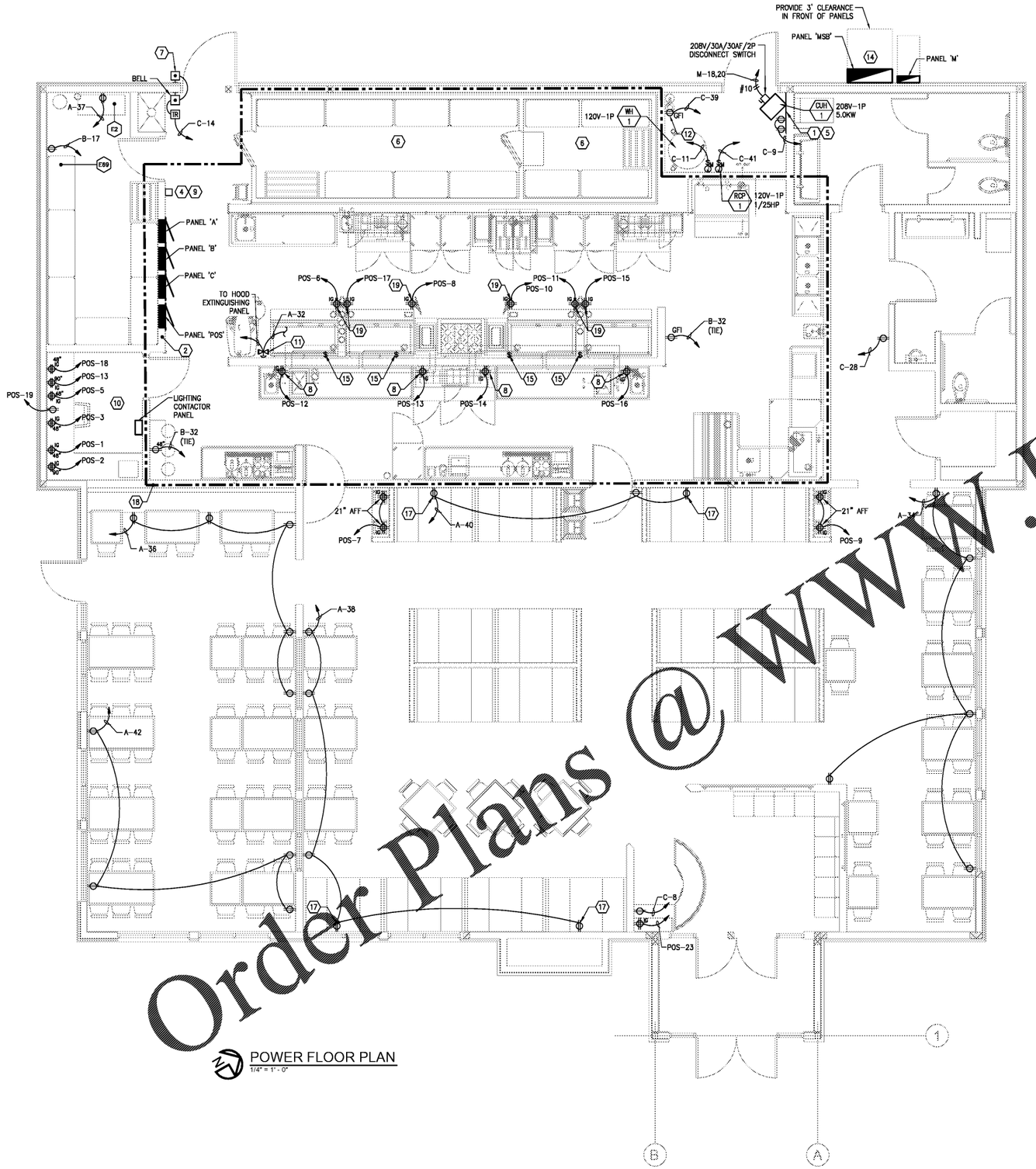

POWER FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTES

A.	REFER TO EQUIPMENT PLANS FOR ELECTRICAL EQUIPMENT ROUGH-IN DIMENSIONS.
B.	REFER TO ELECTRICAL ROUGH-IN PLAN SHEET FOR EXACT LOCATIONS.
C.	PROVIDE DISCONNECT SWITCHES FOR RECEPTACLES OR ALL ITEMS OUT OF SIGHT OF SUPPLYING BACKBOARD.
D.	ALL WIRING INSIDE BUILDING SHALL BE IN METALLIC RACEWAY EXCEPT IN BUILDING FLOOR JOIST WHERE SCHED PVC MAY BE USED. WIRING ON EXTERIOR OF BUILDING WHERE UNDERGROUND, MAY BE SCHEDULE 40 PVC. PROVIDE MC CABLE WHEN ALLOWED BY CODE.
E.	DUPLEX AND SINGLE DUPLEX RECEPTACLES FOR P.O.S. SYSTEM (ISOLATED GROUND RECEPTACLES) SHALL NOT SHARE CONDUIT WITH OTHER "NORMAL POWER" DEVICES. ISOLATED GROUND RECEPTACLES SHALL BE "ORANGE" IN COLOR.
F.	ALL CONDUCTORS SHALL BE COPPER, "THHN/THWN" INSULATED. COLOR CODE ALL CONDUCTORS.
G.	SEPARATE #12AWG SIZE GROUND CONDUCTORS (GREEN-INSULATED) SHALL BE PULLED IN ALL CONDUIT RUNS. METALLIC CONDUITS SHALL NOT SERVE AS GROUND.
H.	ALL CONDUIT SHALL BE CONCEALED, UNLESS LOCATED IN ELECTRICAL OR MECHANICAL ROOMS, UNLESS SPECIFICALLY APPROVED BY ARCH.
I.	ALL ELECTRICAL EQUIPMENT UNDER HOODS SHALL BE SHUNT TRIPPED THROUGH FIRE SUPPRESSION SYSTEM. REF KITCHEN DRAWINGS.
J.	RUNS IN WALLS SHALL BE MC CABLE.
K.	CONDUIT SHALL BE PROPERLY SUPPORTED USING CLAMPS. TIE WIRES ARE NOT BE APPROVED.
L.	THE USE OF 3" HIGH BOXES WILL NOT BE PERMITTED. USE MINIMUM 4" SQUARE BOXES. PROVIDE SQUARE BOXES. PROVIDE SQUARE "PLASTER RINGS" WHERE ONLY ONE DEVICE IS ILLUSTRATED.
M.	PER NEC ARTICLE 210.8 (B), (2), ALL SINGLE-PHASE RECEPTACLES RATED 150V TO GROUND OR LESS, 50A OR LESS AND THREE-PHASE RECEPTACLES 150V TO GROUND OR LESS, 100A OR LESS INSTALLED IN THE KITCHEN SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL. PROVIDE A GFCI TYPE RECEPTACLE WHERE THE RECEPTACLE IS READILY ACCESSIBLE, OTHERWISE PROVIDE A GFCI BREAKER IN THE PANELBOARD. IF GFCI CIRCUIT BREAKERS ARE USED FOR EQUIPMENT UNDER THE HOOD, PROVIDE ALL RELAYS AND CONTACTORS TO CIRCUIT EQUIPMENT TO HOOD SHUNT SYSTEM TO DISCONNECT POWER FROM EQUIPMENT.
N.	ALL CONDUIT PASSING THROUGH THE WALLS, CEILINGS OR FLOORS OF THE WALK-IN UNIT SHALL BE SEALED PER NEC ARTICLE 300.7.
O.	ALL ELECTRICAL EQUIPMENT LOCATED UNDER A HOOD MUST TURN OFF UPON ACTIVATION OF THE FIRE SUPPRESSION SYSTEM WITH THE EXCEPTION OF EXHAUST AIR.
P.	ALL EXTERIOR BOXES AND CONDUIT TO BE PAINTED TO MATCH WALL FINISH.

KEYED NOTES

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1.	COORDINATE EQUIPMENT WITH WATER SERVICE.
2.	E.C. TO COORDINATE DEPTH OF WALL WITH G.C. TO ACCOMMODATE RECESSED PANELBOARDS.
3.	NOT USED.
4.	RECESSED FIRE SUPPRESSION ANSUL SYSTEM.
5.	E.C. TO PROVIDE 3/4"x4'Wx8'H FIRE RATED PLYWOOD TELEPHONE BACKBOARD WITH #6 CU GROUND PER TELEPHONE COMPANY REQUIREMENTS. COORDINATE INSTALLATION IN FIELD.
6.	SEAL-OFF FOR ALL CONDUITS PENETRATING COOLER / FREEZER WALLS
7.	WEATHERPROOF PUSHBUTTON. CONNECT TO LOW VOLTAGE TRANSFORMER LOCATED JUST INSIDE BACK DELIVERY DOOR. REFER TO DETAIL 5/E3.2 FOR FURTHER INFORMATION.
8.	E.C. SHALL PROVIDE AND INSTALL RECEPTACLE MOUNTED AT 72" A.F.F. VERIFY EXACT LOCATION WITH KDS PROVIDER PRIOR TO ROUGH-IN.
9.	RELAY IN NEMA-1 ENCLOSURE ABOVE ACCESSIBLE CEILING SPACE. VERIFY NO. OF POLES OF RELAY REQUIRED AND CONTROL WIRING WITH PLUMBING AND FIRE SUPPRESSION CONTRACTOR. VERIFY EXACT LOCATIONS AND CONTROL WIRING REQUIREMENTS WITH PLUMBING AND FIRE SUPPRESSION CONTRACTOR.
10.	RECEPTACLES IN OFFICE MOUNTED ABOVE COUNTER, UNLESS NOTED OTHERWISE.
11.	NATURAL GAS SOLENOID VALVE AT HOOD. VERIFY EXACT QUANTITY AND LOCATIONS WITH PLUMBING CONTRACTOR.
12.	GFI RECEPTACLE FOR WATER SOFTENER. COORDINATE EXACT REQUIREMENTS WITH WATER SOFTENER MANUFACTURER AND PROVIDE AS NECESSARY PRIOR TO ROUGH-IN. COORDINATE LOCATION WITH PLUMBING CONTRACTOR.
13.	NOT USED.
14.	CONTRACTOR SHALL PROVIDE AN APPROVED SIGN WHICH WILL CONSIST OF A PERMANENT, ALL-WEATHER SIGN SECURED TO THE PANEL WITH METAL RIVETS. THE SIGN SHALL READ "MAIN ELECTRICAL DISCONNECT". THE SIGN SHALL CONTAIN WHITE, REFLECTIVE LETTERING ON A RED BACKGROUND. THE SIGN SHALL BE 7" IN HEIGHT AND 10" IN WIDTH. THE LETTERING SHALL BE A MINIMUM OF 1" IN HEIGHT.
15.	MANUAL TOGGLE SWITCH FOR FOOD WARMERS TO BE INSTALLED AT 6'-6" A.F.F. VERIFY EXACT LOCATION WITH KITCHEN EQUIPMENT VENDOR PRIOR TO ROUGH-IN.
16.	NOT USED.
17.	RECEPTACLE TO BE MOUNTED AT 24" A.F.F. AND 6" OFF CENTER OF TABLE. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
18.	REFER TO KITCHEN ELECTRICAL PLAN ON SHEET E1.5 AND ELECTRICAL SCHEDULE ON SHEET E2.2 FOR FURTHER INFORMATION IN THIS AREA.
19.	RECEPTACLE TO BE MOUNTED ABOVE FINISHED CEILING AT POLE LOCATIONS AS INDICATED BY HOOD AND KITCHEN EQUIPMENT VENDORS. VERIFY EXACT LOCATION AND REQUIREMENTS WITH HOOD AND KITCHEN EQUIPMENT PROVIDERS PRIOR TO ROUGH-IN.

CONFIRM LOCATION OF UNDERCOUNTER RECEPTACLE AT HOSTESS STAND WITH OWNER PRIOR TO ROUGH-IN.

COORDINATE DEPTH OF WALL TO ACCOMMODATE NEW RECESSED PANELBOARDS.

VERIFY LOCATION OF ANSUL SYSTEM AND ALL ASSOCIATED WIRING, CONTROLS, DEVICES AND COMPONENTS. PROVIDE NEW AS NECESSARY.

VERIFY EXACT LOCATION AND QUANTITY OF GAS SOLENOID VALVE(S) WITH PLUMBING CONTRACTOR.

COORDINATE EXACT LOCATIONS OF RECEPTACLES MOUNTED IN BASE OF SEAT WITH SEAT VENDOR.

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ISSUED REVISIONS:

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IHOP
Rise and Shine Prototype

POWER FLOOR PLAN

E1.2

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