## GENERAL NOTES

1. THE ELECTRICAL PLANS ARE DIAGRAMMATIC ONLY. REFER TO ARCHITECTURAL PLANS FOR EXACT DIMENSIONS OF THE BUILDING. REFER TO MECHANICAL OR PLUMBING PLANS FOR EXACT LOCATION OF THE EQUIPMENT.

2. ALL WIRING SHALL BE INSTALLED IN CONDUIT. CONDUCTORS SHALL BE TYPE THHN OR XHHW. MINIMUM WIRE SIZE SHALL BE #12 AWG. MINIMUM CONDUIT SIZE SHALL BE 3/4". THE USE OF TYPE AC OR MC CABLE IS PERMISSIBLE ONLY IN CONCEALED INSTALLATION.

3. ALL WIRE SIZES ARE BASED ON COPPER CONDUCTORS.

4. CONDUCTOR SIZES ARE BASE ON 75°C TEMPERATURE RATING. ALL TERMINATION POINT FOR CIRCUIT BREAKERS, DISCONNECT SWITCHES, AND EQUIPMENT TERMINALS SHALL BE RATED 75°C.

5. PROVIDE SINGLE COVERPLATE IN ALL AREAS WHERE DEVICES ARE GANGED

6. ALL DEVICES SHALL BE MOUNTED TO COMPLY WITH AMERICAN DISABILITIES ACT.

7. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES HAVING JURISDICTION.

8. WHERE THE LENGTH OF A HOMERUN FROM PANEL TO FIRST ELECTRICAL DEVICE EXCEEDS 75 FEET FOR A 120 VOLT CIRCUIT OR 150 FEET FOR A 208 AND 277 VOLT CIRCUIT. THE CONDUCTOR SIZE SHALL BE INCREASED ONE SIZE LARGER THAN INDICATED FOR EVERY 75 FEET FOR 120 VOLT CIRCUIT AND FOR EVERY 150 FEET FOR 208 AND 277 VOLT CIRCUIT TO COMPENSATE FOR VOLTAGE DROP.

9. ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE.
   - 9.1. LIGHT SWITCH SHALL BE 20A 120~277V.
   - 9.2. DUPLEX RECEPTACLES SHALL BE 20A, 125V, 2P, 3W, NEMA 5~20R UNLESS NOTED OTHERWISE ON THE DRAWINGS.
   - 9.3. DEVICE AND COVERPLATE FINISHES FOR NEW DEVICES SHALL BE SELECTED BY ARCHITECT UNLESS OTHERWISE NOTED. MOUNTING HEIGHTS OF NEW DEVICES SHALL BE AS INDICATED ON DRAWING. WHERE EXISTING DEVICES ARE INDICATED TO REMAIN CONTRACTOR SHALL MATCH THE COLOR AND MOUNTING HEIGHT TO NEW STANDARD UNLESS OTHERWISE NOTED.

10. ALL EQUIPMENT, SUCH AS STARTERS, RELAYS, CONTACTORS, SWITCHES, PANELS AND OTHER ELECTRICAL EQUIPMENT SHALL HAVE IDENTIFICATION PLATES OF BLACK LAMINATED PLASTIC WITH 1/4" WHITE LETTERS IDENTIFYING EQUIPMENT. EQUIPMENT IN FINISHED AREAS SHALL HAVE PLATES MOUNTED ON INSIDE OF DOOR; OTHERWISE PLATES SHALL BE MOUNTED ON FRONT OF EQUIPMENT. SECURE PLATES WITH FOUR SCREWS.

11. CONTRACTOR SHALL PROVIDE NEWLY TYPED DIRECTORIES FOR ALL PANEL BOARDS.

12. MOTOR HORSEPOWER RATINGS ARE APPROXIMATE AND MAY VARY BY MANUFACTURERS. CONTRACTOR SHALL VERIFY EXACT SIZE OF EQUIPMENT WITH APPROVED SHOP DRAWINGS. ADJUSTMENTS SHALL BE MADE IN SIZE OF BREAKERS, SWITCHES, WIRE AND MOTOR CONTROLS INCLUDING HEATERS BASED UPON THE MOTOR INSTALLED.

13. PROVIDE DISCONNECT SWITCHES/STARTERS IF NOT FURNISHED INTEGRAL WITH THE MECHANICAL EQUIPMENT. SIZE DISCONNECT SWITCH/STARTER AS RECOMMENDED BY EQUIPMENT MANUFACTURER.

14. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE TYPE OF CEILING SYSTEM WITH THE GENERAL CONTRACTOR OR CEILING CONTRACTOR TO INSURE THAT ALL RECESSED LIGHTING FIXTURES ARE COMPATIBLE WITH THE CEILING SYSTEM BEING INSTALLED. LIGHTING FIXTURES SHOULD NOT BE ORDERED UNTIL TYPE OF CEILING HAS BEEN VERIFIED.

15. LUMINAIRES SHALL BE SECURELY FASTENED TO THE CEILING FRAMING MEMBER BY MECHANICAL MEANS SUCH AS BOLTS, SCREWS, OR LISTED CLIPS IDENTIFIED FOR USE WITH THE TYPE OF CEILING FRAMING MEMBERS AND LUMINAIRES, PROVIDED THAT THE FRAMING MEMBERS OF THE SUSPENDED CEILING SYSTEM USED TO SUPPORT THE LUMINAIRES ARE SECURELY FASTENED TO EACH OTHER AND SECURELY FASTENED TO THE BUILDING STRUCTURE AT APPROPRIATE INTERVALS IN ACCORDANCE WITH NEC SECTION 410.30(A) OR 410.36(B) FOR CEILING GRID.

16. EXACT LOCATION, MOUNTING HEIGHT, AND TYPE OF TERMINATION FROM JUNCTION BOXES, STUB~UPS, DISCONNECT SWITCHES, ETC. SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS, SHOP DRAWINGS, EQUIPMENT CUTS OR DETAILS BEFORE CONDUIT ROUGH~IN.

17. CONTRACTOR SHALL VERIFY ALL EQUIPMENT REQUIREMENTS BEFORE INSTALLING CONDUIT OR CONDUCTORS FROM POWER SOURCE TO EQUIPMENT TERMINATION.

## GENERAL NOTES

18. CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMISSION OF BID. HE SHALL NOTE EXISTING CONDITIONS AND FAMILIARIZE HIMSELF WITH THE LAYOUT OF EXISTING LIGHTING AND POWER SYSTEMS IN ORDER TO THOROUGHLY UNDERSTAND THE SCOPE OF THE MODIFICATIONS TO THE PRESENT JOB AND THE EFFECT OF THOSE MODIFICATIONS.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTLY PHASING THE CIRCUITS IN THE PANELBOARDS. THREE SINGLE PHASE CIRCUITS MAY BE COMBINED WITH A COMMON NEUTRAL, PROVIDED EACH CIRCUIT IS ON A DIFFERENT PHASE.

20. THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON DRAWING OR NOT.

21. ITEMS TO BE REMOVED: UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PERFORM THE FOLLOWING:
   - 21.1. IF THE CONDUIT SERVING THE ITEM IS CONCEALED, THE CONTRACTOR SHALL REMOVE ALL CONDUCTORS, CUT CONDUIT BACK TO BELOW GRADE, FLOOR, OR ABOVE CEILING, AND PATCH TO MATCH EXISTING.
   - 21.2. IF THE CONDUIT SERVING THE ITEM IS EXPOSED, THE CONTRACTOR SHALL REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

22. ITEMS TO BE RELOCATED: UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PERFORM THE FOLLOWING:
   - 22.1. IF THE CONDUIT SERVING THE ITEM OR FEEDING OTHER ITEMS IS CONCEALED, THE CONTRACTOR SHALL REMOVE ALL CONDUCTORS, CUT CONDUIT BACK TO BELOW GRADE, FLOOR, OR CEILING, AND REFEED THESE ITEMS WITH NEW CONDUIT AND WIRE AS SHOWN ON THE DRAWING.
   - 22.2. IF THE CONDUIT SERVING THE ITEMS IS EXPOSED, THE CONTRACTOR SHALL REROUTE CONDUIT AND CONDUCTORS WHERE POSSIBLE OR RUN NEW CONDUIT AND CONDUCTORS AS MAY BE REQUIRED.
   - 22.3. IF AN ITEM IS TO BE REPLACED, THE CONTRACTOR SHALL RECONNECT ALL EXISTING CONNECTIONS.

23. WHERE EXISTING WALLS ARE REMOVED, RECEPTACLES AND TELEPHONE OUTLETS SHALL BE REMOVED. EXISTING RECEPTACLES AND TELEPHONE OUTLETS ON WALL THAT REMAIN SHALL BE RECONNECTED AND REMAIN IN SERVICE. SEE ARCHITECTURAL DRAWINGS FOR WALLS TO BE REMOVED.

24. ALL MATERIAL AND EQUIPMENT USED ON THIS PROJECT SHALL BE LISTED AND LABELED BY U.L.

25. PROVIDE PROPER WORKING CLEARANCES REQUIRED BY NEC SECTION 110.26~A.

26. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL PERMIT AND INSPECTIONS. ALL WORK IS SUBJECT TO FIELD INSPECTION.

27. ALL 15 AND 20 AMPS OUTLETS SHALL BE TAMPER RESISTANT PER NEC 406.12.

28. ALL SINGLE AND THREE PHASE RECEPTACLES IN COMMERCIAL KITCHEN SHALL BE GFCI PROTECTED, PER NEC 210.8(B).

29. PROVIDE SHUNT TRIP BREAKER FOR ALL ELECTRICAL CIRCUITS LOCATED UNDER KITCHEN HOOD. COORDINATE WITH KITCHEN DRAWING.

30. ALL KITCHEN EQUIPMENT BREAKER SIZES, WIRE SIZES AND NUMBERS SHALL BE COORDINATE WITH KITCHEN CONSULTANT PRIOR TO ROUGH~INS.

31. FUNCTIONAL TESTING OF LIGHTING CONTROL DEVICES AND LIGHTING CONTROL SYSTEMS SHALL BE CONDUCTED BY LIGHTING CONTROL MANUFACTURER TECHNICIAN TO ENSURE CONTORL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITIONS IN ACCORDANCE WITH THESE DRAWINGS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS PER ENERGY CODE.

## ELECTRICAL ABBREVIATIONS

| ABBREVIATION | DESCRIPTION |
|---|---|
| A | AMPS. |
| AFF | ABOVE FINISHED FLOOR |
| CB | BRANCH CIRCUIT BREAKER |
| DED | DEDICATED RECEPTACLE |
| DW | DISH WASHER |
| E, EX, (E) | EXISTING |
| ER, (ER) | EXISTING TO BE RELOCATED |
| EWC | ELECTRICAL WATER COOLER |
| FSS | FUSED SAFETY SWITCH |
| GEN | GENERAL RECEPTACLE |
| GD | GARBAGE DISPOSER |
| HP | HORSEPOWER |
| KW | KILOWATTS |
| MCB | MAIN CIRCUIT BREAKER |
| MLO | MAIN LUGS ONLY |
| MW | MICROWAVE |
| N, (N) | NEW |
| NAC | NOTIFICATION APPLIANCE CONTROL PANEL |
| NF | NON FUSED (SAFETY SWITCH) |
| PH OR ø | PHASE |
| R | EXISTING RELOCATED |
| RE, (RE) | REMOVE EXISTING |
| RECEPT | RECEPTACLE |
| UON | UNLESS OTHERWISE NOTED |
| V | VOLTS |
| WP | WEATHERPROOF |
| T, XFMR | TRANSFORMER |

## ELECTRICAL SYMBOLS

| SYMBOL | DESCRIPTION |
|---|---|
| (1) | INDICATES A DRAWING NOTE. |
| # | INDICATES A ROOM NUMBER. |
| | 120/208V PANELBOARD. |
| | 277/480V PANELBOARD. |
| T | DRY TYPE TRANSFORMER: SIZE AS NOTED ON SCHEDULE OR DRAWING |
| | CONDUIT UP. |
| | CONDUIT DOWN. |
| | EMERGENCY GENERATOR CIRCUIT WIRING. |
| #C | BRANCH CIRCUIT HOMERUN TO PANELBOARD. ARROWS INDICATE NUMBER OF CIRCUIT HOMERUNS TO PANELBOARD. CROSS MARKS INDICATE NUMBER OF CONDUCTORS WHEN MORE THAN THREE (3). TICK MARK INDICATES GROUND CONDUCTOR. PROVIDE EQUIPMENT GROUND PER N.E.C. WHERE NOT INDICATED. |
| #10 | BRANCH CIRCUIT WIRING CONCEALED IN CEILING OR WALLS. CROSS MARKS AND NUMERALS INDICATE NUMBER AND SIZE OF CONDUCTORS RESPECTIVELY. 3~#12 A.W.G. NOT NOTED. PROVIDE EQUIPMENT GROUND PER N.E.C. |
| | GROUND CONNECTION. |
| | DUPLEX RECEPTACLE: 20A~125V~2P, 3W. MOUNTING HEIGHT +18" A.F.F. UNLESS OTHERWISE NOTED. SUBSCRIPTS ADJACENT TO RECEPTACLE SYMBOL INDICATE THE FOLLOWING:<br>GFI ~ INDICATES GROUND FAULT INTERRUPTED RECEPTACLE<br>+44" ~ DISTANCE MOUNTED FROM FLOOR<br>USB ~ USB INTEGRATED OUTLETS. COORDINATE WITH ARCHITECT FOR RECEPTACLES USB PORTS REQUIREMENTS. |
| | QUAD RECEPTACLE WITH COMMON COVERPLATE. MOUNTING HGT. +18" A.F.F. UNLESS OTHERWISE NOTED. |
| | DUPLEX RECEPTACLE CONTROLLED BY LOCAL OCCUPANCY SENSOR. MOUNTING HGT. +18" A.F.F. UNLESS OTHERWISE NOTED. |
| | DOUBLE DUPLEX RECEPTACLE WITH COMMON COVERPLATE. 1 DUPLEX CONTROLLED BY LOCAL OCCUPANCY SENSOR DC ENERGY CODE, 1 DUPLEX CONSTANT HOT. MOUNTING HGT. +18" A.F.F. UNLESS OTHERWISE NOTED. |
| | CEILING MOUNTED RECEPTACLE |
| +48" | COMBINATION TELEPHONE/DATA OUTLET JUNCTION BOX. WALL MOUNTED +18"A.F.F U.O.N. CONTRACTOR TO PROVIDE SINGLE GANG RING WITH ONE PULL STRING. IN WALL WITH INSULATION PROVIDE (1) 3/4"C STUBBED ABOVE ACCESSIBLE CEILING. CABLING AND COVERPLATES ARE TO BE PROVIDED AND INSTALLED BY TENANT'S VENDOR. SUBSCRIPTS ADJACENT TO TELE/DATA SYMBOL INDICATE THE FOLLOWING:<br>+48" ~ DISTANCE MOUNTED FROM FLOOR |
| J J | JUNCTION BOX |
| $ | SINGLE POLE TOGGLE SWITCH. MOUNTING HEIGHT +48" A.F.F., U.O.N. SUBSCRIPTS AT SWITCH SYMBOL INDICATE THE FOLLOWING:<br>OS ~ WALL MOUNTED PASSIVE INFRARED (PIR) VACANCY SENSOR, SIMILAR TO ACUITY. VACANCY SWITCH SET FOR MANUAL ON.<br>OSD~ WALL MOUNTED PASSIVE INFRARED (PIR) 0~10V DIMMING VACANCY SENSOR, SIMILAR TO ACUITY. VACANCY SWITCH SET FOR MANUAL ON.<br>a,b,c ~ IDENTIFICATION OF LIGHTS CONTROLLED<br>LV ~ LOW VOLTAGE MOMENTARY SWITCH SIMILAR TO LEVITON.<br>D ~ LV 0~10V DIMMING SWITCH SIMILAR TO LEVITON.<br>$3~ 3 WAY SWITCH. |
| PS PS# | POWER PACK SIMILAR TO LEVITON OPP20~RD4 OR EQUAL<br># ~ REFERENCE NOTE NUMBER OF POWER PACK |
| M | CEILING MOUNTED OCCUPANCY/VACANCY SENSOR. |
| D | DAY LIGHT CEILING SENSOR |
| | MOTOR CONNECTION. NUMERAL INDICATES HORSEPOWER. |
| | MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION. |
| 60/50 | HEAVY DUTY SAFETY SWITCH. RATING AS NOTED. 60/50 INDICATES 60A SWITCH WITH 50A FUSES. 60/NF INDICATES 60A NON~FUSED SWITCH. POLES AND VOLTAGE AS REQUIRED. |
| | WALL OR CEILING MOUNTED EXIT LIGHT |
| F | FIRE ALARM MANUAL PULL STATION. |
| V 15 | FIRE ALARM VISUAL LIGHT, CEILING MTD OR WALL MTD +80" A.F.F.<br>15 ~ CANDELA, U.O.N. |
| AV 15 | COMBINATION FIRE ALARM AUDIO/VISUAL CEILING MTD OR WALL MTD +80" A.F.F.<br>15 ~ CANDELA, U.O.N. |
| R | RELAY FOR EMERGENCY LIGHTS.<br>PROVIDE EMERGENCY RELAY, CONNECT LIGHT FIXTURE TO NORMAL AND EMERGENCY CIRCUIT THRU EMERGENCY LIGHTING TRANSFER RELAY. |

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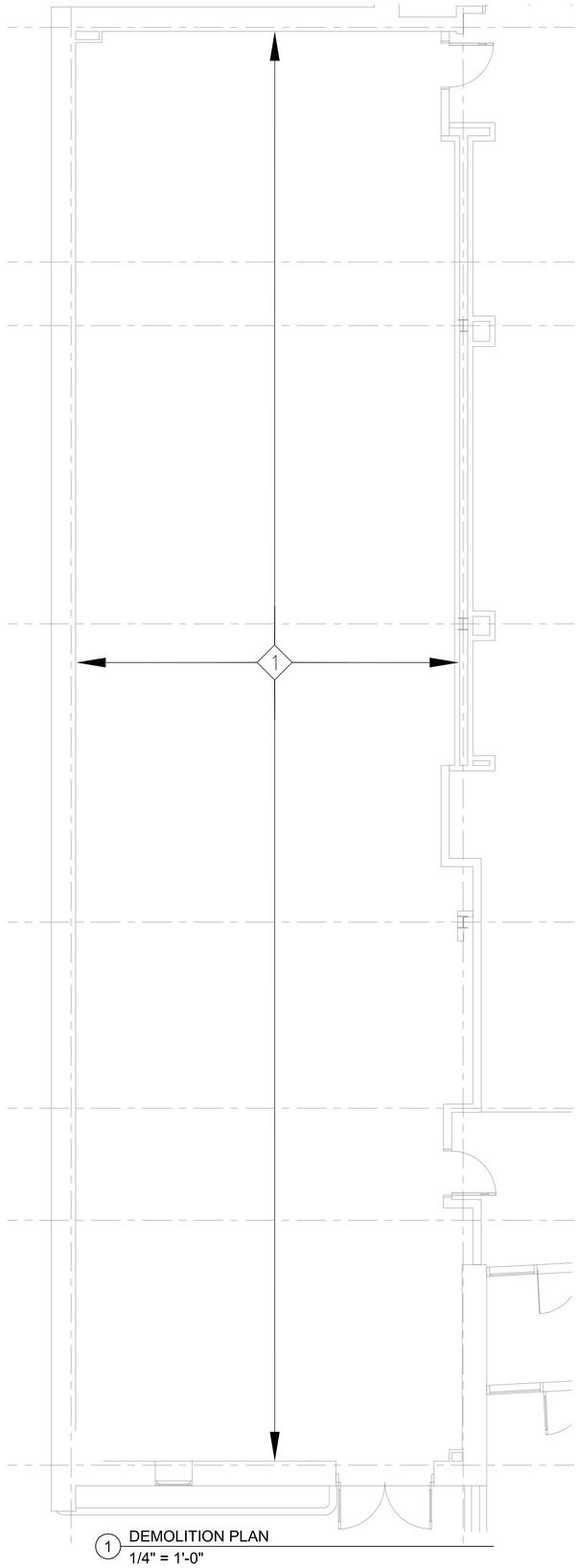
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KEY PLAN

N

PROGRESS SET

| | |
|---|---|
| DRAWING TYPE: ELECTRICAL | DRAWING TITLE: ELECTRICAL COVER SHEET |
| DRAWING DATE: OCTOBER 26, 2026 | DRAWING NUMBER: **E001** |
| DRAWING SCALE: As indicated | |




1 DEMOLITION PLAN
1/4" = 1'-0"

## ELECTRICAL DEMOLITION NOTES

1. REMOVE SUCH EXISTING WORK AS CALLED FOR ON ARCHITECTURAL DRAWINGS OR AS REQUIRED TO CLEAR THE AREA FOR NEW CONSTRUCTION.
2. EXCEPT AS OTHERWISE NOTED, ALL EXISTING ELECTRICAL WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED. OLD UNUSED WIRING, DEVICES AND BOXES SHALL BE REMOVED AND WALLS SHALL BE PATCHED. BOXES IN MASONRY WALL SHALL BE PROVIDED WITH BLANK COVERS.
3. MAINTAIN CONTINUITY OF THOSE FEEDER AND/OR BRANCH CIRCUITS SERVING MULTIPLE ITEMS OF WHICH ONE OR MORE ARE BEING REMOVED. CONDUCTORS AND CONDUITS FOR THOSE ITEMS BEING REMOVED SHALL BE DISCONNECTED AND REMOVED AS FAR AS PRACTICABLE.
4. WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE RELOCATED AND/OR RECONNECTED TO COORDINATE WITH THE WORK INDICATED ON THE CONTRACT DRAWINGS AND AS SPECIFIED.
5. WHEN EXISTING ELECTRICAL INSTALLATIONS, SUCH AS POWER, LIGHTING AND COMMUNICATION SYSTEMS, ARE AFFECTED BY THIS RENOVATION BUT MUST BE RETAINED TO SERVE UNRENOVATED AREAS, THEY SHALL BE REROUTED OR RECONNECTED AS REQUIRED TO ACCOMMODATE THE RENOVATION. PRIOR APPROVAL TO RELOCATE PORTION OF SUCH SYSTEMS SHALL BE COORDINATED WITH ARCHITECT OR OWNER.
6. REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND CONDUITS NOT REUSED OR NOT NECESSARY FOR THE COMPLETION OF THIS PROJECT.
7. ALL MAJOR EQUIPMENT REMOVED (SUCH AS LIGHTING FIXTURES) THAT IS NOT BEING REUSED SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE STORED OR DISPOSED AS DIRECTED.
8. ANY AND ALL ELECTRIC SERVICE TO BE REMOVED SHALL BE DEMOLISHED BACK TO POWER SOURCE, IN OTHER WORDS BACK TO THE BREAKER PANEL FEEDING IT.

## REFERENCE NOTES

◇1 REMOVE ALL EXISTING LIGHTING FIXTURES, LIGHT SWITCHES, EXIT SIGNS, RECEPTACLES, FIRE ALARM DEVICES, TELEPHONE/DATA OUTLETS, AND ASSOCIATED WIRING OR CONDUITS FROM THE SCOPE AREA UNLESS OTHERWISE NOTED OR WHERE SHOWN TO REMAIN ON THE NEW PLANS.

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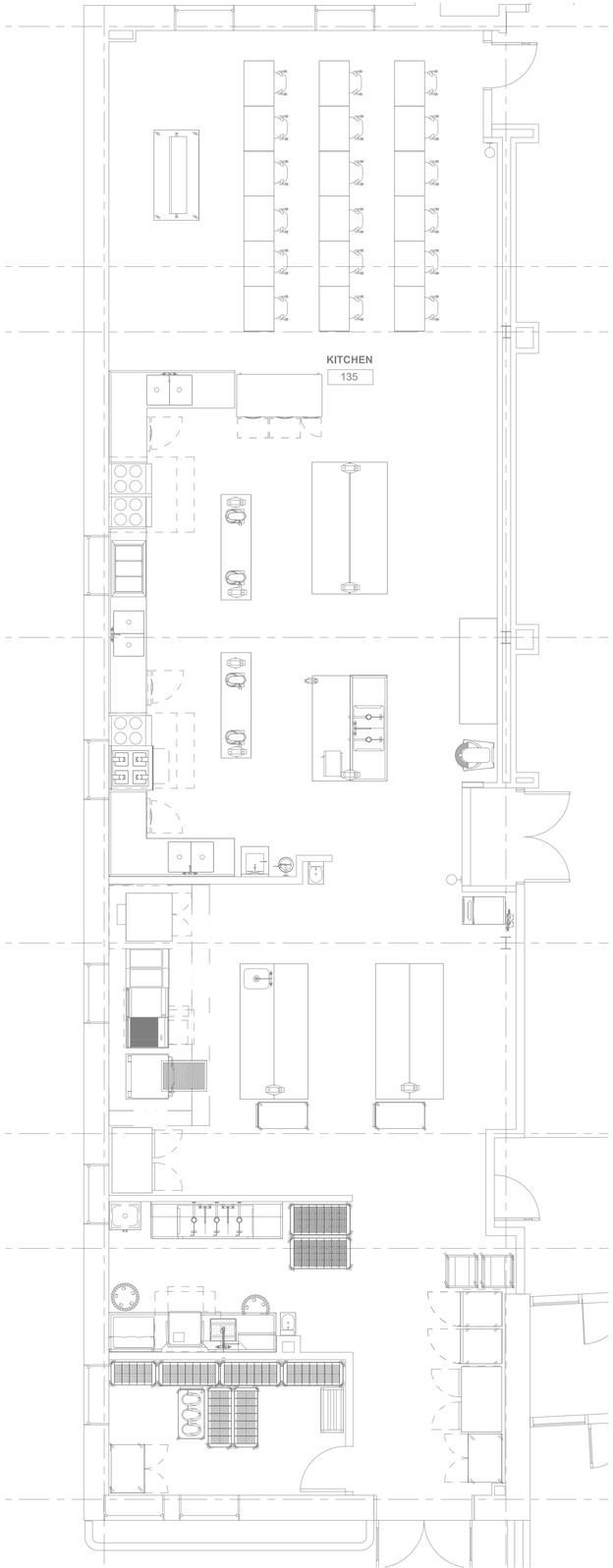
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KEY PLAN

N

PROGRESS SET

| | |
|---|---|
| DRAWING TYPE: ELECTRICAL | DRAWING TITLE: DEMOLITION PLAN |
| DRAWING DATE: OCTOBER 26, 2026 | DRAWING NUMBER: **E002** |
| DRAWING SCALE: As indicated | |




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

## SHEET NOTES

1. REFER TO ARCHITECTURAL PLANS, DETAILS AND ELEVATIONS FOR EXACT LOCATIONS, MOUNTING HEIGHTS, FINISHES AND ADDITIONAL INFORMATION FOR ALL ELECTRICAL DEVICES.
2. ELECTRICAL CONTRACTOR MAY UTILIZE EXISTING CIRCUIT BREAKERS MADE SPARE DUE TO DEMOLITION.
3. PROVIDE WIRE, CONDUITS RACEWAY, POWER PACKS ETC. ELECTRICAL CONTRACTOR TO VERIFY ALL INFORMATION INDICATED ON THIS PLAN, AND PROVIDE A COMPLETE FUNCTIONAL LIGHTING CONTROL SYSTEM.
4. CONNECT ALL EXIT LIGHT, AHEAD OF LIGHTING CONTROLLED SWITCH.
5. ALL POWER PACKS SHOULD BE LOCATED IN AN ACCESSIBLE CEILING. COORDINATE WITH ARCHITECT AND PROVIDE AN ACCESS PANEL IF REQUIRED.

## LIGHTING CONTROL COMMISSIONING NOTES

1. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING THE LIGHTING SYSTEM OR RETAIN MANUFACTURER OF THE CONTROL SYSTEM FOR COMMISSIONING OF THE LIGHTING CONTROL.
2. ALL ROOM WITH CEILING MOTION SENSOR SHALL BE AUTOMATICALLY SHUT OFF WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE AS PER ASHRAE 9.4.1.1(h).
3. OCCUPANT SENSOR CONTROLS IN NEW CORRIDORS SHALL UNIFORMLY REDUCE LIGHTING POWER TO AN UNOCCUPIED SETPOINT NOT MORE THAN 50 PERCENT OF FULL POWER WITHIN 20 MINUTES AFTER ALL OCCUPANTS HAVE LEFT THE SPACE.
4. FUNCTIONAL TESTING OF LIGHTING CONTROL DEVICES AND LIGHTING CONTROL SYSTEMS SHALL BE CONDUCTED BY LIGHTING CONTROL MANUFACTURER TECHNICIAN TO ENSURE CONTORL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITIONS IN ACCORDANCE WITH THESE DRAWINGS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS PER ENERGY CODE.

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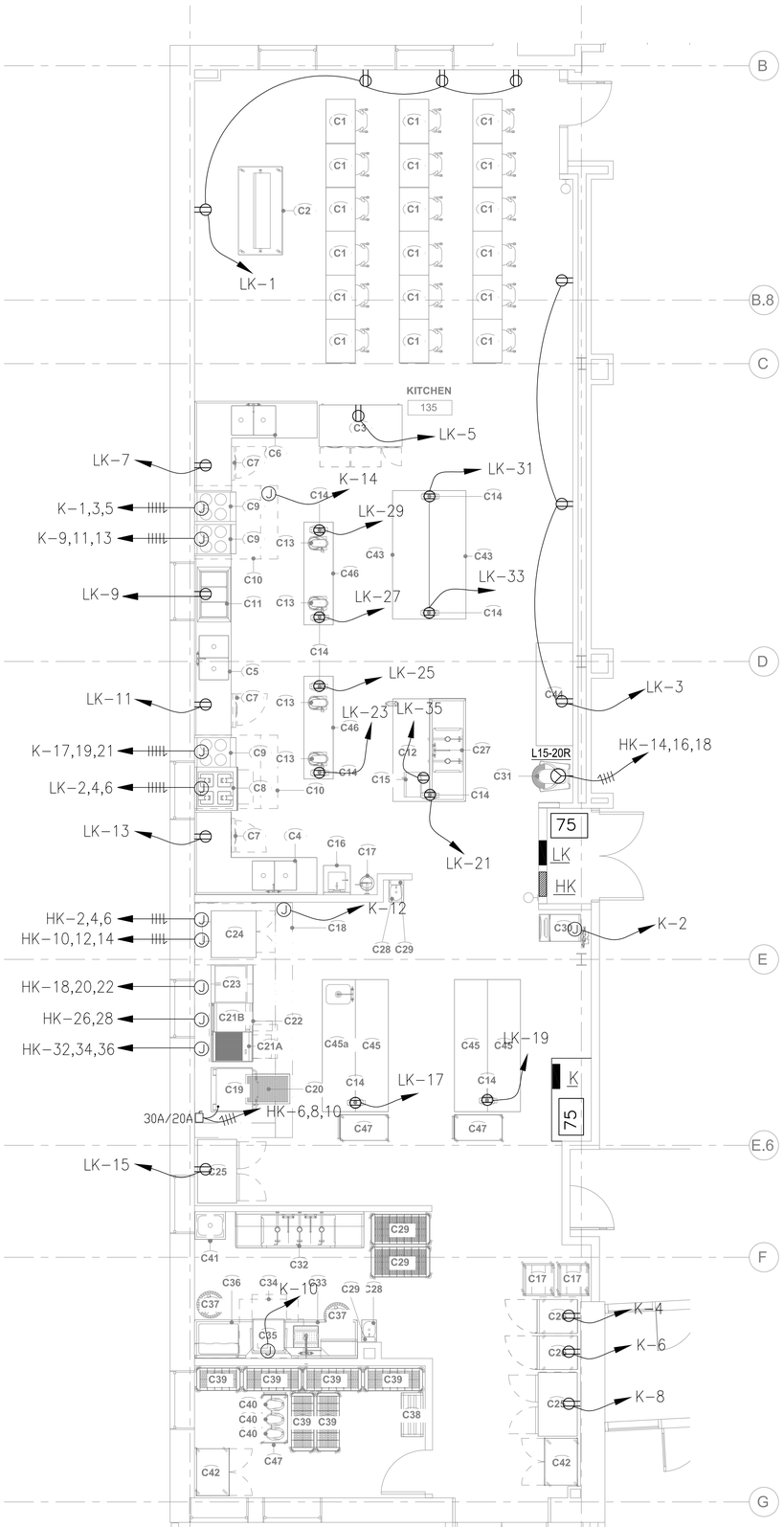
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KEY PLAN

N

PROGRESS SET

| DRAWING TYPE | DRAWING TITLE |
|---|---|
| ELECTRICAL | LIGHTING PLAN |
| DRAWING DATE | DRAWING NUMBER |
| OCTOBER 26, 2026 | **E003** |
| DRAWING SCALE | |
| As indicated | |




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

## SHEET NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND ADDITIONAL INFORMATION.
2. CONNECT KITCHEN HOOD TO FACP AND INDICATE ON FAAP.
3. ELECTRICAL CONTRACTOR TO PROVIDE FINAL CONNECTION FROM JUNCTION BOXES TO KITCHEN EQUIPMENT.
4. PROVIDE TWIST LOCK RECEPTACLES FOR ALL EQUIPMENT IN THE KITCHEN AREA.
5. ALL SINGLE PHASE RECEPTACLES, 50 AMP OR LESS AND THREE PHASE RECEPTACLES LESS THAN 100 AMP AND 150 VOLTS TO GROUND IN KITCHEN/ FOOD PREPARATION AREAS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER.
6. ALL 15 AND 20 AMPS., 125 AND 250 VOLT NON LOCKING TYPE RECEPTACLES SHALL BE TAMPER RESISTANT PER NEC 406.12.
7. CONTRACTOR SHALL COORDINATE WITH KITCHEN CONSULTANT DRAWINGS FOR KITCHEN PIROR TO ROUGH-IN AND ANY ADDITIONAL ELECTRICAL REQUIREMENTS UNDER THIS SCOPE OF WORK.
8. COORDINATE CIRCUIT BREAKER SIZE, WIRE SIZE AND NUMBER OF WIRES REQUIRED FOR ALL EQUIPMENT WITH KITCHEN CONSULTANT PRIOR TO ROUGH-INS.

## KITCHEN HOOD NOTES

1. INTERLOCK KITCHEN FIRE SUPPRESSION SYSTEM WITH KITCHEN HOOD FAN TO INITIATE EMERGENCY VENTILATION SYSTEM OPERATION (SHUTDOWN OR OTHERWISE) UPON ACTIVATION OF SUPPRESSION SYSTEM. COORDINATE REQUIREMENTS WITH THE COUNTY FIRE MARSHALL.
2. ALL SHUNT TRIP CIRCUIT BREAKERS WHICH FEED KITCHEN EQUIPMENT UNDER KITCHEN HOOD: SHALL BE CONNECTED TO KITCHEN FIRE SUPPRESSION SYSTEM AND SHALL BE DE-ENERGIZED UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM.

## EQUIPMENT SCHEDULE

| ITEM | QTY. | EQPMT. ON RFP* | DESCRIPTION | COMMENTS |
|---|---|---|---|---|
| C1 | 18 | | STUDENT STATION, MOBILE | |
| C2 | 1 | | DEMONSTRATION TABLE, MOBILE | W/MIRROR |
| C3 | 1 | j. | REFRIGERATED WORKTOP, MOBILE | |
| C4 | 1 | j. / n. | WORKCOUNTER | W/ UNDERNEATH STORAGE |
| C5 | 1 | j. / n. | WORKCOUNTER | W/ UNDERNEATH STORAGE |
| C6 | 1 | j. / n. | WORKCOUNTER | W/ UNDERNEATH STORAGE |
| C7 | 3 | g. | UNDERCOUNTER REFRIGERATOR, MOBILE | |
| C8 | 1 | a. | INDUCTION RANGE, MOBILE | W/ CONVECTION OVEN BASE; ADA-ACCESSIBLE |
| C9 | 3 | a. | INDUCTION RANGE, MOBILE | W/ CONVECTION OVEN BASE |
| C10 | 2 | m. | VENTILATOR | W/ FIRE SUPPRESSION SYSTEM |
| C11 | 1 | i. | COLD WELLS | DROP-IN; 3-WELL |
| C12 | 1 | i. / n. | WORKTABLE | W/ DRAWERS |
| C13 | 4 | q. | 5QT MIXER | COUNTERTOP UNIT |
| C14 | 9 | | RETRACTABLE CORD REEL | |
| C15 | 1 | p. | MICROWAVE OVEN | COUNTERTOP UNIT |
| C16 | 1 | k. | HAND SINK | ADA-COMPLIANT |
| C17 | 1 | k. | EYE WASH STATION | |
| C18 | 1 | m. | VENTILATOR | W/ FIRE SUPPRESSION SYSTEM |
| C19 | 1 | f. | TILT SKILLET, 30 GALLON | |
| C20 | 1 | | FLOOR TROUGH | |
| C21A | 1 | d. | CHARBROILER | COUNTERTOP UNIT |
| C21B | 1 | d. | GRIDDLE | COUNTERTOP UNIT |
| C22 | 1 | h. | FREEZER BASE, MOBILE | |
| C23 | 1 | c. | FRYER ASSEMBLY, MOBILE | |
| C24 | 1 | b. | CONVECTION OVEN, MOBILE | DOUBLE-DECK |
| C25 | 2 | g. | REACH-IN REFRIGERATOR, MOBILE | |
| C26 | 2 | h. | REACH-IN FREEZER, MOBILE | |
| C27 | 1 | k. | PREP SINK | W/ OVERSHELF |
| C28 | 2 | k. | HAND SINK | SPACE SAVER |
| C29 | 2 | k. | SOAP & TOWEL DISPENSER | (N.I.K.E.C.) - SPECIFIED BY ARCHITECT |
| C30 | 1 | e. | ICE MACHINE BIN | W/ WATER FILTER SYSTEM |
| C31 | 1 | q. | MIXER, 60-QT. | |
| C32 | 1 | k. | POT WASHING SINK | W/ OVERSHELF |
| C33 | 1 | l. | SOILED DISHTABLE | W/ GLASS RACK |
| C34 | 1 | m. | CONDENSATE CANOPY | |
| C35 | 1 | l. | DISHMACHINE | HIGH TEMP. W/BOOSTER HEATER |
| C36 | 1 | l. | CLEAN DISHTABLE | W/ OVERSHELF |
| C37 | 2 | | TRASH CONTAINER, MOBILE | |
| C38 | 1 | | WALK-IN COOLER/FREEZER | W/ AIR SHIELD; 9'-6" HEIGHT |
| C39 | 1 | | COOLER REFRIGERATION SYSTEM | LOCATED OUTDOORS ON ROOF |
| C40 | 1 | | FREEZER REFFRIGERATION SYSTEM | LOCATED OUTDOORS ON ROOF |
| C41 | 3 | n. | DUNNAGE RACK, MOBILE | |
| C42 | 18 | n. | SHELVING, MOBILE | |
| C43 | 3 | | MIXER, 5-QUART | |
| C44 | 1 | | MOP SINK CABINET | |
| C45 | 2 | n. | SECURITY UNIT, MOBILE | LOCKABLE |
| C46 | 1 | i. / n. | WORKTABLE | W/ DRAWERS |
| C47 | 1 | i. / n. | WORKTABLE | W/ DRAWERS |
| C48 | 4 | i. / n. | WORKTABLE | W/ DRAWERS; INTERLOCKED |
| C49 | 2 | i. / n. | WORKTABLE | (1) UNIT W/ BOLTED MANUAL CAN OPENER |
| C50 | 1 | | UTILITY CART, MOBILE | |

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KEY PLAN

N

PROGRESS SET

| | |
|---|---|
| DRAWING TYPE: ELECTRICAL | DRAWING TITLE: POWER PLAN |
| DRAWING DATE: OCTOBER 26, 2026 | DRAWING NUMBER: **E004** |
| DRAWING SCALE: As indicated | |

NEW PANEL

PANELBOARD HK — SURFACE MOUNTED — SYM. A.I.C. MIN.
CIRCUIT BREAKER TYPE – AMP.MAIN BREAKER W/ – AMP.TRIP
480/277 VOLTS 3 PHASE 4 WIRE 225 AMP.MAINS

| CKT NO. | TRIP AMPS | NO. POLE | LOAD SERVED | LOAD–V.A. A@ | LOAD–V.A. B@ | LOAD–V.A. C@ | CKT NO. | TRIP AMPS | NO. POLE | LOAD SERVED |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | SPARE – | | | | 2 | 20 | 3 | CONVENTION OVEN – |
| 3 | 20 | 1 | SPARE – | | | | 4 | | | |
| 5 | 20 | 1 | SPARE – | | | | 6 | | | |
| 7 | 20 | 1 | SPARE – | | | | 8 | | | SHUNT TRIP |
| 9 | 20 | 1 | SPARE – | | | | 10 | 20 | 3 | CONVENTION OVEN – |
| 11 | 20 | 1 | SPARE – | | | | 12 | | | |
| 13 | 20 | 1 | SPARE – | | | | 14 | | | |
| 15 | 20 | 1 | SPARE – | | | | 16 | | | SHUNT TRIP |
| 17 | 20 | 1 | SPARE – | | | | 18 | 40 | 3 | FRYER – |
| 19 | 20 | 1 | SPARE – | | | | 20 | | | |
| 21 | 20 | 1 | SPARE – | | | | 22 | | | SHUNT TRIP |
| 23 | 20 | 1 | SPARE – | | | | 24 | | | |
| 25 | 20 | 1 | SPARE – | | | | 26 | 20 | 3 | GRIDDLE – |
| 27 | 20 | 1 | SPARE – | | | | 28 | | | |
| 29 | 20 | 1 | SPARE – | | | | 30 | | | SHUNT TRIP |
| 31 | 125 | 3 | 75KVA XFMR – | | | | 32 | 20 | 3 | CHARBOILER – |
| 33 | | | | | | | 34 | | | |
| 35 | | | | | | | 36 | | | |
| 37 | 125 | 3 | 75KVA XFMR – | | | | 38 | | | SHUNT TRIP |
| 39 | | | | | | | 40 | 20 | 1 | SPARE – |
| 41 | | | | | | | 42 | 20 | 1 | SPARE – |

NEW PANEL

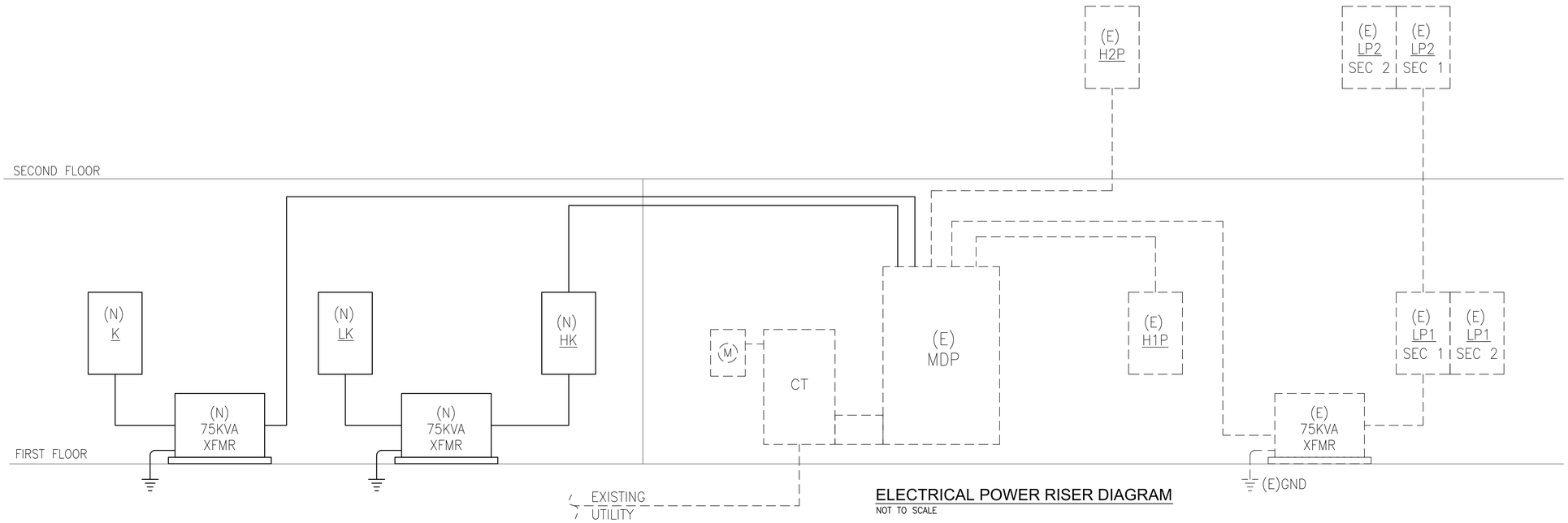
PANELBOARD LK — SURFACE MOUNTED 10K SYM. A.I.C. MIN.
CIRCUIT BREAKER TYPE – AMP.MAIN BREAKER W/ 250 AMP.TRIP
208/120 VOLTS 3 PHASE 4 WIRE 250 AMP.MAINS

| CKT NO. | TRIP AMPS | NO. POLE | LOAD SERVED | LOAD–V.A. A@ | LOAD–V.A. B@ | LOAD–V.A. C@ | CKT NO. | TRIP AMPS | NO. POLE | LOAD SERVED |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 1 | RECEPTACLES – | | | | 2 | 60 | 3 | INDUCTION RANGE – |
| 3 | 20 | 1 | RECEPTACLES – | | | | 4 | | | |
| 5 | 20 | 1 | REFEGERATED WORKTOP – | | | | 6 | | | |
| 7 | 20 | 1 | UC REF. – | | | | 8 | | | SHUNT TRIP |
| 9 | 20 | 1 | COLD WELL – | | | | 10 | 20 | 1 | SPARE – |
| 11 | 20 | 1 | UC REF. – | | | | 12 | 20 | 1 | SPARE – |
| 13 | 20 | 1 | UC REF. – | | | | 14 | 20 | 1 | SPARE – |
| 15 | 20 | 1 | REACH–IN REF. – | | | | 16 | 20 | 1 | SPARE – |
| 17 | 20 | 1 | RETRACTABLE CORD REEL – | | | | 18 | 20 | 1 | SPARE – |
| 19 | 20 | 1 | RETRACTABLE CORD REEL – | | | | 20 | 20 | 1 | SPARE – |
| 21 | 20 | 1 | RETRACTABLE CORD REEL – | | | | 22 | 20 | 1 | SPARE – |
| 23 | 20 | 1 | RETRACTABLE CORD REEL – | | | | 24 | 20 | 1 | SPARE – |
| 25 | 20 | 1 | RETRACTABLE CORD REEL – | | | | 26 | 20 | 1 | SPARE – |
| 27 | 20 | 1 | RETRACTABLE CORD REEL – | | | | 28 | 20 | 1 | SPARE – |
| 29 | 20 | 1 | RETRACTABLE CORD REEL – | | | | 30 | 20 | 1 | SPARE – |
| 31 | 20 | 1 | RETRACTABLE CORD REEL – | | | | 32 | 20 | 1 | SPARE – |
| 33 | 20 | 1 | RETRACTABLE CORD REEL – | | | | 34 | 20 | 1 | SPARE – |
| 35 | 20 | 1 | MICROWAVE OVEN – | | | | 36 | 20 | 1 | SPARE – |
| 37 | 20 | 1 | SPARE – | | | | 38 | 20 | 1 | SPARE – |
| 39 | 20 | 1 | SPARE – | | | | 40 | 20 | 1 | SPARE – |
| 41 | 20 | 1 | SPARE – | | | | 42 | 20 | 1 | SPARE – |

NEW PANEL

PANELBOARD K — SURFACE MOUNTED 10K SYM. A.I.C. MIN.
CIRCUIT BREAKER TYPE – AMP.MAIN BREAKER W/ – AMP.TRIP
208/120 VOLTS 3 PHASE 4 WIRE 250 AMP.MAINS

| CKT NO. | TRIP AMPS | NO. POLE | LOAD SERVED | LOAD–V.A. A@ | LOAD–V.A. B@ | LOAD–V.A. C@ | CKT NO. | TRIP AMPS | NO. POLE | LOAD SERVED |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 80 | 3 | INDUCTION RANGE – | | | | 2 | 20 | 1 | ICE MACHINE – |
| 3 | | | | | | | 4 | 20 | 1 | REACH–IN FREEZER – |
| 5 | | | | | | | 6 | 20 | 1 | REACH–IN FREEZER – |
| 7 | | | SHUNT TRIP | | | | 8 | 20 | 1 | REACH–IN REF. – |
| 9 | 80 | 3 | INDUCTION RANGE – | | | | 10 | 20 | 1 | SPARE – |
| 11 | | | | | | | 12 | 20 | 1 | SPARE – |
| 13 | | | | | | | 14 | 20 | 1 | SPARE – |
| 15 | | | SHUNT TRIP | | | | 16 | 20 | 1 | SPARE – |
| 17 | 80 | 3 | INDUCTION RANGE – | | | | 18 | 20 | 1 | SPARE – |
| 19 | | | | | | | 20 | 20 | 1 | SPARE – |
| 21 | | | | | | | 22 | 20 | 1 | SPARE – |
| 23 | | | SHUNT TRIP | | | | 24 | 20 | 1 | SPARE – |
| 25 | 20 | 1 | SPARE – | | | | 26 | 20 | 1 | SPARE – |
| 27 | 20 | 1 | SPARE – | | | | 28 | 20 | 1 | SPARE – |
| 29 | 20 | 1 | SPARE – | | | | 30 | 20 | 1 | SPARE – |
| 31 | 20 | 1 | SPARE – | | | | 32 | 20 | 1 | SPARE – |
| 33 | 20 | 1 | SPARE – | | | | 34 | 20 | 1 | SPARE – |
| 35 | 20 | 1 | SPARE – | | | | 36 | 20 | 1 | SPARE – |
| 37 | 20 | 1 | SPARE – | | | | 38 | 20 | 1 | SPARE – |
| 39 | 20 | 1 | SPARE – | | | | 40 | 20 | 1 | SPARE – |
| 41 | 20 | 1 | SPARE – | | | | 42 | 20 | 1 | SPARE – |




ELECTRICAL POWER RISER DIAGRAM
NOT TO SCALE

NOTES:

1) ALL DASHED EQUIPMENT AND WIRE IS EXISTING TO REMAIN.

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KEY PLAN

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PROGRESS SET

| | |
|---|---|
| DRAWING TYPE: ELECTRICAL | DRAWING TITLE: POWER RISER AND PANEL SCHEDULES |
| DRAWING DATE: OCTOBER 26, 2026 | DRAWING NUMBER: **E006** |
| DRAWING SCALE: As indicated | |