

ELECTRICAL CONNECTIONS SCHEDULE											
NUMBER	CONNECTION	SERVICE TO	ITEM NO.	HP	KW	AMPS	VOLT	PHASE	LOCATION	A.F.F.	REMARKS
E1	SINGLE	REFRIGERATOR/FREEZER	T1,F11	1/5-1/3	-	14.0	120	1	WALL	86"	-
E2	JUNCT. BOX	ICE/WATER DISPENSER	T3,F13	-	-	12.0	120	1	WALL	50"	E.C. TO BRANCH TO CONNECTION AS REQUIRED
E3	DUPLEX	HOT TEA BREWER	T4,F8	-	-	15.0	120	1	WALL	50"	K.E.C. TO VERIFY LOAD W/VENDOR/E.C.
E4	SINGLE	COFFEE BREWER	T6,F6	-	-	30.0	120/208	1	WALL	50"	K.E.C. TO VERIFY LOAD W/VENDOR/E.C.
E5	DUPLEX	CONVENIENCE OUTLET	-	-	-	16.0	120	1	WALL	50"	-
E6	SINGLE	MICROWAVE OVEN	T7,F5	-	1.2	17.7	120	1	WALL	18"	-
E7	DUPLEX	SODA DISPENSER	T17,F17	-	-	10.0	120	1	WALL	50"	K.E.C. TO VERIFY LOAD W/VENDOR/E.C.
E8	SINGLE	AMBIENT CARBONATOR	T18,F18	-	-	7.0	120	1	WALL	18"	K.E.C. TO VERIFY LOAD W/VENDOR/E.C.
E9	COMMUNICATIONS DATA PORT	-	-	-	-	-	-	-	WALL	18"	E.C. TO COORDINATE W/OWNER/OPERATOR
E10	DUPLEX	CONVENIENCE OUTLET	-	-	-	16.0	120	1	WALL	18"	DEDICATED CIRCUIT
E11	E.C. TO PROVIDE EMPTY CONDUIT W/JUNCT. BOX FOR OWNER SUPPLIED POS/COMPUTER SYSTEM. VERIFY REQ'TS & LOCATION W/OWNER.	-	-	-	-	-	-	-	WALL	18"	-

ELECTRICAL SYMBOLS	
SINGLE RECEPTACLE, NEMA 5-20R	SR
DUPLEX RECEPTACLE, NEMA 5-20R	DR
SINGLE RECEPTACLE, 208 OR 480	SR
FLOOR RECEPTACLE	FR
JUNCTION BOX	JB
DROP CORD OR CONDUIT	DC
CONDUIT STUB	C
SWITCH	S
INCANDESCENT LIGHT	
FLUORESCENT LIGHT	
EQUIPMENT TERMINAL PANEL	
BUILDING POWER PANEL	
POINT OF CONNECTION ON EQUIPMENT	
COMMUNICATIONS OUTLET	
VAPOR-PROOF LIGHTS	
PULL BOX-FIRE SUPPRESSION	

### ELECTRICAL NOTES

ELECTRICAL SYSTEM IS DESIGNED FOR 120/208 VOLT, 3 PHASE, 60 HERTZ SYSTEM.

ALL DIMENSIONS SHOWN ARE FROM FINISHED WALLS, FLOORS, CEILINGS AND/OR FROM CENTERLINE OF STRUCTURAL COLUMNS. DIMENSIONS ARE TO BE VERIFIED BY THE KITCHEN EQUIPMENT CONTRACTOR AND ALL TRADES UTILIZING THESE PLANS.

ANY "HOLD" DIMENSIONS ARE CLEAR "FINISH-TO-FINISH" UNLESS OTHERWISE NOTED.

UTILITIES SHOWN ARE FOR ITEMS FOR FOOD SERVICE EQUIPMENT ONLY AND ARE THE MINIMUM REQUIRED TO OPERATE EQUIPMENT. LOCATIONS OF ANY ADDITIONAL ELECTRICAL UTILITIES (CONVENIENCE RECEPTACLES, TELEPHONE JACKS, INTERCOM JACKS, ETC.) WHICH MAY BE REQUIRED SHALL BE DETERMINED BY THE ARCHITECT/ENGINEER.

ELECTRICAL PLAN SHOWS OUTLETS AND CONNECTION WITH CAPACITIES FOR ACTUAL ROUGH-IN LOCATIONS. REFER TO DIMENSIONED DRAWINGS PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.

FINAL ELECTRICAL CONNECTIONS INCLUDING WIRING FROM POINT-OF CONNECTION ON EQUIPMENT TO BUILDING ELECTRICAL SYSTEM AND INTERCONNECTIONS BETWEEN EQUIPMENT COMPONENTS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.

ALL ELECTRICAL MATERIALS, INCLUDING WIRE, CONDUIT, OVERLOAD PROTECTION, MAIN SWITCHES, SAFETY CUT-OUTS, FUSE BOXES, SHUNT-STRIP BREAKERS, DISCONNECT SWITCHES AND CONTROLS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.

UTILITIES SHALL BE CONCEALED IN WALLS AND STUBBED-OUT OF WALLS. WIRING STUBBED OUT OF FLOOR AND RUN EXPOSED ON THE FACE OF THE WALL SHALL NOT BE ACCEPTABLE.

ELECTRICAL COMPONENTS, INCLUDING MAIN SWITCHES, FUSE BOXES, TERMINAL PANELS, DISCONNECT SWITCHES CONDUIT AND CONNECTIONS SHALL NOT INTERFERE IN ANY WAY WITH THE OPERATION OF ITEMS OF FOODSERVICE EQUIPMENT.

AMPERAGES INDICATED ARE TOTAL FOR EACH UNIT AND NOT IN ADDITION TO ANY HP AND/OR KW RATINGS SHOWN.

WHERE CALLED FOR, KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH CORDS AND PLUGS FOR INSTALLATION BY ELECTRICAL CONTRACTOR. NEMA NUMBERS SHOWN INDICATE THE CAP CONTRIBUTION TO BE PROVIDED FOR THE EQUIPMENT. ANY DIRECT CONNECTIONS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.

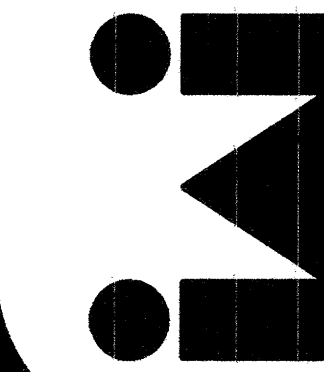
ALL LIGHT FIXTURES IN FOOD STORAGE, PREPARATION, SERVICE OR DISPLAY FACILITIES, AS WELL AS UTENSIL CLEANING AND STORAGE AREAS SHALL HAVE SHIELDING OVER BULBS.

ELECTRICAL RECEPTACLES SHALL BE INSTALLED WITH THEIR LONG DIMENSION RUN HORIZONTALLY.

NOTE:  
THIS DRAWING INDICATES THE GENERAL EXTENT OF THE WORK AND IS NOT INTENDED TO INDICATE OR DESCRIBE ANY AND ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

**FINAL - ISSUED FOR CONSTRUCTION**

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**MERCY HEALTH SYSTEM OF MAINE  
 PORTLAND, MAINE**

Revisions:  
 Job Number: 04166  
 Date: 03-19-2007  
 Drawn By: STAFF  
 Checked By: STAFF  
 SCALE: 1/4" = 1'-0"

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**ELECTRICAL PLAN & SCHEDULE**

Sheet  
**FS-2.3**