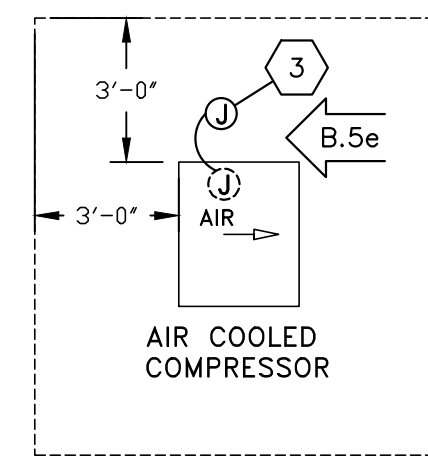


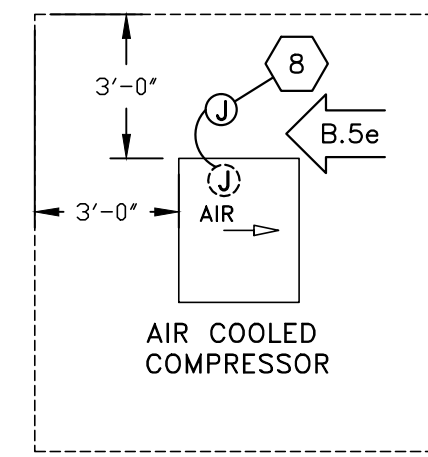
**MATCH LINE**

**1 FOOD SERVICE ELECTRICAL PLAN**

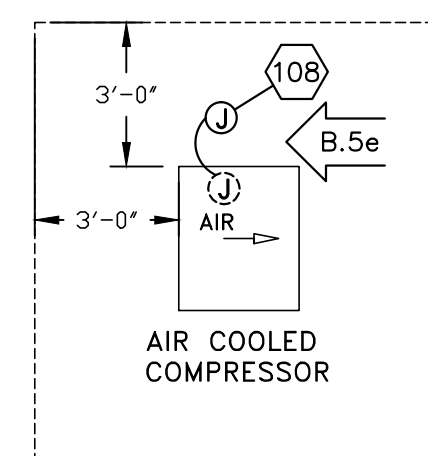
Scale: 1/4"=1'-0"



30"L x 36"W x 19"H 200lbs  
VERIFY EXACT LOCATION WITH ARCHITECT  
MAINTAIN 3'-0" CLEAR ON ALL SIDES



30"L x 36"W x 19"H 315lbs  
VERIFY EXACT LOCATION WITH ARCHITECT  
MAINTAIN 3'-0" CLEAR ON ALL SIDES

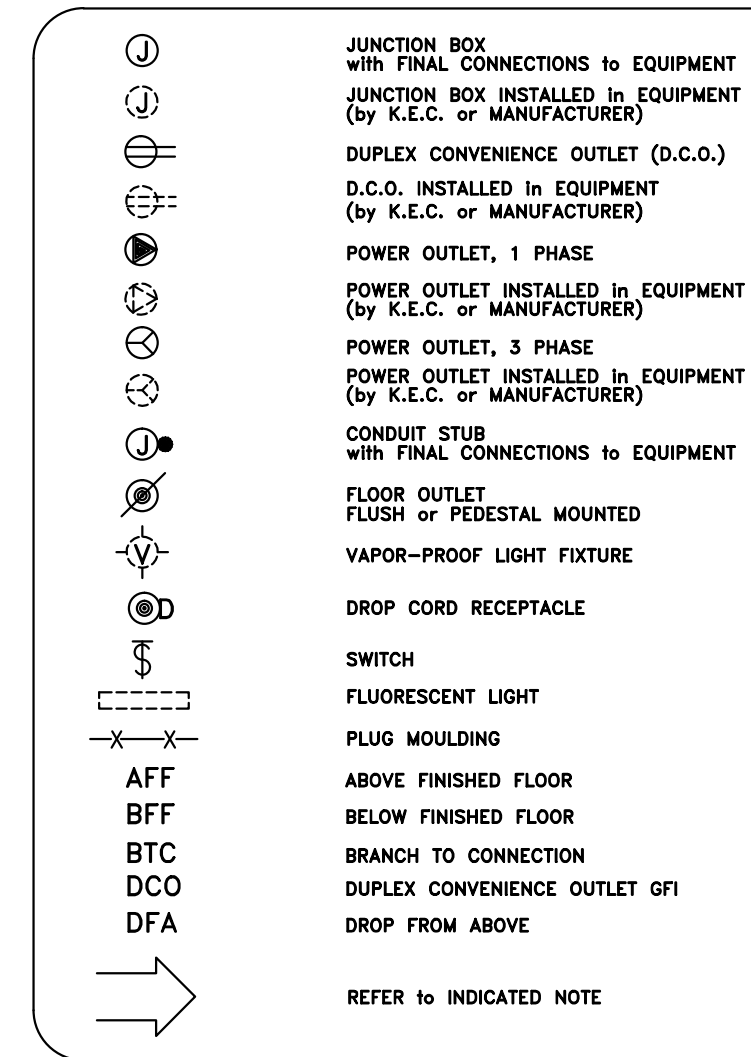


30"L x 36"W x 19"H 200lbs  
VERIFY EXACT LOCATION WITH ARCHITECT  
MAINTAIN 3'-0" CLEAR ON ALL SIDES

- RELATED ELECTRICAL REQUIREMENTS**  
PLEASE DISREGARD NOTES THAT DO NOT APPLY TO THIS PROJECT
- A. GENERAL NOTES:**
- 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.
  - THIS ELECTRICAL ROUGH-IN PLAN IS PROVIDED FOR INFORMATION ONLY. IT IS BASED ON A 480 HERTZ ELECTRICAL SYSTEM AND IS INTENDED TO SHOW FOODSERVICE FIXTURES AND EQUIPMENT ONLY. FURNISH SERVICE AND MAKE ALL FINAL CONNECTIONS AS REQUIRED BY LOCAL CODES OR AS NOTED 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.
  - ELECTRICAL REQUIREMENTS FOR EXISTING AND OWNER OR PURVEYOR PROVIDED EQUIPMENT MUST BE VERIFIED WITH THE EQUIPMENT. THESE PLANS ARE MECHANICAL GUIDELINES ONLY AND MUST BE VERIFIED. FURNISH SERVICE AND MAKE ALL FINAL CONNECTIONS AS REQUIRED. CONTACT EQUIPMENT PROVIDER FOR LOCATION OR SPECIFICATIONS FOR THIS EQUIPMENT.
  - EXPOSED ELECTRICAL SERVICES STUBBED UP OUT OF THE FLOOR MUST BE PROTECTED AND INSTALLED IN A MANNER WHICH WILL PREVENT DAMAGE FROM WATER OR IF HIT BY PORTABLE KITCHEN EQUIPMENT, HEAVILY LOADED CARTS OR FLOOR CLEANING.
  - 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.
- B. 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 VERIFYING ALL FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT SHOWN ON THIS PLAN UNLESS OTHERWISE NOTED.
- ALL WIRING, WIRING CONDUITS, JUNCTION BOXES, ELECTRICAL OUTLETS, SWITCHES, COVER PLATES, PLUG MOULDINGS, 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.
  - 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.
  - ALL SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR FIRE SUPPRESSION SYSTEM SHUT-OFF OF ALL ELECTRICAL BELOW FIRE IN EXHAUST HOODS AND VENTILATORS. INTERFERED WITH STANDARDS AND ANY LOCAL CODES AND REGULATIONS.
  - ALL RECEPTACLES, OUTLETS AND CORD AND PLUG ASSEMBLIES TO BE NEMA-L14, SIZE, UL APPROVED AND RATED FOR THE SERVICE INDICATED ON THESE PLANS. PROVIDE GFCI RECEPTACLES AS REQUIRED BY THE NEC AND LOCAL CODES.

- RELATED ELECTRICAL REQUIREMENTS**  
PLEASE DISREGARD NOTES THAT DO NOT APPLY TO THIS PROJECT
- B. ELECTRICAL CONTRACTORS NOTES - CONTINUED:**
- AT ALL WALK-IN COOLER / FREEZER LOCATIONS SHOWN ON THIS PLAN:
    - ALL VAPOR PROOF LIGHT FIXTURES, AS PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.
    - ALL DISCONNECTS AND SWITCHES AT BLOWER COILS.
    - ALL VAPOR PROOF DUPLEX CONVENIENCE OUTLETS AS INDICATED ON THIS PLAN.
    - ALL INTERCONNECTIONS FOR FREEZER COMPARTMENTS IN THE WALK-IN COOLER / FREEZER COMPARTMENTS.
    - ALL INTERCONNECTIONS FOR FREEZER EVAPORATORS AND COMPRESSORS. VERIFY EXACT WIRE SIZES WITH MANUFACTURERS SPECIFICATIONS.
  - ALL WIRING AND CONDUITS INTO WALK-IN COOLER / FREEZER COMPARTMENTS FOR THE FOLLOWING:
    - EACH EVAPORATOR COIL.
    - EACH VAPOR PROOF CEILING LIGHT.
    - EACH PERSONNEL ALARM SWITCH AND LIGHT.
    - EACH DOOR HEATER AND ANTIDRAIN HEATERS REQUIRED.
    - 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.
  - ALL WIRING TO AND INTERWIRING BETWEEN THE FOLLOWING:
    - EXHAUST HOOD/VENTILATOR COMPONENTS:
    - ELECTRICAL SERVICES TO WATER-WASH/UV CONTROL PANELS. EXACT REQUIREMENTS FOR THE NUMBER OF WIRES AND SLEEVING SERVICE MUST BE VERIFIED WITH THE APPROVED SHOP DRAWINGS AND COMPLY WITH LOCAL CODES AND REGULATIONS.
    - CONTROL WIRING FROM WATER-WASH/UV CONTROL PANEL TO EACH HOOD SECTION FOR DAMPERS, SOLENOID AND LIGHTS.
    - CONTROL WIRING FROM WATER-WASH/UV CONTROL PANEL TO EXHAUST AND SUPPLY FANS. THESE FANS SHOULD BE ELECTRICALLY INTERLOCKED.
    - FIRE SYSTEMS CONTROL INTERWIRING BETWEEN FIRE SUPPRESSION SYSTEMS, CONTROL PANELS AND REMOTE FIRE CONTROL SHUT-OFFS.
    - CONTROL WIRING FROM WATER-WASH/UV CONTROL PANEL TO EACH REMOTE EXTINGUISH PUMPS.
    - SWITCHES/CONTROLS FOR EXHAUST HOODS/VENTILATORS, EXHAUST FANS, EXHAUST HOODS AND VENTILATORS. INTERFERED WITH STANDARDS AND ANY LOCAL CODES AND REGULATIONS.
    - ALL REQUIRED MATERIALS TO MAKE FINAL CONNECTIONS TO ALL FOODSERVICE EQUIPMENT SHOWN ON THIS PLAN.
    - 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.

- RELATED ELECTRICAL REQUIREMENTS**  
PLEASE DISREGARD NOTES THAT DO NOT APPLY TO THIS PROJECT
- B. ELECTRICAL CONTRACTORS NOTES - CONTINUED:**
- 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.
  - INTERCONNECT WASTE PULPER CONTROL PANEL WITH PULPER, EXTRACTOR AND REMOTE STOP-START STATING, AS PER MANUFACTURERS SPECIFICATIONS.
  - FOR FLOOR PENETRATION HOODS-INS, UTILIZE A SINGLE CONDUIT STUB-UP FOR MULTIPLE CIRCUITS, WHEREVER POSSIBLE.
  - FLOOR RECEPTACLES SHOULD BE VAPOR-PROOF FLUSH TYPE, UNLESS OTHERWISE NOTED.
  - 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 INCLUDING SERVICE SIDE, POLARITY, AND PHASE ARE TO BE DETERMINED BY THE ELECTRICAL ENGINEER FROM THE HORIZONTAL LOADS NOTED ON THE SCHEDULE. THE KEC IS RESPONSIBLE FOR COORDINATING THE MINI-PANEL WITH THIS INCOMING SERVICE INFORMATION.
  - THIS COUNTER OR TABLE WILL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR (KEC) COMPLETELY PRE-WIRED TO A BUILT-IN ACCESSIBLE PULL-BOX, WITH PROTECTIVE 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 WITHIN THE COUNTER OR TABLE, BY THE KEC.
  - THIS COUNTER OR TABLE IS NOT PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR. ELECTRICAL CONTRACTOR IS TO COMPLETELY WIRE COUNTERS, E.C. TO PROVIDE ALL RECEPTACLES, JUNCTION BOXES, CONDUIT AND WIRE. ALL CONNECTIONS BY THE E.C. MUST MEET HEALTH DEPARTMENT AND UL GUIDELINES.
- C. ADDITIONAL NOTES**
- EXHAUST HOODS REQUIRE TWO (2) ELECTRICAL CONNECTIONS. ONE FOR HOOD LIGHTS AND ONE FOR EXHAUST FAN TEMPERATURE TIMER SENSOR. SEE HOOD DRAWINGS.
  - WALK-IN COOLERS & FREEZERS, E.C. TO PROVIDE CONDUIT FOR CONTROL WIRE FROM EVAPORATOR TO CONDENSER.
  - K.E.C. TO PROVIDE AND INSTALL 1" INDIRECT DRAIN LINE FROM WALK-IN EVAPORATOR COILS TO FLOOR DRAIN. DRAIN LINES TO BE INSULATED AND WRAPPED WITH HEAT TAPE IN FREEZER BY K.E.C.
  - E.C. TO INTERWIRE DISMACHINE EXHAUST FAN TO DISMACHINE.



DRAWN	
JAD	
CHECKED	
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DATE	
	03-16-2017
REVISIONS	
ISSUED FOR	DATE

Hilton Embassy Suites  
FOOD SERVICE ELECTRICAL PLAN

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