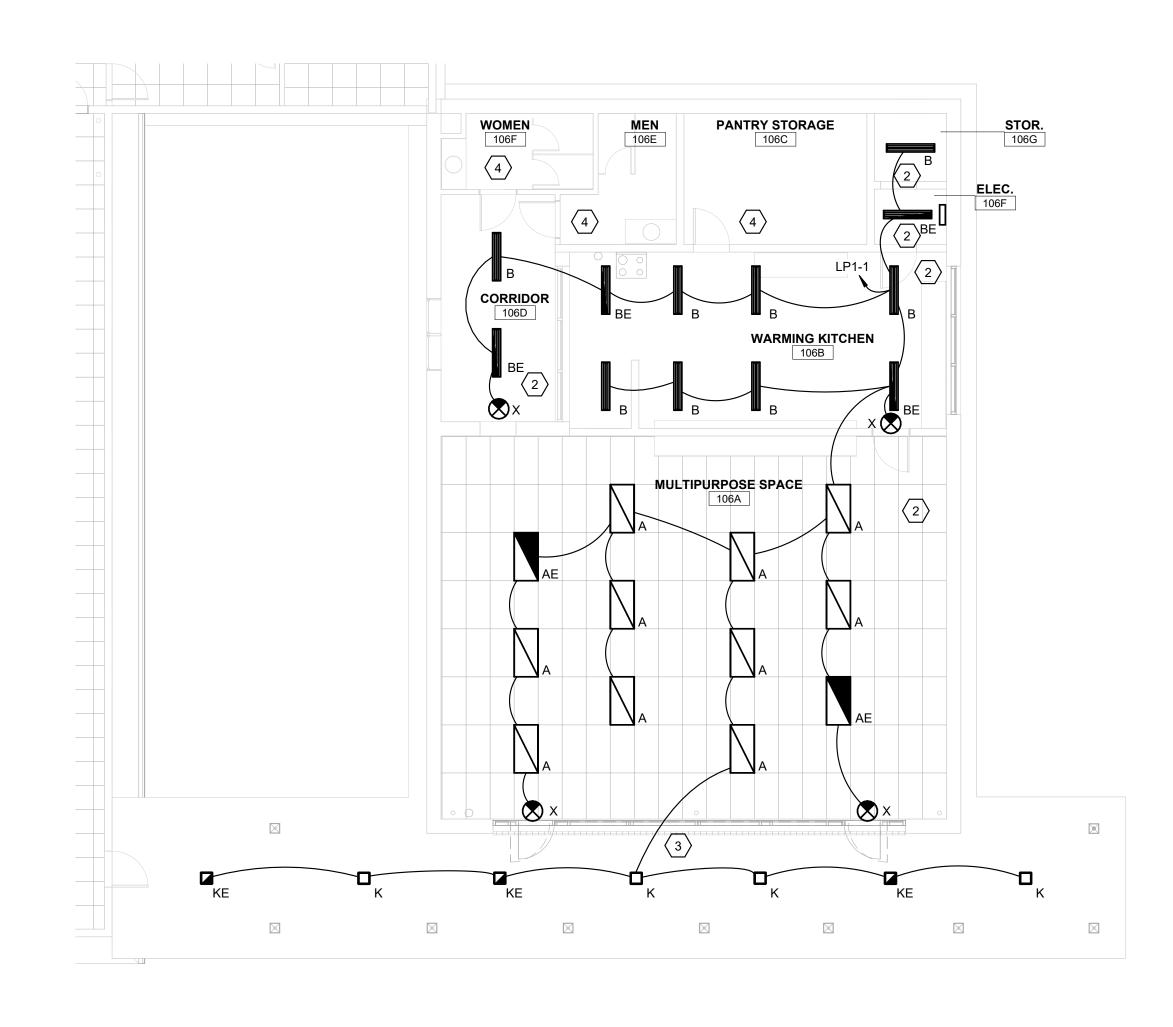
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- $\langle 1 \rangle$ REPLACE LIGHTING FIXTURES AND SWITCHES IN THIS ROOM. TEST AND REUSE WIRING AND CONDUIT WHERE POSSIBLE. MATCH EXISTING LAYOUT AND QUANTITY AND REPLACE WITH FIXTURE "A" ON FIXTURE SCHEDULE SHEET E-401. REPLACE ONE FIXTURE WITH "AE" FOR EMERGENCY LIGHTING. $\langle 2 \rangle$
 - REUSE EXISTING SWITCH LOCATIONS IN THIS ROOM.

LIGHTING PLAN KEYED NOTES

- $\langle 3 \rangle$ PROVIDE SWITCH FOR EXTERIOR LIGHTING. COORDINATE SWITCH LOCATION WITH OWNER.
- 4 COORDINATE REPLACMENT OF EXISTING FIXTURES IN THIS ROOM WITH OWNER. REPLACE SWITCHES AND WIRING. CONNECT TO CIRCUIT LP1-1.
- REPLACE LIGHTING FIXTURES AND SWITCHES IN THIS ROOM. TEST AND REUSE WIRING AND CONDUIT WHERE POSSIBLE. MATCH INDICATED LAYOUT AND $\langle 5 \rangle$ QUANTITY AND INSTALL NEW FIXTURES "B" AND "BE" ON FIXTURE SCHEDULE SHEET E-401.





6

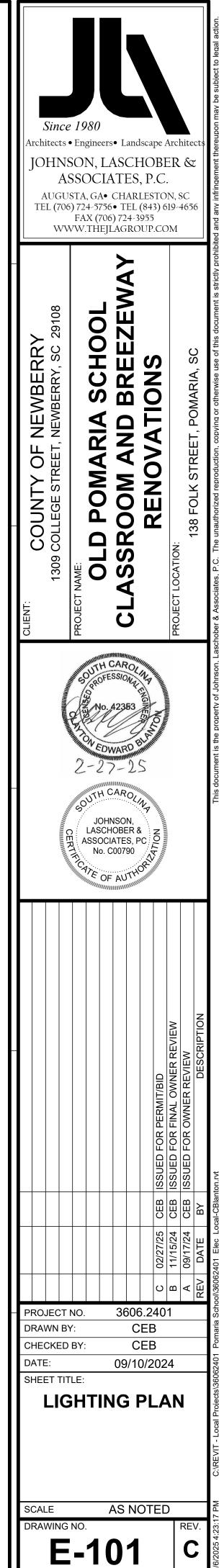
LIGHTING PLAN CONSTRUCTION NOTES

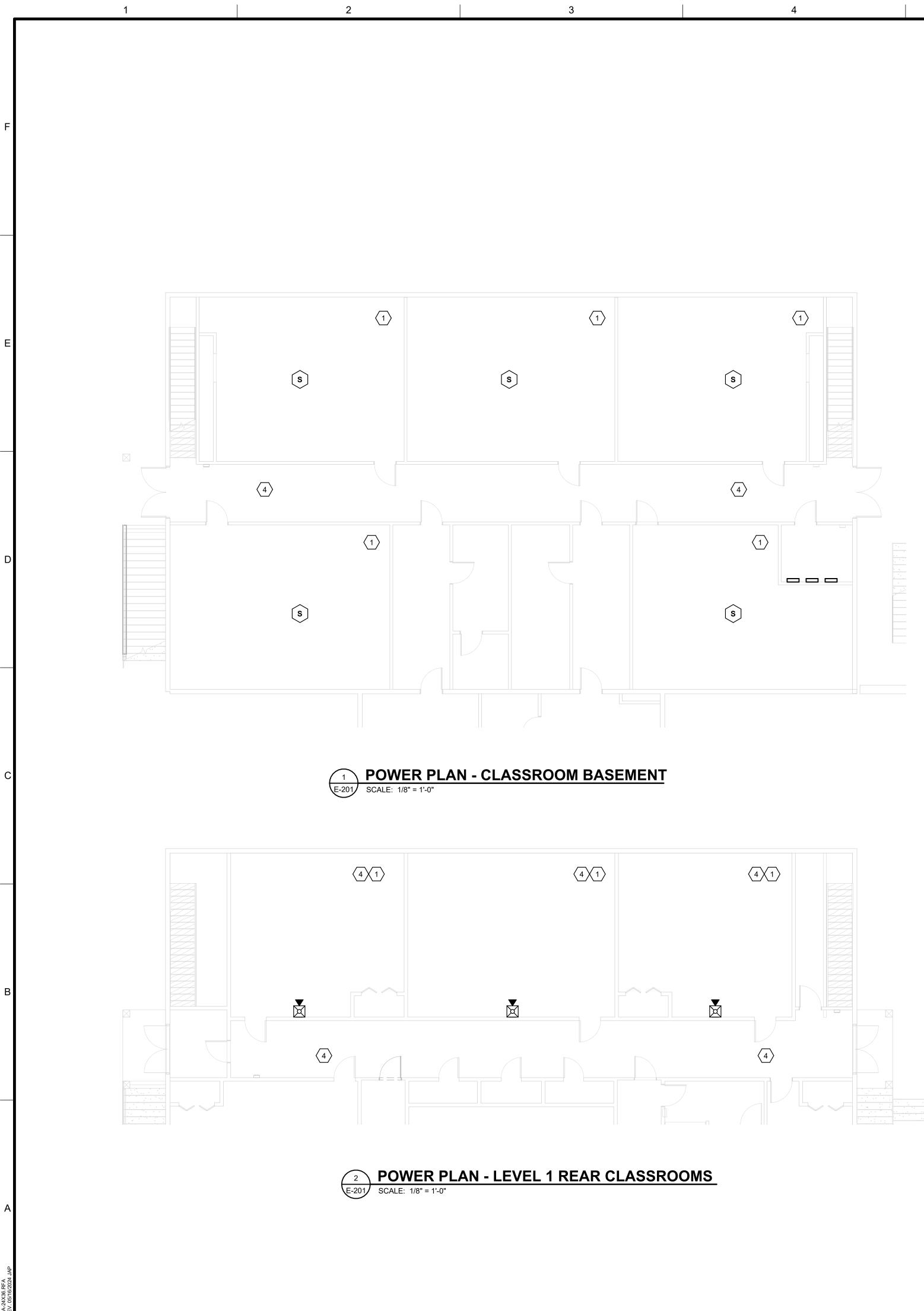
1. MATCH EXISTING LIGHTING LAYOUTS.

2. VERIFY AND REUSE EXISTING SWITCH LOCATIONS WHERE POSSIBLE.

3. CONNECT CONSTANT "HOT" LEG FOR EMERGENCY LIGHTS TO LOCAL CONTINUOUS "HOT" CIRCUIT.

8



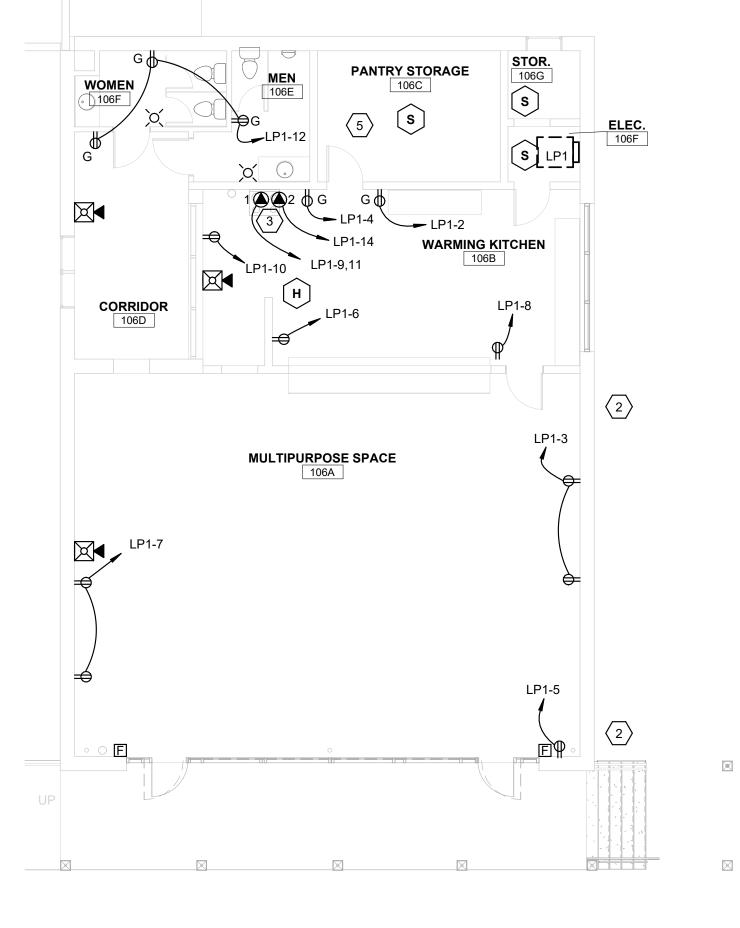


1

2

POWER PLAN KEYED NOTES

- $\langle 1 \rangle$ REPLACE RECEPTACLES IN THIS ROOM. TEST AND REUSE WIRING AND CONDUIT WHERE POSSIBLE. (ESTIMATED AT 6 PER ROOM)
- TRACE CIRCUITS TO MECHANICAL UNIT IN THIS LOCATION. MATCH BREAKERS AND WIRE SIZES AND REPOWER MECHANICAL UNIT FROM NEW PANEL "LP1". VERIFY THAT THERE IS A WEATHER PROOF CONVENIENCE OUTLET WITHIN 25' OF $\langle 2 \rangle$ MECHNICAL EQUIPMENT.
- $\langle 3 \rangle$ RANGE HOOD AND GUARDIAN FIRE SUPPRESSION SYSTEM. INSTALL SHUT TRIP OUTLET PROVIDED WITH FIRE SUPPRESSION SYSTEM.
- $\langle 4 \rangle$ EXISTING FIRE ALARM TO REMAIN.
- $\left< 5 \right>$ VERIFY WATER HEATER LOCATED IN THIS ROOM. CONNECT TO CIRCUIT LP1-29,31 AS INDICATED ON THE PANEL SCHEDULE.



4

- 3

3 POWER PLAN - CAFETERIA BUILDING E-201 SCALE: 1/8" = 1'-0"

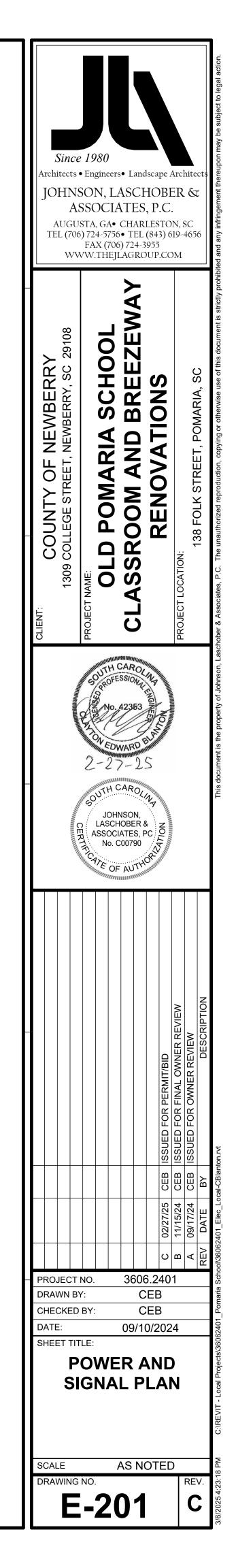
POWER PLAN CONSTRUCTION NOTES

- 1. PROVIDE LOCAL FUSIBLE DISCONNECTING MEANS FOR EACH MOTOR. COORDINATE WITH MOTOR MOCP.
- 2. COORDINATE RECEPTACLE LOCATIONS AND MOUNTING HEIGHTS WITH MILLWORK AND OWNER. MATCH EXISTING LOCATIONS WHERE POSSIBLE. COORDINATE ANY EXPOSED CONDUIT WITH OWNER.
- 3. TRACE CIRCUITS IN FIELD FROM EXISTING PANELS. COORDINATE WITH OWNER WHICH EXISTING CIRCUITS ARE TO BE DEMOLISHED AND WHICH ARE TO BE RECIRCUITED TO NEW PANEL. PROVIDE AND INSTALL MANUFACTURER RECOMMENDED BREAKERS AND WIRE FOR ALL CIRCUITS THAT ARE TO BE RECIRCUITED TO NEW PANEL. PROVIDE FOR A COMPLETE INSTALLATION.
- 4. NEW FIRE ALARM DEVICES TO MATCH EXISTING. CONNECT NEW DEVICES TO EXISTING FIRE ALARM CONTROL PANEL.

SPECIAL OUTLET SCHEDULE

DESCRIPTION ID | 1 KITCHEN RANGE. SHUNT TRIP OUTLET PROVIDED WITH FIRE SUPPRESSION SYSTEM. COORDINATE WITH MANUFACTURER AND OWNER. 2 KITCHEN HOOD AND DUPLEX OUTLET FOR FIRE SUPPRESSION SYSTEM. COORDINATE WITH MANUFACTURER AND OWNER.

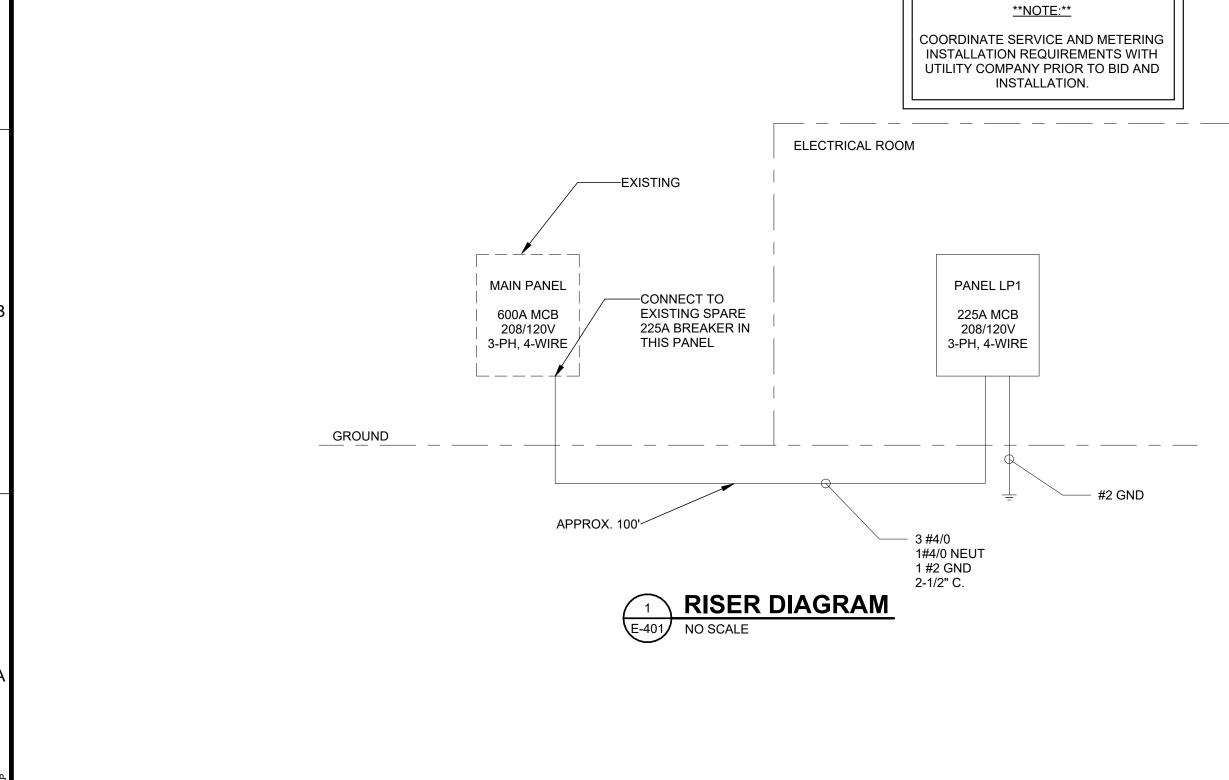


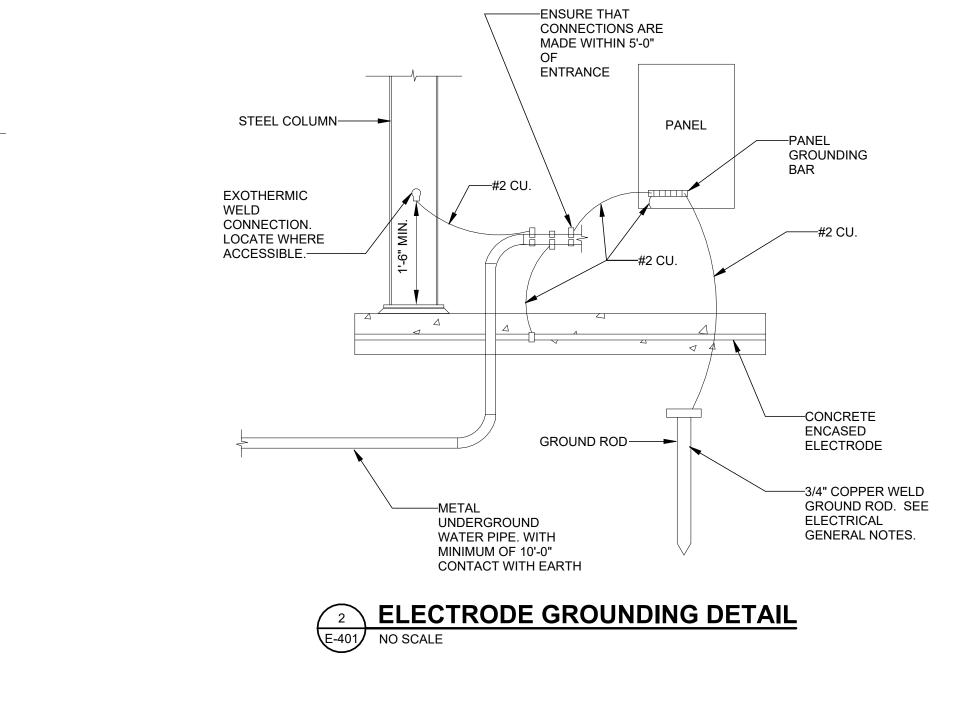


LIGHTING FIXTURE SCHEDULE												
TYPE MARK	MANUFACTURER	MODEL NUMBER	VOLTAGE	WATTAGE	LAMP TYPE	MOUNTING	DESCRIPTION					
A	LITHONIA	STAKS 2X4 ALO6 SWW7	120 V	40 VA	4000K LED		SELECTABLE 4000/5000/6000 LUMEN LEVEL AND SWITCHABLE COLOF TEMPERATURE					
AE	LITHONIA	STAKS 2X4 ALO6 SWW7 LB CP10 A	120 V	40 VA	4000K LED	RECESSED	SELECTABLE 4000/5000/6000 LUMEN LEVEL AND SWITCHABLE COLOF TEMPERATURE WITH EMERGENCY BATTERY					
В	LITHONIA	CSS L48 ALO3 MVOLT SWW3	120 V	44 VA	4000K LED	SURFACE	4' STRIP LIGHT WITH SELECTABLE LUMEN LEVEL AND COLOR TEMPERATURE					
BE	LITHONIA	CSS L48 ALO3 MVOLT SWW3 IE7WCP	120 V	44 VA	4000K LED	SURFACE	4' STRIP LIGHT WITH SELECTABLE LUMEN LEVEL AND COLOR TEMPERATURE WITH EMERGENCY BATTERY					
К	LUMINAIRE LED	SWP1212 MIN10 25W 35K MVOLT CLP	120 V	29 VA	3500K LED	SURFACE	OUTDOOR DECORATIVE FIXTURE					
KE	LUMINAIRE LED	SWP1212 MIN10 25W 35K MVOLT CLP EMB310	120 V	29 VA	3500K LED	SURFACE	OUTDOOR DECORATIVE FIXTURE WITH EMERGENCY BATTERY					
Х	LITHONIA	ECC B G	120 V	5 VA	LED	SURFACE	EXIT SIGN WITH EMERGENCY LIGHTS					

NOTES:

1. COORDINATE ALL FINISH OPTIONS WITH ARCHITECT.





<u>NOTE 1.</u>

CONTRACTOR TO COORDINATE SERVICE AND METERING INSTALLATION REQUIREMENTS, AIC RATING, AND PANEL SCCR WITH UTILITY COMPANY PRIOR TO BID AND INSTALLATION.

				F	PAN	EL:		LP	1						A	В	С	TOTAL	DEMAND
LOCATION	ELEC. 106F	MAIN AMPS				225 A				RECEPTACLE.		ACLE				7620 VA	7620 VA		
MOUNTING	SURFACE				VC			120/208						HEN VA					
MAIN_	BREAKER					PHASE	3		/IRE	4	┥┥	LI		ING VA				703 VA	703 VA
FEED FROM	SERVICE MAIN PANEL					S.C.C.	SE	EE NOTE 1.	MIN.			OTHER VA						10728 VA	10728 V/
		VA PER PH AMPS PE									16580 VA	17980 VA	52811 VA	52811 VA					
											MPS PHA		154 A	138 A	152 A				
MIN. WIRE/CONDUIT SIZE	Load Name	AMPS		СКТ		A		3	c	、	Ск	кц		MPS		ad Name		MIN. WIRE	/CONDUIT ZE
2#12, #12 GND, 3/4" C	LIGHTING	20 A		1	1231 VA	A 180 VA		5		, 	2			20 A		RECEPTA		2#12, #12 (
		20 A		3	1231 VA	100 VA	360 VA	180 VA				_							
2#12, #12 GND, 3/4" C	RECEPTACLES	_	-				300 VA	100 VA	4500.1/4	4500.1/4	4		_	20 A	KITCHEN RECEPTACLES			2#12, #12 (
2#12, #12 GND, 3/4" C	RECEPTACLES	20 A	-	5	0001/4	4500.1/4			1500 VA	1500 VA	6		_	20 A				2#12, #12 (
2#12, #12 GND, 3/4" C	RECEPTACLES	20 A		7	360 VA	1500 VA					8		_	20 A		RECEPTA		2#12, #12 (
2#8, #10 GND, 3/4" C	KITCHEN RANGE	50 A	2	9			4800 VA	1500 VA			1(_	20 A	KITCHEN RECEPTACLES			2#12, #12 (
				11					4800 VA	540 VA	12		_	20 A		RECEPTACLES			GND, 3/4" (
2#8, #10 GND, 3/4" C	HVAC HEAT PUMP (EXISTING)	60 A	2	13	4740 VA	600 VA					14		1 2	20 A		HEN HOOD)	2#12, #12 (GND, 3/4" (
				15			4740 VA	0 VA			16	6	1 2	20 A	:	SPARE			
2#8, #10 GND, 3/4" C	HVAC HEAT PUMP (EXISTING)	60 A	2	17					4740 VA	0 VA	18	8	1 2	20 A	:	SPARE			
				19	4740 VA	0 VA					20	0	1 2	20 A	:	SPARE			
2#8, #10 GND, 3/4" C	HVAC AUX HEAT (EXISTING)	35 A	2	21			2500 VA	0 VA			22	2	1 2	20 A	:	SPARE			
				23					2500 VA	0 VA	24	4	1 2	20 A	:	SPARE			
2#8, #10 GND, 3/4" C	HVAC AUX HEAT (EXISTING)	35 A	2	25	2500 VA	0 VA					26	6	1 2	20 A	:	SPARE			
				27			2500 VA	0 VA			28	8	1 2	20 A	:	SPARE			
2#10, #10 GND, 3/4" C	WATER HEATER	30 A	2	29					2400 VA	0 VA	30	0	1 2	20 A	:	SPARE			
				31	2400 VA	0 VA					32	2	1 2	20 A	:	SPARE			
	SPARE	20 A	1	33			0 VA				34	4	1			SPACE			
	SPARE	20 A	1	35					0 VA		36	6	1		:	SPACE			
	SPARE	20 A	1	37	0 VA						38	8	1		:	SPACE			
	SPARE	20 A		39			0 VA				4(1			SPACE			
	SPARE	20 A		41					0 VA		42	_	1			SPACE			

