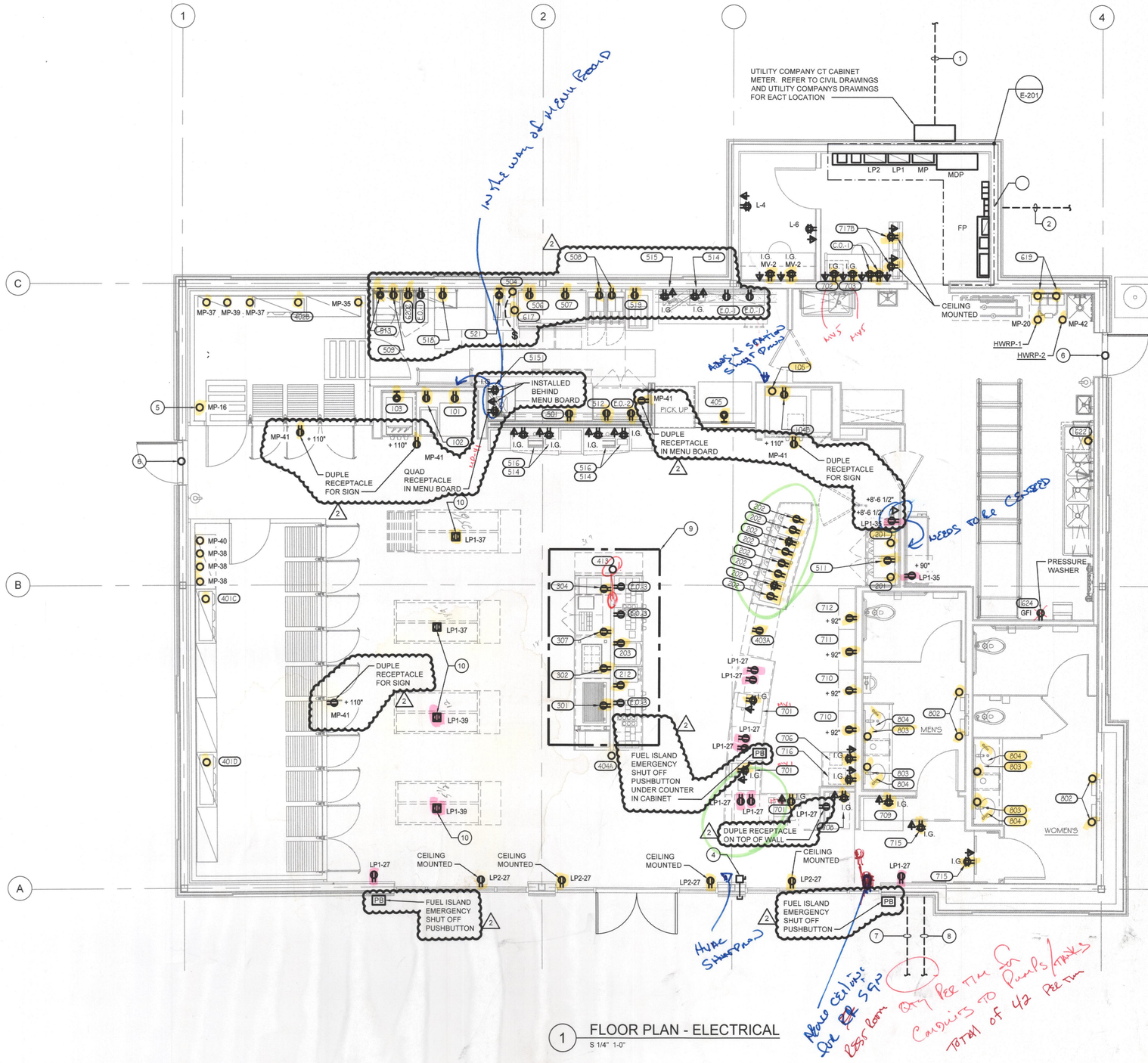

1 FLOOR PLAN - ELECTRICAL
S 1/4" 1-0"

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH NEC AND ALL APPLICABLE CODES.
2. LOCATION AND MOUNTING HEIGHTS FOR ELECTRICAL DEVICES SHALL BE COORDINATED WITH THE ARCHITECT AND/OR BUILDING ENGINEER PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL DRAWINGS FOR OUTLET AND FACEPLATE COLOR.
3. PROVIDE TYPEWRITTEN SCHEDULES FOR ALL PANELBOARDS UTILIED AT COMPLETION OF PROECT, INDICATED ACTUAL AS-BUILT CONDITIONS. SCHEDULES SHALL INCLUDE CIRCUIT NUMBER, EQUIPMENT SERVED, BREAKER TRIP SETTING AND WIRE AND CONDUIT SIES.
4. PROVIDE PERMANENT PHENOLIC NAMEPLATES, BLACK W/ WHITE LETTERING, FOR ALL PANELBOARDS, TRANSFORMERS, MECHANICAL EQUIPMENT, PLUMBING EQUIPMENT AND FOR ALL ASSOCIATED DISCONNECT SWITCHES, STARTERS, ETC..
5. COORDINATE EACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS.
6. COORDINATE EACT LOCATION OF ALL PLUMBING EQUIPMENT WITH PLUMBING DRAWINGS.
7. COORDINATE EACT NEMA CONFIGURATION OF RECEPTACLES WITH EQUIPMENT PROVIDED PRIOR TO INSTALLATION.
8. VERIFY ALL APPLIANCE/EQUIPMENT SPECIFICATIONS VOLTAGE, KILOWATTS, HORSEPOWER, CONNECTION, ETC PRIOR TO ROUGH-IN OR PLACING FINAL PURCHASE ORDERS FOR ANY ELECTRICAL DEVICES. REFERENCE FINAL KITCHEN DRAWINGS FOR DETAILS. ALL RECEPTACLES AND UNCTION BOES SHALL BE MOUNTED AT THE HEIGHT INDICATED ON KITCHEN PLANS.
9. PROVIDE AND MAKE ALL FINAL CONNECTIONS PER THE MANUFACTURERS SPECIFICATIONS. ALL CONDUIT CONNECTIONS SHALL BE SEALTIGHT".
10. CONNECT TO THE UNITS INTEGRAL DISCONNECT SWITCH WHERE APPLICABLE.
11. FOR ALL WALK-IN COOLERS AND FREEERS, PROVIDE ALL INTERCONNECTING CONDUIT AND WIRING BETWEEN EACH EVAPORATOR/DEFROST UNIT AND ITS COMPRESSOR. WIRING SHALL BE COLOR CODED PER THE MANUFACTURERS SPECIFICATIONS. PROVIDE ALL BRANCH CIRCUIT WIRING FOR THE UNITS INTEGRAL LIGHT FIXTURES, SWITCHES, THERMOSTATS, HEAT CABLE, ETC. AS REQUIRED.
12. IN ALL CASES EACH PIECE OF EQUIPMENT SHALL BE COMPLETELY CONNECTED AND IN PROPER OPERATING CONDITION. PROVIDE FINAL CONNECTIONS TO ALL KITCHEN EQUIPMENT.
1. WHERE FLEIBLE CONNECTIONS ARE REQUIRED, A FLEIBLE LIQUID-TIGHT CONDUIT SHALL BE USED, 4-0" MINIMUM LENGTH.
14. WHERE UNCTION BOES ARE SHOWN, PROVIDE A UNCTION BO AND BRANCH TO THE UNITS CONNECTION TERMINALS OR CONTROL PANEL AS INDICATED ON KITCHEN PLANS.
15. ALL RECEPTACLES INSTALLED WITHIN THE KITCHEN AREA SHALL BE GFCI PROTECTED.
16. ALL OUTLETS, UNCTION BOES, COVER PLATES, ETC., LOCATED WITHIN THE DISH ROOM AREA AND/OR AS INDICATED, SHALL BE MOISTURE PROOF.
17. PROVIDE SHUNT TRIP BREAKERS FOR FIRE CONTROL SYSTEM SHUT-OFF OF ALL FOOD SERVICE COOKING EQUIPMENT UNDERNEATH KITCHEN EHAUST HOOD, AS REQUIRED BY NFPA-96.
18. ROUTE ALL WALK-IN BO CONDUIT ABOVE COMPARTMENT CEILING.
19. ALL RECEPTACLES AND UNCTION BOES LOCATED ON ISLANDS OR PENINSULAS SHALL BE MOUNTED TO THE INTERIOR WALL OF ASSOCIATED SERVICE COUNTER/MILLWORK. INSTALL UNCTION BOES AT 18" AFF.
20. COORDINATE THE ROUTING OF ALL UNDERGROUND CONDUITS WITH CIVIL ENGINEER UTILITIES, PRIOR TO ROUGH-IN AND INSTALLATION.

DRAWING NOTES (#)

1. PROVIDE 4 4" CONDUITS FOR INCOMING ELECTRICAL SERVICE CONDUCTORS. ETEND 5 BEYOND BUILDING FOOTPRINT. COORDINATE EACT ROUTING TO TRANSFORMER AND TERMINATION POINT WITH CIVIL ENGINEER UTILITY COMPANY, PRIOR TO ROUGH-IN INSTALLATION.
2. PROVIDE 2 4" EMPTY CONDUITS WITH PULL STRING FOR INCOMING TELEPHONE/DATA/CABLE SERVICES ETEND 5 BEYOND BUILDING FOOTPRINT. COORDINATE EACT ROUTING TERMINATION POINT WITH CIVIL TELEPHONE/DATA/CABLE COMPANY, PRIOR TO ROUGH-IN INSTALLATION.
3. TELEPHONE/DATA/CABLE DEMARCATION POINT. PROVIDE A 48"H 48"W /4"D FIRE RETARDANT PLYWOOD BACKBOARD. TELECOM GROUNDING SYSTEM SHALL TIE INTO BUILDING GROUNDING ELECTRODE SYSTEM.
4. PROVIDE A 1P-0A-240V NFSS, LOCKABLE IN THE "ON" POSITION FOR ETERIOR ILLUMINATED SIGNAGE. PROVIDE 1 1" SLEEVE THROUGH ETERIOR WALL. PROVIDE WEATHERPROOF COVER PLATE. LOCATE 6" BELOW CEILING.
5. UNCTION BO FOR CONNECTION TO HEAT TRACE FOR WALK-IN FREEER. CONNECT TO GFCI CIRCUIT BREAKER IN PANEL INDICATED.
6. FLUSH UNCTION BO FOR CONNECTION TO PANIC DOOR HARDWARE. PROVIDE 1 1" EMPTY CONDUIT WITH PULL STRING UP TO ACCESSIBLE CEILING SPACE FOR LOW VOLTAGE SECURITY WIRING LOW VOLTAGE SECURITY WIRING PROVIDED BY OTHERS.
7. PROVIDE 4 1" EMPTY CONDUITS WITH PULL STRING POWER, VROOT, INTERCOM SPARE FROM ELECTRICAL ROOM TO EACH FUEL DISPENSER AND EACH CANOPY COLUMN. THERE ARE 6 PROPOSED GAS PUMP ISLANDS. COORDINATE EACT QUANTITY OF GAS PUMPS WITH OWNER, PRIOR TO BID.
8. PROVIDE 1" EMPTY CONDUITS WITH PULL STRING POWER, LOW VOLTAGE SPARE FROM ELECTRICAL ROOM TO GAS STATION PRICE SIGNAGE.
9. RECEPTACLES SHALL BE LOCATED INSIDE CABINET TYPICAL. COORDINATE MOUNTING HEIGHT WITH THE OWNER. MOUNT AFTER MILLWORK HAS BEEN COMPLETED.
10. COORDINATE LOCATION WITH EQUIPMENT PROVIDER AND OWNER REQUIREMENTS.

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REV. #	ISSUE / DESCRIPTION	DATE
1	OWNER COMMENTS	05/10/17
2	OWNER COMMENTS	07/07/17

SHEET TITLE:
FLOOR PLAN - ELECTRICAL

DRAWING DATE: 01 APRIL 2017
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