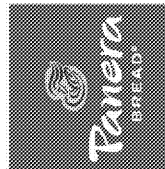


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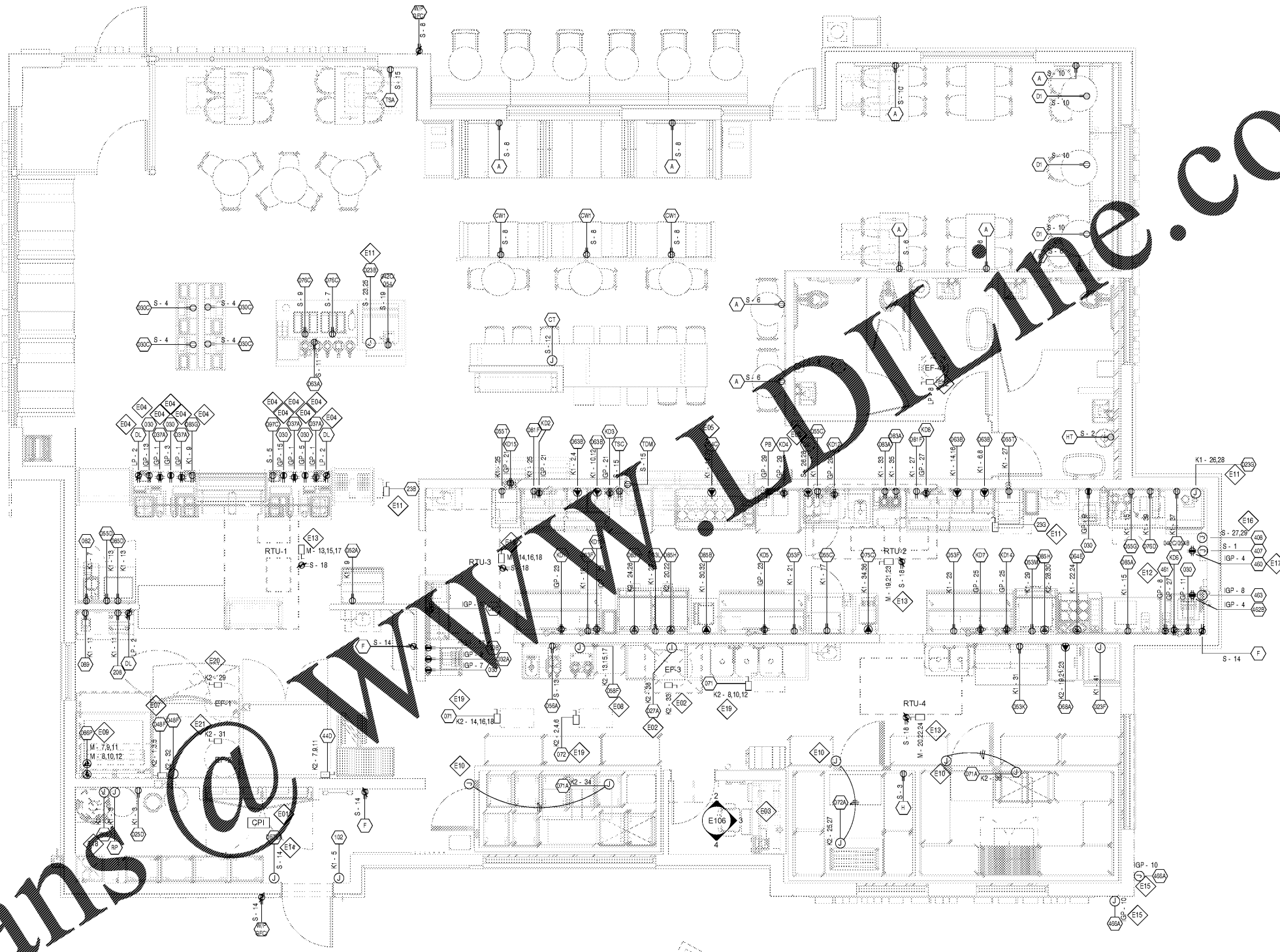
NO.	DESCRIPTION	DATE

ELECTRICAL POWER PLAN

Project Number: 449-18
 Drawn: CJS
 Issue Date: 10/01/18
 DPM: BS
 Sheet Number: E103
 Checked: NJD
 Date: 10/01/18
 DPM: DM
 CPM: ME

E# ELECTRICAL POWER PLAN KEYED NOTES

- E01 SEE ONE-LINE DIAGRAM AND PANEL SCHEDULES ON SHEET E108.
- E02 INSTALL ENTIRE DISHWASHER HOOD CONTROL SYSTEM. COMPONENTS PROVIDED BY ECOLAB. WIRING PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. SEE SHEET E109 THIS SET FOR CONTROL WIRING DIAGRAM. COORDINATE CONNECTION OF HOOD CONTROLS TO EXHAUST FAN WITH MECHANICAL CONTRACTOR IN FIELD.
- E03 SEE DETAILS ON SHEET E106 FOR LOCATION AND CIRCUIT OF RECEPTACLES IN OFFICE AREA.
- E04 ALL WIRING DEVICES IN FRONT COUNTER/CONSOLIDATION WALL SHALL BE INSTALLED IN CABINETS OR IN CASING AND ACCESSED FROM THE FRONT REMOVABLE PANELS. INSTALL GROMMETS IN WALL TO CONNECT EQUIPMENT TO DEVICES. RUN CONDUIT BELOW SLAB TO NEAREST WALL WHICH ENGAGES CEILING FOR CIRCUITING "HOME RUNS". EACH ISOLATED GROUND CIRCUIT SHALL BE RUN IN SEPARATE CONDUIT. ROUTING OF CONDUIT BELOW FLOOR SHALL BE IN SUCH A WAY AS TO MINIMIZE CHANNELING OF SLAB AND AMOUNT OF CONDUIT.
- E05 RECEPTACLES FOR EQUIPMENT NUMBER 64C (IN THE FRONT LINE) SHALL BE FLUSH-MOUNTED AND RECESSED INTO CASEWORK.
- E06 MOUNT ESPRESSO RECEPTACLE SIDEWAYS IN CASEWORK CHASE SO CORD AND PLUG DOES NOT INTERFERE WITH REFRIGERATOR LOCATION.
- E07 VERIFY WIRE SIZE WITH OVEN SUPPLIER.
- E08 PROVIDE ROUGH-IN AND FINAL CONNECTION TO COFFEE MACHINE. PROVIDE "LOCK-OUT" TYPE CIRCUIT BREAKER IN PANEL K2.
- E09 PROVIDE ROUGH-IN AND FINAL CONNECTION FOR DECK OVEN. COORDINATE ELECTRICAL CONNECTION DETAILS WITH OVEN SUPPLIER. COORDINATE LOCATION OF QUICK DISCONNECTS WITH OWNER REPRESENTATIVE IN FIELD. PROVIDE EXCESS CABLE TO ALLOW OVEN TO BE PULLED OUT 2'-6" MINIMUM FOR CLEANING. SEE DETAIL ON SHEET E108.
- E10 PROVIDE ROUGH-IN AND FINAL CONNECTION TO COOLER/FREEZER DOOR. FIELD VERIFY LOCATION. COORDINATE WITH G.C. AND COOLER/FREEZER MANUFACTURER.
- E11 ELECTRICAL CONTRACTOR TO MAKE ELECTRICAL CONNECTION BETWEEN ICE MAKER AND REMOTE CONDENSER ON ROOF. COORDINATE WITH G.C. AND EQUIPMENT MANUFACTURER.
- E12 HME WIRELESS TRANSMITTER LOCATED @ 24" BELOW CEILING. VERIFY LOCATION AND REQUIREMENTS WITH GENERAL CONTRACTOR IN FIELD.
- E13 PROVIDE ROUGH-IN AND FINAL CONNECTION TO ROOFTOP UNIT. ROOFTOP UNIT-MOUNTED DISCONNECTING MEANS SUPPLIED BY EQUIPMENT MANUFACTURER. ELECTRICAL CONTRACTOR TO PROVIDE AND MAKE FINAL CONNECTION TO UNIT-MOUNTED WEATHERPROOF GFI SERVICE RECEPTACLE. COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT MANUFACTURER. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR IN FIELD.
- E14 VERIFY REQUIREMENTS OF DETEX DOOR ALARM WITH EQUIPMENT SUPPLIER.
- E15 PROVIDE ROUGH-IN AND FINAL CONNECTION TO NEW SECURITY CAMERA SHOWN. VERIFY CONNECTION REQUIREMENTS IN FIELD WITH EQUIPMENT SUPPLIER. WHERE 120V CIRCUIT IS REQUIRED USE 20 AMP CIRCUIT LOCATED IN "IGP" PANEL AS INDICATED ON PLANS.
- E16 PROVIDE ROUGH-IN AND FINAL CONNECTION FOR AIR CURTAIN. AIR CURTAIN TO BE ACTIVATED WHEN DRIVE-THRU WINDOW IS OPENED. HEATED AIR CURTAIN TO BE INSTALLED WITH MANUAL SWITCH PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. COORDINATE LOCATION OF SWITCH IN FIELD WITH OWNER'S REPRESENTATIVE.
- E17 PROVIDE JBOX TO FEED POWER TO DRIVE THRU WINDOW. COORDINATE LOCATION WITH WINDOW SUPPLIER AND INSTALLATION MANUAL.
- E18 PROVIDE ROUGH-IN AND FINAL CONNECTION TO WATER HEATER. COMPLETE INSTALLATION SHALL BE IN COMPLIANCE WITH MANUFACTURER RECOMMENDATIONS. COORDINATE REQUIREMENTS WITH PLUMBING CONTRACTOR.
- E19 PROVIDE ROUGH-IN AND FINAL CONNECTION TO COOLER/FREEZER COMPRESSOR. COORDINATE WITH G.C. AND COOLER/FREEZER MANUFACTURER. SEE MEP1 FOR LOCATION.
- E20 PROVIDE ROUGH-IN AND FINAL CONNECTION TO RACK OVEN HOOD EXHAUST FAN, DRAFT INDUCER MOTOR, AND PRESSURE SWITCH. FAN SHALL BE INTERLOCKED WITH OVEN TO RUN WHEN OVEN IS ON. SEE WIRING DETAILS ON MECHANICAL SHEETS. COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT MANUFACTURER.
- E21 PROVIDE ROUGH-IN AND FINAL CONNECTION TO DECK OVEN FAN. FAN TO BE CONTROLLED VIA "ON-OFF" SWITCH. COORDINATE LOCATION OF SWITCH IN FIELD. COORDINATE FAN CONNECTION WITH MECHANICAL CONTRACTOR.
- E22 PROVIDE ROUGH-IN AND FINAL CONNECTION TO RESTROOM FAN. COORDINATE FAN CONNECTION WITH MECHANICAL CONTRACTOR.



1 ELECTRICAL POWER PLAN
 1/4" = 1'-0"
 NORTH

CONDUITS INSTALLED EXPOSED AND NOT CONCEALED IN WALLS OR MOUNTED ABOVE FINISHED CEILINGS SHALL BE INSTALLED A MINIMUM OF 1" CLEAR SPACING FROM WALL AND 6" ABOVE FINISHED FLOOR FOR CLEANING PURPOSES. INSTALLATION OF EXPOSED FLEXIBLE CONDUIT IS NOT ACCEPTABLE.

ALL EQUIPMENT MUST BE LISTED AND LABELED FOR ITS USE. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE ON-SITE AT TIME OF INSPECTION. TYPICAL PER FBC 6th Ed. (17) & NEC 14 CODES.

GENERAL NOTES POWER

- E.C. SHALL RUN NEUTRAL AND GROUNDING WIRES TO ALL KITCHEN EQUIPMENT. NO SHARED NEUTRALS SHALL BE USED.
- ALL KITCHEN EQUIPMENT SHALL BE FURNISHED BY OTHERS. ELECTRICAL CONTRACTOR SHALL SET IN PLACE AND MAKE FINAL CONNECTIONS.
- ALL CONDUIT PASSING THROUGH WALL OF COOLER/FREEZER SHALL BE SEALED WITH SILICON.
- ALL RECEPTACLES SHALL BE NEMA GROUNDING TYPE. RECEPTACLES IN DINING AREA SHALL HAVE BLACK WIRING DEVICES AND BLACK COVERS. RECEPTACLES IN KITCHEN AREA SHALL HAVE BLACK WIRING DEVICES AND BRUSHED STAINLESS STEEL COVERS.
- ALL KITCHEN JUNCTION BOXES SHOWN SHALL INCLUDE FINAL CONNECTION TO THEIR RESPECTIVE KITCHEN EQUIPMENT.
- VERIFY ELECTRICAL REQUIREMENTS, CONNECTIONS, AND EXACT LOCATION OF CONNECTIONS. COORDINATE WITH EQUIPMENT SUPPLIER/CONTRACTOR.
- ALL 120 VOLT OUTLETS IN KITCHEN AREA ARE TO BE GFCI PROTECTED, EITHER BY RATED BREAKERS OR DEVICES.
- REFER TO THE GENERAL CONDITIONS ON SHEET G-SL FOR FIRE STOPPING REQUIREMENTS

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