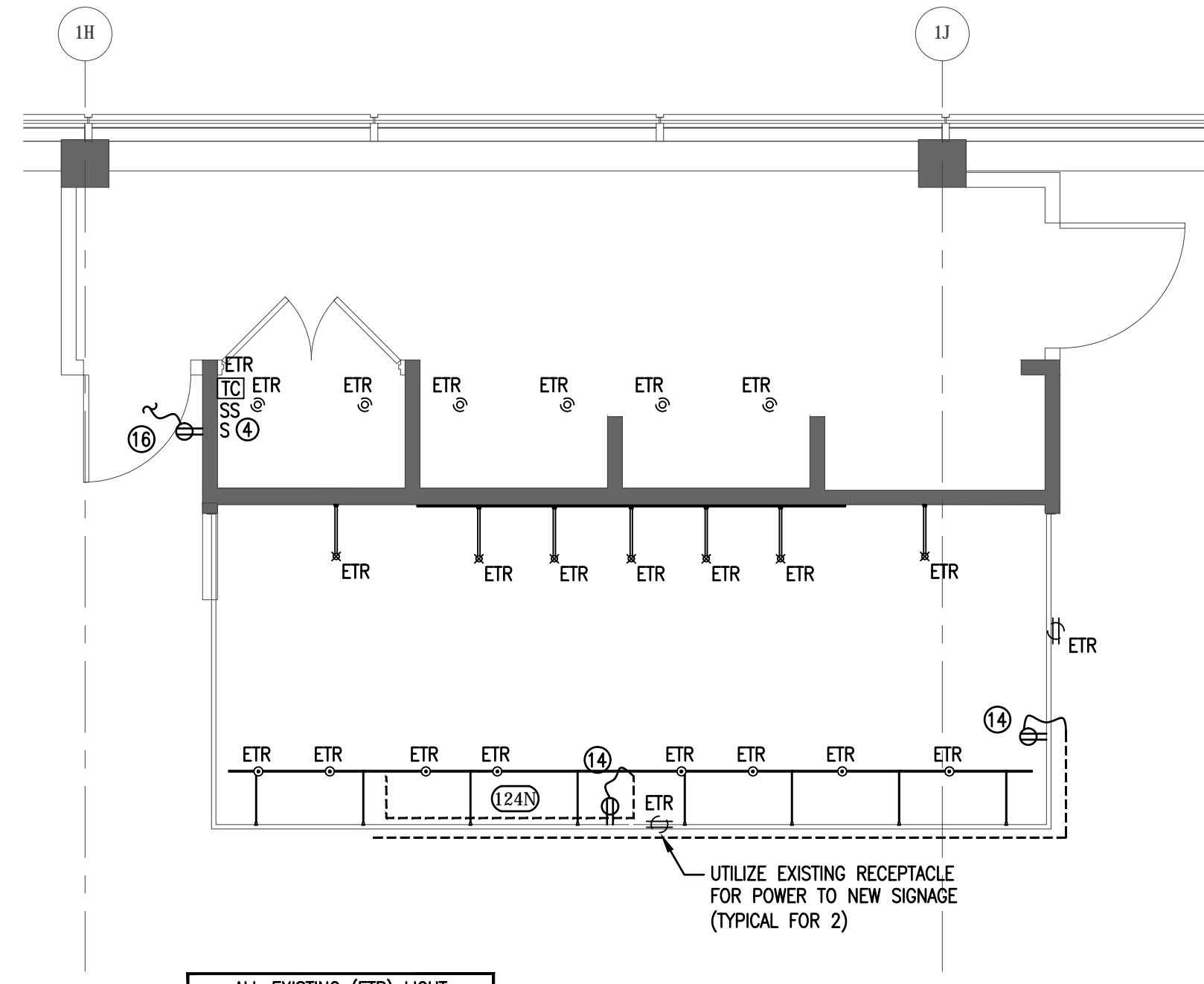
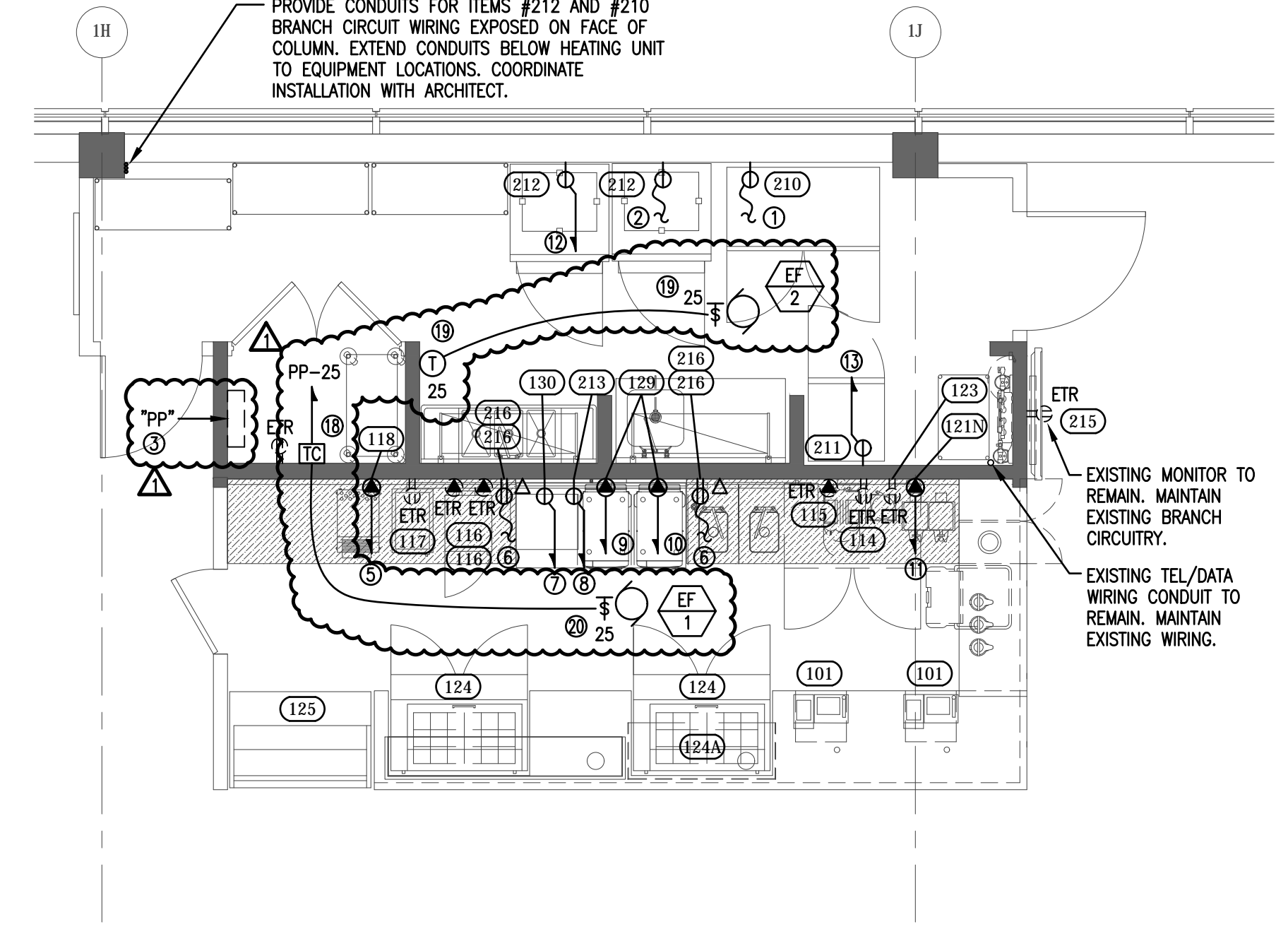


1 ELECTRICAL DEMO PLAN
1/4" = 1'-0"

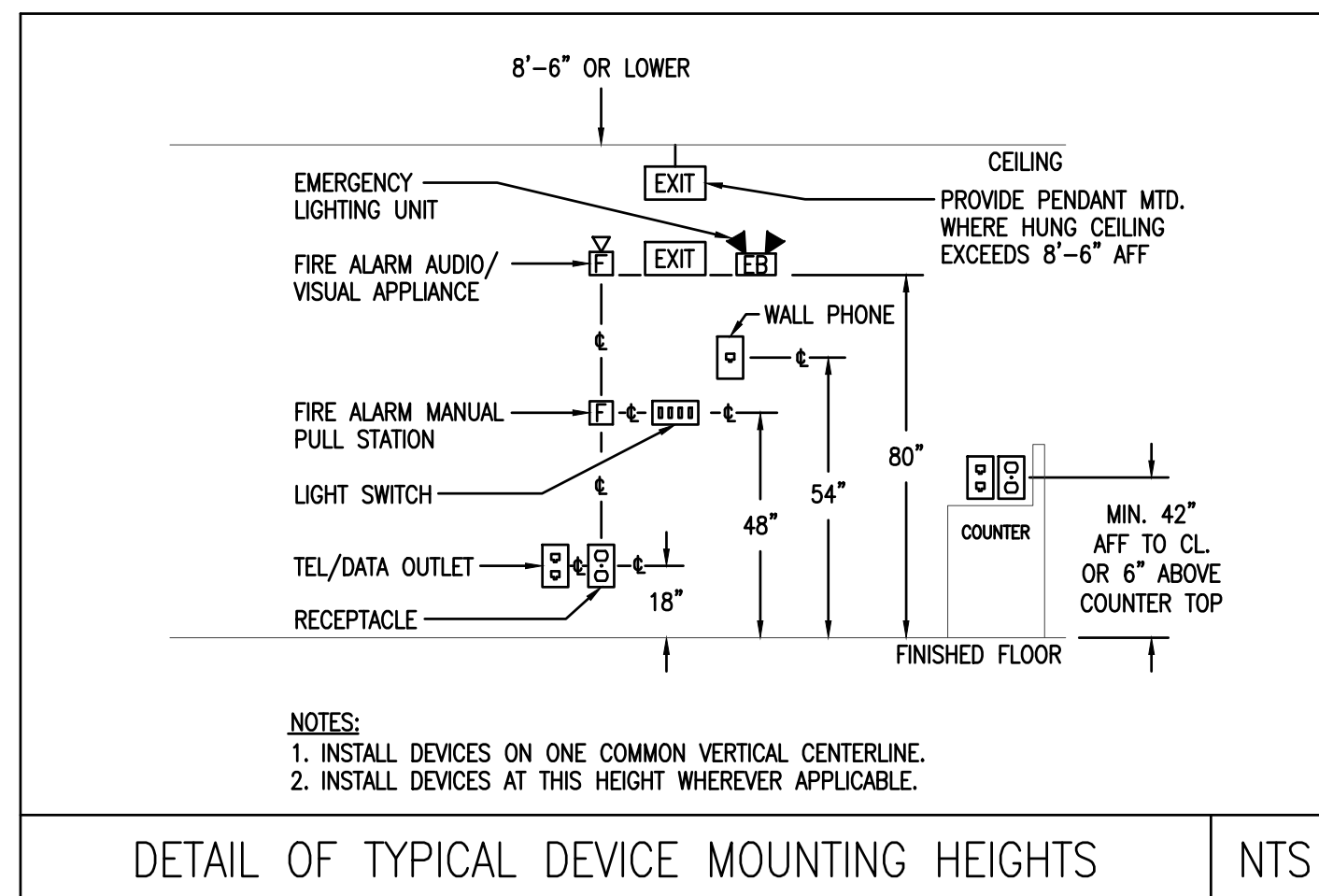


2 LIGHTING PLAN
1/4" = 1'-0"

ALL EXISTING (ETR) LIGHT FIXTURES WITHIN SCOPE OF WORK AREA SHALL BE CLEANED, RELAMPED, AND RETURNED TO LIKE-NEW CONDITION.

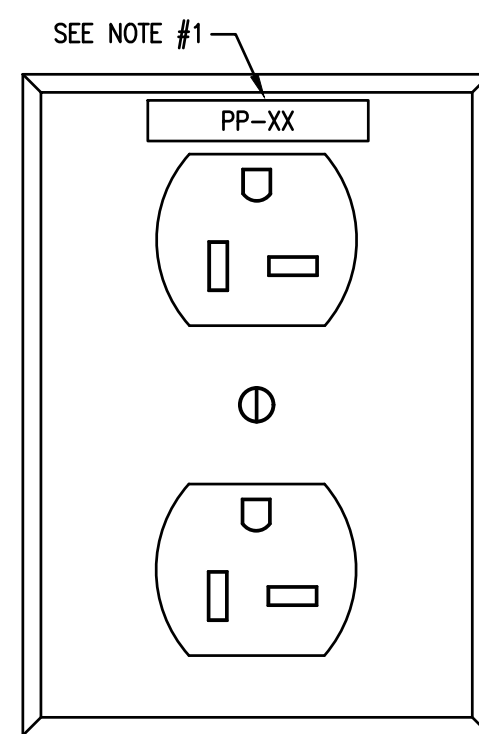


3 POWER PLAN
1/4" = 1'-0"



DETAIL OF TYPICAL DEVICE MOUNTING HEIGHTS

NTS



TYPICAL RECEPTACLE LABELING DETAIL

DETAIL NOTE:

- ELECTRICAL CONTRACTOR SHALL PROVIDE TYPED LABEL ON EACH RECEPTACLE (INCLUDING SPECIAL NEMA RECEPTACLES) WITH POUCH MACHINE OR SIMILAR TO INDICATE PANEL NAME AND CIRCUIT NUMBER. FOR SPECIAL NEMA RECEPTACLES, INDICATE PANEL AND CIRCUIT NUMBER AS PP-X/X, PP-X/X/X, ETC.

| ITEM NO | QTY | EQUIPMENT CATEGORY | VOLTS/ PHASE | NEMA RECEPTACLE | NOTES | ELECTRICAL AFF (IN) |
|---------|-----|---|--------------|-----------------|---------------------------|---------------------|
| 101 | 2 | POS | | | EXIST | |
| 114 | 1 | BLENDER | | | EXIST | |
| 115 | 1 | ESPRESSO | | | EXIST | |
| 116 | 2 | MICROWAVE OVEN | | | EXIST - DOUBLE STACKED | |
| 117 | 1 | COOKER/WARMER | | | EXIST | |
| 118 | 1 | CONVEYOR TOASTER | 208/1 | 6-20R | | |
| 121N | 1 | 1.5 GALLON COFFEE BREWER | 120/208/1 | L14-30R | | 48 |
| 123 | 1 | UNDERCOUNTER REFRIGERATOR | | | EXIST | 12 |
| 124 | 2 | REFRIGERATOR, SANDWICH/SALAD PREP | | | EXIST | 12 |
| 124A | 1 | SHELF, SANDWICH/SALAD PREP | | | EXIST | |
| 124N | 1 | SNEEZE GUARD W/ LED LIGHT TAPE | 120/1 | 5-20R | | |
| 125 | 1 | 50" SELF SERVE REFR. (with NIGHT GATE & LOCK) | | | EXIST | |
| | | EVAPORATOR PAN | | | EXIST | |
| 129 | 2 | MICROWAVE CONVECTION OVEN | 208/1 | 6-30R | | 48 |
| 130 | 1 | HORIZONTAL DISPLAY WARMER | 120/1 | 5-20R | | 48 |
| 210 | 1 | REACH-IN REFRIGERATOR | 120/1 | 5-20R | EXIST | 12 |
| 211 | 1 | REACH-IN REFRIGERATOR | 120/1 | 5-20R | EXIST | 12 |
| 212 | 2 | ROLL-IN FREEZER | 120/1 | 5-20R | 1 EXIST, 1 NEW | 12 |
| 213 | 1 | UNDERCOUNTER REFRIGERATOR | 120/1 | 5-20R | | 12 |
| 215 | 1 | 50" MONITOR | | | EXIST | |
| 216 | 4 | 49" MEDIA PLAYER | 120/1 | 5-20R | COORD MTG HT W/ ARCHITECT | |

| VOLT | | 240 | | MAIN | | MLO | | | | |
|--------|------------------------|---------|------|-------|-----|---------|-------|---------|------------------------|--------|
| PHASE | | 3 | | BUS | | 225A | | | | |
| WIRE | | 4 | | FEED | | EXIST | | | | |
| A.I.C. | | EXIST | | MOUNT | | SURFACE | | | | |
| CKT NO | SERVICE DESCRIPTION | WATTAGE | BKR | POLES | ABC | BKR | POLES | WATTAGE | SERVICE DESCRIPTION | CKT NO |
| 1 | REFRIGERATOR IN CLOSET | EXIST | | 20 | 1 | | | | | 2 |
| 3 | ROLL-IN FREEZER 212 | EXIST | | 20 | 1 | | 30 | 3100 | TURBO CHEF OVEN 129 | 4 |
| 5 | REFRIG IN CLOSET 210 | EXIST | | 20 | 1 | | | 3100 | TURBO CHEF OVEN 129 | 6 |
| 7 | MICROWAVE | EXIST | | 20 | 2 | | | 3100 | TURBO CHEF OVEN 129 | 8 |
| 9 | | EXIST | | 20 | 1 | | | EXIST | COUNTER GFI RECEPT | 10 |
| 11 | CONVEYOR TOASTER 118 | 2028 | 2028 | 20 | 2 | | | EXIST | ESPRESSO | 12 |
| 15 | COFFEE BREWER 121N | 2496 | | 30 | 2 | | | EXIST | COUNTER GFI RECEPT | 16 |
| 17 | | 2496 | | 20 | 1 | | | EXIST | SPARE | 18 |
| 19 | UNDERCOUNTER REFRIG. | EXIST | | 20 | 1 | | | EXIST | CASH REGISTER | 20 |
| 21 | SIGN (via TIMECLOCK) | EXIST | | 20 | 1 | | | EXIST | CASH REGISTER | 22 |
| 23 | | EXIST | | 20 | 1 | | | EXIST | PREP TABLE | 24 |
| 25 | EF-1/EF-2 | 500 | | 20 | 1 | | | EXIST | PREP TABLE | 26 |
| 27 | | EXIST | | 20 | 1 | | | EXIST | REACH-IN COOLER | 28 |
| 29 | LIGHTS | EXIST | | 20 | 1 | | | EXIST | TV RECEPTACLE | 30 |
| 31 | SPARE | EXIST | | 20 | 1 | | | EXIST | RECEPTACLE ELECTRIC RM | 32 |
| 33 | (UNKNOWN) | EXIST | | 15 | 1 | | | | SPARE | 34 |
| 35 | REACH-IN REFRIG 211 | 912 | 20 | 1 | | | | EXIST | MICROWAVE | 36 |
| 37 | SHIPYARD RETAIL | | 20 | 1 | | | | EXIST | | 38 |
| 39 | SHIPYARD RETAIL | | 20 | 1 | | | | 1440 | REACH-IN FREEZER 212 | 40 |
| 41 | UNDERCTR REFRIG 213 | 468 | 20 | 1 | | | | 828 | DISPLAY WARMER 130 | 42 |

- PROVIDE GFCI TYPE CIRCUIT BREAKER. REMOVE EXISTING CIRCUIT BREAKER (IF APPLICABLE). REFER TO KEYED NOTES FOR ADDITIONAL REQUIREMENTS.
- EXISTING CIRCUIT BREAKER. LABEL AS "SPARE"

PANEL SCHEDULE NOTE:
ALL CIRCUITS AND CIRCUIT BREAKERS INDICATED "OUT OF FUNCTION" DENOTE EXISTING CIRCUITS/BREAKERS THAT ARE TO REMAIN. ALL CIRCUITS AND CIRCUIT BREAKERS INDICATED "IN FUNCTION" DENOTE NEW CIRCUITS/BREAKERS TO BE PROVIDED BY THE E.C. E.C. SHALL PROVIDE A NEW TYPED PANELBOARD DIRECTORY UPDATED TO REFLECT ACTUAL LOADS SERVED.

DRAWING E200 KEYED NOTES:

- EXISTING BRANCH CIRCUITRY EXTENDED FROM FORMER LOCATION OF ITEM #212. PROVIDE NEW RECEPTACLE AS INDICATED. EXISTING CIRCUIT BREAKER WITHIN PANEL "PP" SHALL BE REMOVED AND REPLACED WITH NEW GFCI TYPE CIRCUIT BREAKER.
- EXISTING BRANCH CIRCUITRY EXTENDED FROM FORMER LOCATION OF ITEM #212. PROVIDE NEW RECEPTACLE AS INDICATED. EXISTING CIRCUIT BREAKER WITHIN PANEL "PP" SHALL BE REMOVED AND REPLACED WITH NEW GFCI TYPE CIRCUIT BREAKER.
- EXISTING PANELBOARD "PP" TO REMAIN.
- EXISTING TIMECLOCK AND TOGGLE SWITCHES TO REMAIN.
- ITEM #118: CIRCUIT #PP-11/13. UTILIZE EXISTING 20A/2P CIRCUIT BREAKER. PROVIDE 2#12, #12G, 3/4" C AND NEMA 6-20R RECEPTACLE.
- ITEM #216 (QTY 4): PROVIDE CONNECTION TO EXISTING TV RECEPTACLE BRANCH CIRCUIT.
- ITEM #130: CIRCUIT #PP-42. PROVIDE NEW 20A/1P GFCI TYPE CIRCUIT BREAKER.
- ITEM #213: CIRCUIT #PP-41. PROVIDE NEW 20A/1P GFCI TYPE CIRCUIT BREAKER.
- ITEM #129: CIRCUIT #PP-2/4. PROVIDE NEW 30A/2P CIRCUIT BREAKER. PROVIDE 2#10, #10G, 3/4" C AND NEMA 6-30R RECEPTACLE.
- ITEM #129: CIRCUIT #PP-6/8. UTILIZE EXISTING 30A/2P CIRCUIT BREAKER. PROVIDE 2#10, #10G, 3/4" C AND NEMA 6-30R RECEPTACLE.
- ITEM #121N: CIRCUIT #PP-15/17. UTILIZE EXISTING 30A/2P CIRCUIT BREAKER. PROVIDE 3#10, #10G, 3/4" C AND NEMA L14-30R RECEPTACLE.
- ITEM #212: CIRCUIT #PP-40. PROVIDE NEW 20A/1P GFCI TYPE CIRCUIT BREAKER.
- ITEM #211: CIRCUIT #PP-35. REMOVE EXISTING 20A/1P CIRCUIT BREAKER AND PROVIDE NEW 20A/1P GFCI TYPE CIRCUIT BREAKER.
- PROVIDE LED TAPE LIGHT AS MANUFACTURED BY COMMERCIAL ELECTRIC #1001-798-987. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING LOCATIONS. COORDINATE MOUNTING METHOD WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE SWITCHED RECEPTACLE BELOW COUNTER AND CONNECT TO EXISTING LIGHTING BRANCH CIRCUIT.
- UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL DEVICES LOCATED WITHIN FRONT LINE MILLWORK SHALL REMAIN. E.C. SHALL DISCONNECT AND REMOVE EXISTING DEVICES AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW MILLWORK. EXISTING WIRING SHALL BE MADE SAFE AND MAINTAINED FOR RECONNECTION AFTER MILLWORK REPLACEMENT.
- LOCATE RECEPTACLE TO SERVE RELOCATED SIGNAGE. PROVIDE CONNECTION TO EXISTING SIGNAGE BRANCH CIRCUIT. CONFIRM MOUNTING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.
- EXISTING EXHAUST FAN TO BE REMOVED. REMOVE EXISTING THERMOSTAT AND ALL ASSOCIATED BRANCH CIRCUIT WIRING, CONDUIT, AND CONTROL WIRING.

- PROVIDE NEW TIMECLOCK EQUAL TO INTERMATIC #T101R.
- PROVIDE BRANCH CIRCUIT AS INDICATED. CIRCUIT THROUGH LINE-VOLTAGE THERMOSTAT PROVIDED BY HVAC CONTRACTOR.
- PROVIDE BRANCH CIRCUIT AS INDICATED. CIRCUIT THROUGH TIMECLOCK.

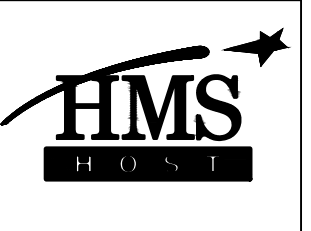
POWER PLAN GENERAL NOTES:

- ALL 125V, SINGLE PHASE, 15A AND 20A RECEPTACLES WITHIN SERVING AREA AND BACK-OF-HOUSE SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION PER NEC ARTICLE 210.8(B).
- COLOR AND TYPE OF ALL DEVICES AND DEVICE PLATES SHALL BE APPROVED BY ARCHITECT PRIOR TO PURCHASE/INSTALLATION.
- E.C. SHALL FURNISH AND INSTALL ALL RECEPTACLES, CAPS, AND CORDS AS REQUIRED FOR FOOD SERVICE EQUIPMENT. CAPS AND CORDS ARE TO BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND COMPLY WITH ALL APPLICABLE CODES.
- E.C. SHALL PROVIDE CONNECTIONS DIRECTLY TO EQUIPMENT ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. ELECTRICAL CONNECTIONS SHALL COMPLY WITH ALL APPLICABLE CODES.
- E.C. SHALL COORDINATE ALL FINAL POWER LOCATIONS AND MOUNTING HEIGHTS FOR KITCHEN EQUIPMENT WITH ARCHITECT PRIOR TO INSTALLATION.
- ELECTRICAL, COMMUNICATIONS, DATA, SECURITY, AND/OR FIRE SAFETY WIRING/SYSTEMS SHALL NOT BE INTERRUPTED WITHOUT NOTIFICATION AND COORDINATION WITH THE AUTHORITY HAVING JURISDICTION AND WRITTEN APPROVAL FROM SAID AUTHORITY.
- MAINTAIN EXISTING BRANCH CIRCUIT WIRING TO ALL DEVICES INDICATED AS EXISTING TO REMAIN ("ETR").
- CIRCUIT NUMBERS INDICATED REPRESENT DESIGN INTENT ONLY. E.C. SHALL UTILIZE EXISTING BRANCH CIRCUITS MADE AVAILABLE BY DEMOLITION FOR CONNECTION OF NEW DEVICES AND APPLIANCES. PROVIDE NEW CIRCUIT BREAKERS AS INDICATED.

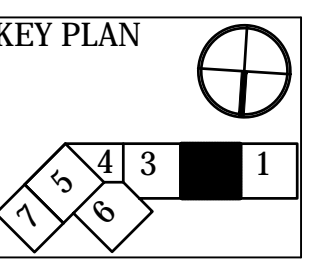
BRANCH CIRCUIT WIRING NOTES:

- WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
- WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
- ALL SWITCH CONTROLS SHALL BE PROVIDED WITH WIRING AND CONDUIT AS REQUIRED.
- ALTHOUGH ALL BRANCH CIRCUIT WIRING AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
- A GREEN GROUNDING CONDUCTOR SHALL BE RUN WITH ALL CIRCUITS. VERIFY CONDUIT SIZE TO ENSURE IT CAN ACCOMMODATE ALL PHASE, NEUTRAL AND GROUND CONDUCTORS.

| Item | Date |
|--------------|--------|
| Bid | 032117 |
| Permit | 032417 |
| Exhaust Fans | 053017 |

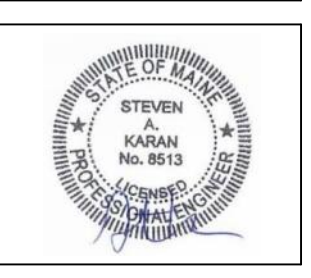


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LLOYD ARCHITECTS
32 Court St., Plymouth, MA 02360
Job #: 16414
Scale: As noted
Issued: 032117

Job #: 16414
Scale: As noted
Issued: 032117

ELECTRICAL PLANS

E200