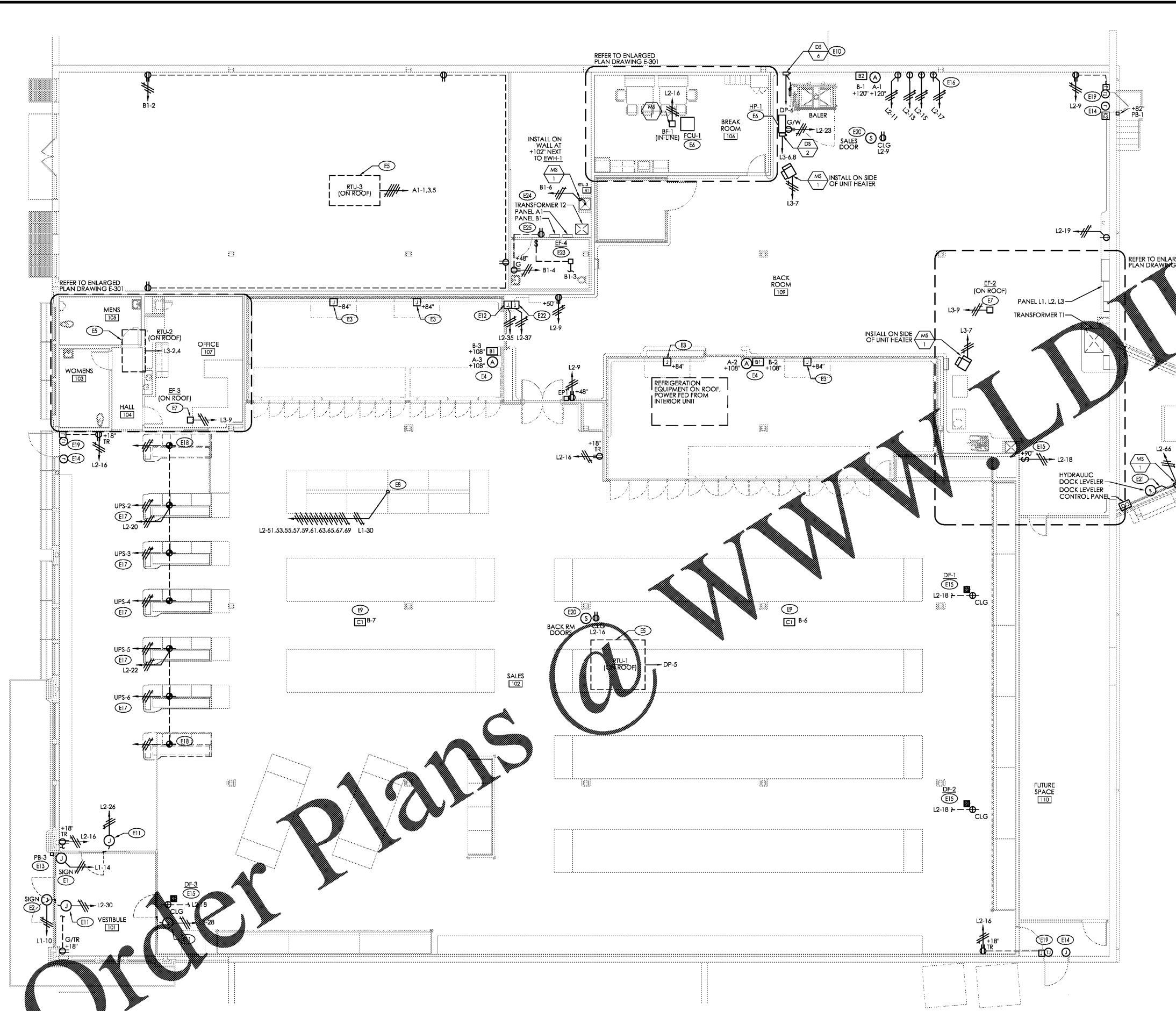


Plot Date: 3/7/2019



- GENERAL ELECTRICAL NOTES:**
REFER TO E-001 FOR ELECTRICAL GENERAL AND INSTALLATION NOTES.
- ELECTRICAL PLAN KEYNOTES:**
- E1 INSTALL JUNCTION BOXES AND BRANCH CIRCUIT FOR FUTURE SIGNS 12" ABOVE VESTIBULE CEILING. PROVIDE 1/2" ELECTRICAL NONMETALLIC TUBING FOR LOW VOLTAGE CABLING FROM ABOVE VESTIBULE CEILING TO EACH GRAPHIC LOCATION CONCEALED IN WALL PRIOR TO DRYWALL INSTALLATION. PROVIDE CAP ON EXTERIOR AND SEAL CONDUIT END WATERTIGHT. REFER TO ARCHITECTURAL ELEVATIONS FOR CONDUIT STUB LOCATIONS AND VERIFY REQUIREMENTS WITH GENERAL CONTRACTOR AND SIGN INSTALLER.
 - E2 INSTALL JUNCTION BOXES AND BRANCH CIRCUIT FOR LOGO SIGNS. VERIFY LOCATIONS AND REQUIREMENTS WITH GENERAL CONTRACTOR. SIGN INSTALLER AND ARCHITECTURAL ELEVATIONS.
 - E3 SURFACE MOUNT JUNCTION BOX WITH 1/2" EMT STUBBED THROUGH TOP OF COOLERS AND FREEZER. SEAL PENETRATION WATERTIGHT USING METHOD APPROVED BY REFRIGERATION CONTRACTOR. CONDUITS PASSING THROUGH COOLER/FREEZER WALL SHALL BE FILLED AND SEALED PER NEC 300.7.
 - E4 SEAL ENCLOSURES AND CONDUIT PENETRATIONS THROUGH COOLER AND FREEZER WALLS USING METHOD APPROVED BY REFRIGERATION CONTRACTOR. CONDUITS PASSING THROUGH COOLER/FREEZER WALLS SHALL BE FILLED AND SEALED PER NEC 300.7.
 - E5 L1 & RTU-1 MOUNTED ON ROOF. REFER TO C3/E-501, D3/E-501 FOR ONE LINE DIAGRAM. DRAWING E-401 FOR WIRING REQUIREMENTS.
 - E6 REFER TO ONE LINE DIAGRAM ON DRAWING E-401 FOR WIRING REQUIREMENTS OF MECHANICAL EQUIPMENT. FCU-1 MOUNTED IN OFFICE CEILING AND HP-1 MOUNTED IN JOIST SPACE OR ON ROOF. REFER TO MECH. DRAWINGS FOR LOCATION.
 - E7 SWITCH EF-3 AND EF-2 WITH EMS SYSTEM THROUGH CONTACTOR ENCLOSURE. REFER TO CONTROL DIAGRAM D1/E-102.
 - E8 LOCATE POWER POLE ABOVE SPOT MERCHANDISER. REFER TO DETAIL B3/E-502 FOR INSTALLATION REQUIREMENTS.
 - E9 SALES FLOOR CHIMES SHALL BE MOUNTED IN THE WALL MOUNT (VERTICAL) POSITION TO SIDE OF JOIST GIRDER IN LOCATIONS INDICATED. CHIMES TO BE MOUNTED IN CEILING MOUNT POSITION (HORIZONTAL). REFER TO D1/E-501 FOR BELL AND BUZZER WIRING DIAGRAM.
 - E10 PROVIDE FLEXIBLE CONDUIT BETWEEN DISCONNECT AND BALER DOOR IN ENTRY AREA. EXTEND FLEXIBLE CONDUIT AND CONDUCTORS THROUGH MULLION TO DOOR OPERATOR LOCATION. CONNECTION TO OPERATOR BY ELECTRICAL CONTRACTOR. VERIFY LOCATION OF DOOR OPERATOR IN ENTRY AREA WITH DOOR SUPPLIER FOR CONDUIT INSTALLATION.
 - E11 ELECTRICAL CONTRACTOR SHALL INSTALL JUNCTION BOX ABOVE DOOR IN ENTRY AREA. EXTEND FLEXIBLE CONDUIT AND CONDUCTORS THROUGH MULLION TO DOOR OPERATOR LOCATION. CONNECTION TO OPERATOR BY ELECTRICAL CONTRACTOR. VERIFY LOCATION OF DOOR OPERATOR IN ENTRY AREA WITH DOOR SUPPLIER FOR CONDUIT INSTALLATION.
 - E12 WATERPROOF J-BOX PROVIDED WITH FREEZER EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE CIRCUIT FOR POWER TO FREEZER THRESHOLD HEATING SYSTEM.
 - E13 INSTALL PB-3 AT +82" IN THE ALUMINUM DOOR JAMB PERPENDICULAR TO GLASS IN LOCATION SHOWN. VERIFY EXACT LOCATION WITH ALDI REP.
 - E14 FOR SECURITY ROUGH-IN FOR CONDUIT AND JUNCTION BOX REQUIREMENTS AT DOORS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS. INSTALL JUNCTION BOXES AND CONDUIT AS REQUIRED. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT FOR SECURITY AND FIRE ALARM SYSTEM. COORDINATE FINAL BOX AND CONDUIT REQUIREMENTS WITH ALARM CONTRACTORS. WIRING FURNISHED AND INSTALLED BY ALARM CONTRACTORS.
 - E15 PROVIDE A NEMA L5-15 RECEPTACLE MOUNTED AT ROOF DECK ELEVATION ADJACENT TO FAN. PROVIDE MATCHING CORD AND PLUG ON FAN. CONTROL VIA SWITCH MOUNTED IN BACK ROOM.
 - E16 INSTALL SIMPLEX RECEPTACLES 108" A.F.F. SPACED 24" ON CENTER FOR BATTERY CHARGERS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR LOCATIONS. COORDINATE EXTENSION CORD REELS WITH ALDI CM.
 - E17 WIRE THROUGH CIRCUIT BREAKER IN [UPS/1] WITH MINIMUM #12 CONDUCTORS IN CONDUIT. REFER TO B1 & C1 ON DRAWING E-501 FOR WIRING DIAGRAMS. ALL UPS POWERED RECEPTACLES SHALL BE LABELED ON DEVICE FACEPLATE "UPS-#" WHERE # = CIRCUIT NUMBER.
 - E18 INSTALL JUNCTION BOXES WITH CIRCUITS INDICATED AS HIGH AS POSSIBLE FOR FUTURE CHECKOUTS. USE CIRCUITS SHALL BE LABELED AND TERMINATE IN JUNCTION BOX ABOVE UPS LOCATION FOR FUTURE INSTALLATION OF ADDITIONAL UPS AND BYPASS.
 - E19 PROVIDE 120V CONNECTION FROM CONVENIENCE RECEPTACLE BRANCH CIRCUIT TO DETEX TRANSFORMER SUPPLIED BY G.C. INSTALL TRANSFORMER IN SURFACE MOUNTED 4 SQ. JUNCTION BOX JUST BELOW ROOF DECK AND PROVIDE 3/4" CONDUIT CONCEALED IN WALL TO JUNCTION BOX IN DOOR FRAME FOR LOW VOLTAGE CABLING. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR BOX AND CONDUIT LOCATIONS. PROVIDE ALL BOXES, CONDUIT AND WIRING REQUIRED FOR DETEX DOOR ALARMS PER MANUFACTURERS INSTRUCTIONS. REFER TO DETAIL B2/E-501.
 - E20 INSTALL REMOTE SOUNDER SUPPLIED BY G.C. TO BOTTOM OF BAR JOIST IN LOCATIONS INDICATED FOR DETEX DOOR ALARM. PROVIDE RECEPTACLE AT TOP CHORD OF ROOF JOIST FOR REMOTE SOUNDER POWER CONNECTION TO CONVENIENCE RECEPTACLE CIRCUIT INDICATED. PROVIDE 3/4" CONDUIT CONCEALED IN WALL BETWEEN JUNCTION BOX IN DOOR FRAME AND WHERE SIGNAL WIRE CAN BE CONCEALED IN ROOF STRUCTURE. RUN SIGNAL WIRE TO REMOTE SOUNDER LOCATION AND CONCEAL IN ROOF JOISTS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR BOX AND CONDUIT LOCATIONS. PROVIDE ALL BOXES, CONDUIT AND WIRING REQUIRED FOR DETEX DOOR ALARMS PER MANUFACTURERS INSTRUCTIONS. REFER TO DETAIL B2/E-501.
 - E21 PROVIDE 1-1/2" CONDUIT CONCEALED IN CONCRETE FROM CONTROL PANEL TO DOCK LEVELER. COORDINATE WITH EQUIPMENT INSTALLER. REFER TO ARCHITECTURAL DRAWINGS FOR OVERHEAD DOOR SILL DETAIL.
 - E22 JUNCTION BOX FOR POWER CONNECTION TO PLUMBING CONTRACTOR SUPPLIED HEAT TRACE. COORDINATE EXACT REQUIREMENTS IN FIELD PRIOR TO ELECTRICAL ROUGH IN.
 - E23 SWITCH FAN EF-4 WITH LIGHTING SERVING AREA. PROVIDE POWER TO EF-4 FROM LIGHTING CIRCUIT.
 - E24 PROVIDE 4S KVA 480V/208V PAD MOUNTED STEP DOWN TRANSFORMER (T2). REFER TO ONE LINE DIAGRAM D1/E-401 FOR MORE INFORMATION.
 - E25 ELECTRICAL CONTRACTOR TO PROVIDE PANELS A1 AND B1. REFER TO PANEL SCHEDULES ON E-402 FOR MORE INFORMATION.

Issued:	Date:
A Client Review Set	02/15/19
B Bid Set	03/08/19
C	
D	
Revisions:	Date:
1	
2	
3	
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5	
6	
7	
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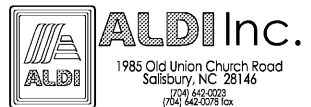
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PROFESSIONAL OF RECORD:
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EXP. DATE: 12/31/2019



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D1 Electrical Plan
SCALE: 1/8" = 1'-0"
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