



project address | name
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job status
revisions
seal

GENERAL NOTES APPLICABLE TO DETAIL 2:

- SEE HOOD INTERLOCK SCHEDULE(S) ASSOCIATED WITH THIS DETAIL FOR ALL PIECES OF EQUIPMENT THAT ARE TO BE INTERLOCKED TOGETHER.
- NOTES APPLICABLE TO DETAIL 2:**
 - SOLAR "D" #R5001015/14 SPDT RELAY WITH ONE NORMALLY OPEN CONTACT AND ONE NORMALLY CLOSED CONTACT SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. MOUNT RELAY IN NEMA 1 ENCLOSURE IN THE CEILING SPACE DIRECTLY BELOW THE HOOD UNIT. IF APPROVED BY THE AUTHORITY HAVING JURISDICTION AND MANUFACTURER, THIS RELAY CAN BE MOUNTED WITHIN THE CONTROL SECTION OF THE HOOD UNIT. DOING SO DOES NOT VOID ANY UL LISTINGS.
 - TO ADDITIONAL HVAC UNIT INTERLOCK ASSEMBLY AS REQUIRED FOR ALL PIECES OF HVAC EQUIPMENT REQUIRED TO BE INTERLOCKED WITH THE EXHAUST HOOD.
 - HOME ELECTRIC CORPORATION (HECO) 120VAC PRIMARY, 24VAC SECONDARY, 100VA INDUSTRIAL CONTROL TRANSFORMER SHALL BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. A MAXIMUM OF EIGHT RELAYS AND/OR CONTACTOR COILS CAN BE SERVED BY THIS TRANSFORMER.
 - ANSUL NORMALLY CLOSED SWITCH (ANSUL) PROVIDED FOR GREASE (TYPE J) EXHAUST HOODS ONLY. COORDINATE WITH KITCHEN EQUIPMENT DRAWINGS AND FIRE SUPPRESSION CONTRACTOR.
 - DEVICES WITHIN AND WIRING INTERNAL TO THIS CONTROL PANEL SHALL BE BY THE EXHAUST HOOD MANUFACTURER. INTERNAL COMPONENTS AND WIRING OF HOODS MIGHT VARY SLIGHTLY FROM WHAT IS INDICATED ON THIS WIRING DIAGRAM.
 - THIS ASSEMBLY IS TYPICAL FOR EACH PIECE OF THERMOSTATICALLY CONTROLLED HVAC EQUIPMENT THAT IS REQUIRED TO BE INTERLOCKED WITH THE EXHAUST HOOD, BUT SHOW ONLY ONE FOR CLARITY. THE ELECTRICAL CONTRACTOR SHALL PERFORM SIMILAR WORK FOR EACH PIECE OF THERMOSTATICALLY CONTROLLED HVAC EQUIPMENT THAT IS TO BE INTERLOCKED WITH THE EXHAUST HOOD.
 - THIS ASSEMBLY IS TYPICAL FOR EACH EXHAUST FAN THAT IS REQUIRED TO BE INTERLOCKED WITH THE EXHAUST HOOD, BUT SHOW ONLY ONE FOR CLARITY. THE ELECTRICAL CONTRACTOR SHALL PERFORM SIMILAR WORK FOR EACH EXHAUST FAN THAT IS TO BE INTERLOCKED WITH THE EXHAUST HOOD. THE EXHAUST FAN IN THIS DIAGRAM IS SHOWN AS A 3-PHASE FAN, BUT MAY BE SINGLE-PHASE, 1-POLE OR SINGLE-PHASE, 2-POLE DEPENDING ON MECHANICAL EQUIPMENT SPECIFICATIONS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE SPECIFIC REQUIREMENTS WITH THE PLAN AND THE MECHANICAL EQUIPMENT SPECIFICATIONS AND MAKE ANY ADJUSTMENTS REQUIRED.
- THIS ASSEMBLY IS TYPICAL FOR EACH MAKE-UP AIR UNIT / FRESH-AIR UNIT THAT IS REQUIRED TO BE INTERLOCKED WITH THE EXHAUST HOOD, BUT SHOW ONLY ONE FOR CLARITY. THE ELECTRICAL CONTRACTOR SHALL PERFORM SIMILAR WORK FOR EACH MAKE-UP AIR UNIT / FRESH-AIR UNIT THAT IS TO BE INTERLOCKED WITH THE EXHAUST HOOD. THE MAKE-UP AIR UNIT / FRESH-AIR UNIT IN THIS DIAGRAM IS SHOWN AS A 3-PHASE FAN, BUT MAY BE SINGLE-PHASE, 1-POLE OR SINGLE-PHASE, 2-POLE DEPENDING ON MECHANICAL EQUIPMENT SPECIFICATIONS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE SPECIFIC REQUIREMENTS WITH THE PLAN AND THE MECHANICAL EQUIPMENT SPECIFICATIONS AND MAKE ANY ADJUSTMENTS REQUIRED.

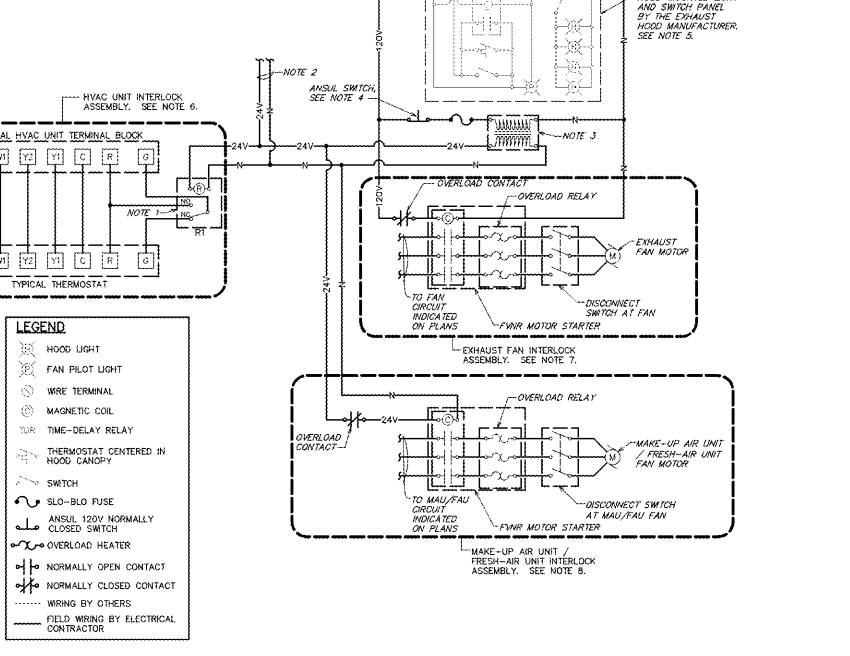
GENERAL ELECTRICAL NOTES:

- WHERE THE MECHANICAL DESIGN UTILIZES A PLenum RETURN AIR CEILING DESIGN, ALL EQUIPMENT AND MATERIALS INSTALLED WITHIN THE PLenum RETURN CEILING MUST MEET THE PLenum SPREAD AND SMOKE DEVELOPED RATINGS OF 25/30 AND BE APPROVED FOR USE IN PLenum RETURN CEILING. COORDINATE PLenum CEILING LOCATIONS WITH THE MECHANICAL CONTRACTOR. LIMITATIONS THAT ARE MANUFACTURED WITH A METAL HOUSING MEET THIS REQUIREMENT AND ARE NOT REQUIRED TO BE PLenum RATED UNLESS INDICATED OTHERWISE.
- COORDINATE ALL DEVICE LOCATIONS AND CIRCUIT ROUTING WITHIN ANY MILLWORK WITH MILLWORK VENDOR PRIOR TO ROUGH-IN.
- COORDINATE THE CONNECTIONS OF ALL EQUIPMENT PROVIDED BY OTHERS WITH THE CONTRACTOR PROVIDING THE EQUIPMENT PRIOR TO ROUGH-IN. THIS INCLUDES, BUT IS NOT LIMITED TO, MECHANICAL EQUIPMENT, KITCHEN EQUIPMENT, AUDIO/VISUAL EQUIPMENT, FIRE SUPPRESSION SYSTEM EQUIPMENT, FIRE ALARM EQUIPMENT, ETC. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE THE APPROPRIATE DISCONNECTING MEANS FOR, AND TO MAKE THE FINAL CONNECTION TO, ANY HARDWIRED EQUIPMENT. THE ELECTRICAL CONTRACTOR IS ALSO RESPONSIBLE TO PROVIDE AN APPROPRIATE COND AND PLEG FOR ANY COND-AND-PLUS CONNECTED EQUIPMENT THAT IS NOT EQUIPPED WITH AN INTERNAL CORD AND PLUG.
- SEE PANEL SCHEDULES FOR INFORMATION ON CIRCUITS THAT ARE TO BE ROUTED THROUGH CONTACTORS OR RELAYS FOR CONTROL.
- ALL EQUIPMENT, DEVICES, AND LIMITING'S SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED. EQUIPMENT MOUNTED OUTDOORS SHALL BE NEMA 3R. DEVICES MOUNTED IN DAMP OR WET LOCATIONS SHALL BE WEATHERPROOF. RECEPTACLES RATED 15-, 20-AMPS AND 100 VOLTS MUST BE LOCATED IN DAMP OR WET LOCATIONS SHALL BE GFCI PROTECTED AND EQUIPPED WITH A SUITABLE WEATHERPROOF COVER (1/2" INCHES IN NET LOCATIONS).
- ALL LIVES, TERMINALS, ETC. IN ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE LISTED FOR A MINIMUM OF 75 DEGREE C CONDUCTORS. TERMINATION LISTED FOR ONLY 60 DEGREE C CONDUCTORS ARE NOT PERMITTED.

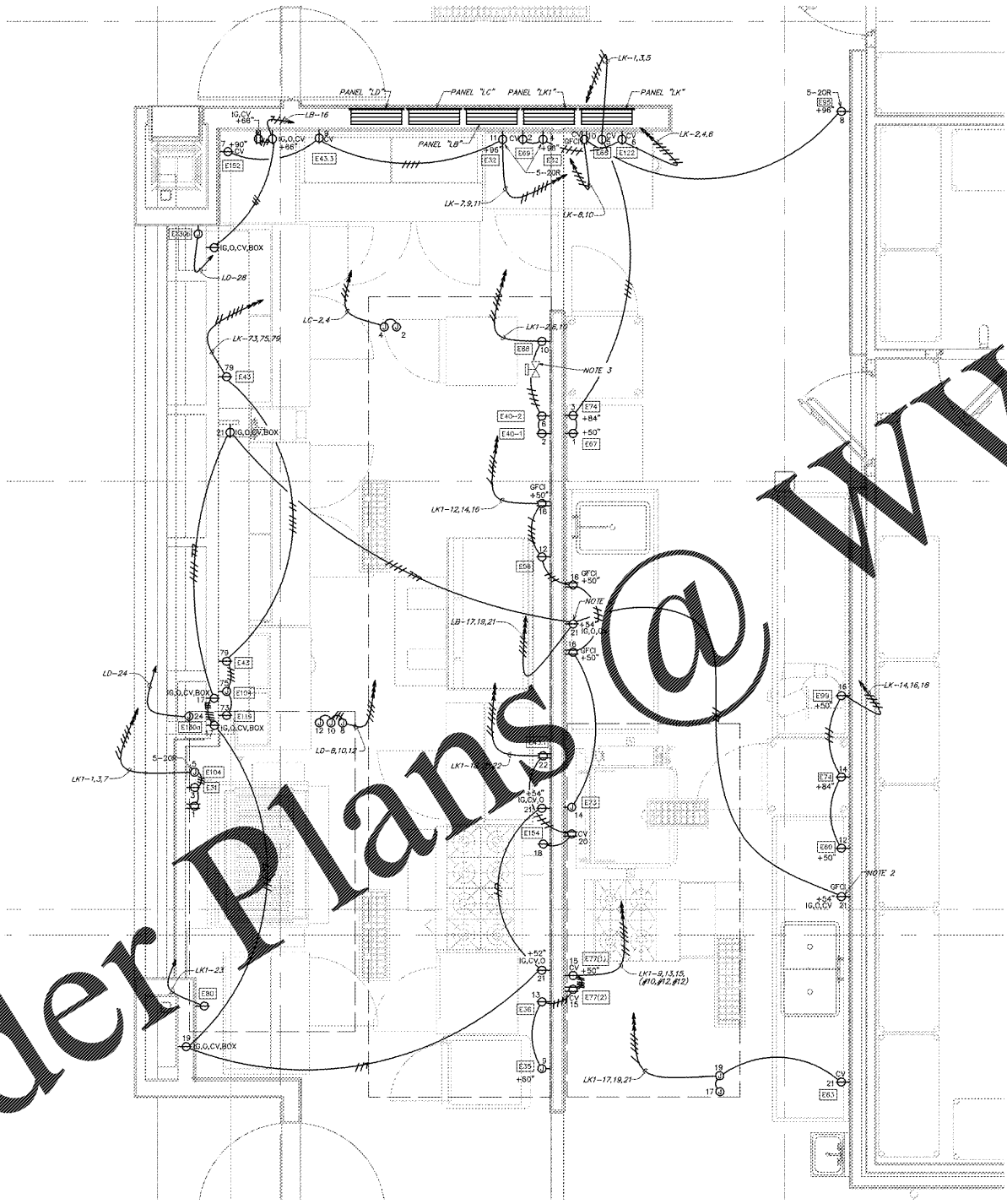
KEYED NOTES:

- RECEPTACLES MARKED "H" SHALL BE PROVIDED WITH A WEATHERPROOF METAL COVER, SIGMA MODEL #4438, OR EQUIVALENT. FOR ADDITIONAL INFORMATION ON WEATHERPROOF MATERIAL.
- RECEPTACLES MARKED "O" SHALL BE ORANGE LEVITON MODEL #0FTR-100.
- RECEPTACLES MARKED "B" SHALL BE INSIDE RECESSED BOX.

EQUIPMENT TAG	NOTES
EP-1,2,3,4	PROVIDE EXHAUST FAN INTERLOCK ASSEMBLY. SEE NOTE 5.
RTU-1,2,3	PROVIDE HVAC UNIT INTERLOCK ASSEMBLY. SEE NOTE 6.
MAU-1,2,3	PROVIDE MAKE-UP AIR UNIT / FRESH-AIR UNIT INTERLOCK ASSEMBLY. SEE NOTE 8.



2 RESTAURANT HOOD INTERLOCK DIAGRAM



1 ENLARGED POWER PLAN

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ENLARGED
POWER PLAN

E2.01