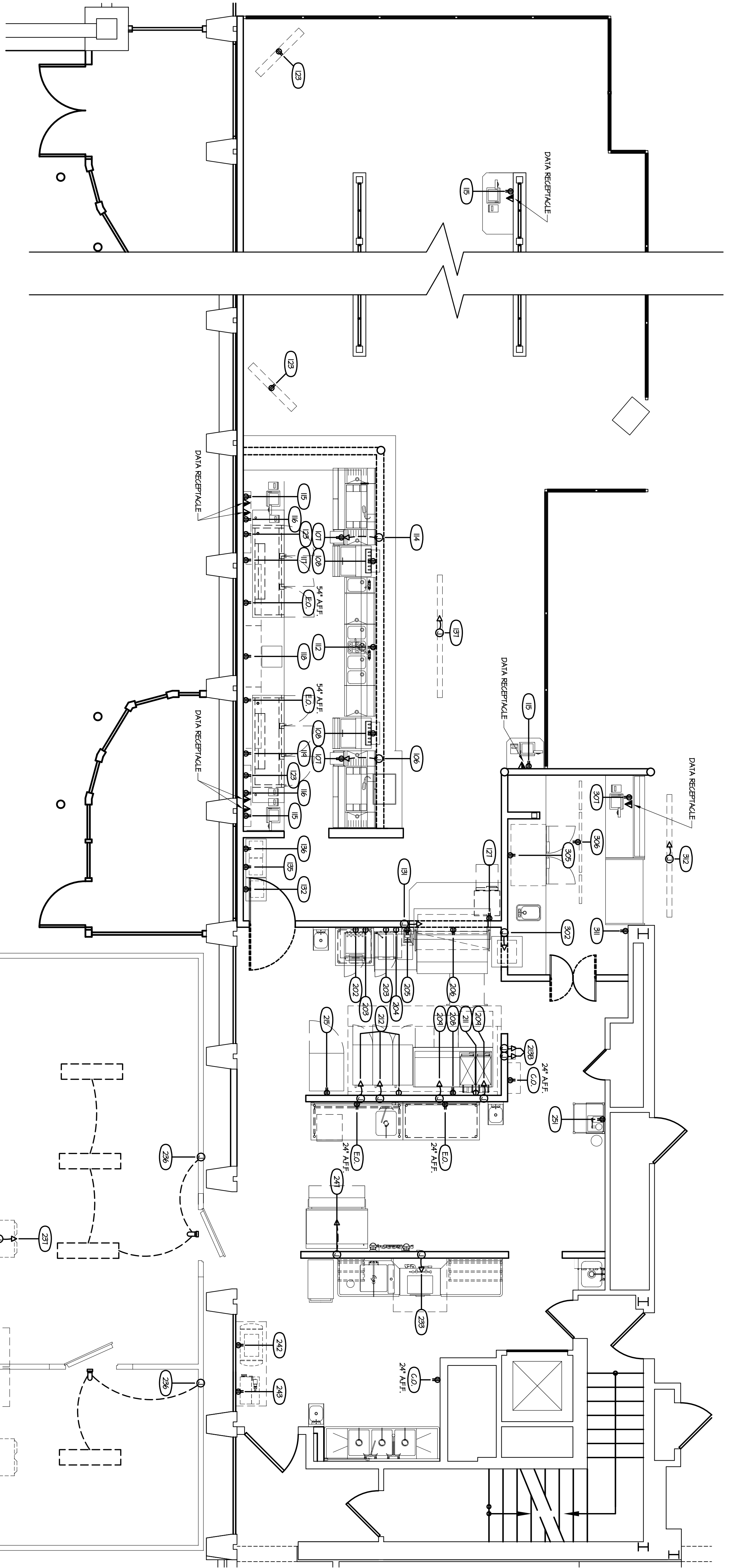


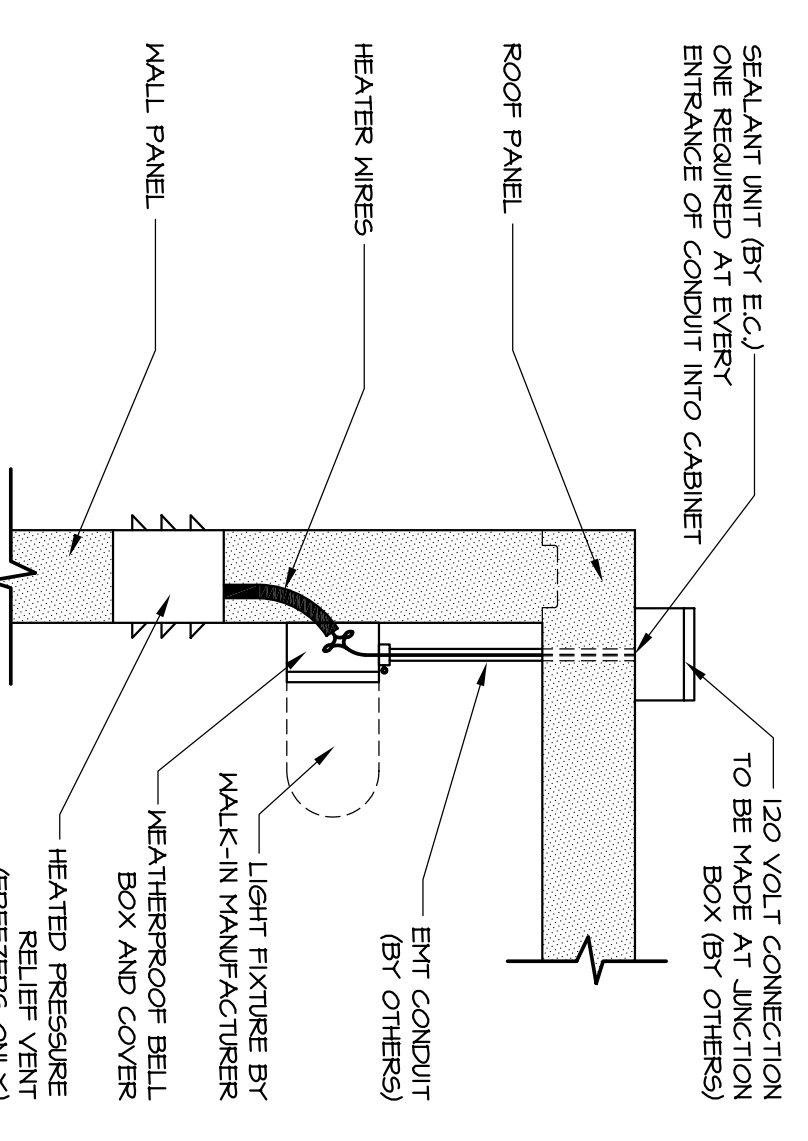
ELECTRICAL ROUGH-IN NOTES

- THIS DRAWING IS ACCOMPANIED BY OTHER DRAWINGS, SPECIFICATIONS, AND BROCHURES. DRAWINGS, SPECIFICATIONS, AND BROCHURES ARE TO BE CONSIDERED IN WHOLE FOR PRICING, ROUGH-IN, INSTALLATION, AND CONNECTIONS. THE GENERAL CONTRACTOR AND CONNECTION TRADES SHALL REVIEW THESE DOCUMENTS FOR NOTATIONS & COMMENTS THAT PERTAIN TO THE ELECTRICAL ASPECT OF THE PROJECT.
- GENERAL CONTRACTOR AND / OR CONNECTION TRADES TO REFER TO MANUFACTURERS' BROCHURES, SPECIFICATIONS SHOP DRAWINGS AND ALL OTHER SUBMITTALS FOR ADDITIONAL DATA PRIOR TO STARTING WORK. ALL RECEPTACLES, CIRCS, COORD CABS, CONDUITS, WATERS AND MIRRING OTHERS SHALL BE PROVIDED BY THE ELEC. CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL WORKS TO BE DONE IN ACCORDANCE NATIONAL AND LOCAL CODES.
- GENERAL CONTRACTOR AND / OR CONNECTION TRADES SHALL BE RESPONSIBLE FOR REVIEWING ALL FOOD SERVICE CONTRACT REQUIREMENTS TO ENSURE THAT ALL REQUIRED ELECTRICAL SERVICES ARE PROVIDED SO AS TO COMPLETE THE PROJECT.
- ELECTRICAL REQUIREMENT FOR FIRE PROTECTION GAS SOLENOID VALVE AND / OR SHUNT TRIP BREAKERS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND / OR CONNECTION TRADES.
- ELECTRICAL MIRING AND SUPPLY LINES SHOWN IN THESE DRAWINGS, UNLESS SPECIFIED OTHERWISE IN THE DETAILS, ARE SCHEMATIC IN NATURE AND WILL NORMALLY BE INSTALLED BY THE GENERAL CONTRACTOR AND / OR CONNECTION TRADES. THE FOOD SERVICE EQUIPMENT CONTRACTOR, HOWEVER, SHALL PROVIDE ADEQUATE ACCESS AND CHASES SO THAT ELECTRICAL CONNECTIONS CAN BE MADE IN A CONCEALED MANNER.
- FABRICATED EQUIPMENT CONTAINING A BREAKER PANEL, OR LOAD CENTER OR EQUIPMENT INDICATED SO SHALL BE PRE-INSTALLED BY THE GENERAL CONTRACTOR AND / OR CONNECTION TRADES.
- GENERAL CONTRACTOR AND / OR CONNECTION TRADES TO PROVIDE SERVICE AND TULLY CONNECT EQUIPMENT ITEMS, UNLESS SPECIFIED OTHERWISE IN THE DETAILS, FINISH AND INSTALL ALL MATERIAL, JUNCTION BOXES, DISCONNECTS, SWITCHES, STARTERS, BREAKER PANELS, LAMPS, ETC., AND PIPING BETWEEN EQUIPMENT LOCATION AND STUBOUT TO MAKE EQUIPMENT FULLY OPERATIONAL. ALL DEVICES TO MEET NEC, AND OSHA, REQUIREMENTS.
- ALL RECEPTACLES SHALL BE GROUNDED PER NEC, AND OSHA.
- 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 STUBOUT TO CENTER OF STUBOUT.
- STUBOUT LOCATIONS AND CONNECTION REQUIREMENTS ARE RELATIVE ONLY TO ITEMIZED FOOD SERVICE EQUIPMENT AND FIXTURES. ELECTRICAL PLAN IS INTENDED TO SHOW ROUGH-IN LOCATIONS, CONNECTION POSITIONS, AND LOAD REQUIREMENTS FOR FINAL ROUGH-IN CONTRACTOR SCOPE OF WORK. ADDITIONAL ELECTRICAL SERVICE MAY BE REQUIRED.
- STUBOUT 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.
- GENERAL CONTRACTOR TO FINISH AND INSTALL WALL AND FLOOR SLEEVES, FLOOR SLEEVES SHALL BE WATER TIGHT AND IF ABOVE FINISHED FLOOR, SLEEVES THROUGH PADS AND CURBS TO BE FLUSH SEAL. SLEEVE OPENINGS WATER TIGHT.
- MINING FROM REFRIGERATION COILS IS PROVIDED UNDER THE REFRIGERATION SCOPE - SEE CONDITIONS PLANS.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REINSTALLING, REPAIRING, OR REPLACING EXISTING ACROUSTICAL, GYPSUM, OR OTHER CEILING, WALLS OR FLOORS AS REQUIRED FOR THE PERFORMANCE OF WORK.
- EXISTING CONDUIT AND MIRING MAY NEED MODIFICATION TO CLEAR NEW UTILITIES. THE GENERAL CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO THE START OF WORK.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, PERMITS, AND LICENSES FOR THE COMPLETE INSTALLATION OF HIS WORK.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL LOCAL AND NATIONAL CODES.
- ALL FINAL CONNECTIONS SHOWN ON THIS DRAWING ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THEIR APPROXIMATE LOCATION.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL SWITCHES, STARTERS, DISCONNECTS, BREAKERS, AND ALL OTHER DEVICES SPECIFIED OTHERWISE. ALL DISCONNECTS OR LOAD CENTER DEVICES, STARTERS, ETC., TO MEET NEC, AND OSHA, STANDARDS.
- FEIC TO PROVIDE ALL MIRING FROM CONDENSERS TO EVAPORATOR COILS, HEAT TAPE ON COIL DRAIN LINES IN LOW TEMPERATURE COMPARTMENTS AND CONNECT HEAT TAPE ELECTRICAL CONTRACTOR TO PROVIDE FINAL CONNECTIONS TO CONDENSERS AND EVAPORATOR COILS AS REQUIRED.
- ELECTRICAL REQUIREMENT FOR FIRE PROTECTION GAS SOLENOID AND/OR SHUNT TRIP BREAKERS TO BE MIMED THRU LIFE SAFETY SYSTEM BY ELECTRICAL CONTRACTOR.
- HEIGHT DIMENSIONS FOR WALL MOUNTED ELECTRICAL OUTLETS ARE TO BE TO THE CENTER OF THE FACE PLATE.
- PROVISIONS FOR DATA OR VOICE LINES SHALL BE DETERMINED BY THE OWNER.
- ELECTRICAL CONTRACTOR TO PROVIDE ALL REQUIRED FIELD CONNECTIONS AND MIRING @ ALL WALK-IN COOLERS, FREEZERS, REFRIGERATORS, TEMPERATURE/ALARMS, DOOR HEATERS, AND FRV.
- ELECTRICAL CONTRACTOR SHALL USE ALL ELECTRICAL STUB-UPS AS REFERENCE ONLY. EXACT QUANTITY, SIZE AND LOCATION OF CONDUIT IN WHICH TO PULL MIRING THROUGH SHALL BE ENGINEERED BY EC.
- ALL ELECTRICAL WORK WITHIN COUNTERS SHALL BE COORDINATED WITH DETAIL SHOP DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL BEVERAGE LINE CONDUIT. SEE FS-41 FOR NOTES AND DETAILS ON CONDUIT



1 ELECTRICAL ROUGH-IN PLAN

1/4" = 1'-0"



2 WALK-IN ELECTRICAL DETAIL

N.T.S.

ELECTRICAL LEGEND

⊕	JUNCTION BOX	PB	PULL BOX
⊕	FIELD CONN. BY ELEC. CONT.	JB	JUNCTION BOX
⊕	FIELD CONNECTION	BP	BREAKER PANEL
⊕	DUPLEX RECEPTACLE	LC	LOAD CENTER
⊕	SINGLE RECEPTACLE	CO	CONVENIENCE OUTLET
⊕	SWITCH	EO	EQUIPMENT OUTLET
⊕	SINGLE RECEPTACLE	▲	DATA & TELEPHONE OUTLET
DR	DUPLEX RECEPTACLE	⤴	PRE-WIRING IN COUNTER BY FE/C
EC	ELECTRICAL CONNECTION		

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<p>Job No.: 07317 Scale: As noted Issued: 12-11-07</p>	<p>ELECTRICAL ROUGH-IN PLAN</p>	<p>FS-3.1</p>	<p>Shipyards University, Portland, ME</p>										