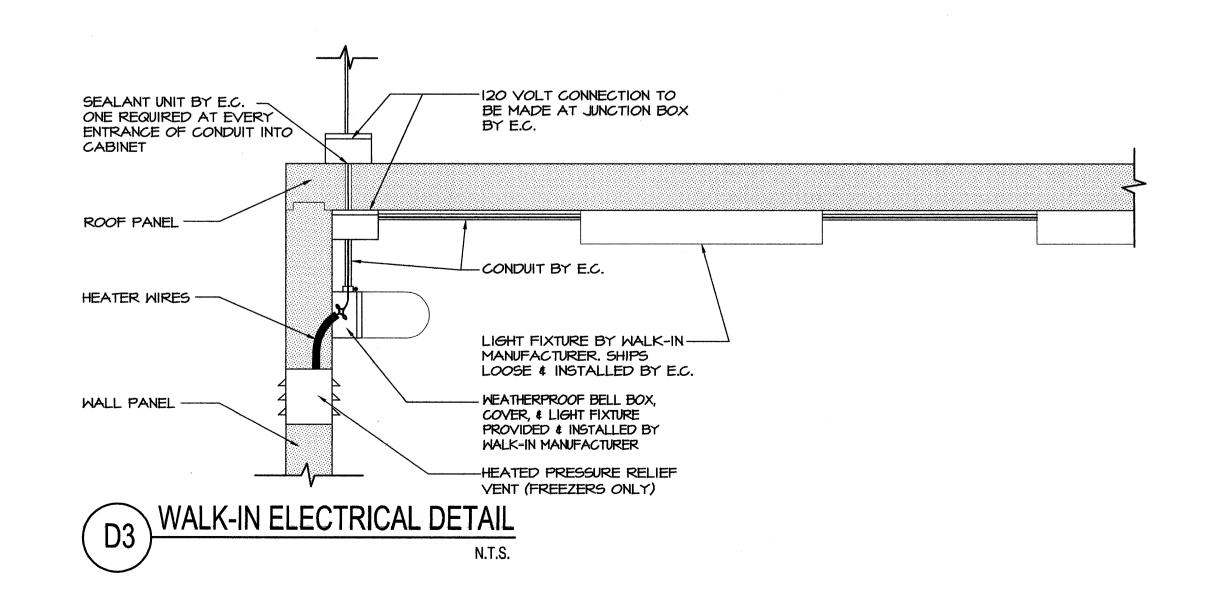


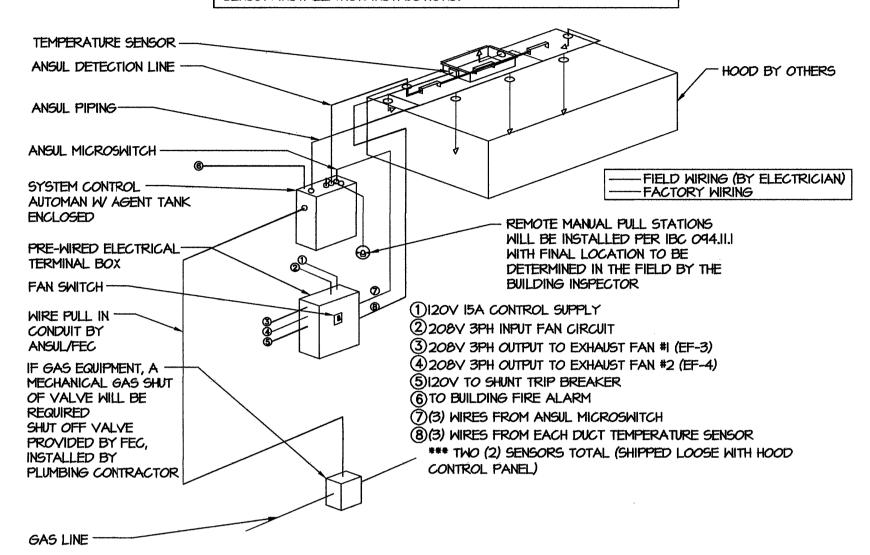
FOODSERVICE ELECTRICAL ROUGH-IN PLAN

1/4" = 1'-0"

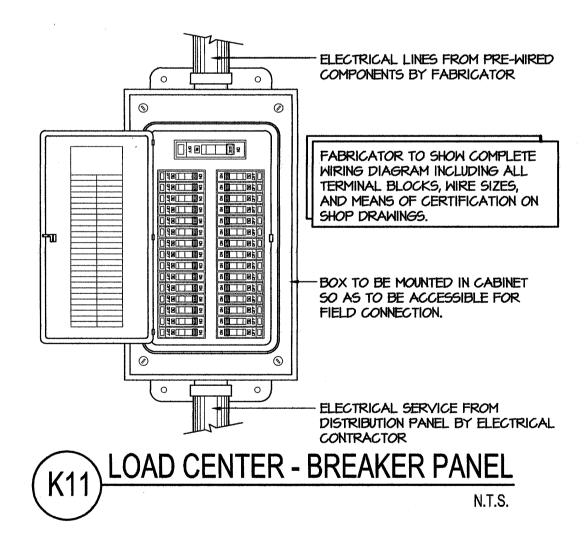


ROUGH-IN DIMENSIONS ARE PROVIDED FOR GUIDANCE ONLY. THE GENERAL CONTRACTOR AND SUBCONTRACTORS ARE TO VERIFY, COORDINATE, AND ADJUST FOR FIELD CONDITIONS. THE GENERAL CONTRACTOR AND SUBCONTRACTORS ARE TO VERIFY, COORDINATE, AND ADJUST THESE DIMENSIONS BASED UPON THE EQUIPMENT PROVIDED BY THE OWNER OR OTHER CONTRACTORS UNDER CONTRACT TO THE OWNER.

NOTE: DUCT TEMPERATURE SENSOR(S) PROVIDED BY KEC AND INSTALLED BY MECHANICAL CONTRACTOR. SEE SHOP DRAWINGS FOR SENSOR INSTALLATION INSTRUCTIONS.



J10 EXHAUST HOOD DETAIL TBD



ELECTRICAL LEGEND			
9	JUNCTION BOX	PB	PULL BOX
	FIELD CONN. BY ELEC. CONT.	JB	JUNCTION BOX
$\square$	FIELD CONNECTION	BP	BREAKER PANEL
Ф	DUPLEX RECEPTACLE	LC	LOAD CENTER
Ф	SINGLE RECEPTACLE	CO.	CONVENIENCE OUTLET
\$	SWITCH	E0	EQUIPMENT OUTLET
SR	SINGLE RECEPTACLE	lack	DATA & TELEPHONE OUTLET
DR	DUPLEX RECEPTACLE		PRE-WIRING IN COUNTER BY F.E.C
EC	ELECTRICAL CONNECTION		CONDUIT STUB-UP

## **ELECTRICAL ROUGH-IN NOTES**

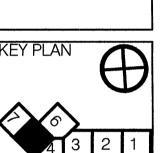
- I. THIS DRAWING IS ACCOMPANIED BY OTHER DRAWINGS, SPECIFICATIONS, AND BROCHURES. DRAWINGS, SPECIFICATIONS, AND BROCHURES ARE TO BE CONSIDERED IN WHOLE FOR PRICING, ROUGH-INS, INSTALLATION, AND CONNECTIONS. THE GENERAL CONTRACTOR AND CONNECTING TRADES SHALL REVIEW THESE DOCUMENTS FOR NOTATIONS AND COMMENTS THAT PERTAIN TO THE ELECTRICAL ASPECTS OF THE PROJECT.
- 2. GENERAL CONTRACTOR AND / OR CONNECTING TRADES ARE TO REFER TO MANUFACTURERS' BROCHURES, SPECIFICATIONS, SHOP DRAWINGS, AND ALL OTHER SUBMITTALS FOR ADDITIONAL DATA PRIOR TO STARTING ROUGH-INS. ALL RECEPTACLES, CORDS, CORD CAPS, CONDUITS, SWITCHES, AND WIRING ARE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL WORK TO BE DONE IN ACCORDANCE WITH NATIONAL AND LOCAL CODES.
- 3. GENERAL CONTRACTOR AND / OR CONNECTING TRADES SHALL BE RESPONSIBLE FOR REVIEWING ALL FOODSERVICE CONTRACT DOCUMENTS TO ENSURE THAT ALL REQUIRED ELECTRICAL SERVICES ARE PROVIDED SO AS TO COMPLETE THE PROJECT.
- 4. ELECTRICAL REQUIREMENTS FOR FIRE PROTECTION, GAS SOLENOID VALVES, AND / OR SHUNT TRIP BREAKERS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND / OR CONNECTING TRADES.
- 5. ELECTRICAL MIRING AND SUPPLY LINES SHOWN IN THESE DRAWINGS, UNLESS SPECIFIED OTHERWISE IN THE DETAILS, ARE SCHEMATIC IN NATURE. THE FOODSERVICE EQUIPMENT CONTRACTOR SHALL PROVIDE ADEQUATE ACCESS AND CHASES IN THEIR EQUIPMENT & FIXTURES SO THAT ELECTRICAL CONNECTIONS CAN BE MADE IN A CONCEALED, NEAT, AND ORDERLY FASHION.
- 6. FABRICATED EQUIPMENT CONTAINING A BREAKER PANEL OR LOAD CENTER OR EQUIPMENT INDICATED SO SHALL BE PRE-WIRED BY FABRICATOR READY FOR FIELD CONNECTION TO ONE POINT BY THE EQUIPMENT CONTRACTOR AND / OR CONNECTING TRADES.
- 7. ALL ELECTRICAL WORK WITHIN COUNTERS SHALL BE COORDINATED WITH DETAIL SHOP DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
- 8. GENERAL CONTRACTOR AND / OR CONNECTING TRADES ARE TO PROVIDE SERVICE AND FULLY CONNECT EQUIPMENT ITEMS. UNLESS SPECIFIED OTHERWISE, THEY ARE TO FURNISH AND INSTALL ALL MATERIAL, JUNCTION BOXES, DISCONNECTS, SWITCHES, STARTERS, BREAKER PANELS, LAMPS, ETC. ALSO, THEY ARE TO PROVIDE PIPING BETWEEN STUB-OUT AND EQUIPMENT LOCATION TO MAKE EQUIPMENT FULLY OPERATIONAL. ALL DEVICES ARE TO MEET NATIONAL AND LOCAL CODES.
- 9. ALL RECEPTACLES SHALL BE GROUNDED PER N.E.C. AND O.S.H.A.
- 10. PIPING SHALL BE CONCEALED IN WALLS WHEREVER POSSIBLE.
  STUB-OUT DIMENSIONS ARE FROM THE FINISHED WALLS TO CENTER OF
  STUB-OUTS OR FROM CENTER OF STUB-OUT TO CENTER OF STUB-OUT.
- II. STUB-OUT LOCATIONS AND CONNECTION REQUIREMENTS ARE RELATIVE ONLY TO ITEMIZED FOODSERVICE EQUIPMENT AND FIXTURES. ELECTRICAL PLAN IS INTENDED TO SHOW ROUGH-IN LOCATIONS, CONNECTION POSITIONS, AND LOAD REQUIREMENTS FOR FINAL ROUGH-IN OF EQUIPMENT INCLUDED IN THE FOODSERVICE EQUIPMENT CONTRACTOR'S SCOPE OF WORK. ADDITIONAL ELECTRICAL SERVICE MAY BE REQUIRED.
- 12. STUB-OUT HEIGHTS ARE TO BE MEASURED FROM THE FINISHED FLOOR, NOT FROM CURBS OR PADS, TO THE CENTERLINE OF THE STUB-OUT. STUB-OUTS SHALL EXTEND 4" BEYOND WALLS.
- 13. HEIGHT DIMENSIONS FOR WALL MOUNTED ELECTRICAL OUTLETS ARE TO BE TO THE CENTER OF THE FACE PLATE.
- 14. GENERAL CONTRACTOR IS TO FURNISH AND INSTALL WALL AND FLOOR SLEEVES. FLOOR SLEEVES SHALL BE WATER TIGHT AND I" ABOVE FINISHED FLOOR. SLEEVES THROUGH PADS AND CURBS ARE TO BE FLUSH. SEAL SLEEVE OPENINGS WATER TIGHT.
- 15. WIRING FROM REFRIGERATION COILS IS PROVIDED UNDER THE REFRIGERATION SCOPE SEE SPECIAL CONDITIONS PLAN.
- 16. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND RE-INSTALLING, REPAIRING, OR REPLACING EXISTING ACOUSTICAL, GYPSUM, OR OTHER CEILINGS, WALLS, OR FLOORS AS REQUIRED FOR THE PERFORMANCE OF WORK.
- 17. EXISTING CONDUIT AND WIRING MAY NEED MODIFICATION TO CLEAR NEW UTILITIES. THE GENERAL CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO THE START OF WORK.
- 18. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, PERMITS, AND LICENSES FOR THE COMPLETE INSTALLATION OF HIS WORK.
- 19. GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL LOCAL AND NATIONAL CODES.
- 20. ALL FINAL CONNECTIONS SHOWN ON THIS DRAWING ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THEIR APPROXIMATE LOCATION.
- 21. F.E.C. TO PROVIDE ALL WIRING FROM CONDENSERS TO EVAPORATOR COILS, HEAT TAPE ON COIL DRAINS IN LOW TEMPERATURE COMPARTMENTS AND CONNECT HEAT TAPE. ELECTRICAL CONTRACTOR TO PROVIDE FINAL POWER CONNECTIONS TO CONDENSERS AND EVAPORATOR COILS AS REQUIRED.
- 22. PROVISIONS FOR DATA OR VOICE LINES SHALL BE DETERMINED BY THE OWNER.
- 23. ELECTRICAL CONTRACTOR TO PROVIDE ALL REQUIRED FIELD CONNECTIONS AND WIRING AT ALL WALK-IN COOLERS AND FREEZERS FOR LIGHTS, TEMPERATURE ALARMS, DOOR HEATERS, AND PRESSURE RELIEF VENT.
- 24. ELECTRICAL CONTRACTOR SHALL USE ALL ELECTRICAL STUB-UPS AS REFERENCE ONLY. EXACT QUANTITY, SIZE, AND LOCATION OF CONDUIT IN WHICH TO PULL WIRING THROUGH SHALL BE ENGINEERED BY GENERAL CONTRACTOR.
- 25. ELECTRICAL CONTRACTOR IS TO PROVIDE AND INSTALL BEVERAGE LINE CONDUIT. SEE SPECIAL CONDITIONS SHEET FOR NOTES AND DETAILS ON CONDUITS.

ENG. REVIEW 05-23-11





Burger King
Portland Int'l Jetport PWM
1001 Westbrook Street
Portland ME 04102



HMS Host
6905 Rockledge Drive
Bethesda, MD 20817
T: (240) 694-4746
F: (240) 694-4643
C: (240) 274-6417
E: scott.reimink@hmshost.com

Building Engineering Resources, Inc. 66 Main Street North Easton, MA 02356 T: (508) 230-0260 F: (508) 230-0265

E: ber@ber-engineering.com

L2M Foodservice
Design Group
811 Cromwell Park Drive, Suite 11
Cromwell Business Park at BWI
Glen Burnie, Maryland 21061
T: (410) 863-1302
F: (410) 863-1308

E: FSDG@L2MFoodServiceDesign.com

OXD A RCHITE High Cliff, Plymouth MA 02360 (508) 746-4646 : (508) 746-1236 All:info@lloydarch.com

Job No.:

Scale: As noted

Issued:

 $\mathbb{Z} \times \mathbb{L}$ 

Foodservice Electrical Rough-In Plan

FS 3.1