

PRE-WIRED BREAKER PANEL INSTALLED in EQUIPMENT (by K.E.C. or MANUFACTURER) PULL BOX INSTALLED in EQUIPMENT (by K.E.C. or MANUFACTURER) JUNCTION BOX with FINAL CONNECTIONS to EQUIPMENT JUNCTION BOX INSTALLED in EQUIPMENT (by K.E.C. or MANUFACTURER) DUPLEX CONVENIENCE OUTLET (D.C.O.) D.C.O. INSTALLED in EQUIPMENT (by K.E.C. or MANUFACTURER) POWER OUTLET, 1 PHASE POWER OUTLET INSTALLED in EQUIPMENT (by K.E.C. or MANUFACTURER) POWER OUTLET, 3 PHASE POWER OUTLET INSTALLED in EQUIPMENT (by K.E.C. or MANUFACTURER) CONDUIT STUB with FINAL CONNECTIONS to EQUIPMENT FLOOR OUTLET, FLUSH OR PEDESTAL MOUNTED VAPOR-PROOF LIGHT FIXTURE DROP CORD RECEPTACLE LOW TEMP. FLOURESCENT LIGHT FIXTURE SWITCH —X——X— PLUG MOULDING ABOVE FINISHED FLOOR BFF BELOW FINISHED FLOOR BTC BRANCH TO CONNECTION DCO DUPLEX CONVENIENCE OUTLET DFA DROP FROM ABOVE

REFER to INDICATED NOTE

RELATED ELECTRICAL REQUIREMENTS

<u>A.</u> <u>GENERAL NOTES:</u> 1. ALL WORK INDICATED ON THIS ELECTRICAL ROUGH—IN PLAN MUST BE COMPLETED BY OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR AND MUST COMPLY WITH ALL LOCAL CODES AND

REGULATIONS. 2. THIS ELECTRICAL ROUGH—IN PLAN IS PROVIDED FOR INFORMATION ONLY, IS BASED ON A 60 HERTZ ELECTRICAL SYSTEM AND IS INTENDED TO SHOW FOODSERVICE FIXTURES AND EQUIPMENT OUTLET TYPES, LOCATIONS, LOADS AND CONNECTION POSITIONS ONLY. FURNISH ANY ADDITIONAL OUTLETS AS REQUIRED BY LOCAL CODES OR REQUESTED BY OWNER. REFER TO ARCHITECTURAL OR ENGINEERING PLANS FOR ANY ADDITIONAL ELECTRICAL REQUIREMENTS.

REFER TO APPROVED SHOP DRAWINGS FOR SUPPLEMENTAL CONNECTIONS AND INSTALLATION REQUIREMENTS FOR THE

FOODSERVICE EQUIPMENT INDICATED ON THIS PLAN. 4. ELECTRICAL REQUIREMENTS FOR EXISTING AND OWNER OR PURVEYOR PROVIDED EQUIPMENT MUST BE VERIFIED WITH THE EQUIPMENT. THESE PLANS ARE MINIMUM GUIDELINES ONLY AND MUST BE VERIFIED. FURNISH SERVICES AND MAKE ALL FINAL CONNECTIONS AS REQUIRED. CONTACT EQUIPMENT PROVIDER FOR LOCATION OR SPECIFICATIONS FOR THIS EQUIPMENT.

5. EXPOSED ELECTRICAL SERVICES STUBBED UP OUT OF THE FLOOR MUST BE PROTECTED AND INSTALLED IN A MANNER WHICH WILL PREVENT DAMAGE FROM WATER OR HIT BY PORTABLE KITCHEN EQUIPMENT, HEAVILY LOADED CARTS OR FLOOR CLEANING EQUIPMENT.

PRIOR TO THE INSTALLATION OF THE FOODSERVICE EQUIPMENT, THE KITCHEN EQUIPMENT CONTRACTOR MUST CONFIRM THAT ELECTRICAL WIRING HAS BEEN PULLED THROUGH JUNCTION BOXES AND THAT THE LIGHTING FIXTURES ARE WORKING.

ELECTRICAL CONTRACTORS NOTES:

ELECTRICAL ENGINEER IS RESPONSIBLE FOR SPECIFYING THE FOLLOWING. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND FOR THE INSTALLING OF THE FOLLOWING, AND FOR MAKING ALL FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT SHOWN ON THIS PLAN UNLESS OTHERWISE NOTED.

1. ALL WIRING, WIRING CONDUITS, JUNCTION BOXES, ELECTRICAL OUTLETS, SWITCHES, COVER PLATES, PLUG MOULDING, ETC. AS SHOWN ON PLAN AND NOT PROVIDED BY OTHERS. RUN ALL OF THE ELECTRICAL SERVICE LINES IN WALLS OR CONCEALED WHEREVER POSSIBLE. ALL EXPOSED SERVICES, COMPONENTS AND CONNECTIONS TO BE VAPOR TIGHT.

2. ALL DISCONNECTS OR OTHER DEVICES AS REQUIRED BY LOCAL CODES. DO NOT LOCATE DISCONNECTS OR OTHER DEVICES (OTHER THAN JUNCTION BOX CONNECTIONS OR CORD AND PLUG RECEPTACLES) BEHIND COOKING EQUIPMENT OR BELOW EXHAUST HOOD ASSEMBLIES.

3. ALL SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR FIRE SUPPRESSION SYSTEM SHUT-OFF OF ALL ELECTRICAL BELOW AND IN EXHAUST HOODS AND VENTILATORS, INTERWIRED WITH FIRE SUPPRESSION SYSTEM, AS REQUIRED BY N.F.P.A. STANDARDS AND ANY LOCAL CODES AND REGULATIONS.

4. ALL RECEPTACLES, OUTLETS AND CORD AND PLUG ASSEMBLIES TO BE N.E.M.A. SIZED, U.L. APPROVED AND RATED FOR THE SERVICE INDICATED ON THESE PLANS. PROVIDE GFCI RECEPTACLES AS REQUIRED BY THE NEC AND LOCAL CODES. 5. AT ALL WALK-IN COOLER / FREEZER LOCATIONS SHOWN ON

THIS PLAN: a. ALL VAPOR PROOF LIGHT FIXTURES, AS PROVIDED BY

KITCHEN EQUIPMENT CONTRACTOR. b. ALL DISCONNECTS AND SWITCHES AT BLOWER COILS. c. ALL VAPOR PROOF DUPLEX CONVENIENCE OUTLETS AS INDICATED ON THIS PLAN.

d. ALL INTERCONNECTIONS FOR ELECTRICAL COMPONENTS IN THE WALK-IN COOLER / FREEZER COMPARTMENTS. e. ALL INTERCONNECTIONS FOR FREEZER EVAPORATORS AND COMPRESSORS, VERIFY EXACT WIRE SIZES WITH

MANUFACTURERS SPECIFICATIONS. 6. ALL WIRING AND CONDUITS INTO WALK—IN COOLER / FREEZER COMPARTMENTS FOR THE FOLLOWING:

a. EACH EVAPORATOR COIL

b. EACH VAPOR PROOF CEILING LIGHT

EACH PERSONNEL ALARM SWITCH AND LIGHT d. EACH DOOR HEATER AND ANY DRAIN HEATERS REQUIRED e. EACH HIGH TEMPERATURE WARNING ALARM SYSTEM ALL PENETRATIONS FOR THE REQUIRED SERVICES MUST BE MADE THROUGH THE CEILING INSULATION AND ARE REQUIRED TO BE

VAPOR TIGHT. ALL CONDUITS TO RUN ABOVE THE WALK-IN COMPARTMENTS. DO NOT INSTALL CONDUIT RUNS INSIDE OF WALK-IN COMPARTMENTS. 7. ALL COMPRESSOR LOADS SHOULD BE SIZED FOR APPROXIMATELY 3500 WATTS PER HORSE POWER, OR AS PER NATIONAL

ELECTRICAL CODE. VERIFY EXACT REQUIREMENTS WITH MANUFACTURERS NAME PLATE DATA.

8. ALL WIRING TO AND INTERWIRING BETWEEN THE FOLLOWING EXHAUST HOOD/VENTILATOR COMPONENTS: a. ELECTRICAL SERVICES TO WATER-WASH/UV CONTROL PANELS. EXACT REQUIREMENTS FOR THE NUMBER OF WIRES AND ELECTRICAL SERVICE MUST BE VERIFIED WITH THE APPROVED

SHOP DRAWINGS AND COMPLY WITH LOCAL CODES AND REGULATIONS. b. CONTROL WIRING FROM WATER-WASH/UV CONTROL PANEL TO EACH HOOD SECTION FOR DAMPERS, SOLENOIDS AND LIGHTS.

CONTROL WIRING FROM WATER-WASH/UV CONTROL PANEL TO EXHAUST AND SUPPLY FANS. THESE FANS SHOULD BE ELECTRICALLY INTERLOCKED.

d. FIRE SYSTEMS CONTROL INTERWIRING BETWEEN FIRE SUPPRESSION SYSTEMS, CONTROL PANELS AND REMOTE FIRE CONTROLS SHUT-OFFS. e. CONTROL WIRING FROM WATER-WASH/UV CONTROL PANEL TO

EACH REMOTE DETERGENT PUMPS. 9. SWITCHES/CONTROLS FOR EXHAUST HOODS/VENTILATORS, EXHAUST FANS, SUPPLY FANS, MAKE-UP FANS AND HVAC COMPONENTS AS SPECIFIED BY THE MECHANICAL ENGINEER.

10. ALL REQUIRED MATERIALS TO MAKE FINAL CONNECTIONS TO ALL FOODSERVICE EQUIPMENT SHOWN ON THIS PLAN.

11. AVOID LOCATING ELECTRICAL PANELS BEHIND FOODSERVICE EQUIPMENT. REFER TO EQUIPMENT PLANS FOR THE LOCATIONS OF EQUIPMENT THAT DOES NOT APPEAR ON THIS ELECTRICAL ROUGH-IN PLAN. 12. AN ISOLATED CIRCUIT WITH A CLEAN EARTH GROUND FOR ALL OWNER PROVIDED POINT OF SALE EQUIPMENT, CREDIT CARD

SCANNERS AND VALIDATION MACHINES. VERIFY ELECTRICAL REQUIREMENTS WITH OWNER AND EQUIPMENT. 13. INTERCONNECT WASTE PULPER CONTROL PANEL WITH PULPER, EXTRACTOR AND REMOTE STOP-START STATIONS, AS PER

MANUFACTURERS SPECIFICATIONS. 14. FOR FLOOR PENETRATION ROUGH-INS, UTILIZE A SINGLE CONDUIT STUB-UP FOR MULTIPLE CIRCUITS, WHEREVER POSSIBLE. 15. FLOOR RECEPTACLES SHOULD BE VAPOR—PROOF FLUSH TYPE,

UNLESS OTHERWISE NOTED. 16. THIS COUNTER OR TABLE WILL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR (KEC) COMPLETELY PRE-WIRED WITH A BUILT-IN CIRCUIT BREAKER MINI-PANEL, READY FOR A SINGLE CIRCUIT FINAL

CONNECTION BY THE ELECTRICAL CONTRACTOR. THE MINI-PANEL INCOMING SERVICE SIZE, VOLTAGE, AND PHASE ARE TO BE DETERMINED BY THE ELECTRICAL ENGINEER, FROM THE INDIVIDUAL LOADS NOTED ON THE SCHEDULE. THE KEC IS RESPONSIBLE FOR COORDINATING THE MINI-PANEL WITH THIS INCOMING

SERVICE INFORMATION. 17. THIS COUNTER OR TABLE WILL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR COMPLETELY PRE-WIRED TO A BUILT-IN ACCESSIBLE PULL-BOX, WITH PIGTAILS TAGGED WITH THE REQUIREMENTS AND IDENTIFICATION OF THE EQUIPMENT THEY SERVE; READY FOR FINAL CONNECTIONS BY THE ELECTRICAL CONTRACTOR. ELECTRICAL COMPONENTS PRE-WIRED TO THIS PULL-BOX ARE AS NOTED ON THE SCHEDULE. NO CIRCUIT BREAKERS WILL BE PROVIDED OR SPACE FOR THEM WITH THE COUNTER OR TABLE, BY THE KEC.

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