

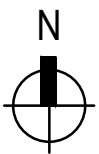
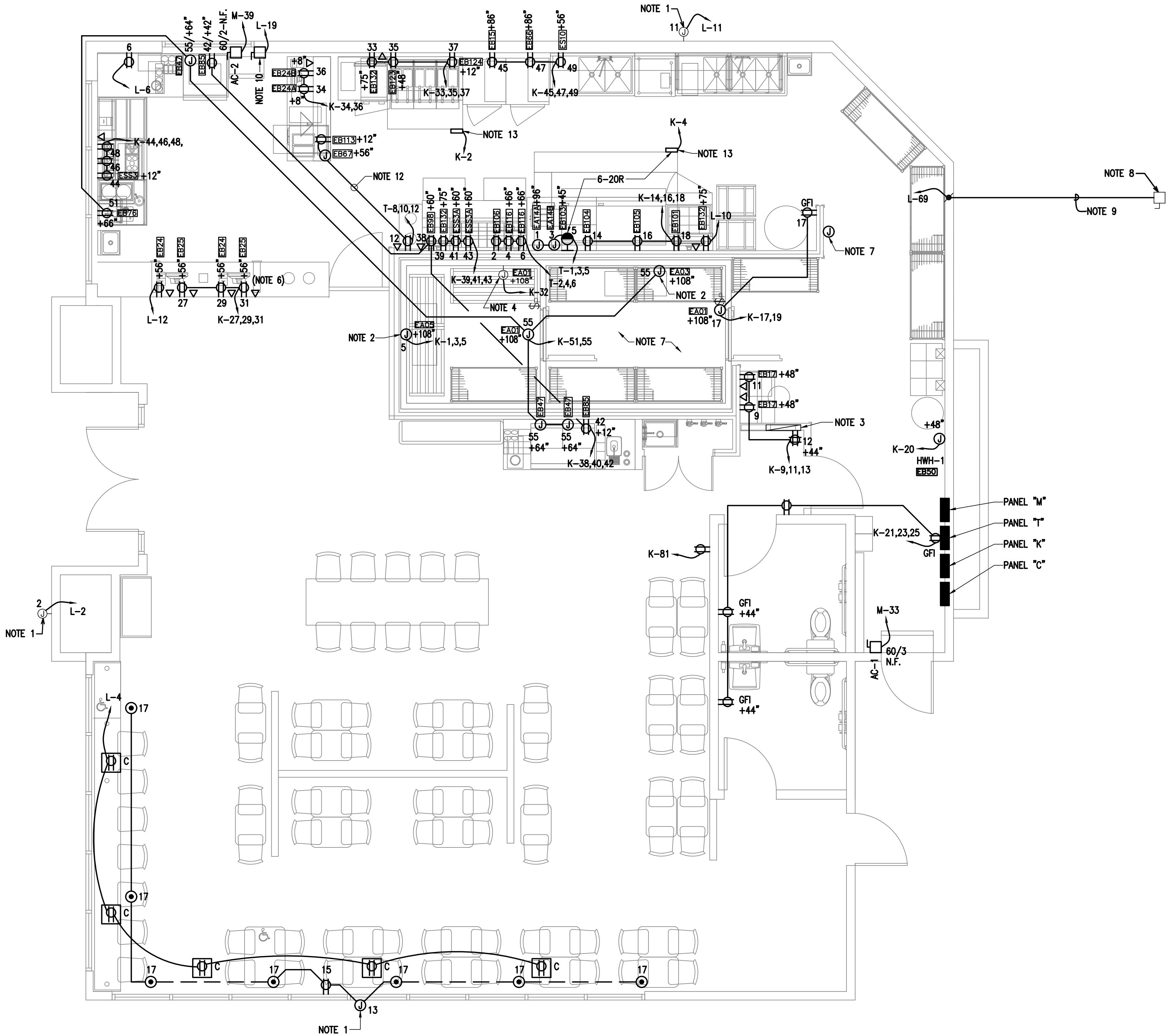
Kitchen Equipment List	
Mark	Equipment Description
EA01	WALK-IN COOLER/FREEZER
EA01A	HEAT TAPE
EA03	COOLER EVAP COIL
EA05	FREEZER EVAP COIL
EA14	GRIDDLE EXHAUST HOOD
EA14A	FIRE SUPPRESSION SYSTEM
EA14B	ELECTRICAL CONTROL PACKAGE
EA17	FRY LINE HOOD
EB01	AIR CURTAIN
EB07	SODA SYSTEM
EB15	FREEZER
EB17	OFFICE
EB24	POS
EB24A	POS
EB25	PRINTER
EB32	DISH MACHINE
EB47	ICE MACHINE
EB50	OIL TANK
EB51	ELECTRIC KETTLE
EB65	CONVECTION OVEN
EB66	FREEZER
EB67	HEAT LAMP
EB76	MILK DISPENSER
EB85	SODA DISPENSER
EB87	COFFEE BREWER
EB88	TEA BREWER
EB97	DRESSING TABLE
EB98	POS SYSTEM
EB101	STAB BOXES
EB103	VERTICAL TOASTER
EB104	GRIDDLE
EB105	GRIDDLE
EB106	DRESS TABLE
EB107	CHEESE MELTER
EB112	HEAT LAMP
EB112A	HEAT LAMP
EB113	DRAWER WARMER
EB114	COUNTER TOP WARMER
EB115	MICROWAVE
EB116	HOLDING UNIT
EB119	HOT FOOD DISPENSER
EB123	SMALL DUMP STATION
EB124	FRYER BATTER CONTROLS
EB125	POP UP TOASTER
EB126	FREEZER
EB132	KDS SYSTEM
ES10	PREP TABLE
ESS1	MAIN SHAKE STATION
ESS1A	SHAKE STATION ACCESSORY
ESS1B	SHAKE SATION ACCESSORY
E2000	AIR CURTAIN

KEYED NOTES:

1. PROVIDE FINAL CONNECTION TO SIGNAGE. COORDINATE LOCATION AND ALL REQUIREMENTS WITH SIGN CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE AN APPROPRIATE LOCAL DISCONNECTING MEANS MOUNTED IN AN ACCESSIBLE, INCONSPICUOUS LOCATION THAT IS WITHIN SIGHT OF THE SIGN. EACH SIGN CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND SEPARATE EQUIPMENT GROUNDING CONDUCTOR.
2. PROVIDE FINAL CONNECTION TO WALK-IN COOLER/FREEZER EVAPORATOR. VERIFY ALL REQUIREMENTS WITH WALK-IN COOLER/FREEZER MANUFACTURER PRIOR TO ROUGH-IN. INTERLOCK WITH ASSOCIATED REMOTE CONDENSING UNIT, DEFROST CONTROLS, DOOR HEATERS, CONDENSATE LINE, HEAT TRACE, AND ALL OTHER APPURTENANCES PER THE MANUFACTURER'S REQUIREMENTS AND/OR RECOMMENDATIONS.
3. PROVIDE A 2'-0" x 8'-0" x 3/4" UL-LABELED FIRE-RETARDANT PLYWOOD BACKBOARD FOR TELECOMMUNICATIONS EQUIPMENT. PROVIDE GROUND BAR MOUNTED ON BACKBOARD WITH EQUIPMENT GROUNDING CONDUCTOR CONNECTED TO POWER SYSTEM'S GROUNDING ELECTRODE SYSTEM.
4. PROVIDE FINAL CONNECTION TO FREEZER HEAT TRACE TAPE. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
5. PROVIDE DEDICATED RECEPTACLE AT 88" AFF FOR OIL TANK. RECEPTACLE FOR OIL TANK SHALL NOT BE A GFI RECEPTACLE OR SHALL BE A GFI RECEPTACLE RATED FOR PUMP USAGE. PROVIDE JUNCTION BOX ON WALL 4" BELOW CEILING ABOVE FRYERS AND STUB 1" CONDUIT FROM BOX TO ABOVE CEILING FOR LOW VOLTAGE CABLING. COORDINATE INSTALLATION LOCATION AND REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
6. RUN FLEXIBLE CONDUIT CONCEALED WITH MILLWORK FOR CONNECTION TO DEVICES. ALL PENETRATIONS THROUGH THE WALK-IN COOLER SHALL BE SEALED. ELECTRICAL CONTRACTOR SHALL AVOID SEAMS IN WALK-IN COOLER PANELS WHEN MAKING PENETRATIONS. ELECTRICAL CONTRACTOR SHALL MAKE ALL NECESSARY CONNECTIONS TO THE WALK-IN LIGHTS, DEFROST TIMERS, EVAPORATOR, ETC.
7. PROVIDE 20A/1P DISCONNECT SWITCH IN WEATHERPROOF, NEMA-3R ENCLOSURE FOR DRIVE-THRU MENU-BOARD. MOUNT DISCONNECT SWITCH TO BACK OF BOARD. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH ARCHITECTURAL PLANS.
9. PROVIDE (3) 1" UNDERGROUND CONDUITS, (1) FOR POWER, (1) FOR SPEAKER WIRES AND (1) FOR DETECTOR LOOP TO DRIVE-THRU MENU-BOARD AREA. EXTEND SPEAKER CONDUIT AND DETECTOR LOOP CONDUIT TO ABOVE CEILING. (NOTE: DETECTOR LOOP SHALL BE INSTALLED PRIOR TO THE PARKING LOT BEING INSTALLED. COORDINATE WITH OWNER AND GENERAL CONTRACTOR)
10. PROVIDE DEDICATED 15A/120V CIRCUIT FOR DRIVE THROUGH WINDOW. PROVIDE 30A/1P/NF NEMA-1 DISCONNECT SWITCH. COORDINATE EXACT LOCATION WITH PROJECT MANAGER AND ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
11. PROVIDE 4" OCTAGONAL JUNCTION BOX WITH SCREW THREADS SET AT THE 2 AND 8 O'CLOCK POSITIONS FOR THE GREASE HOOD FIRE SUPPRESSION SYSTEM PULL STATION. PROVIDE A 1/2" CONDUIT FROM THE JUNCTION BOX TO 6" ABOVE THE ACCESSIBLE CEILING AND TERMINATE WITH A CONDUIT BUSHING. COORDINATE EXACT LOCATION WITH THE GREASE HOOD FIRE SUPPRESSION SYSTEM INSTALLER AND THE FIRE MARSHAL PRIOR TO ROUGH-IN.
12. INTERLOCK GAS SOLENOID VALVE WITH GREASE HOOD FIRE SUPPRESSION SYSTEM SUCH THAT GAS SOLENOID VALVE CLOSSES UPON GREASE HOOD FIRE SUPPRESSION SYSTEM DISCHARGE. COORDINATE ALL REQUIREMENTS WITH PLUMBING CONTRACTOR.
13. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL WIRING AND COMPONENTS INDICATED AS FIELD WIRING OF HOOD CONTROL SYSTEM. VERIFY AND COORDINATE ALL REQUIREMENTS WITH THE HOOD CONTROL PANEL MANUFACTURER AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

GENERAL ELECTRICAL NOTES:

- A. WHERE THE MECHANICAL DESIGN UTILIZES A PLENUM RETURN AIR CEILING DESIGN, ALL EQUIPMENT AND MATERIALS INSTALLED WITHIN THE PLENUM RETURN CEILING MUST MEET THE FLAME SPREAD AND SMOKE DEVELOPED RATINGS OF 25/50 AND BE APPROVED FOR USE IN PLENUM RETURN CEILINGS. COORDINATE PLENUM CEILING LOCATIONS WITH THE MECHANICAL CONTRACTOR. LUMINAIRES THAT ARE MANUFACTURED WITH A METAL HOUSING MEET THIS REQUIREMENT AND ARE NOT REQUIRED TO BE PLENUM RATED UNLESS INDICATED OTHERWISE.
- B. COORDINATE ALL DEVICE LOCATIONS AND CIRCUIT ROUTING WITHIN ANY MILLWORK WITH MILLWORK VENDOR PRIOR TO ROUGH-IN.
- C. 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 CORD AND PLUG FOR ANY CORD-AND-PLUG CONNECTED EQUIPMENT THAT IS NOT EQUIPPED WITH AN INTEGRAL CORD AND PLUG.
- D. SEE PANEL SCHEDULES FOR INFORMATION ON CIRCUITS THAT ARE TO BE ROUTED THROUGH CONTRACTORS OR RELAYS FOR CONTROL.
- E. ALL EQUIPMENT, DEVICES, AND LUMINAIRES 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- OR 20-AMPS AND 120 VOLTS WHICH ARE LOCATED IN DAMP OR WET LOCATIONS SHALL BE GFCI PROTECTED AND EQUIPPED WITH A SUITABLE WEATHERPROOF COVERPLATE (WHILE-IN-USE IN WET LOCATIONS).
- F. ALL LUGS, TERMINALS, ETC. IN ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE LISTED FOR A MINIMUM OF 75 DEGREE C CONDUCTORS. TERMINATIONS LISTED FOR ONLY 60 DEGREE C CONDUCTORS ARE NOT PERMITTED.





POWER & SIGNAL PLAN

1/4"



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NOTICE TO CONTRACTORS: Written dimensions on these drawings shall take precedence over noted dimensions. Contractors shall verify and be responsible for confirming all dimensions and shall notify the architect immediately of any discrepancies for their resolution, if any.	
PROJECT	
TENANT IMPROVEMENT FOR	
	
1966 WEST AVE L LANCASTER, CA	
DATE	ISSUED FOR
8-24-18	BUILDING DEPT SUBMITTAL
6-26-19	
NO.	REVISIONS
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ELECTRICAL	
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