NYKOS ASSOCIATES, INC.
Foodservice Facilities Design/Consulting
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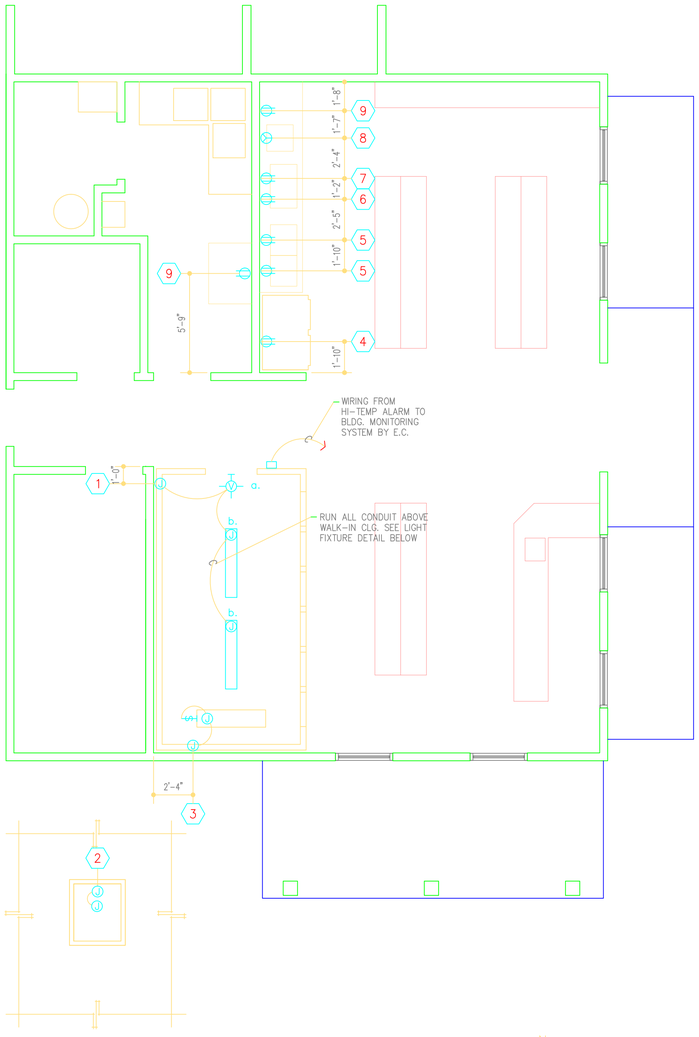


KITCHEN FLOOR PLAN
SCALE: 1/4"=1'-0"

ELECTRICAL SCHEDULE

NO.	HP.	KW	AMP.	VOLT	PH.	R. I. HGT. A.F.F.	DESCRIPTION	NO.	E.C. TO PROVIDE: CORD & PLUG	RECP.	DISC.	J.B.
1						114"	BRANCH TO:					●
a.		.150		120	1		DOOR LIGHT, HEATER, ALARM	2				
b.		.100		120	1		LIGHT FIXTURE	2				
✳ 2			13.5	208	3	72"	COOLER COMPRESSOR RACK	3				●
3			4.0	120	1	114"	COOLER BLOWER COIL	3				●
4			11.5	120	1	88"	REACH-IN FREEZER RECEP.	6		●		
5			17.0	120	1	50"	MICROWAVE OVEN RECEP.	7		●		
6			8.3	120	1	50"	HOT DOG GRILLE RECEP.	8		●		
7			3.3	120	1	50"	BUN WARMER RECEP.	8		●		
8			28.8	120/208	1	50"	COFFEE BREWER RECEP.	9		●		
9		1.0		120	1	50"	DUPLEX CONVENIENCE RECEP.			●		

✳ SEE SHEET ??? FOR EXACT LOCATION. ITEM FURNISHED W/MAIN-FUSED DISCONNECT SWITCH.

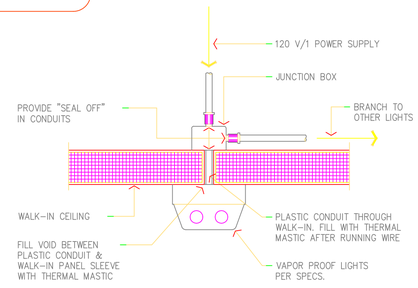
ELECTRICAL SYMBOLS

- J — JUNCTION BOX W/FINAL CONN. TO EQUIPMENT
- J — JUNCTION BOX (INSTALLED IN EQUIPMENT BY K.E.C. OR MFR.)
- DUPLEX CONVENIENCE OUTLET
- DUPLEX CONVENIENCE OUTLET (INSTALLED IN EQUIP. BY K.E.C. OR MFR.)
- FLOOR OUTLET, FLUSH OR PEDESTAL
- C — CLOCK OUTLET
- PULL BOX (INSTALLED IN EQUIP.)
- PLUG MOLDING
- POWER OUTLET, 1 PHASE
- POWER OUTLET, 1 PHASE (INSTALLED IN EQUIP. BY K.E.C. OR MFR.)
- POWER OUTLET, 3 PHASE
- POWER OUTLET, 3 PHASE (INSTALLED IN EQUIP. BY K.E.C. OR MFR.)
- CONDUIT STUB W/FINAL CONN. TO EQUIPMENT
- SWITCH
- SWITCH (INSTALLED IN EQUIP. BY K.E.C. OR MFR.)
- P — OCTAGON J-BOX, FIRE PULL
- VAPOR PROOF LIGHT FIXTURE
- V — FLUORESCENT LIGHT FIXTURE
- T — TELEPHONE OUTLET

D.F.A. DOWN FROM ABOVE

ELECTRICAL NOTES:

1. ELECTRICAL SYSTEM IS DESIGNED FOR 120 VOLT, 1-PH; 480 VOLT, 3-PH, 4-WIRE, 60 HERTZ.
2. ALL OUTLETS AND CONNECTIONS SHOWN RELATE TO FOODSERVICE FIXTURES AND EQUIPMENT ONLY. SEE ARCHITECTURAL/ENGINEERING PLANS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
3. THIS ELECTRICAL PLAN IS INTENDED TO SHOW ROUGH-IN OUTLET TYPES, HEIGHTS AND LOCATIONS, AND CONNECTION POSITIONS AND LOAD REQUIREMENTS. ALL DIMENSIONS SHOWN ARE FROM FINISHED WALLS AND FINISHED FLOORS. VERIFY FINISH WALL PARTITION LOCATIONS WITH ARCHITECTURAL DRAWINGS.
4. ALL ELECTRICAL WORK FOR FABRICATED FOODSERVICE EQUIPMENT SHALL BE COMPLETELY WIRED BY THE FABRICATION CONTRACTOR TO A COMMON JUNCTION BOX, PULL BOX, OR CONTROL PANEL ON THE EQUIPMENT IN AN ACCESSIBLE POSITION. FINAL CONNECTIONS TO EQUIPMENT JUNCTION BOX OR PULL BOX, AND ALL ELECTRICAL WORK FROM MAIN PANEL BOARDS SHALL BE BY THE ELECTRICAL CONTRACTOR.
5. FINAL CONNECTIONS TO ALL FOODSERVICE EQUIPMENT SHALL BE PERFORMED BY THE ELECTRICAL CONTRACTOR, INCLUDING MATERIALS.
6. PIPING, CONDUIT, AND SIMILAR CONSTRUCTION, LOCATED OUTSIDE A WALL, MUST BE INSTALLED SO THAT THERE IS A MINIMUM OF 3/4 INCH SPACE BETWEEN IT AND THE WALL.
7. ELECTRICAL CONTRACTOR (E.C.), OR EQUIVALENT, SHALL FURNISH AND INSTALL THE FOLLOWING:
   A. ALL JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ETC. NOT BUILT INTO FIXTURES OR EQUIPMENT. ALL OUTLETS, JUNCTION BOXES, COVER PLATES, ETC. IN DISHROOMS OR AS INDICATED ON SCHEDULE SHALL BE MOISTURE-PROOF.
   B. ALL PLUGS AND CORDS AS NOTED ON SCHEDULE. ALL CORDS SHALL BE N.E.M.A. RATED AND U.L. APPROVED FOR MANUFACTURED AND FABRICATED EQUIPMENT.
   C. SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR FIRE CONTROL SYSTEM SHUT-OFF OF FOODSERVICE EQUIPMENT BENEATH HOODS/VENTILATORS AS REQUIRED BY N.F.P.A.-96, LATEST EDITION, AND LOCAL CODES.
   D. DISCONNECTS OR OTHER DEVICES AS REQUIRED BY CODES.
8. WHEN APPLICABLE, ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING, INSTALL ELECTRICAL COMPONENTS (PROVIDED BY K.E.C.), AND INTERWIRE BETWEEN THE FOLLOWING:
   A. REMOTE REFRIGERATION SYSTEMS TO EVAPORATOR COILS;
   B. WALK-IN COOLER/FREEZER LIGHTS (RUN CONDUIT ABOVE COMPARTMENT CEILING),
   C. REMOTE WALK-IN COOLER/FREEZER ALARM SYSTEMS (WHEN USED),
   D. CONTROL PANELS TO WATER-TYPE VENTILATORS AND EXHAUST/SUPPLY FANS PER MANUFACTURER'S INSTRUCTIONS;
   E. KITCHEN EXHAUST HOODS/VENTILATORS TO FIRE CONTROL SYSTEM AND SHUT-OFFS.



1. ALL CONDUIT TO BE RUN ON EXTERIOR CEILING OF WALK-IN.
2. ALL PENETRATIONS THRU WALK-IN ARE TO BE SEALED WITH THERMAL MASTIC.
3. LIGHT FIXTURES TO BE SHIPPED LOOSE BY KEC TO ELECTRICIAN FOR INSTALLATION AT THE JOB SITE BY THE ELECTRICIAN.
4. FURNISH LOW TEMPERATURE BALLAST (-20 °F) INSIDE FREEZER COMPARTMENT.
5. NO METAL CONDUIT INSIDE WALK-IN BOX.

WALK-IN LIGHT INSTALLATION DETAIL
SCALE: NONE

CONSTRUCTION SET

REVISIONS:
DATE: DESCRIPTION: BY:

Delaware Seashore State Park
Indian River Marina
Marina Operations Building
ELECTRICAL ROUGH-IN PLAN

Seal:

GRIEVES WORRALL WRIGHT & O'HATNICK INCORPORATED
G|W W|O
ARCHITECTS
800 WYMAN PARK DRIVE, SUITE300
BALTIMORE, MARYLAND 21211, 410-332-1009

DESIGNED BY: RMN
DRAWN BY: JEG
CHECKED BY: RMN
DATE: 01/22/08
SCALE:
SHEET NO.: K-4
PROJECT NO.: 2007-DS-100

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