

GENERAL ELECTRICAL NOTES:

1. ALL HEIGHT DIMENSIONS (e.g. +102") ARE FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE.
2. REFER TO SHEET E-001 FOR MATERIAL LIST AND GENERAL INSTALLATION NOTES.
3. REFER TO D1/E-501 FOR BELL AND BUZZER WIRING REQUIREMENTS.
4. REFER TO D1/E-401 FOR ONE-LINE DIAGRAM.
5. REFER TO SHEET E-401 FOR SCHEDULE OF CIRCUITS FOR PANEL 'L1' & 'L2'.
6. IN AREAS WHERE NO CEILING IS INSTALLED, CONDUIT SHALL BE RUN JUST BELOW ROOF DECK AT BOTTOM OF UPPER CHORD OF ROOF JOISTS.
7. REFER TO A-601 FOR DOOR HARDWARE REQUIRING LINE VOLTAGE, LOW VOLTAGE AND SIGNAL WIRING AND COMPONENT LOCATIONS.
8. IF REQUIRED BY ANY LOCAL JURISDICTION FIRE ALARM SYSTEM CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A COMPLETE FIRE ALARM SYSTEM OR AUTOMATIC HEAT/SMOKE DETECTION SYSTEM AS REQUIRED AND IN ACCORDANCE WITH LOCAL AND STATE CODES. CONTRACTOR SHALL SUBMIT DRAWINGS TO THE LOCAL GOVERNING AUTHORITY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

ELECTRICAL PLAN KEYNOTES:

- (E1) INSTALL JUNCTION BOXES AND BRANCH CIRCUIT FOR FUTURE SIGNS 12" ABOVE VESTIBULE CEILING. PROVIDE 1/2" ELECTRICAL NON-METALLIC 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 WATER TIGHT. 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 WATER TIGHT USING METHOD APPROVED BY REFRIGERATION CONTRACTOR. CONDUITS PASSING THROUGH COOLER/FREEZER WALLS SHALL BE FILLED AND SEALED PER NEC 300.7
- (E4) SEAL ENCLOSURES AND CONDUIT PENETRATIONS THROUGH COOLER AND FREEZER WATER TIGHT USING METHOD APPROVED BY REFRIGERATION CONTRACTOR. CONDUITS PASSING THROUGH COOLER/FREEZER WALLS SHALL BE FILLED AND SEALED PER NEC 300.7
- (E5) RTU-1 & RTU-2 MOUNTED ON ROOF. REFER TO C3/E-501, D3/E-501 AND ONE-LINE DIAGRAM ON DRAWING E-401 FOR WIRING REQUIREMENTS.
- (E6) REFER TO ONE-LINE DIAGRAM ON DRAWING E-401 FOR WIRING REQUIREMENTS OF MECHANICAL EQUIPMENT. ECU-1 MOUNTED IN OFFICE AREA 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 CONTRACTOR ENCLOSURE. REFER TO CONTROL DIAGRAM D1/E-102.
- (E8) LOCATE POWER POLE ABOVE SPOT MERCHANDISER. REFER TO DETAIL A2/E-501 FOR INSTALLATION REQUIREMENTS.
- (E9) SALES FLOOR CHIMES SHALL BE MOUNTED IN THE WALL MOUNT (VERTICAL) POSITION TO SIDE OF ROOST GIRDER IN LOCATIONS INDICATED. CHIMES WILL OPERATE IN CEILING MOUNT POSITION (HORIZONTAL) PER D1/E-501 FOR BELL AND BUZZER WIRING DIAGRAM.
- (E10) PROVIDE FLEXIBLE CONDUIT BETWEEN CONNECT AND REFER LONG ENOUGH TO MOVE OVER 3" FROM WALL TO CHORD OF CONNECT SECURELY TO FRAMING WIRE IN CONNECT LOCATION. CONNECT LOCATION WITH EQUIPMENT POSITIONED PRIOR TO ROUGH-IN.
- (E11) SHALL INSTALL JUNCTION BOX ABOVE DOOR IN ENTRY AREA. EXTEND FLEXIBLE CONDUIT AND CONNECT TO OPERATOR THROUGH MULLION TO DOOR OPERATOR LOCATION. CONNECTION TO OPERATOR BY E.C.
- (E12) VERIFY LOCATION OF DOOR OPERATOR IN ENTRY AREA WITH DOOR SUPPLIER FOR CONDUIT INSTALLATION.
- (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 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.
- (E16) INSTALL SIMPLEX RECEPTACLES 48" A.F.F. SPACED 12" ON CENTER FOR BATTERY CHARGERS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR LOCATIONS.
- (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 CHECKOUT(S). UPS 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 CONNECTED 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) WATERPROOF J-BOX PROVIDED WITH FREEZER EQUIPMENT, E.C. TO PROVIDE CIRCUIT AS INDICATED TO J-BOX FOR FREEZER THRESHOLD HEATER.

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A	Permit Set	12/05/17
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1		
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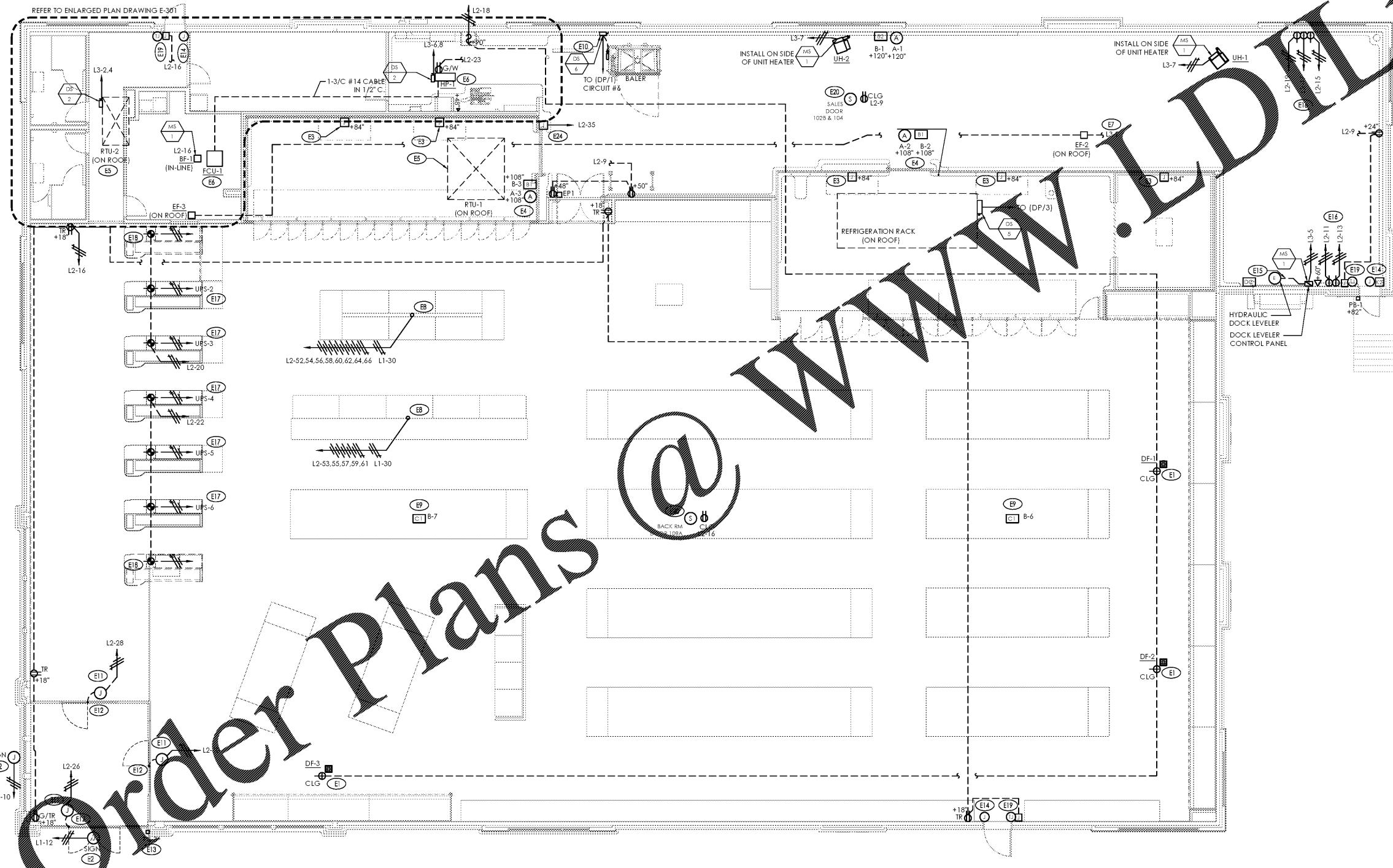
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REVIEWED BY:	KFF

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 Project Name & Location:

Electrical Plan	
Drawing Name:	Project No.
Prototype Rls. 09/07/17	40452-13
Type: LHSD-V8	
	E-201
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D1 Electrical Plan
 SCALE: 1/8" = 1'-0"
 PLAN NORTH

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