Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 01/06/14

FIRST FLOOR POWER PLAN
1/4"=1'-0"

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GENERAL NOTES

A.	REFER TO GENERAL AND SPECIFICATION NOTES, FOR ALL REQUIREMENTS. ALL ROUGH-IN ARE TO BE INPSECTED BY K.E.C. CONTRACTOR BEFORE ANY WALL FINISHES ARE TO BE INSTALLED.
B.	ELECTRICAL CONTRACTOR TO COODRINATE RECEPTACLE MOUNTING HEIGHT, CONFIGURATION OF EQUIPMENT LOCATIONS AND REQUIREMENTS OF EQUIPMENTS WITH ARCHITECTURAL MILLWORK DRAWING PRIOR TO ROUGH-IN ELECTRICAL DEVICES.
C.	ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE, AND LOCAL CODE ORDINANCES, ETC.
D.	ALL OUTLET COVERS WITHIN KITCHEN AREA TO BE ENGRAVED PER CORRESPONDING BREAKERS. ALL OUTLET COVERS TO STAINLESS STEEL.
E.	ELECTRICAL CONTRACTOR SHALL VERIFY AND PROVIDE ALL CONDUIT AND WIRE FOR CONNECTION TO ALL ELECTRICAL DEVICES, PER MANUFACTURERS'S INSTALLATION INSTRUCTIONS.
F.	ALL OUTLETS WITHIN KITCHEN AREA AND PREP AREA SHALL BE GFI PER NEC. IF GFI RECEPTACLE IS LOCATED IN INACCESSIBLE LOCATION, PROVIDE GFCI CIRCUIT BREAKERS FOR EQUIPMENT. FOR EQUIPMENT LOCATED UNDER THE HOOD, PROVIDE CONTACTOR/RELAY ALLOWING THE DEACTIVATION OF POWER VIA THE SHUNT TRIP CONTROLS/HOODS.
G.	CONDUIT FOR LIGHTING IN WALK-IN COOLERS SHALL BE RUN ON TOP OF THE BOXES AND SEALED AIR TIGHT INTERNALLY WHERE THEY ENTER THE UNITS.
H.	COLOR OF RECEPTACLES AND COVERPLATES ARE TO COMPLIMENT SURROUNDING WALL WITHIN AREAS OTHER THAN KITCHEN (E.G.: BROWN/BROWN IN WOOD PANELING, ETC).
I.	ALL RECEPTACLES WITHIN 6'-0" OF SINK COUNTER TOPS ARE TO BE G.F.I. TYPE.
J.	NO EXPOSED CONDUITS ARE ALLOWED IN KITCHEN.
K.	ALL PVC CHASES ARE TO HAVE CAPS AND BE STUBBED UP 4"A.F.F. MAXIMUM. ALL CHASES TO HAVE 90° SWEEPS.
L.	ALL RECEPTACLES IN "PUBLIC" AREAS ARE TO HAVE PLASTIC "CHILD GUARDS."
M.	ALL EXPOSED CONDUIT IN THE SEATING AREA SHALL BE PAINTED TO MATCH THE SURROUNDING SURFACE FINISH. EXPOSED CONDUIT IS PERMITTED ONLY IF IT IS ABSOLUTELY NOT POSSIBLE TO CONCEAL THE CONDUIT. THE CONTRACTOR SHALL BRING CONDITIONS WHERE EXPOSED CONDUIT IS NECESSARY TO THE ATTENTION OF THE OWNER'S PROJECT MANAGER PRIOR TO INSTALLATION. EXPOSED CONDUIT THAT HAS NOT BEEN PRIOR APPROVED SHALL BE REMOVED AND RE-ROUTED AT THE CONTRACTOR'S EXPENSE.
N.	WHEN A CONDITION IN THE KITCHEN OR BAR AREAS REQUIRES EXPOSED CONDUIT, THE CONDITION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S PROJECT MANAGER. ANY EXPOSED CONDUIT IN THE KITCHEN SHALL BE GRAY SEAL-TITE. EXPOSED CONDUIT THAT HAS NOT BEEN PRIOR APPROVED SHALL BE REMOVED AND RE-ROUTED AT THE CONTRACTOR'S EXPENSE.
O.	GENERAL CONTRACTOR SHALL LOCATE ALL EXISTING POST-TENSIONING STRANDS IN EITHER DIRECTION PRIOR TO INSTALL OF ANCHORS. IT IS IMPERATIVE THAT NO STRANDS BE DAMAGED BY THE USE OF ANCHORS. PENETRATION OF ANCHORS INTO SLAB SHALL NOT EXCEED 1 1/2'.
P.	ALL 125 VOLT, 20 AMPERE OUTDOOR RECEPTACLES SHALL BE LISTED WEATHER RESISTANT TYPE, AND SHALL HAVE GFCI PROTECTION FOR PERSONNEL AND A WEATHER PROOF COVER.
Q.	MC CABLE IS ALLOWED FOR GENERAL POWER AND LIGHTING CIRCUITS ONLY. ALL EQUIPMENT, KITCHEN AND HVAC, ETC. CIRCUITS ARE TO BE INSTALLED IN CONDUIT.

FIRE ALARM GENERAL NOTE

1.	AN APPROVED MANUAL FIRE ALARM SYSTEM MONITORED BY A LISTED CENTRAL STATION, REMOTE STATION OR PROPRIETARY STATION SHALL BE PROVIDED, DESIGNED PER NFPA STD. 72 (2005). PRIOR TO INSTALLATION A LICENSED CONTRACTOR SHALL SUBMIT TO THE FIRE DEPARTMENT, ONE (1) SET OF MANUFACTURER'S CUT SHEETS AND STATE FIRE MARSHALL LISTING SHEETS FOR EACH DEVICE, THREE (3) SETS OF SHOP DRAWINGS, A COMPLETED PERMIT APPLICATION, AND APPLICABLE FEES FOR REVIEW. ELECTRICAL CONTRACTOR SHALL INSTALL CONDUIT ONLY AND OUTLET BOXES. WIRING AND DEVICES SHALL BE BY OWNERS FIRE ALARM SYSTEM CONTRACTOR. FIRE ALARM SYSTEM CONTRACTOR SHALL SUBMIT FINAL FIRE ALARM SYSTEM SHOP DRAWINGS TO LOCAL FIRE DEPARTMENT PLAN CHECK FOR APPROVAL PRIOR TO INSTALLATION. PROVIDE DOCUMENTATION TO FIRE INSPECTOR VERIFYING SERVICE CONTRACTS OF FIRE ALARM SYSTEM.

KEYED NOTES

1.	PROVIDE 3/4" CONDUIT WITH PULLWIRE FROM EACH POS DATA OUTLET LOCATION. ROUTE TO ABOVE ACCESSIBLE CEILING.
2.	PROVIDE 3/4" EMPTY CONDUIT WITH PULLWIRE TO TELEPHONE BACKBOARD.
3.	EXISTING ELECTRICAL PANELBOARD TO REMAIN.
4.	PROVIDE 4400 SERIES KNOX VAULT. PROVIDE KEYS WITH IDENTIFICATION TAGS FOR THE KNOX VAULT. OBTAIN ORDERING FORMS THRU LOCAL CITY OF SERVICES. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
5.	PROVIDE 1/2" CONDUIT ONLY FOR SECURITY SYSTEM WIRES. STUB INTO ACCESSIBLE CEILING SPACE FOR ROUTING TO SECURITY PANEL.
6.	PROVIDE STUB CONDUIT DOWN TO TOP OF DOOR JAMB AS DIRECTED BY SECURITY SYSTEM CONTRACTOR FOR CONNECTION TO SECURITY SENSOR CONTACTS.
7.	PROVIDE 24"X24"X3/4" GRADE 'AB' PLYWOOD FOR TELEPHONE BOARD. PAINT TO MATCH WALL. COORDINATE MOUNTING HEIGHT WITH OWNER. PROVIDE GROUND PER NEC.
8.	PATCH PANEL. COORDINATE REQUIREMENTS WITH POS MANUFACTURER AND PROVIDE AS NECESSARY PRIOR TO ROUGH-IN.
9.	PROVIDE 1/2" CONDUIT ONLY FOR KEYED SWITCH SECURITY SYSTEM WIRES. STUB INTO ACCESSIBLE CEILING SPACE FOR ROUTING TO SECURITY PANEL.
10.	BUZZER (8V) MOUNTED FLUSH, EDWARDS #661, AND 120/8V, 20VA TRANSFORMER MOUNTED IN NEMA 1 BOX ABOVE CEILING, EDWARDS #598.
11.	WEATHERPROOF FLUSH-MOUNTED DOOR BUZZER PUSHBUTTON, EDWARDS #852, MOUNTED AT 48" A.F.F.
12.	COORDINATE LOCATION OF GFI RECEPTACLE FOR GI-1, GREASE INTERCEPTOR, WITH EQUIPMENT LOCATION AND PLUMBING CONTRACTOR.

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11/18/2013

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DATE	DESCRIPTION
11/18/13	PERMIT ISSUE

	DATE	DESCRIPTION

SHEET TITLE:
FIRST FLOOR POWER PLAN

SHEET NUMBER:
E1.2

PROJECT NUMBER:
EVB130001