

**FIELD EMERGENCY RESPONDER RADIO COVERAGE TESTING PER IFC 510 NOTES:**

1. CONTRACTOR SHALL HIRE AN INDEPENDENT TESTING AGENCY TO TEST THE EMERGENCY RESPONDER RADIO COVERAGE FOR THE ENTIRE BUILDING. THE TESTING COMPANY SHALL VISIT THE SITE AND PERFORM TESTING BASED ON LOCAL A/J EMERGENCY RADIO SYSTEM. THE TESTING RESULTS SHALL BE PROVIDED TO THE ENGINEER OF RECORD AND THE FIRE MARSHAL. THE TEST SHALL BE PER IFC SECTION 510 REQUIREMENTS.
2. PROVIDE A COPY OF THE TEST REPORT TO OWNER UPON SUCCESSFULLY MEETING THE REQUIREMENTS OF IFC 510.
3. IF THE TEST IS NOT SUCCESSFUL, PROVIDE ADDITIONAL BI-DIRECTIONAL AMPLIFIERS (BDA) AS REQUIRED TO MEET THE IFC REQUIREMENTS. PROVIDE CERTIFIED LETTER FROM THE TESTING AGENCY AFTER THE NEW BDA HAS BEEN ADDED TO VERIFY THE ENTIRE BUILDING MEETS RADIO COVERAGE AS PER IFC. SINCE THIS TEST CANNOT BE PERFORMED AT BID STAGE OF THE PROJECT, PROVIDE \$75,000 LINE ITEM ALLOWANCE FOR BDA SYSTEM AS PART OF THE BID.

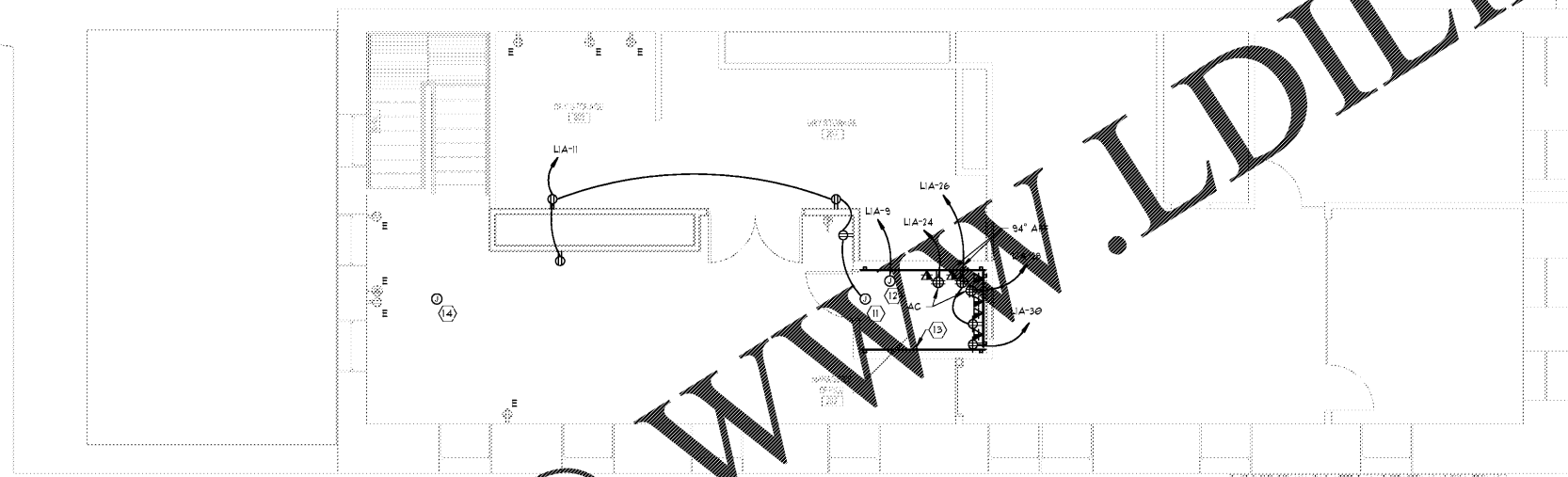
◆ = KITCHEN EQUIPMENT KEYNOTE, SEE KITCHEN EQUIPMENT SCHEDULE, SHEET 60.7 FOR ADDITIONAL INFORMATION.

**ELECTRICAL GENERAL NOTES: (APPLY TO THIS SHEET ONLY)**

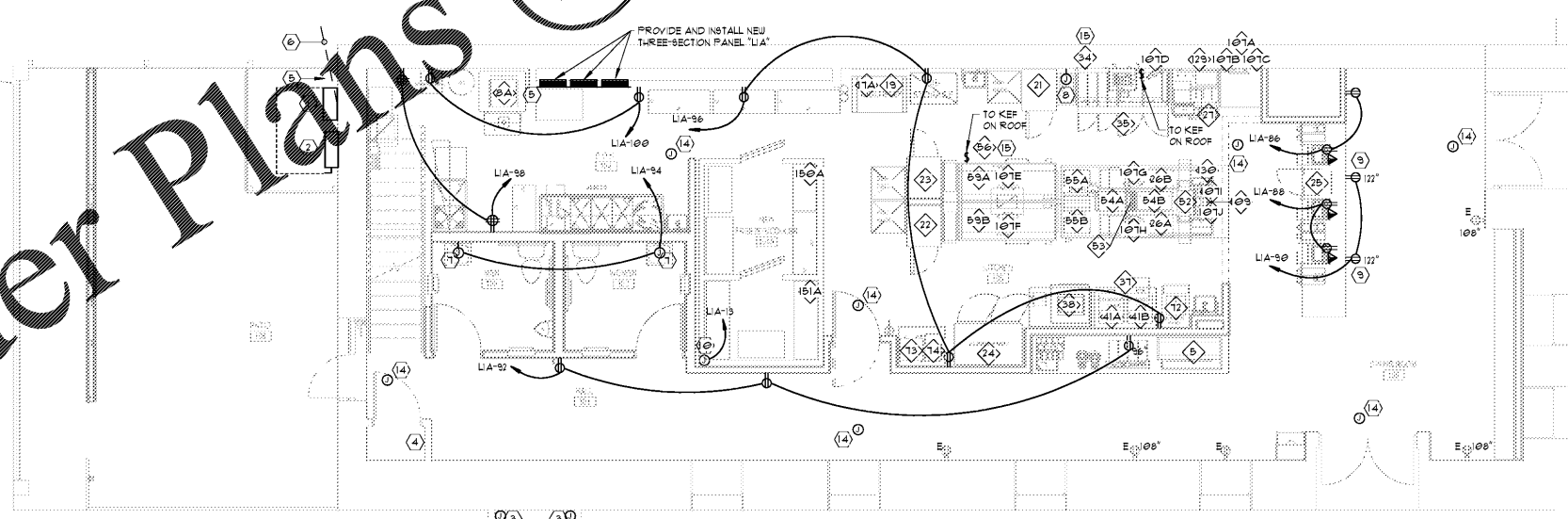
1. LABEL PANELBOARD SCHEDULES PER NEC 408.4. CONTRACTOR SHALL IDENTIFY ALL SPARE BREAKERS AND MOVE THEM TO THE "OFF" POSITION.
2. DO NOT MOUNT OUTLETS BACK TO BACK, OFFSET TO NEXT STUD SPACE.
3. ALL BRANCH CIRCUITS SHALL BE WIRED IFC, 2-1/2" MINIMUM, UNLESS OTHERWISE NOTED ON THE PLANS. ALL HOMERUNS SHALL BE A MINIMUM #8 CONDUIT. PROVIDE ADDITIONAL GROUND OF EQUAL SIZE FOR RELATED GROUND CIRCUITS.
4. SILICONE SEAL ALL CONDUIT PENETRATIONS ABOVE AND BELOW, INSIDE AND OUT AT WALK-IN COOLER/FREEZER TO CONTROL CONDENSATION.

**ELECTRICAL KEY NOTES: (APPLY TO THIS SHEET ONLY)**

1. INSTALL TRANSOCKET PROVIDED BY UTILITY FOR CT METERING. PROVIDE WITH ALL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH UTILITY COMPANY PRIOR TO BEGINNING WORK.
2. PROVIDE AND INSTALL SERVICE ENTRANCE RATED DISCONNECT. SEE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
3. EXISTING CIRCUIT SERVING ATM TO REMAIN. MIGRATE CIRCUIT FROM EXISTING PANEL TO NEW PANEL AS INDICATED ON PANEL SCHEDULE.
4. EXISTING FIRE ALARM CONTROL PANEL, PULL STATION, AND OTHER CONNECTIONS IN THIS AREA TO REMAIN.
5. EXISTING TELECOM SERVICE ENTRANCE CONDUITS IN THIS AREA TO REMAIN.
6. UTILITY TRANSFORMER APPROXIMATELY 1/8" TO THE NORTH. CONTRACTOR SHALL PROVIDE NEW CONDUITURE AS NOTED ON RISER DIAGRAM (SHEET 60.6) VIA TRENCH AND/OR DIRECTIONAL BORE AS REQUIRED.
7. PROVIDE JUNCTION BOX FOR HARDWIRED 120 VOLT POWER FOR AUTOMATIC SINKS.
8. PROVIDE JUNCTION BOX FOR CONNECTION TO INDICATOR LIGHT. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH KITCHEN VENDOR.
9. PROVIDE AND INSTALL RECEPTACLE IN BULKHEAD FOR CONNECTION TO MENU BOARD. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH KITCHEN VENDOR.
10. PROVIDE AND INSTALL JUNCTION BOX IN ACCESSIBLE LOCATION ABOVE COOLER/FREEZER UNIT FOR CONNECTION TO HEAT TRACE. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH KITCHEN VENDOR.
11. PROVIDE AND INSTALL JUNCTION BOX FOR CONNECTION TO DOOR HARDWARE. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH EQUIPMENT SUPPLIER.
12. PROVIDE AND INSTALL JUNCTION BOX FOR CONNECTION TO SECURITY SYSTEM. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH EQUIPMENT SUPPLIER.
13. PROVIDE AND INSTALL TELECOM BACKBOARDS MOUNTED ON ALL WALLS. TELECOM BACKBOARD TO BE MINIMUM 1/2" AC-GRADE PLYWOOD PAINTED ON ALL SIDES. TELECOM BACKBOARD TO BE OF EITHER FIRE-RETARDANT PLYWOOD OR PAINTED WITH TWO COATS OF FIRE-RESISTANT PAINT.
14. PROVIDE AND INSTALL JUNCTION BOX WITH 1/2" AND FULL-STRING STUBBED ABOVE ACCESSIBLE CEILING FOR CONNECTION TO SECURITY SERVICE. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH EQUIPMENT SUPPLIER.
15. COORDINATE JUNCTION BOX AND PULL-STRING STATION LOCATION AND CONNECTION REQUIREMENTS WITH KITCHEN EQUIPMENT SUPPLIER.



2 2ND FLOOR PLAN - ELECTRICAL  
3/16" = 1'-0"

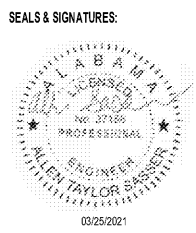


1 1ST FLOOR PLAN - ELECTRICAL  
3/16" = 1'-0"



126 TICHENOR AVE  
AUBURN, AL 36830  
334.887.7010

IN ASSOCIATION WITH:  
**CONWAY & OWEN**  
Mechanics • Electrical • Plumbing  
1100 South College Street  
Auburn, AL 36832  
P: (334) 829-8858 F: (334) 829-8899  
www.Conway-Owen.com



REV	DESCRIPTION	DATE

101 N COLLEGE STREET  
101 N. COLLEGE STREET  
AUBURN, AL 36830



Project No.: SNA Project #: 2021-04  
Client Project No.: 210000X  
Drawing Title:  
**NEW FLOOR PLAN - ELECTRICAL**  
Date: 03/25/2021 Phase:  
Designed: --- Drawing No.:  
Drawn: ---  
Checked: --- **E1.2**