SECTION 26 00 00 - ELECTRICAL GENERAL REQUIREMENTS

PART 1 - GENERAL
1. THE TERM "TENANT," "TENANT'S CONSTRUCTION MANAGER," "OWNER," OR "OWNER'S CONSTRUCTION MANAGER" SHALL REFER TO SWEETGREEN.
2. THE GENERAL CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO PROVIDE A COMPLETE WORKING SYSTEM AND AS DESCRIBED IN THESE DRAWINGS.
3. THE GENERAL CONTRACTOR SHALL REVIEW A COMPLETE SET OF THE CONSTRUCTION DOCUMENTS. EACH SUB-CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF DRAWINGS ON SITE DURING THE CONSTRUCTION PROCESS.
4. COORDINATE WORK AS REQUIRED WITH THE LANDLORD. THE GENERAL CONTRACTOR SHALL UTILIZE LANDLORD-REQUIRED CONTRACTORS AT THE GENERAL CONTRACTOR'S EXPENSE.

PART 2 - PRODUCTS
1. PRODUCTS SHALL BE AS DESCRIBED IN THE DRAWINGS AND AS REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.

PART 3 - EXECUTION
1. UNLESS DIMENSIONS HAVE BEEN PROVIDED, THE DRAWINGS ARE DIAGRAMMATIC IN NATURE, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT AND REQUIRED EQUIPMENT. THEY SHALL NOT BE SCALED. COORDINATE WITH THE ARCHITECTURAL DRAWINGS, TENANT VENDORS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS AND CUTSHEETS AS REQUIRED.
2. COMPLETE ALL WORK IN COMPLIANCE WITH THE CODES LISTED ON SHEET G-001 INCLUDING ALL LOCAL AMENDMENTS, ALL RELEVANT NFPA CODES AND STANDARDS AND SMACNA STANDARDS.
   A. VERIFY ALL CODE REQUIREMENTS AND LOCAL AMENDMENTS WITH THE AUTHORITY HAVING JURISDICTION PRIOR TO BID.
   B. WHEN THERE IS A DISCREPANCY BETWEEN THE ADOPTED CODES AND THESE DRAWINGS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
3. COORDINATE WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND ARRANGE ALL INSPECTIONS AS REQUIRED.
4. MAINTAIN A CLEAN CONSTRUCTION SITE DURING CONSTRUCTION. CLEAN SCRAP MATERIALS REMOVE FROM SITE DAILY AND MAINTAIN WORKING AREA IN AN ORDERLY FASHION.
5. PROVIDE SUBMITTALS AS NOTED IN THESE SPECIFICATIONS AND AS REQUESTED BY THE TENANT'S CONSTRUCTION MANAGER.
   A. ALL SHOP DRAWINGS SHALL BE REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE TENANT'S CONSTRUCTION MANAGER.
   B. SHOP DRAWINGS SHALL BE SUBMITTED TO ALLOW FOR FIVE BUSINESS DAYS OF REVIEW TIME.
6. PROVIDE REQUESTS FOR INFORMATION TO THE TENANT'S CONSTRUCTION MANAGER.
   A. REQUESTS FOR INFORMATION SHALL PROVIDE A DETAILED DESCRIPTION OF THE SITE CONDITION OR DISCREPANCY AND THE CONTRACTORS PROPOSED REMEDY.
   B. REQUESTS FOR INFORMATION SHALL BE SUBMITTED TO ALLOW FOR FIVE BUSINESS DAYS OF REVIEW TIME.
7. UPON COMPLETION OF WORK, THE GENERAL CONTRACTOR SHALL PROVIDE THE TENANT'S CONSTRUCTION MANAGER WITH A BOUND RECORD OF ALL ELECTRICAL EQUIPMENT UTILIZED IN THE JOB. THE GENERAL CONTRACTOR SHALL PROVIDE THE SAME INFORMATION ON A COMPACT DISC. THE BINDER SHALL CONTAIN:
   A. COVER SHEET INDICATING THE PROJECT NAME, ADDRESS AND TURNOVER DATE.
   B. COMPANY NAME AND CONTACT INFORMATION OF THE CONTRACTORS UTILIZED FOR THE ELECTRICAL SCOPE OF WORK.
   C. CUTSHEETS, INSTALLATION MANUALS AND MAINTENANCE REQUIREMENTS FOR ALL ELECTRICAL EQUIPMENT.
8. UPON COMPLETION OF WORK, THE GENERAL CONTRACTOR SHALL PROVIDE THE TENANT'S CONSTRUCTION MANAGER A FULL SET OF DRAWINGS WITH ANY DEVIATIONS FROM THE DRAWINGS INDICATED IN RED INK.

(END OF SECTION 26 00 00)

SECTION 26 05 19 - LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES

PART 1 - GENERAL
1. SECTION REQUIREMENTS
   A. ALL CONDUCTORS SHALL BE COPPER. ALUMINUM CONDUCTORS ARE NOT PERMITTED UNLESS NOTED OTHERWISE.
   B. SUBMITTALS: NONE REQUIRED.

PART 2 - PRODUCTS
1. COPPER BUILDING WIRE SHALL BE FLEXIBLE, INSULATED, DRAWN COPPER CURRENT-CARRYING CONDUCTOR WITH AN OVERALL INSULATION LAYER OR JACKET, OR BOTH, RATED 600V OR LESS, LISTED AND LABELED AS DEFINED IN NFPA 70.
2. METAL-CLAD CABLE, TYPE MC SHALL BE A FACTORY ASSEMBLY OF ONE OR MORE CURRENT-CARRYING INSULATED CONDUCTORS IN A METALLIC SHEATH, LISTED AND LABELED AS DEFINED IN NFPA 70.

PART 3 - EXECUTION
1. REFER TO THE MAIN DISTRIBUTION DIAGRAM FOR FEEDER CONDUCTOR AND INSULATION REQUIREMENTS.
2. REFER TO THE MATERIAL SCHEDULE FOR BRANCH CIRCUIT CONDUCTOR AND INSULATION REQUIREMENTS.
3. INSTALLATION OF CONDUCTORS AND CABLES
   A. CONCEAL CABLES IN FINISHED WALLS AND CEILINGS WHERE PRACTICAL. IN AREAS WITH EXPOSED CEILINGS, CONDUCTORS SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO WALLS AND BUILDING STRUCTURE.
   B. USE MANUFACTURER-APPROVED PULLING COMPOUND OR LUBRICANT WHERE NECESSARY. COMPOUND USED MUST NOT DETERIORATE CONDUCTOR OR INSULATION.
   C. USE PULLING MEANS THAT WILL NOT DAMAGE THE CABLES OR RACEWAY.
4. CONNECTIONS
   A. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS ACCORDING TO MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES.
   B. MAKE SPLICES, TERMINATIONS AND TAPS THAT ARE COMPATIBLE WITH CONDUCTOR MATERIAL. USE OXIDE INHIBITOR IN EACH SPLICE, TERMINATION AND TAP BETWEEN ALUMINUM AND COPPER.
   C. INSTALL CONDUCTOR AT EACH OUTLET AND SWITCH WITH AT LEAST 6 INCHES OF SLACK.
5. THE FOLLOWING COLOR CODE SHALL BE USED FOR ALL SECONDARY SERVICE, FEEDER AND BRANCH CIRCUIT CONDUCTORS:

	208/120V	480/277V
A. PHASE A	RED	BROWN
B. PHASE B	BLACK	YELLOW
C. PHASE C	BLUE	PURPLE
D. NEUTRAL	WHITE	GRAY
E. GROUND	GREEN	GREEN

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(END OF SECTION 26 05 19)

SECTION 26 05 26 - GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL
1. SUMMARY
   A. SECTION INCLUDES GROUNDING AND BONDING SYSTEMS AND EQUIPMENT. REQUIREMENTS OF THIS SECTION MAY BE SUPPLEMENTED IN SPECIAL CASES AS DESCRIBED IN OTHER SECTIONS.
2. QUALITY ASSURANCE
   A. TESTING AGENCY QUALIFICATIONS: CERTIFIED BY NETA

PART 2 - PRODUCTS
1. ELECTRICAL COMPONENTS, DEVICES AND ACCESSORIES SHALL BE LISTED AND LABELED AS DEFINED IN NFPA 70 AND MARKED FOR INTENDED LOCATION AND APPLICATION.
2. COMPLY WITH UL 467 FOR GROUNDING AND BONDING MATERIALS AND EQUIPMENT.
3. CONDUCTORS
   A. INSULATED CONDUCTORS: COPPER WIRE OR CABLE INSULATED FOR 600V UNLESS OTHERWISE REQUIRED BY APPLICABLE CODE OR AUTHORITIES HAVING JURISDICTION.
   B. BARE STEEL CONDUCTORS: SOLID CONDUCTORS SHALL COMPLY WITH ASTM B 3. STRANDED CONDUCTORS SHALL COMPLY WITH ASTM B 8.
4. CONNECTORS
   A. CONNECTORS SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING AGENCY ACCEPTABLE TO THE AUTHORITIES HAVING JURISDICTION.
   B. MECHANICAL TYPE BUS-BAR CONNECTORS SHALL BE CAST SILICON BRONZE, SOLDERLESS COMPRESSION TYPE WIRE TERMINALS.
   C. CABLE-TO-CABLE CONNECTORS SHALL BE COMPRESSION TYPE, COPPER OR COPPER ALLOY.
   D. CONDUIT HUBS SHALL BE MECHANICAL TYPE, TERMINAL WITH THREADED HUB.
5. GROUNDING ELECTRODES
   A. GROUND RODS SHALL BE COPPER-CLAD STEEL; 3/4 INCH BY 10 FEET.

PART 3 - EXECUTION
1. APPLICATIONS
   A. INSTALL SOLID CONDUCTOR FOR NO. #10 AWG AND SMALLER, AND STRANDED CONDUCTORS FOR NO #8 AWG AND LARGER UNLESS NOTED OTHERWISE.
   B. ISOLATED GROUNDING CONDUCTORS SHALL BE GREEN-COLORED INSULATION WITH CONTINUOUS YELLOW STRIPE.
   C. PIPE AND EQUIPMENT GROUNDING CONNECTOR TERMINATIONS SHALL BE WITH BOLTED CONNECTORS.
   D. CONNECTIONS TO GROUND RODS AT TEST WELLS SHALL BE WITH BOLTED CONNECTORS.
   E. CONNECTIONS TO STRUCTURAL STEEL SHALL BE WITH WELDED CONNECTORS.
2. SERVICE GROUNDING
   A. EQUIPMENT GROUNDING CONDUCTORS AND GROUNDING ELECTRODE CONDUCTORS SHALL BE CONNECTED TO THE GROUND BUS. INSTALL A MAIN BONDING JUMPER BETWEEN THE NEUTRAL AND GROUND BUSES.
3. EQUIPMENT GROUNDING
   A. INSTALL INSULATED EQUIPMENT GROUNDING CONDUCTORS WITH ALL FEEDERS AND BRANCH CIRCUITS IN ACCORDANCE WITH NFPA 70.
4. INSTALLATION
   A. ROUTE GROUNDING CONDUCTORS ALONG SHORTEST AND STRAIGHTEST PATHS POSSIBLE UNLESS OTHERWISE INDICATED OR REQUIRED BY CODE. AVOID OBSTRUCTING ACCESS OR PLACING CONDUCTORS WHERE THEY MAY BE SUBJECTED TO STRAIN, IMPACT OR DAMAGE.
   B. INSTALL GROUND RODS IN ACCORDANCE WITH NFPA 70 AND THE AUTHORITY HAVING JURISDICTION
   C. INSTALL BONDING STRAPS AND JUMPERS IN LOCATIONS ACCESSIBLE FOR INSPECTION AND MAINTENANCE.
   D. METAL WATER SERVICE PIPE (WHEN APPLICABLE): INSTALL INSULATED COPPER GROUNDING CONDUCTORS IN CONDUIT FROM BUILDING'S MAIN WATER SERVICE EQUIPMENT TO MAIN WATER SERVICE ENTRANCE TO THE BUILDING AND CONNECT TO MAIN METAL WATER SERVICE PIPES.
   E. WATER METER PIPING (WHEN APPLICABLE): USE BRAIDED-TYPE BONDING JUMPERS TO ELECTRICALLY BYPASS WATER METER.
   F. BOND EACH ABOVE GROUND PORTION OF GAS PIPING SYSTEMS DOWNSTREAM FROM EQUIPMENT SHUTOFF VALVE.
5. CONNECTIONS
   A. MAKE CONNECTIONS SO POSSIBILITY OF GALVANIC ACTION OR ELECTROLYSIS IS MINIMIZED. SELECT CONNECTORS, CONNECTION HARDWARE, CONDUCTORS AND CONNECTION METHODS SO METALS IN DIRECT CONTACT ARE GALVANICALLY COMPATIBLE.
   B. COAT AND SEAL CONNECTIONS HAVING DISSIMILAR METALS WITH INERT MATERIAL TO PREVENT FUTURE PENETRATION OF MOISTURE TO CONTACT SURFACES.

(END OF SECTION 26 05 26)

SECTION 26 05 33 - RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL
1. SECTION REQUIREMENTS
   A. SUBMITTALS: NONE REQUIRED.

PART 2 - PRODUCTS
1. METAL CONDUIT
   A. ALL METAL CONDUIT SHALL BE LISTED, LABELED AND MARKED AS DEFINED IN NFPA 70 FOR THE INTENDED LOCATION AND APPLICATION.
   B. INTERMEDIATE METAL CONDUIT, ELECTRICAL METALLIC TUBING, METAL-CLAD CABLE, FLEXIBLE METAL CONDUIT AND LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL BE PERMITTED. REFER TO THE ELECTRICAL MATERIAL SCHEDULE FOR APPLICATIONS.
2. METAL FITTINGS
   A. ALL METAL FITTINGS SHALL BE LISTED, LABELED AND MARKED AS DEFINED IN NFPA 70 FOR THE INTENDED LOCATION AND APPLICATION.
   B. ALL METAL FITTINGS SHALL BE LISTED AND LABELED FOR THE TYPE OF CONDUIT.
   C. FITTINGS FOR EMT SHALL BE STEEL WITH A SETSCREW.
   D. EXPANSION FITTINGS SHALL COMPLY WITH UL 651, RATED FOR ENVIRONMENTAL CONDITIONS WHERE INSTALLED, AND INCLUDING FLEXIBLE EXTERNAL BONDING JUMPER.
3. METAL WIREWAYS AND AUXILIARY GUTTERS
   A. CONSTRUCTED OF SHEET METAL, COMPLYING WITH UL 870 AND NEMA 250, SIZED PER NFPA 70.
   B. INCLUDE COVERS, COUPLINGS, OFFSETS, ELBOWS, EXPANSION JOINTS, ADAPTERS, HOLD-DOWN STRAPS, END CAPS AND OTHER FITTINGS TO MATCH AND MATE WITH WIREWAYS FOR A COMPLETE SYSTEM.
   C. PROVIDED WITH MANUFACTURER'S STANDARD ENAMEL FINISH.
4. BOXES, ENCLOSURES AND CABINETS
   A. BOXES, ENCLOSURES AND CABINETS INSTALLED IN WET LOCATIONS SHALL BE LISTED FOR USE IN WET LOCATIONS.
   B. OUTLETS, DEVICE BOXES, PULL BOXES AND JUNCTION BOXES: CAST-METAL BOXES SHALL BE UTILIZED AT EXTERIOR, INTERIOR EXPOSED AND INTERIOR DAMP LOCATIONS. ALL OTHER LOCATIONS SHALL USE SHEET METAL BOXES.
   C. METAL FLOOR BOXES SHALL BE AS SPECIFIED ON THE PLANS.
5. CABINETS
   A. NEMA 250, TYPE 1 GALVANIZED STEEL BOX FINISHED INSIDE AND OUT WITH MANUFACTURER'S STANDARD ENAMEL.
   B. PROVIDE WITH HINGED DOOR WITH FLUSH LATCH AND CONCEALED HINGE.
   C. PROVIDE METAL BARRIERS TO SEPARATE WIRING OF DIFFERENT SYSTEMS AND VOLTAGES.

PART 3 - EXECUTION
1. COMPLY WITH NFPA 70 LIMITATIONS FOR TYPES OF RACEWAYS ALLOWED IN SPECIFIC APPLICATIONS.
2. REFER TO THE MATERIAL SCHEDULE FOR RACEWAY APPLICATIONS.
3. MINIMUM RACEWAY SIZE SHALL BE 3/4-INCH TRADE SIZE.
4. INSTALLATION
   A. DO NOT FASTEN CONDUITS ONTO THE BOTTOM SIDE OF METAL ROOF DECK, ATTACHED TO PIPING, DUCTWORK OR OTHER CONDUIT.
   B. KEEP RACEWAYS AT LEAST 6 INCHES AWAY FROM PARALLEL RUNS OF FLUES AND STEAM OR HOT WATER PIPING.
   C. COORDINATE INSTALLATION WITH WORK OF ALL OTHER TRADES. ACCOMMODATE HANGERS, INSULATION AND OTHER REQUIREMENTS AS REQUIRED.
   D. ARRANGE STUB-UPS SO CURVED PORTIONS OF BENDS ARE NOT VISIBLE ABOVE FINISHED SLAB.
   E. INSTALL NO MORE THAN THE EQUIVALENT OF THREE 90-DEGREE BENDS IN ANY CONDUIT RUN. WHERE MORE BENDS ARE REQUIRED IN A SINGLE RUN, A PULL BOX SHALL BE INSTALLED.
   F. CONCEAL CONDUIT WITHIN FINISHED WALLS, CEILINGS AND FLOORS UNLESS NOTED OTHERWISE. INSTALL EXPOSED CONDUITS PARALLEL OR PERPENDICULAR TO BUILDING LINES.
   G. APPLY LISTED COMPOUND TO THREADS OF RACEWAYS AND FITTINGS ON ALL JOINTS EXPOSED TO WET, DAMP OR OUTDOOR CONDITIONS. FOLLOW COMPOUND MANUFACTURER'S WRITTEN INSTRUCTIONS.
   H. USE INSULATING BUSHINGS TO PROTECT CONDUCTORS AT ALL RACEWAY TERMINATIONS SUBJECT TO MOISTURE OR VIBRATION.
   I. INSTALL PULL WIRES WHERE NOTED ON PLANS. USE POLYPROPYLENE OR MONOFILAMENT PLASTIC LINE WITH NOT LESS THAN 200 POUND TENSILE STRENGTH.
   J. INSTALL DEVICES TO SEAL RACEWAY INTERIORS AT ACCESSIBLE LOCATIONS. LOCATE SEALS SO NO FITTINGS OR BOXES ARE BETWEEN THE SEAL AND CHANGES OF ENVIRONMENT WHERE CONDUIT PASSES FROM WARM TO COLD CONDITIONS, SUCH AS THE BOUNDARIES OF REFRIGERATED SPACES, WHERE CONDUIT PASSES FROM THE INTERIOR TO EXTERIOR OF THE BUILDING AND WHERE REQUIRED BY NFPA 70.
   K. INSTALL EXPANSION FITTINGS AT ALL LOCATIONS WHERE CONDUITS CROSS BUILDING OR STRUCTURE EXPANSION JOINTS PER THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
   L. FASTEN JUNCTION AND PULL BOXES TO BUILDING STRUCTURE.

(END OF SECTION 26 05 33)

SECTION 26 22 13 - LOW-VOLTAGE DISTRIBUTION TRANSFORMERS

PART 1 - GENERAL
1. SUMMARY
   A. SECTION INCLUDES DISTRIBUTION, DRY-TYPE TRANSFORMERS WITH A NOMINAL PRIMARY AND SECONDARY RATING OF 600V AND LESS.
2. SECTION REQUIREMENTS
   A. SUBMITTALS: PROVIDE SHOP DRAWINGS INCLUDING RATED NAMEPLATE DATA, CAPACITIES, WEIGHTS, DIMENSIONS, MINIMUM CLEARANCES, INSTALLED DEVICES AND FEATURES AND THE PERFORMANCE FOR EACH TRANSFORMER.

PART 2 - PRODUCTS
1. DISTRIBUTION TRANSFORMERS
   A. PROVIDE A FACTORY-ASSEMBLED AND TESTED, AIR-COOLED TRANSFORMER FOR A 60-Hz SERVICE.
   B. COMPLY WITH NFPA 70.
   C. TRANSFORMERS SHALL COMPLY WITH DOE 2016 EFFICIENCY LEVELS AND SHALL BE MARKED AS SUCH.
   D. CORES SHALL BE ELECTRICAL GRADE, CONSTRUCTED OF NON-AGING SILICONE WITH HIGH PERMEABILITY AND LOW HYSTERESIS LOSSES. ONE LEG PER PHASE. CORE VOLUME SHALL ALLOW EFFICIENT TRANSFORMER OPERATION AT 10 PERCENT ABOVE THE NOMINAL TAP VOLTAGE. CORE SHALL BE GROUNDED TO THE ENCLOSURE.
   E. COILS SHALL BE CONSTRUCTED WITH CONTINUOUS ALUMINUM WINDINGS WITHOUT SPLICES, EXCEPT FOR TAPS.
   F. PROVIDE A VENTILATED ENCLOSURE.
   G. TAPS: TWO 2.5 PERCENT TAPS ABOVE AND FOUR 2.5 PERCENT TAPS BELOW NORMAL FULL CAPACITY.
   H. INSULATION CLASS: 220 DEGREE C; UL-COMPONENT RECOGNIZED INSULATION SYSTEM WITH A MAXIMUM OF 150 DEGREE C RISE ABOVE A 40 DEGREE C AMBIENT TEMPERATURE.
   I. GROUNDING: PROVIDE A GROUND-BAR KIT OR A GROUND BAR INSTALLED ON THE INSIDE OF THE TRANSFORMER ENCLOSURE.
   J. SOUND LEVELS: WHEN FACTORY TESTED ACCORDING TO IEEE STANDARDS, MAXIMUM SOUND LEVELS FOR TRANSFORMERS UP TO 50 KVA SHALL NOT EXCEED 45 DB. MAXIMUM SOUND LEVELS FOR TRANSFORMERS FROM 51 KVA TO 150 KVA SHALL NOT EXCEED 50 DB.

PART 3 - EXECUTION
1. EXAMINATION
   A. VERIFY THAT FIELD MEASUREMENTS ARE AS NEEDED TO MAINTAIN WORKING CLEARANCES AS REQUIRED BY NFPA 70 AND MANUFACTURER'S RECOMMENDATIONS.
2. INSTALLATION
   A. INSTALL TRANSFORMERS LEVEL AND PLUMB AS SHOWN ON THE DRAWINGS AND PER THE MANUFACTURER'S RECOMMENDATIONS.
3. CONNECTIONS
   A. GROUND AND CONNECT WIRING PER THE SPECIFICATIONS.
   B. PROVIDE FLEXIBLE CONNECTIONS AT ALL CONDUIT AND CONDUCTOR TERMINATIONS AND SUPPORTS TO ELIMINATE SOUND AND VIBRATION TRANSMISSION TO THE BUILDING STRUCTURE.

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(END OF SECTION 26 22 13)

SECTION 26 24 16 - PANELBOARDS

PART 1 - GENERAL
1. GENERAL REQUIREMENTS
   A. COMPLY WITH NEMA PB1 AND NFPA 70.
2. SECTION REQUIREMENTS
   A. SUBMITTALS: PROVIDE SHOP DRAWINGS INDICATING ENCLOSURE TYPE, MOUNTING, BUS CONFIGURATION, VOLTAGE RATING, CURRENT RATING, SHORT CIRCUIT CURRENT RATING AND BREAKER CONFIGURATION.

PART 2 - PRODUCTS
1. LIGHTING AND APPLIANCE BRANCH-CIRCUIT PANELBOARDS
   A. PROVIDE WITH FLUSH-MOUNTED OR SURFACE-MOUNTED (REFER TO PANELBOARD SCHEDULE), DEAD-FRONT CABINET.
   B. PROVIDE WITH HINGED FRONT COVER AND CONCEALED HINGES SECURED WITH FLUSH LATCH WITH TUMBLER LOCK; KEYED ALIKE.
   C. PHASE, NEUTRAL AND GROUND BUSSES SHALL BE ALUMINUM. √3
   D. CONDUCTOR CONNECTORS SHALL BE SUITABLE FOR USE WITH CONDUCTOR MATERIAL AND SIZES.
   E. PANELBOARD SHORT-CIRCUIT CURRENT RATING SHALL BE AS NOTED ON THE MAIN DISTRIBUTION DIAGRAM.
   F. BRANCH OVERCURRENT PROTECTIVE DEVICES SHALL BE BOLT-ON CIRCUIT BREAKERS, REPLACEABLE WITHOUT DISTURBING ADJACENT UNITS.
   G. CONTACTORS IN MAIN BUS SHALL BE NEMA ISC 2, CLASS A COMBINATION CONTACTORS.
   H. PANEL SHALL BE SQUARE-D TYPE NQ AND NF. EQUALS BY GENERAL ELECTRIC OR EATON.
2. MOLDED-CASE CIRCUIT BREAKERS
   A. COMPLY WITH UL 489 WITH INTERRUPTING CAPACITY AS REQUIRED TO SATISFY THE SHORT-CIRCUIT CURRENT AS NOTED ON THE MAIN DISTRIBUTION DIAGRAM.
   B. LINE-SIDE TERMINALS SHALL BE BOLTED TO THE BUSBAR.
   C. PROVIDE CIRCUIT BREAKER, APPROPRIATE FOR THE APPLICATION.
   D. SINGLE-HANDLE FOR MULTIPOLE CIRCUIT BREAKERS.
   E. PROVIDE TYPE SWD FOR REPETITIVE SWITCHING LIGHTING LOADS.
   F. PROVIDE TYPE HACR CIRCUIT BREAKERS FOR HEATING, AIR-CONDITIONING AND REFRIGERATING EQUIPMENT.
   G. BREAKERS SHALL BE BY THE SAME MANUFACTURER AS THE PANELBOARD.
3. IDENTIFICATION
   A. ALL PANELBOARDS SHALL INCLUDE THE MANUFACTURER'S LABELING, INCLUDING MANUFACTURER'S NAME, VOLTAGE, AMPERAGE, NUMBER OF PHASES AND NUMBER OF POLES.
   B. PROVIDE A TYPED CIRCUIT DIRECTORY INSIDE THE PANELBOARD DOOR MOUNTED IN A TRANSPARENT CARD HOLDER.

PART 3 - EXECUTION
1. INSTALLATION
   A. COORDINATE INSTALLATION OF PANELBOARDS WITH WORK OF OTHER TRADES. ENSURE NO FOREIGN SYSTEMS CONFLICT WITH DEDICATED ELECTRICAL AREAS AS NOTED IN NFPA 70.
   B. MOUNT PANELBOARD WITH TOP CIRCUIT BREAKER NO GREATER THAN 6'-0" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
   C. MOUNT RECESSED PANELBOARDS WITH FRONTS UNIFORMLY FLUSH WITH WALL AND MATING WITH BACK BOX.
   D. MAKE ALL CONNECTIONS TO THE PANELBOARDS ACCORDING TO THE MANUFACTURER'S PUBLISHED DATA, PER NFPA 70 AND IN ACCORDANCE WITH ALL UL LISTING REQUIREMENTS.
   E. STUB FOUR 1-INCH EMPTY CONDUITS FROM PANELBOARD INTO ACCESSIBLE CEILING SPACE AND CAP.
2. IDENTIFICATION
   A. CREATE A DIRECTORY TO INDICATE INSTALLED CIRCUIT LOADS. DIRECTORY SHALL BE TYPED. HAND WRITTEN DIRECTORIES SHALL NOT BE ACCEPTABLE.
   B. LABEL EACH PANELBOARD WITH A TYPED, SELF-ADHESIVE LABEL. HAND WRITTEN LABELS SHALL NOT BE ACCEPTABLE.
3. FIELD QUALITY CONTROL
   A. PERFORM VISUAL AND MECHANICAL INSPECTION FOR LOW-VOLTAGE AIR CIRCUIT BREAKERS STATED IN NETA ACCEPTANCE TESTING SPECIFICATION.

(END OF SECTION 26 24 16)

SECTION 26 27 26 - WIRING DEVICES

PART 1 - GENERAL
1. SECTION INCLUDES: STRAIGHT BLADE RECEPTACLES, ISOLATED GROUND RECEPTACLES, GFCI RECEPTACLES, SPECIAL RECEPTACLES AND SWITCHES.
2. SECTION REQUIREMENTS
   A. SUBMITTALS: NONE REQUIRED.

PART 2 - PRODUCTS
1. GENERAL
   A. WIRING DEVICES, COMPONENTS AND ACCESSORIES SHALL BE LISTED AND LABELED AS DEFINED IN NFPA 70 AND MARKED FOR INTENDED LOCATION AND APPLICATION.
   B. COMPLY WITH NFPA 70.
   C. MATCH PLUG CONFIGURATIONS WITH ALL OWNER (OR OWNER'S VENDOR) FURNISHED EQUIPMENT.
2. STRAIGHT BLADE RECEPTACLES
   A. 5-20R, 125V, 20A DECORA STYLE RECEPTACLE.
   B. PROVIDE TAMPER-RESISTANT RECEPTACLES IN ALL CUSTOMER-ACCESSIBLE AREAS.
   C. MANUFACTURED BY HUBBELL, LEVITON OR PASS & SEYMOUR/LEGRAND.
3. ISOLATED GROUND RECEPTACLES
   A. 5-20R, 125V, 20A DECORA STYLE RECEPTACLE.
   B. EQUIPMENT GROUNDING CONTACTS SHALL BE CONNECTED ONLY TO THE GREEN GROUNDING SCREW TERMINAL OF THE DEVICE AND WITH INHERENT ELECTRICAL ISOLATION FROM MOUNTING STRAP. ISOLATION SHALL BE INTEGRAL TO RECEPTACLE CONSTRUCTION AND NOT DEPENDENT ON REMOVABLE PARTS.
   C. MANUFACTURED BY HUBBELL, LEVITON OR PASS & SEYMOUR/LEGRAND.
4. GFCI RECEPTACLES
   A. 5-20R, 125V, 20A DECORA STYLE GFCI RECEPTACLE.
   B. PROVIDE TAMPER-RESISTANT RECEPTACLES IN ALL CUSTOMER ACCESSIBLE AREAS.
   C. MANUFACTURED BY HUBBELL, LEVITON OR PASS & SEYMOUR/LEGRAND.
5. SPECIAL RECEPTACLES
   A. RECEPTACLES NOT INDICATED ABOVE SHALL BE AS NOTED ON THE PLANS.
   B. WHERE NO MANUFACTURER IS SPECIFIED, PROVIDE HUBBELL, LEVITON OR PASS & SEYMOUR/LEGRAND.
6. SWITCHES
   A. 125V, 20A RATED UNLESS NOTED OTHERWISE.
   B. WHERE NO MANUFACTURER IS SPECIFIED, PROVIDE HUBBELL, LEVITON OR PASS & SEYMOUR/LEGRAND.

PART 3 - EXECUTION
1. INSTALLATION
   A. REFER TO THE MATERIAL SCHEDULE FOR DEVICE TYPE AND COLOR REQUIREMENTS.
   B. COMPLY WITH NECA 1, INCLUDING MOUNTING HEIGHTS UNLESS NOTED OTHERWISE.
   C. COORDINATE THE INSTALLATION OF WIRING DEVICES WITH OTHER TRADES. PROTECT INSTALLED DEVICES AND BOXES AS NECESSARY. DO NOT PLACE WALL FINISH MATERIALS OVER DEVICE BOXES.
   D. INSTALL WIRING DEVICES AFTER WALL PREPARATION, INCLUDING PAINTING IS COMPLETE.
   E. INSTALL DEVICES AND ASSEMBLIES PLUMB AND SECURE.
   F. UNLESS NOTED OTHERWISE MOUNT DEVICES FLUSH WITH LONG DIMENSION VERTICAL AND WITH GROUNDING TERMINAL OF RECEPTACLES ON TOP.
   G. GROUP ADJACENT SWITCHES UNDER SINGLE, MULTIGANG WALL PLATES.

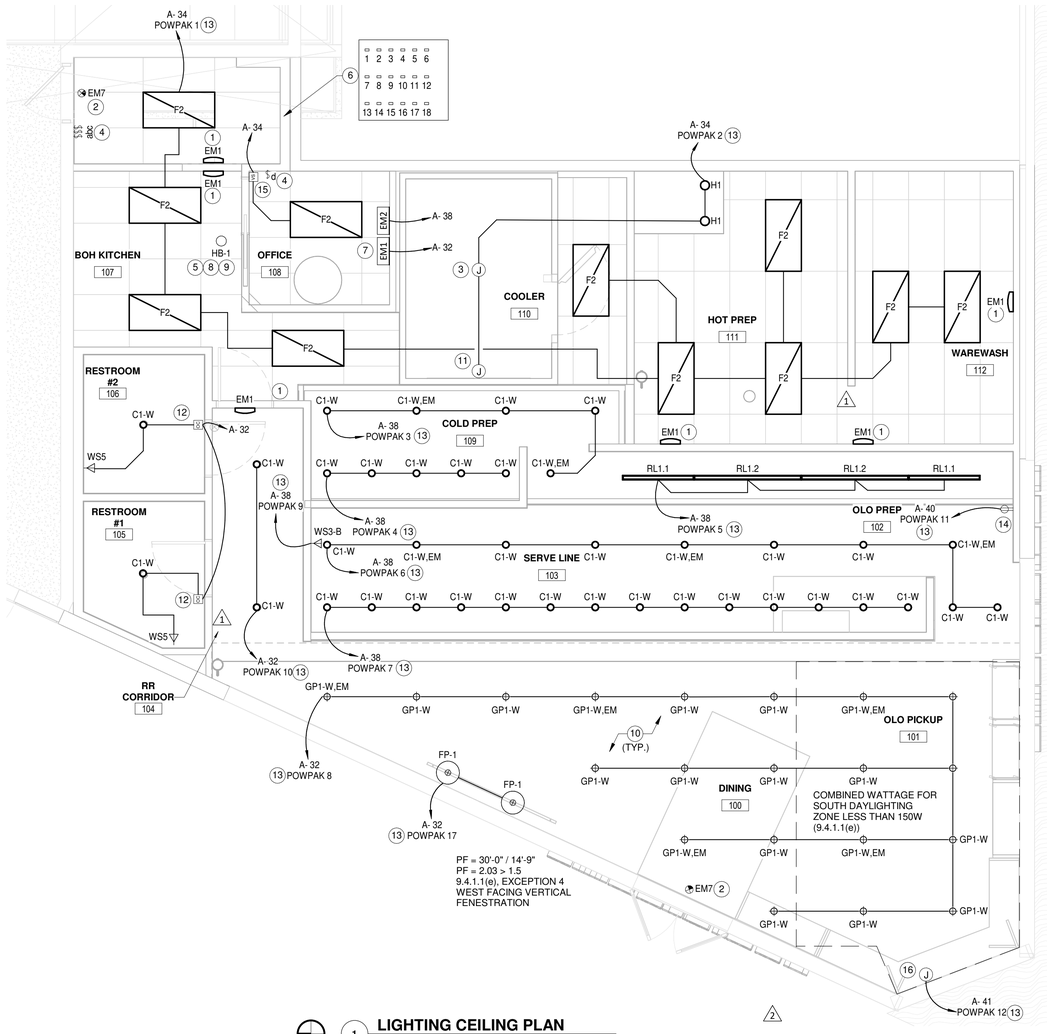
(END OF SECTION 26 27 26)

SECTION 26 28 16 - ENCLOSED SWITCHES

PART 1 - GENERAL
1. GENERAL REQUIREMENTS
   A. COMPLY WITH NFPA 70.
2. SECTION REQUIREMENTS
   A. SUBMITTALS: NONE REQUIRED.

PART 2 - PRODUCTS
1. GENERAL REQUIREMENTS
   A. THIS CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ROUGH-IN AND PURCHASING OF ALL ENCLOSED SWITCHES AND CIRCUIT BREAKERS. FIELD-VERIFY CLEARANCES AS REQUIRED IN NFPA 70.
2. FUSIBLE SWITCHES
   A. FUSIBLE SWITCHES SHALL BE HEAVY DUTY TYPE.
   B. SINGLE-THROW, THREE-POLE WITH VOLTAGES AND AMPACITY AS NOTED ON THE PLANS AND AS REQUIRED.
   C. UL 98 AND NEMA KS 1, HORSEPOWER RATED, WITH CLIPS OR BOLT PADS TO ACCOMMODATE INDICATED FUSES.
   D. PROVIDE WITH A LOCKABLE HANDLE, INTEGRAL TO THE BOX WITH CAPABILITY TO ACCEPT THREE PADLOCKS, AND INTERLOCKED WITH COVER IN CLOSED POSITION.
   E. PROVIDE A DUAL COVER INTERLOCK TO PREVENT UNAUTHORIZED OPENING OF THE SWITCH DOOR WHEN THE HANDLES ARE IN THE "ON POSITION."
   F. PROVIDE NEMA 1, GENERAL PURPOSE ENCLOSURE FOR SWITCHES LOCATED AT INDOOR LOCATIONS. PROVIDE NEMA 3R WEATHERPROOF ENCLOSURE FOR SWITCHES LOCATED AT OUTDOOR LOCATIONS.
   G. ENCLOSURES SHALL BE GRAY BAKED ENAMEL PAINT, ELECTRODEPOSITED ON CLEANED, PHOSPHATIZED STEEL.
   H. PROVIDE WITH EQUIPMENT GROUND KIT (WHERE REQUIRED), NEUTRAL KIT AND ISOLATED GROUND KIT (WHERE REQUIRED).
   I. PROVIDE CLASS R FUSES, SIZED AS NOTED ON THE PLANS. PROVIDE CLASS R FUSE KIT TO REJECT FUSES OTHER THAN TYPE R. THE SHORT CIRCUIT RATING OF THE SWITCHES SHALL BE 200,000 RMS SYMMETRICAL AMPS.
   J. LUGS SHALL BE MECHANICAL TYPE, SUITABLE FOR THE NUMBER, SIZE AND CONDUCTOR MATERIAL. LUGS SHALL BE UL LISTED FOR 75 DEGREES C.
   K. PROVIDE SERVICE-RATED SWITCHES ON ALL SERVICE ENTRANCE EQUIPMENT.
3. NONFUSIBLE SWITCHES
   A. NON-FUSIBLE SWITCHES SHALL BE HEAVY DUTY TYPE.
   B. SINGLE-THROW, THREE-POLE WITH VOLTAGES AND AMPACITY AS NOTED ON THE PLANS AND AS REQUIRED.
   C. UL 98 AND NEMA KS 1, HORSEPOWER RATED.
   D. PROVIDE WITH A LOCKABLE HANDLE, INTEGRAL TO THE BOX WITH CAPABILITY TO ACCEPT THREE PADLOCKS, AND INTERLOCKED WITH COVER IN CLOSED POSITION.
   E. PROVIDE A DUAL COVER INTERLOCK TO PREVENT UNAUTHORIZED OPENING OF THE SWITCH DOOR WHEN THE HANDLES ARE IN THE "ON POSITION."
   F. PROVIDE NEMA 1, GENERAL PURPOSE ENCLOSURE AT INDOOR LOCATIONS. PROVIDE NEMA 3R WEATHERPROOF ENCLOSURE FOR SWITCHES LOCATED AT OUTDOOR LOCATIONS.
   G. ENCLOSURES SHALL BE GRAY BAKED ENAMEL PAINT, ELECTRODEPOSITED ON CLEANED, PHOSPHATIZED STEEL.
   H. PROVIDE WITH EQUIPMENT GROUND KIT (WHERE REQUIRED), NEUTRAL KIT AND ISOLATED GROUND KIT (WHERE REQUIRED). ALL ACCESSORIES SHALL BE INTERNALLY MOUNTED, AND LABELED FOR THE INTENDED USE.
   I. LUGS SHALL BE MECHANICAL TYPE, SUITABLE FOR THE NUMBER, SIZE AND CONDUCTOR MATERIAL. LUGS SHALL BE UL LISTED FOR 75 DEGREES C.
   J. PROVIDE SERVICE-RATED SWITCHES ON ALL SERVICE ENTRANCE EQUIPMENT.

PART 3 - EXECUTION
1. INSTALLATION
   A. COORDINATE LAYOUT AND INSTALLATION OF SWITCHES AND COMPONENTS WITH EQUIPMENT SERVED AND ADJACENT SURFACES. MAINTAIN REQUIRED WORKSPACE CLEARANCES AND REQUIRED CLEARANCES TO MAINTAIN ACCESS TO AND FUNCTIONING OF EQU



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

NORTH

CODED NOTES

1. WALL MOUNT THE EMERGENCY LIGHT FIXTURE AT 6" BELOW THE CEILING UNLESS NOTED OTHERWISE. EMERGENCY LIGHTS SHALL BE CONNECTED THROUGH THE UNSWITCHED LEG OF THE LOCAL GENERAL LIGHTING CIRCUIT SERVING THE AREA TO PROVIDE CONTINUOUS EMERGENCY ILLUMINATION PER THE NEC.
2. EXIT SIGNS SHALL BE CONNECTED THROUGH THE UNSWITCHED LEG OF THE LOCAL GENERAL LIGHTING CIRCUIT SERVING THE AREA TO PROVIDE CONTINUOUS EMERGENCY ILLUMINATION PER THE NEC. VERIFY MOUNTING HEIGHT OF EXIT SIGN PRIOR TO ROUGH IN. EXIT SIGN MUST BE VISIBLE FROM AREA SERVED AFTER BUILDING SYSTEMS HAVE BEEN INSTALLED.
3. INSTALL LIGHT FIXTURES FURNISHED WITH THE WALK-IN COOLER. PROVIDE POWER THROUGH THE POWPAK INDICATED. PROVIDE WIRING TO THE WALK-IN COOLER LIGHTING J-BOX AND FROM J-BOX TO LIGHT FIXTURES. SEAL INTERIOR OF CONDUITS WHERE THEY PASS THROUGH THE WALK-IN COOLER ENVELOPE.
4. PROVIDE SWITCHES IN LOCATION SHOWN. SEE LIGHING CONTROL SCHEDULE FOR MANUFACTURER AND MODEL INFORMATION.
5. PROVIDE WIRELESS HUB RECESSED IN LAY-IN CEILING IN LOCATION SHOWN AND PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFER TO LIGHTING CONTROL SCHEDULE FOR MANUFACTURER AND MODEL INFORMATION.
6. PROVIDE POWPAK MODULES MOUNTED TO WALL ABOVE CEILING IN LOCATION SHOWN PER DETAIL 2/SHEET E-401. REFER TO POWPAK SCHEDULE FOR MODEL NUMBER.
7. PROVIDE LIGHTALARMS LMIU-250 EMERGENCY LIGHTING INVERTERS, EM1 AND EM2 ON WALL ABOVE CEILING IN LOCATION SHOWN. CONNECT TO CIRCUIT SHOWN. PROVIDE WIRING TO LIGHTS LABELED "EM" PER DETAIL 4/SHEET E-401. EACH INVERTER SHALL BE CAPABLE OF PROVIDING UP TO 125W OF LED LIGHT TO FIXTURES AT 100% LIGHT OUTPUT FOR 90 MINUTES.
8. REFER TO LUTRON SHOP DRAWINGS FOR WIRING DIAGRAMS AND SCHEMATICS.
9. COORDINATE COMMISSIONING WITH LUTRON NOT LESS THAN TWO WEEKS PRIOR TO FINAL INSTALLATION OF LIGHTING CONTROL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL BE ON SITE FOR THE DURATION OF THE LUTRON COMMISSIONING PROCESS.
10. COORDINATE THE ROUTING OF ALL EXPOSED CONDUIT WITH SWEETGREEN'S CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
11. COORDINATE INSTALLATION REQUIREMENTS OF THE COOLER WINDOW LIGHTING WITH THE EQUIPMENT PROVIDER PRIOR TO ROUGH-IN. REFER TO DETAIL 3/SHEET E-401.
12. PROVIDE WALL-MOUNTED OCCUPANCY SENSOR SWITCH (LUTRON MS-OPS2-WH) FOR CONTROL OF ROOM LIGHTING AS SHOWN. CIRCUIT AS INDICATED AND SET SWITCH TO TURN LIGHTING ON AUTOMATICALLY UPON OCCUPANTS ENTERING THE ROOM. DEVICE SHALL TURN ROOM LIGHTING OFF AFTER 15 MINUTES OF VACANCY.
13. EXTEND WIRING TO CIRCUIT SHOWN THROUGH THE POWPAK INDICATED.
14. PROVIDE A RECEPTACLE FOR THE OLO SIGNAGE. COORDINATE MOUNTING LOCATION AND ALL OTHER REQUIREMENTS WITH SWEETGREEN'S VENDOR PRIOR TO ROUGH-IN.
15. PROVIDE WALL-MOUNTED VACANCY SENSOR SWITCH (LUTRON MS-OPS2-WH) FOR CONTROL OF ROOM LIGHTING AS SHOWN. CIRCUIT AS INDICATED AND SET SWITCH TO MANUAL ON / AUTOMATIC OFF OPERATION. DEVICE SHALL TURN ROOM LIGHTING OFF AFTER 15 MINUTES OF VACANCY.
16. PROVIDE POWER TO A JUNCTION BOX FOR WINDOW SIGNAGE. COORDINATE ALL REQUIREMENTS WITH SWEETGREEN'S VENDOR PRIOR TO ROUGH-IN.

SYMBOLS & ABBREVIATIONS

LIGHTING SYMBOLS

- CONDUIT CONCEALED ABOVE THE CEILING, IN A WALL, OR IN A RACEWAY
- CONDUIT CONCEALED BELOW THE SLAB
- A-6 — HOME-RUN TO PANELBOARD AND CIRCUIT NUMBER SHOWN
- (X) — PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
- JUNCTION BOX
- ELECTRIC PANELBOARD
- $ — LIGHT SWITCH. SEE SCHEDULES FOR MAKE/MODEL
- OUTDOOR PHOTOCELL
- OC — WALL-MOUNTED OCCUPANCY SENSOR
- VS — WALL-MOUNTED VACANCY SENSOR

LIGHTING ABBREVIATIONS

(E)	EXISTING
(R)	RELOCATED
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
C	CONDUIT
EM	EMERGENCY
G	GROUND
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPT
IG	ISOLATED GROUND
JB	JUNCTION BOX
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
NL	NIGHT LIGHT
S	SURFACE MOUNTED
TLS	TENANT'S LIGHTING SUPPLIER
UNO	UNLESS NOTED OTHERWISE
WP	WEATHERPROOF

sg

sweetgreen
3101 W. EXPOSITION BLVD.
LOS ANGELES, CALIFORNIA 90018

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EVERJ ENGINEERING, INC.
1509 BUCK TRAIL LANE
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www.everjengineering.com
TX ENGINEERING FIRM F-22980

STAMP:

CONSTRUCTION ISSUE SET

07/24/2022

PROJECT INFORMATION:
MUELLER

PROJECT INFORMATION:
1900 ALDRICH ST.
SUITE 140
AUSTIN, TX 78723

DRAWN BY:	JAE
CHECKED BY:	MK
PROJECT MANAGER:	JAE
SG DESIGN MANAGER:	LG
SG CONSTR. MANAGER:	KZ
PROJECT NO:	210005
TEMPLATE VERSION:	12/21/2021

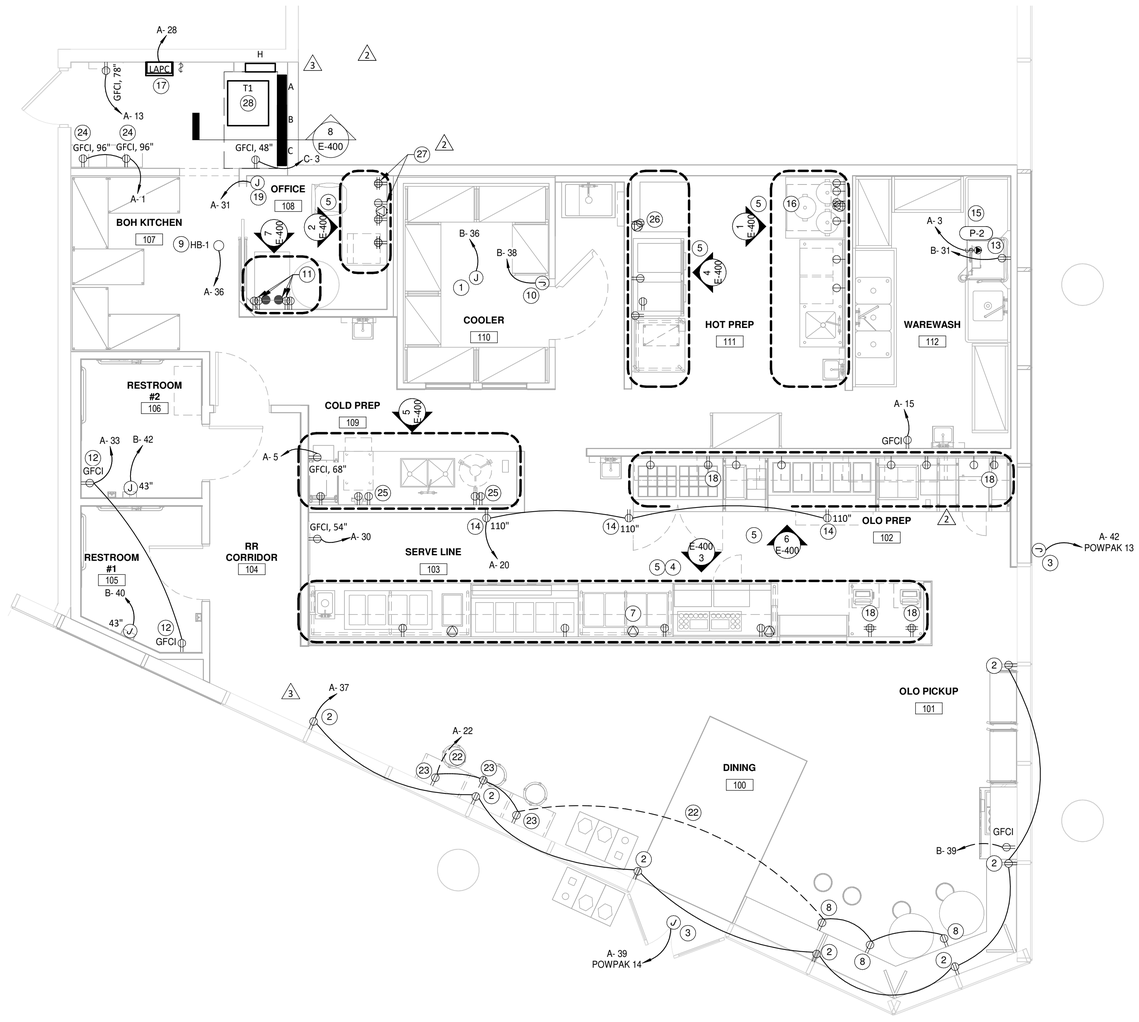
REVISIONS

REV.	DATE	DESCRIPTION
1	05/05/22	LANDLORD COMMENTS
2	05/20/22	PLAN REVIEW COMMENTS

ELECTRICAL LIGHTING PLAN

E-100

7/24/2022 9:13:06 AM



NORTH

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

CODED NOTES

1. PROVIDE POWER FOR WALK-IN COOLER EVAPORATOR FAN. COORDINATE REQUIREMENTS WITH THE KITCHEN EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
2. SHOW ROOM WINDOW RECEPTACLE. COORDINATE EXACT RECEPTACLE MOUNTING HEIGHT IN THE FIELD. LOCATION SHALL BE IN THE DRYWALL NO GREATER THAN 18" ABOVE THE MAIN STORE-FRONT WINDOW. RECEPTACLES SHALL BE ALLIGNED WITH MULLIONS OR CENTERED ON PANES.
3. JUNCTION BOX FOR EXTERIOR SIGN LIGHTING. COORDINATE EXACT LOCATION WITH ARCHITECT, OWNER'S REPRESENTATIVE, AND THE SIGN INSTALLER (IF APPLICABLE) PRIOR TO ROUGH-IN. CONNECT TO POWPAK AND CIRCUIT SHOWN. REFER TO THE POWPAK SCHEDULE ON SHEET E-300.
4. REFER TO EVI SHOP DRAWINGS FOR HORIZONTAL AND VERTICAL DIMENSIONS OF ALL SERVE LINE RECEPTACLES.
5. REFER TO ELEVATION ON SHEET E-400 FOR RECEPTACLE CIRCUIT DESIGNATIONS.
6. NOT USED.
7. PROVIDE 5' LONG CORD, AND NEMA L14-20P RECEPTACLE FOR THE HOT FOOD WELLS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
8. COORDINATE HEIGHT AND LOCATION OF THE CONVENIENCE RECEPTACLE WITH MILLWORK PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL ELEVATIONS FOR MORE INFORMATION.
9. PROVIDE POWER TO WIRELESS HUB POWER SUPPLY THROUGH CIRCUIT SHOWN. EXTEND 24V WIRING FROM POWER SUPPLY TO WIRELESS HUB PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
10. PROVIDE POWER CONNECTION FOR AIR-DOOR, WINDOW WARMER, AND ALL COOLER ACCESSORIES. COORDINATE ALL REQUIREMENTS WITH THE KITCHEN EQUIPMENT SUPPLIER PRIOR TO BID.
11. PROVIDE TWO DUPLEX RECEPTACLES IN A COMMON JUNCTION BOX FOR THE IT RACK POWER. PROVIDE INDIVIDUAL CIRCUITS AS SHOWN IN THE ELEVATIONS ON SHEET E-400.
12. PROVIDE RECEPTACLE FOR LAVATORY CONTROL MODULE RECEPTACLE PER DETAIL 6/SHEET P-400.
13. PROVIDE TAYMAC MM510C. SINGLE-GANG VERTICAL WEATHERPROOF WHILE IN USE OUTLET COVER ON DISH MACHINE RECEPTACLE. NO SUBSTITUTES SHALL BE ACCEPTED.
14. POWER FOR THE DIGITAL MENU BOARDS SHALL BE CONCEALED BEHIND THE MENU BOARD. COORDINATE THE LOCATION AND MOUNTING HEIGHT WITH THE DISPLAY VENDOR PRIOR TO ROUGH-IN.
15. INTERLOCK PUMP, P-2 WITH DISHWASHER OPERATION SO THAT THE PUMP OPERATES WHEN THE DISHWASHER IS RUNNING AND THE WATER VALVE IS OPEN.
16. THE GENERAL CONTRACTOR SHALL PROVIDE 5' LONG CORD, AND AN ANGLED NEMA L6-15P PLUG FOR BLAST CHILLER PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
17. THE GENERAL CONTRACTOR SHALL INSTALL THE LAPC UNIT, FURNISHED BY SWEETGREEN ON THE OFFICE WALL IN LOCATION SHOWN. THE BOTTOM OF THE UNIT SHALL BE MOUNTED AT 6'-6" AFF. PROVIDE A NORMALLY-CLOSED SWITCH FOR REMOTE POWER OFF ON WALL AT 48" AFF AS SHOWN. INSTALL PER DETAIL 5/SHEET E-401 AND PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
18. PROVIDE POWER TO THE RECEPTACLES SERVING THE POS STATIONS AND THE OLO MONITORS THROUGH THE LAPC. REFER TO DETAIL 5/SHEET E-401 AND THE PANELBOARD SCHEDULES FOR MORE INFORMATION.
19. PROVIDE JUNCTION BOX 0'-6" BELOW THE FINISHED CEILING IN THE LOCATION SHOWN FOR THE SECURITY PANEL POWER SUPPLY. ONCE THE PANEL HAS BEEN PROVIDED BY THE SECURITY VENDOR, PROVIDE POWER CABLING AS REQUIRED AND MAKE CONNECTION. COORDINATE INSTALLATION LOCATION AND ALL OTHER REQUIREMENTS WITH THE SECURITY VENDOR PRIOR TO ROUGH-IN.
20. NOT USED.
21. NOT USED.
22. PROVIDE UNDER-SLAB WIRING FOR THE DEVICES AS SHOWN. COORDINATE PENETRATION LOCATIONS WITH THE MILLWORK VENDOR AND SITE CONDITIONS PRIOR TO ROUGH-IN.
23. PROVIDE RECEPTACLE MOUNTED TO THE STOREFRONT SEATING MILLWORK. COORDINATE MOUNTING LOCATION WITH THE MILLWORK VENDOR PRIOR TO ROUGH-IN.
24. COORDINATE THE WATER HEATER RECEPTACLE WITH THE PLUMBING ROUGH-IN'S PRIOR TO ROUGH-IN. RECEPTACLE SHALL BE MOUNTED SUCH THAT THE WATER HEATER CAN BE PLUGGED IN AND UNPLUGGED WITHOUT SHARP TURNS IN THE CORD.
25. PROVIDE RECEPTACLES LOCATED ABOVE THE COLD PREP SINK IN A HORIZONTAL ORIENTATION AT THE ELEVATION NOTED.
26. THE GENERAL CONTRACTOR SHALL PROVIDE A 5' LONG CORD AND NEMA 15-50P PLUG FOR THE COMBINATION OVEN PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
27. RECEPTACLES ON CIRCUIT A-26 SHALL BE AUTOMATICALLY CONTROLLED PER LIGHTING SEQUENCE OF OPERATIONS ON SHEET E-300.
28. TRANSFORMER T1 SHALL BE MOUNTED TO THE WALL AND FURNISHED WITH THE MANUFACTURER'S WALL BRACKETS AND OTHER ACCESSORIES REQUIRED TO SUPPORT THE TRANSFORMER.

SYMBOLS & ABBREVIATIONS

ELECTRICAL POWER SYMBOLS

- CONDUIT CONCEALED ABOVE THE CEILING, IN A WALL, OR IN A RACEWAY
- CONDUIT CONCEALED BELOW THE SLAB
- A-6 — HOME-RUN TO PANELBOARD AND CIRCUIT NUMBER SHOWN
- (X) — PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
- X/Y/Z — DISCONNECT SWITCH: X = SWITCH RATING; Y = FUSE SIZE (NF = NON-FUSED); Z = NUMBER OF POLES
- JUNCTION BOX
- ELECTRIC PANELBOARD
- $ — GENERAL PURPOSE 1-POLE SWITCH
- $WP — WEATHER-PROOF SWITCH
- NEMA 5-20R 1-PLEX RECEPTACLE
- NEMA 5-20R DUPLEX RECEPTACLE
- NEMA 5-20R DUPLEX RECEPTACLE WITH USB
- NEMA 5-20R DOUBLE-DUPLEX RECEPTACLES
- IG/GFI — NEMA 5-20R DUPLEX COMBINATION ISOLATED GROUND/GFI RECEPTACLE PASS & SEYMOUR MODEL#2095IGTRO
- OTHER RECEPTACLE - SEE PLAN FOR RATING AND TYPE

POWER ABBREVIATIONS

(E)	EXISTING
(R)	RELOCATED
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
C	CONDUIT
G	GROUND
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CURRENT INTERRUPT
IG	ISOLATED GROUND
JB	JUNCTION BOX
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
S	SURFACE MOUNTED
UNO	UNLESS NOTED OTHERWISE
WP	WEATHERPROOF

sg

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STAMP:

CONSTRUCTION ISSUE SET

07/24/2022

PROJECT INFORMATION:
MUELLER

PROJECT INFORMATION:
1900 ALDRICH ST.
SUITE 140
AUSTIN, TX 78723

DRAWN BY:	JAE
CHECKED BY:	MK
PROJECT MANAGER:	JAE
SG DESIGN MANAGER:	LG
SG CONSTR. MANAGER:	KZ
PROJECT NO:	210005

TEMPLATE VERSION: 12/21/2021

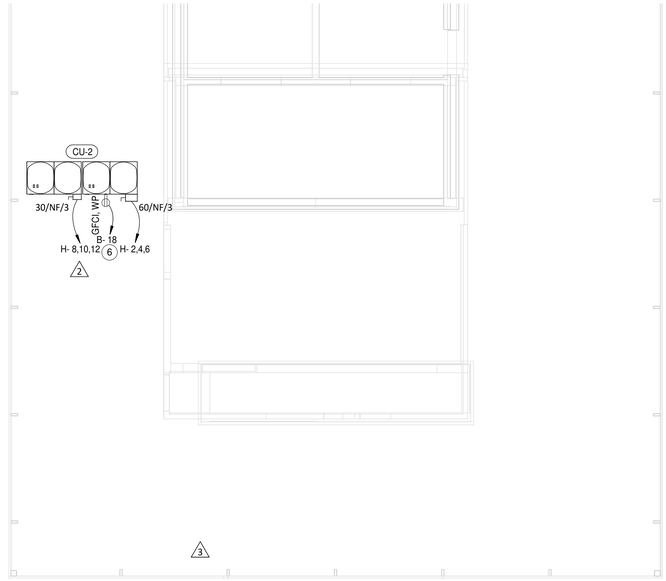
REVISIONS

REV.	DATE	DESCRIPTION
2	05/20/22	PLAN REVIEW COMMENTS
3	06/29/22	CLIENT CHANGES

ELECTRICAL POWER FLOOR PLAN

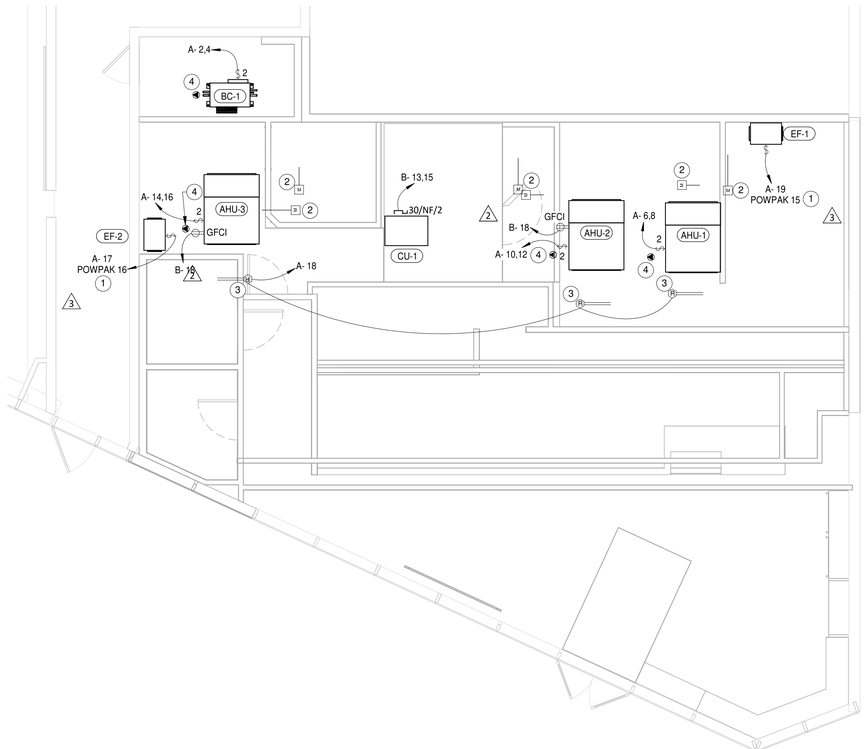
E-200

7/24/2022 9:13:10 AM



NORTH

2 **POWER ROOF PLAN**
3/16" = 1'-0"



NORTH

1 **MECHANICAL POWER PLAN**
3/16" = 1'-0"

CODED NOTES

1 CONNECT EQUIPMENT TO POWPAK AND CIRCUIT AS SHOWN. REFER TO THE POWPAK SCHEDULE ON SHEET E-300.
2 POWER FOR MOTORIZED DAMPERS SHALL BE OBTAINED FROM THEIR ASSOCIATED AIR HANDLING UNIT. COORDINATE ALL REQUIREMENTS WITH THE MECHANICAL CONTRACTOR AS REQUIRED.
3 THE GENERAL CONTRACTOR SHALL FURNISH A REME HALO AIR PURIFICATION SYSTEM AND REQUIRED TRANSFORMER PURCHASED THROUGH SWEETGREEN'S VENDOR (NATIONAL TAB). THE GENERAL CONTRACTOR SHALL PROVIDE POWER TO, AND INSTALL THE TRANSFORMER. THE GENERAL CONTRACTOR SHALL EXTEND CONDUIT AND CONDUCTORS FROM THE TRANSFORMER AND MAKE FINAL CONNECTION TO THE HALO UNIT. INTERLOCK UNIT OPERATION WITH SUPPLY AIR FAN OPERATION OF THE ASSOCIATED MECHANICAL UNIT. REFER TO THE MECHANICAL PLANS FOR MORE INFORMATION. INSTALL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4 CONDENSATE PUMP SHALL BE POWERED FROM THE ASSOCIATED EXISTING AIR HANDLING UNIT (PROVIDED BY THE LANDLORD). PROVIDE WIRING AND CONDUIT AS REQUIRED TO ACCOMMODATE THE FINAL INSTALLED LOCATION PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3 5 NOT USED.
6 THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL A GFCI RECEPTACLE IN A WEATHERPROOF ENCLOSURE MOUNTED TO THE CONDENSING UNIT. COORDINATE EXACT LOCATION AT TIME OF INSTALLATION SUCH THAT THE CONDENSING COIL IS NOT BLOCKED. 2

SYMBOLS & ABBREVIATIONS

ELECTRICAL POWER SYMBOLS

- CONDUIT CONCEALED ABOVE THE CEILING, IN A WALL, OR IN A RACEWAY
- CONDUIT CONCEALED BELOW THE SLAB
- A-6 — HOME-RUN TO PANELBOARD AND CIRCUIT NUMBER SHOWN
- (X) — PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
- X/Y/Z — DISCONNECT SWITCH: X = SWITCH RATING; Y = FUSE SIZE (NF = NON-FUSED); Z = NUMBER OF POLES
- JUNCTION BOX
- ELECTRIC PANELBOARD
- $ — GENERAL PURPOSE 1-POLE SWITCH
- $WP — WEATHER-PROOF SWITCH
- NEMA 5-20R 1-PLEX RECEPTACLE
- NEMA 5-20R DUPLEX RECEPTACLE
- NEMA 5-20R DUPLEX RECEPTACLE WITH USB
- NEMA 5-20R DOUBLE-DUPLEX RECEPTACLES
- IG/GFI — NEMA 5-20R DUPLEX COMBINATION ISOLATED GROUND/GFI RECEPTACLE PASS & SEYMOUR MODEL#2095IGTRO
- OTHER RECEPTACLE - SEE PLAN FOR RATING AND TYPE

POWER ABBREVIATIONS

(E)	EXISTING
(R)	RELOCATED
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
C	CONDUIT
G	GROUND
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CURRENT INTERRUPT
IG	ISOLATED GROUND
JB	JUNCTION BOX
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
S	SURFACE MOUNTED
UNO	UNLESS NOTED OTHERWISE
WP	WEATHERPROOF

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PROJECT NO:	210005

TEMPLATE VERSION: 12/21/2021

REVISIONS

REV.	DATE	DESCRIPTION
2	05/20/22	PLAN REVIEW COMMENTS
3	06/29/22	CLIENT CHANGES

ELECTRICAL POWER MECHANICAL PLANS

E-201

7/24/2022 9:13:14 AM

LUTRON
LIGHTING CONTROL SYSTEM INFORMATION

CONTACT SWEETGREEN'S LUTRON REPRESENTATIVE FOR SYSTEM INFORMATION AT:

YAN WIJAYA
(484)505-0973
YWIJAYA@LUTRON.COM

- THE LIGHTING CONTROLS SHALL BE FURNISHED BY SWEETGREEN'S LIGHTING VENDOR. CONTACT LUTRON PRIOR TO BID TO OBTAIN LIGHTING CONTROL DIAGRAMS AND DETAILS AS REQUIRED.

- ANY CHANGES OR VARIATION TO THE EQUIPMENT PACKAGE THAT WOULD AFFECT THE LIGHTING CONTROL EQUIPMENT PACKAGE SHOULD BE BROUGHT TO THE ATTENTION OF THE LUTRON TEAM AND THE ARCHITECT/ENGINEER.

LIGHTING SEQUENCE OF OPERATIONS

LIGHT SWITCHES a, b, c – THESE LIGHT SWITCHES SHALL PROVIDE A TWO-HOUR OVERRIDE FOR THE SWITCHED AREA TO THE CURRENT SCENES AS DESCRIBED BELOW.

LIGHT SWITCH d – SHALL BE A FOUR-BUTTON PICO SWITCH TO PROVIDE A TWO-HOUR OVERRIDE WITH THE FOLLOWING PROGRAMMED SCENES: CLOSED, PREP, OPEN AND EVENING.

INTERIOR AND EXTERIOR SIGNAGE SHALL BE CONTROLLED BY A TIMECLOCK AND SHALL BE PROVIDED WITH A 2-HOUR OVERRIDE WHEN THEIR SWITCH IS UTILIZED.

12:00 AM - 6:30AM – "CLOSED"
DURING THIS TIME, A TWO HOUR OVERRIDE INITIATED BY OCCUPANCY SENSOR DETECTION SHALL ACTIVATE THE "PREP" SCENE.

KITCHEN (POWPAK 1-7) -	50%
DINING ROOM (POWPAK 8-10, 17) -	50%
EXTERIOR SIGNAGE (POWPAK 13, 14) -	ON
NEON (POWPAK 11, 12) -	ON
EXHAUST FAN (POWPAK 15, 16) -	OFF
OFFICE RECEPACLES (POWPAK 18) -	OFF

6:30 AM - 10:00 AM – "PREP"

KITCHEN (POWPAK 1-7) -	50%
DINING ROOM (POWPAK 8-10, 17) -	50%
EXTERIOR SIGNAGE (POWAK 13, 14) -	ON
NEON (POWPAK 11, 12) -	ON
EXHAUST FAN (POWPAK 15, 16) -	ON
OFFICE RECEPACLES (POWPAK 18) -	ON

10:00 AM - 0:15 PRIOR TO SUNSET – "OPEN"

HALLWAY LIGHTING (POWPAK 10) –	75%
KITCHEN (POWPAK 1-7) -	50%
DINING ROOM (POWPAK 8-9, 17) -	50%
EXTERIOR SIGNAGE (POWPAK 13, 14) -	OFF
NEON (POWPAK 11, 12) -	ON
EXHAUST FAN (POWPAK 15, 16) -	ON
OFFICE RECEPACLES (POWPAK 18) -	ON

0:15 PRIOR TO SUNSET - 10:00 PM – "EVENING"

BACK OF HOUSE LIGHTING (POWPAK 1,2) –	50%
PREP LIGHTING (POWPAK 3-7) -	50%
DECORATIVE LIGHTING (POWPAK 9, 17) -	90%
DINING ROOM (POWPAK 8) -	65%
HALLWAY LIGHTING (POWPAK 10) –	50%
EXTERIOR SIGNAGE (POWPAK 13, 14) -	ON
NEON (POWPAK 11, 12) -	ON
EXHAUST FAN (POWPAK 15, 16) -	ON
OFFICE RECEPACLES (POWPAK 18) -	ON

10:00 PM - 12:00 AM "PREP"

KITCHEN (POWPAK 1-7) -	50%
DINING ROOM (POWPAK 8-10, 17) -	50%
EXTERIOR SIGNAGE (POWAK 13, 14) -	ON
NEON (POWPAK 11, 12) -	ON
EXHAUST FAN (POWPAK 15, 16) -	ON
OFFICE RECEPACLES (POWPAK 18) -	OFF

LIGHTING CONTROL SCHEDULE

TAG	SUPPLIER	INSTALLER	MANUFACTURER	MODEL
a	OWNER	GC	LUTRON	PJ2-3BRL-GWH-L01
b	OWNER	GC	LUTRON	PJ2-3BRL-GWH-L01
c	OWNER	GC	LUTRON	PJ2-3BRL-GWH-L01
d	OWNER	GC	LUTRON	PJ2-4B-GWH-EL2
HB-1	OWNER	GC	LUTRON	HJS-0-FM

EM1 CONNECTED LOAD

TAG	COUNT	WATTS
GP1-W	5	60
TOTAL CONNECTED WATTAGE		60

EM2 CONNECTED LOAD

TAG	COUNT	WATTS
C1-W	5	65
TOTAL CONNECTED WATTAGE		65

POWPAK SCHEDULE

TAG	SUPPLIER	INSTALLER	PANEL	CIRCUIT NUMBER	AREA SERVED	CONTROL	MANUFACTURER	MODEL	CONTROL TYPE	CONTROL SWITCH
1	OWNER	GC	A	34	BOH GENERAL LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-8T-DV-B	0-10V	a/d
2	OWNER	GC	A	34	WIC / HD2 LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-16R-DV-B	SWITCHED	d
3	OWNER	GC	A	38	COLD PREP GENERAL LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-8T-DV-B-EM	0-10V	b/d
4	OWNER	GC	A	38	COLD PREP WORKING LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-8T-DV-B	0-10V	b/d
5	OWNER	GC	A	38	OLO WORKING LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-8T-DV-B	0-10V	b/d
6	OWNER	GC	A	38	OLO/SERVE LINE GENERAL LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-8T-DV-B-EM	0-10V	b/d
7	OWNER	GC	A	38	SERVE LINE WORKING LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-8T-DV-B	0-10V	b/d
8	OWNER	GC	A	32	DINING ROOM GENERAL LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-8T-DV-B-EM	0-10V	c/d
9	OWNER	GC	A	38	LOCAL LIST LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-PNE-DV	PHASE	c/d
10	OWNER	GC	A	32	HALLWAY GENERAL LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-8T-DV-B-EM	0-10V	c/d
11	OWNER	GC	A	40	OLO SIGNAGE	MANUAL/TIMECLOCK	LUTRON	RMJS-16R-DV-B	SWITCHED	d
12	OWNER	GC	A	41	WINDOW NEON	MANUAL/TIMECLOCK	LUTRON	RMJS-PNE-DV	PHASE	d
13	OWNER	GC	A	42	STOREFRONT SIGNAGE	MANUAL/TIMECLOCK	LUTRON	RMJS-PNE-DV	PHASE	d
14	OWNER	GC	A	39	STOREFRONT SIGNAGE	MANUAL/TIMECLOCK	LUTRON	RMJS-PNE-DV	PHASE	d
15	OWNER	GC	A	19	EF-1	TIMECLOCK	LUTRON	RMJS-16R-DV-B	SWITCHED	d
16	OWNER	GC	A	17	EF-2	TIMECLOCK	LUTRON	RMJS-16R-DV-B	SWITCHED	d
17	OWNER	GC	A	32	DECORATIVE PENDANT LIGHTING	MANUAL/TIMECLOCK	LUTRON	RMJS-8T-DV-B	0-10V	c/d
18	OWNER	GC	A	26	OFFICE RECEPTACLES	TIMECLOCK	LUTRON	RMJS-16R-DV-B	SWITCHED	d

LIGHTING FIXTURE SCHEDULE

TAG	SUPPLIER	INSTALLER	MANUFACTURER	MODEL	LAMP(S)	MOUNTING	VOLTS	WATTS	DIMMING STYLE	DESCRIPTION	REMARKS
C1-W	OWNER	GC	HALO LIGHTING	H457TATE010 FRAME - EL406930 LIGHT ENGINE -TL410WH TRIM L110 SAND BLASTED LENS	INTEGRAL 3000K LED	GYPSUM BOARD	120	13.0	0-10V	4" LED RECESSED CAN LIGHT. NON IC RATED.	
EM1	OWNER	GC	LIGHTALARMS	LCAB-2SQLED	(2) LED HEADS WITH 200 LUMEN OUTPUT	SURFACE	120	7.2	NONE	THERMOPLASTIC EMERGENCY LIGHTING UNIT WITH 90 MINUTE NICAD BATTERY BACKUP. UL 924 COMPLIANT	
EM7	OWNER	GC	CONTECH	REXA-SF-G-EM-P	INTEGRAL LED	UNIVERSAL	120	3.0	NONE	EDGE LIT EXIT SIGN WITH STEEL HOUSING AND TRIM PLATE, GREEN LETTERS, CLEAR SINGLE FACE, UNIVERSAL MOUNTING, UNIVERSAL ARROWS 6" LETTERS AND 90 MINUTE BATTERY BACKUP. UL 924 COMPLIANT.	
F2	OWNER	GC	ABB LIGHTING	FLP-24-D-53W-30	INTEGRAL 3000K LED	LAY-IN	120	53.0	0-10V		
FP-1	OWNER	GC	SPECTRUM	GPRF1200LEDGV-15L-30K-DS10X-CM96-MW	INTEGRAL 3000K LED	PENDANT	120	10.0	0-10V	FEATURE PENDANT LIGHT	
GP1-W	OWNER	GC	DMF LIGHTING	DCC-CC-S-M-4-D-10-G-0-00-0-30-WH-O-00	INTEGRAL 3000K LED	PENDANT	120	12.0	0-10V	4" DIAMETER, 8" HIGH CYLINDER MEDIUM, 8' ADJUSTABLE CORD MOUNT, 0-10V DIMMING, WHITE FINISH	ADJUST CORD LENGTH FOR MOUNTING HEIGHT CALLED FOR IN THE ARCHITECTURAL DRAWINGS.
H1	KES	GC	ALLANSON LIGHTING TECHNOLOGIES	(ALF16-120V-WW-R)+(54-262-02-ALT)	PROVIDED BY THE KES	INTEGRAL TO HOOD	120	17.0	N/A		MAKE ALL CONNECTIONS AND INSTALL LAMPS AS REQUIRED.
RL1.1	OWNER	GC	CORONET LIGHTING	LSR2LED-4FT-LTG1-3000K-UNV-DB-W-NT	INTEGRAL 3000K LED	GYPSUM BOARD	120	29.0	0-10V	RECESSED LINEAR LED LIGHT. 48" LENGTH	
RL1.2	OWNER	GC	CORONET LIGHTING	LSR2LED-6FT-LTG1-3000K-UNV-DV-W-NT	INTEGRAL 300K LED	GYPSUM BOARD	120	43.5	0-10V	RECESSED LINEAR LED LIGHT. 96" LENGTH	
WS3-B	OWNER	GC	BRENDAN RAVENHILL	ADA SCONCE 25	INTEGRAL 2700K LED	WALL	120	27.0	ELV	WALL MOUNTED SCONCE 5.75" X 3.5" X 25" BLACK FINISH, 2700K, 90 CRI, ELV DIMMING	
WS5	OWNER	GC	RICH BRILLIANT WILLING	DP-AA01-S4-27-120-TR-IP20	INTEGRAL 2700K LED	WALL	120	8.5	TRIAC	WALL MOUNTED SCONCE 5.25" X 3.2" DEPTH, DIMPLE, NATURAL BACKPLATE AND FROSTED GLASS	

ALL LIGHT FIXTURES IN THE FOOD PREPARATION AND SERVING AREAS MUST BE EQUIPPED WITH SHIELDS

sweetgreen
3101 W. EXPOSITION BLVD.
LOS ANGELES, CALIFORNIA 90018

ENGINEER OF RECORD:
EVERJ ENGINEERING, INC.
1509 BUCK TRAIL LANE
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240-319-0822
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TX ENGINEERING FIRM F-22980

STAMP:

CONSTRUCTION ISSUE SET

07/24/2022

PROJECT INFORMATION:
MUELLER

PROJECT INFORMATION:
1900 ALDRICH ST.
SUITE 140
AUSTIN, TX 78723

DRAWN BY:	JAE
CHECKED BY:	MK
PROJECT MANAGER:	JAE
SG DESIGN MANAGER:	LG
SG CONSTR. MANAGER:	KZ
PROJECT NO:	210005

TEMPLATE VERSION: 12/21/2021

REVISIONS

REV.	DATE	DESCRIPTION
1	05/05/22	LANDLORD COMMENTS
2	05/20/22	PLAN REVIEW COMMENTS

ELECTRICAL LIGHTING SCHEDULES

E-300

7/24/2022 9:13:16 AM

MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
CONDUCTORS	#10 AWG AND SMALLER	SOLID CU, TYPE THHN/THWN OR XHHW
	#8 AWG AND LARGER	STRANDED CU, TYPE THHN/THWN OR XHHW
CONDUITS	OUTDOOR, EXPOSED OR CONCEALED	INTERMEDIATE METAL CONDUIT
	OUTDOOR OR INDOOR, DAMP LOCATIONS, CONNECTOIN TO VIBRATING EQUIPMENT	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
	INDOOR, EXPOSED	ELECTRICAL METALIC TUBING U.N.O.
	INDOOR, WITHIN 1-1/2" OF ROOF DECK	INTERMEDIATE METAL CONDUIT
	INDOOR, CONCEALED	ELECTRICAL METALLIC TUBING, FLEXIBLE METAL CONDUIT OR METAL CLAD CABLE 3
	INDOOR DRY LOCATIONS, CONNECTION TO VIBRATING EQUIPMENT	FLEXIBLE METAL CONDUIT
	LOW VOLTAGE, INDOOR, ABOVE GRADE	ELECTRICAL METALLIC TUBING
	LOW VOLTAGE, BELOW GRADE	RIGID NONMETALLIC CONDUIT (SCHEDULE 40 PVC)
WIRING DEVICES	IN KITCHEN (NON-TILE SURFACES), OFFICE OR NON-PUBLIC SPACE	GRAY DECORA DEVICE WITH STAINLESS STEEL COVER PLACE
	IN KITCHEN (TILE SURFACES)	WHITE DECORA DEVICE WITH WHITE COVER PLATE
	IG OR IG/GFI RECEPTACLES	GRAY DECORA DEVICE WITH STAINLESS STEEL COVER PLATE
	ON DRYWALL IN DINING ROOM	WHITE DECORA DEVICE WITH WHITE COVER PLATE
	IN RESTROOMS	WHITE TAMPER RESISTANT DECORA DEVICE WITH WHITE COVER PLATE
	IN MILLWORK	WHITE TAMPER RESISTANT DECORA DEVICE WITH TWO USB PORTS WITH BRUSHED NICKEL COVER PLATE

VOLTS: 480/277V WYE **PANEL:** H
PHASES: 3 **MAINS:** MCB
WIRES: 4 **AMPERAGE:** 225 A
MOUNTING: RECESSED **MCB RATING:** 200 A
ENCLOSURE: TYPE 1 3

CKT	CIRCUIT DESCRIPTION	RATING	POLES	TYPE NOTES	CKT AMPS	LOAD TYPE	A		B		C		LOAD TYPE	CKT AMPS	TYPE NOTES	POLES	RATING	CIRCUIT DESCRIPTION	CKT
1							27.54	6.10											2
3	T1 3	125 A	3		98.7	G; A; B; C; F; E			26.87	6.10			C	22.0	HACR	3	35 A	CU-2, SECTION ONE (3-#8, #10G. IN 3/4" C.)	4
5											27.64	6.10							6
7	SPACE	--	--	--	--	--	0.00	5.27											8
9	SPACE	--	--	--	--	--			0.00	5.27			C	19.0	HACR	3	30 A	CU-2, SECTION TWO (3-#10, #10G. IN 3/4" C.)	10
11	SPACE	--	--	--	--	--					0.00	5.27							12
13	SPACE	--	--	--	--	--	0.00	0.00					--	--	--	--	--	SPACE	14
15	SPACE	--	--	--	--	--			0.00	0.00			--	--	--	--	--	SPACE	16
17	SPACE	--	--	--	--	--					0.00	0.00	--	--	--	--	--	SPACE	18
19	SPACE	--	--	--	--	--	0.00	0.00					--	--	--	--	--	SPACE	20
21	SPACE	--	--	--	--	--			0.00	0.00			--	--	--	--	--	SPACE	22
23	SPACE	--	--	--	--	--					0.00	0.00	--	--	--	--	--	SPACE	24
25	SPACE	--	--	--	--	--	0.00	0.00					--	--	--	--	--	SPACE	26
27	SPACE	--	--	--	--	--			0.00	0.00			--	--	--	--	--	SPACE	28
29	SPACE	--	--	--	--	--					0.00	0.00	--	--	--	--	--	SPACE	30
						kVA	38.90 kVA		38.23 kVA		39.00 kVA								
						AMPS	141 A		138 A		141 A								

2

TYPE	DESCRIPTION	CONNECTED LOAD	DEMAND FACTOR		ESTIMATED DEMAND
A	INTERIOR LIGHTING	3.06 kVA	125.00%		3.82 kVA
B	EXTERIOR LIGHTING	2.40 kVA	125.00%		3.00 kVA
C	COMFORT COOLING	39.67 kVA	100.00%	+25% LARGEST MOTOR	39.67 kVA
D	COMFORT HEATING	0.00 kVA	0.00%		0.00 kVA
E	MISC. MOTOR	9.69 kVA	100.00%		9.69 kVA
F	KITCHEN EQUIPMENT	52.16 kVA	65.00%		33.91 kVA
G	RECEPTACLES	8.78 kVA	100.00%		8.78 kVA 2

PANEL TOTALS
TOTAL CONNECTED kVA: 116.13 kVA
TOTAL CONNECTED AMPS: 140 A
TOTAL ESTIMATED kVA: 98.87 kVA
TOTAL ESTIMATED AMPS: 119 A 2

PANEL NAME: LAPC **VOLTS:** 120
MOUNTING: SURFACE **PHASES:** 1 **MAINS:** MCB
ENCLOSURE: TYPE 1 **WIRES:** 3 **AMPERAGE:** 20 A

CKT	CIRCUIT DESCRIPTION	TRIP	POLES	LOAD (KVA)
1	RECEPTACLE - POS	20 A	1	0.72
2	SPARE	20 A	1	0.00
3	RECEPTACLE - OLO	20 A	1	0.36
4	SPARE	20 A	1	0.00
		TOTAL LOAD:		1.08 kVA
		TOTAL AMPS:		9 A

2

VOLTS: 208/120V WYE **PANEL:** A
PHASES: 3 **MAINS:** MCB
WIRES: 4 **AMPERAGE:** 225 A
MOUNTING: RECESSED **MCB RATING:** 225 A
ENCLOSURE: TYPE 1 3

CKT	CIRCUIT DESCRIPTION	RATING	POLES	TYPE NOTES	CKT AMPS	LOAD TYPE	A		B		C		LOAD TYPE	CKT AMPS	TYPE NOTES	POLES	RATING	CIRCUIT DESCRIPTION	CKT
1	DWH-1	20 A	1		3.3	F	0.40	0.07											2
3	P-2	20 A	1		0.5	F			0.06	0.07			C	0.7	HACR	2	15 A	BC-1 (2-#10, #10G. IN 3/4" C.)	4
5	DATE CODE GENIE	20 A	1		3.0	F					0.36	0.80							6
7	K420 - VEGETABLE DRYER	20 A	1		2.7	F	0.32	0.80					C	7.7	HACR	2	15 A	AHU-1 (2-#10, #10G. IN 3/4" C.)	8
9	P-1	20 A	1		0.0	F			0.00	0.80									10
11	K560 - CONDENSATE HOOD	20 A	1		1.4	F					0.17	0.80	C	7.7	HACR	2	15 A	AHU-2 (2-#10, #10G. IN 3/4" C.)	12
13	FLY LIGHT	20 A	1		1.5	F	0.18	0.85											14
15	WATER BLOWER	20 A	1		1.5	F			0.18	0.85			C	8.2	HACR	2	15 A	AHU-3 (2-#10, #10G. IN 3/4" C.)	16
17	EF-2	15 A	1		7.9	E					0.95	0.54	C	4.5		1	20 A	REME AIR PURIFICATION SYSTEM	18
19	EF-1	15 A	1		7.9	E	0.95	0.54					G	4.5	GFCI	1	20 A	DIGITAL MENU DISPLAY	20
21	RECEPTACLE - A/V RACK	20 A	1		1.5	G			0.18	1.08			G	9.0		1	20 A	RECEPTACLE - DINING CONVENIENCE	22
23	RECEPTACLE - A/V RACK	20 A	1		1.5	G					0.18	1.08	G	9.0		1	20 A	RECEPTACLES - OFFICE	24
25	RECEPTACLE - A/V RACK	20 A	1		1.5	G	0.18	0.90					G; A	7.5		1	20 A	RECEPTACLE - OFFICE	26
27	RECEPTACLE - A/V RACK	20 A	1		1.5	G			0.18	1.08			G	9.0	2	1	20 A	LAPC	28
29	RECEPTACLE - SERVE LINE CONVENIENCE	20 A	1		1.5	G					0.18	0.18	G	1.5		1	20 A	RECEPTACLE - LOCAL LIST	30
31	ALARM PANEL	20 A	1		1.2	G	0.14	0.52					A	4.3		1	20 A	LIGHTING - DINING ROOM	32
33	RECEPTACLES - RESTROOM	20 A	1		3.0	G			0.36	0.66			A	5.5		1	20 A	LIGHTING - BACK KITCHEN	34
35	RECEPTACLES - PREP LINE	20 A	1		1.5	G					0.18	0.07	A	0.6		1	20 A	LIGHTING - WIRELESS HUB	36
37	RECEPTACLE - STOREFRONT	20 A	1		10.5	G	1.26	0.80					A	6.7		1	20 A	LIGHTING - FRONT KITCHEN	38
39	EXTERIOR SIGNAGE	20 A	1		10.0	B			1.20	0.18			A	1.5		1	20 A	LIGHTING - PICKUP	40
41	LIGHTING - NEON SIGNAGE	20 A	1		10.0	A					1.20	1.20	B	10.0		1	20 A	EXTERIOR SIGNAGE	42
						kVA	27.54 kVA		26.87 kVA		27.64 kVA								
						AMPS	230 A		224 A		231 A 2								

TYPE	DESCRIPTION	CONNECTED LOAD	DEMAND FACTOR		ESTIMATED DEMAND
A	INTERIOR LIGHTING	3.06 kVA	125.00%		3.82 kVA
B	EXTERIOR LIGHTING	2.40 kVA	125.00%		3.00 kVA
C	COMFORT COOLING	5.59 kVA	100.00%	+25% LARGEST MOTOR	5.59 kVA
D	COMFORT HEATING	0.00 kVA	0.00%		0.00 kVA
E	MISC. MOTOR	9.69 kVA	100.00%		9.69 kVA
F	KITCHEN EQUIPMENT	52.16 kVA	65.00%		33.91 kVA 2
G	RECEPTACLES	8.78 kVA	100.00%		8.78 kVA

PANEL TOTALS
TOTAL CONNECTED kVA: 82.05 kVA
TOTAL CONNECTED AMPS: 228 A
TOTAL ESTIMATED kVA: 64.78 kVA
TOTAL ESTIMATED AMPS: 180 A 2

3

sg

sweetgreen
3101 W. EXPOSITION BLVD.
LOS ANGELES, CALIFORNIA 90018

ENGINEER OF RECORD:
EVERJ ENGINEERING, INC.
1509 BUCK TRAIL LANE
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TX ENGINEERING FIRM F-22980

STAMP:

CONSTRUCTION ISSUE SET

07/24/2022

PROJECT INFORMATION:
MUELLER

PROJECT INFORMATION:
1900 ALDRICH ST.
SUITE 140
AUSTIN, TX 78723

DRAWN BY:	JAE
CHECKED BY:	MK
PROJECT MANAGER:	JAE
SG DESIGN MANAGER:	LG
SG CONSTR. MANAGER:	KZ
PROJECT NO:	210005

TEMPLATE VERSION: 12/21/2021

REVISIONS

REV.	DATE	DESCRIPTION
2	05/20/22	PLAN REVIEW COMMENTS
3	06/29/22	CLIENT CHANGES

ELECTRICAL SCHEDULES

E-310

7/24/2022 9:13:17 AM

VOLTS: 208/120V WYE
PHASES: 3
WIRES: 4
MOUNTING: RECESSED
ENCLOSURE: TYPE 1

PANEL: C
MAINS: MLO
AMPERAGE 225 A

CKT	CIRCUIT DESCRIPTION	RATING	POLES	TYPE NOTES	CKT AMPS	LOAD TYPE	A		B		C		LOAD TYPE	CKT AMPS	TYPE NOTES	POLES	RATING	CIRCUIT DESCRIPTION	CKT
1	K111 - MIXING TABLE	20 A	1		4.7	F	0.56	0.00					--	--		1	20 A	SPARE	2
3	RECEPTACLE - EMPLOYEE	20 A	1		1.5	G			0.18	0.00			--	--		1	20 A	SPARE	4
5												0.00	--	--		1	20 A	SPARE	6
7	SPARE	20 A	1		--	--	0.00	0.00					--	--		1	20 A	SPARE	8
9	SPARE	20 A	1		--	--			0.00	0.00			--	--		1	20 A	SPARE	10
11	SPARE	20 A	1		--	--					0.00	0.00	--	--		1	20 A	SPARE	12
13	SPARE	20 A	1		--	--	0.00	0.00					--	--		1	20 A	SPARE	14
15	SPARE	20 A	1		--	--			0.00	0.00			--	--		1	20 A	SPARE	16
17	SPARE	20 A	1		--	--					0.00	0.00	--	--		1	20 A	SPARE	18
19	SPARE	20 A	1		--	--	0.00	0.00					--	--		1	20 A	SPARE	20
21	SPACE	--	--	--	--	--			0.00	0.00			--	--	--	--	--	SPACE	22
23	SPACE	--	--	--	--	--					0.00	0.00	--	--	--	--	--	SPACE	24
25	SPACE	--	--	--	--	--	0.00	0.00					--	--	--	--	--	SPACE	26
27	SPACE	--	--	--	--	--			0.00	0.00			--	--	--	--	--	SPACE	28
29	SPACE	--	--	--	--	--					0.00	0.00	--	--	--	--	--	SPACE	30
31	SPACE	--	--	--	--	--	0.00	0.00					--	--	--	--	--	SPACE	32
33	SPACE	--	--	--	--	--			0.00	0.00			--	--	--	--	--	SPACE	34
35	SPACE	--	--	--	--	--					0.00	0.00	--	--	--	--	--	SPACE	36
37	SPACE	--	--	--	--	--	0.00	0.00					--	--	--	--	--	SPACE	38
39	SPACE	--	--	--	--	--			0.00	0.00			--	--	--	--	--	SPACE	40
41	SPACE	--	--	--	--	--					0.00	0.00	--	--	--	--	--	SPACE	42
						kVA	0.56 kVA		0.18 kVA		0.00 kVA								
						AMPS	5 A		2 A		0 A								

VOLTS: 208/120V WYE
PHASES: 3
WIRES: 4
MOUNTING: RECESSED
ENCLOSURE: TYPE 1

PANEL: B
MAINS: MLO
AMPERAGE 225 A 2 3

CKT	CIRCUIT DESCRIPTION	RATING	POLES	TYPE NOTES	CKT AMPS	LOAD TYPE	A		B		C		LOAD TYPE	CKT AMPS	TYPE NOTES	POLES	RATING	CIRCUIT DESCRIPTION	CKT
1							3.60	1.65											2
3	K540 - COMBI OVEN (3#8, 1#10G. IN 3/4"C)	35 A	3	GFCI	30.0	F			3.60	1.65			F	13.8	GFCI	3	20 A	K126 - SERVE HOT FOOD WELLS (3#10, #10G. IN 3/4" C.)	4
5											3.60	1.65							6
7							3.60	0.62					F	6.0	GFCI	2	20 A	K145 - HOT FOOD WELLS (2#10, #10G. IN 3/4" C.)	8
9	K540 - COMBI OVEN (3#8, 1#10G. IN 3/4"C)	35 A	3	GFCI	30.0	F			3.60	0.62									10
11											3.60	0.66	F	6.3	GFCI	2	15 A	K561 - BLAST CHILLER (2#10, #10G. IN 3/4" C.)	12
13	CU-1 (2-#10, #10G. IN 3/4" C.)	25 A	2	HACR	16.3	E	1.70	0.66											14
15									1.70	0.72			F	6.0	GFCI	1	20 A	K301 - MEGA TOP REFRIGERATOR	16 2
17	K223.1 ICE MAKER WITH BIN	15 A	1	HACR GFCI	10.0	F					1.20	0.54	G	4.5		1	20 A	HVAC RECEPT.	18
19	K308 - COUNTER-TOP PREP UNIT	20 A	1		2.8	F	0.34	1.20					F	10.0	GFCI	1	20 A	K306 - WATERLESS HOT FOOD WELL	20
21	SPARE	20 A	1		--	--			0.00	1.03			F	8.6	GFCI	1	20 A	K304 - 5 PAN OLO W/ REFRIGERATED BASE	22
23	K520 - RICE COOKER	20 A	1	GFCI	18.0	F					2.16	0.60	F	5.0	GFCI	1	20 A	K303 - HOT FOOD WELL UNIT	24
25	SPARE	20 A	1		--	--	0.00	1.44					F	12.0	GFCI	1	15 A	K107 - SELF SERVE CASE	26
27	K520 - RICE COOKER	20 A	1	GFCI	18.0	F			2.16	0.64			F	5.3	GFCI	1	20 A	K525 - UNDERCOUNTER WARMING DRAWER	28
29	K520 - RICE COOKER	20 A	1	GFCI	18.0	F					2.16	0.64	F	5.3	GFCI	1	20 A	K525 - UNDERCOUNTER WARMING DRAWER	30
31	K633 - DISH MACHINE	20 A	1	GFCI	15.0	F	1.80	0.24					F	2.0	GFCI	1	20 A	K307 - UNDERCOUNTER REFRIGERATOR	32
33	K581 - REACH IN REFRIGERATOR	20 A	1		6.9	F			0.83	1.80			F	15.0		1	20 A	K431 - FOOD PROCESSOR	34 2
35	K155 - COLD FOOD WELLS	20 A	1		3.2	F					0.38	1.20	E	10.0		1	20 A	COOLER EVAPORATOR	36
37	K130 - REFRIGERATED SANDWICH UNIT	20 A	1		8.6	F	1.03	1.20					E	10.0		1	20 A	COOLER AIR DOOR	38
39	K231 - WATER CHILLER AND DISPENSER	20 A	1		3.8	F			0.45	1.00			E	8.3		1	20 A	HAND DRYER - NORTH RR	40
41	IMMERSION BLENDER	20 A	1		3.0	G					0.36	1.00	E	8.3		1	20 A	HAND DRYER - SOUTH RR	42
						kVA	19.63 kVA		19.98 kVA		19.75 kVA								
						AMPS	164 A		167 A		165 A								

2

2

2

sweetgreen
3101 W. EXPOSITION BLVD.
LOS ANGELES, CALIFORNIA 90018

ENGINEER OF RECORD:
EVERJ ENGINEERING, INC.
1509 BUCK TRAIL LANE
WORTHINGTON, OH 43085
240-319-0822
www.everjengineering.com
TX ENGINEERING FIRM F-22980

STAMP:

CONSTRUCTION ISSUE SET

07/24/2022

PROJECT INFORMATION:
MUELLER

PROJECT INFORMATION:
1900 ALDRICH ST.
SUITE 140
AUSTIN, TX 78723

DRAWN BY:	JAE
CHECKED BY:	MK
PROJECT MANAGER:	JAE
SG DESIGN MANAGER:	LG
SG CONSTR. MANAGER:	KZ
PROJECT NO:	210005
TEMPLATE VERSION:	12/21/2021

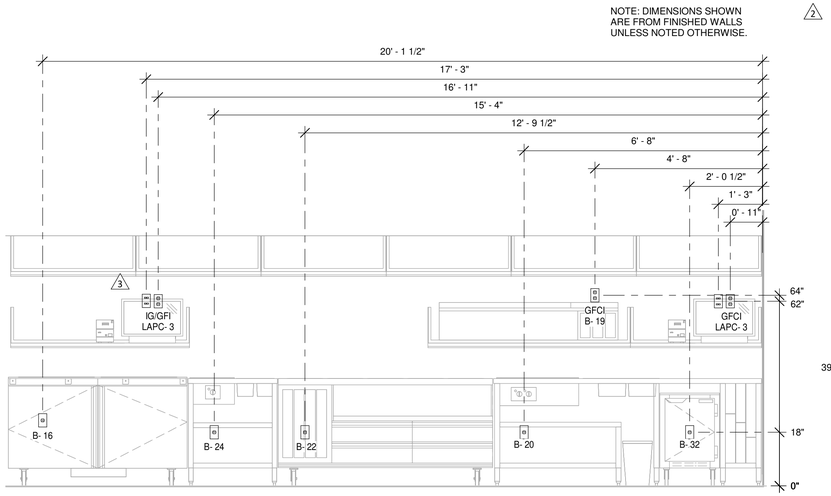
REVISIONS

REV.	DATE	DESCRIPTION
2	05/20/22	PLAN REVIEW COMMENTS
3	06/29/22	CLIENT CHANGES

ELECTRICAL SCHEDULES

E-311

7/24/2022 9:13:19 AM



6 OLO ELEVATION
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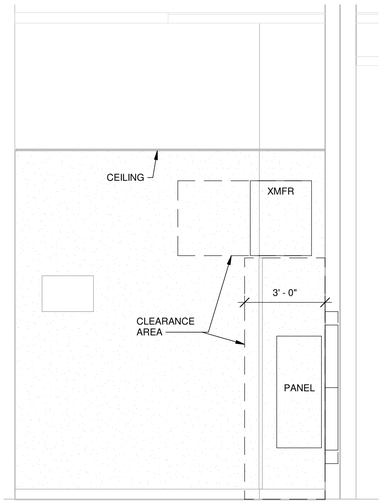

8 ELECTRICAL EQUIPMENT CLEARANCES
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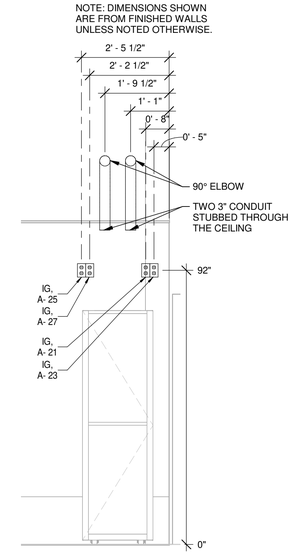

7 IT RACK ELEVATION
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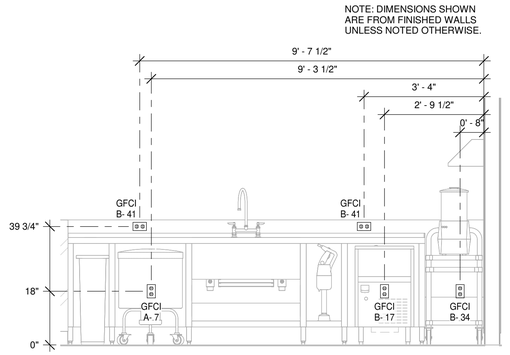

5 COLD PREP ELEVATION
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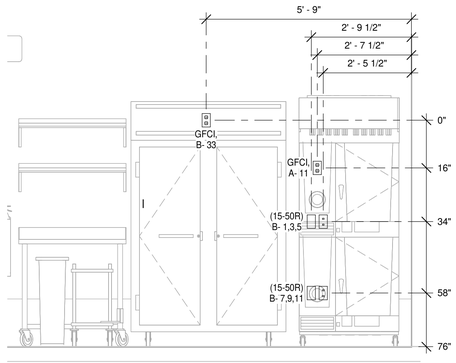
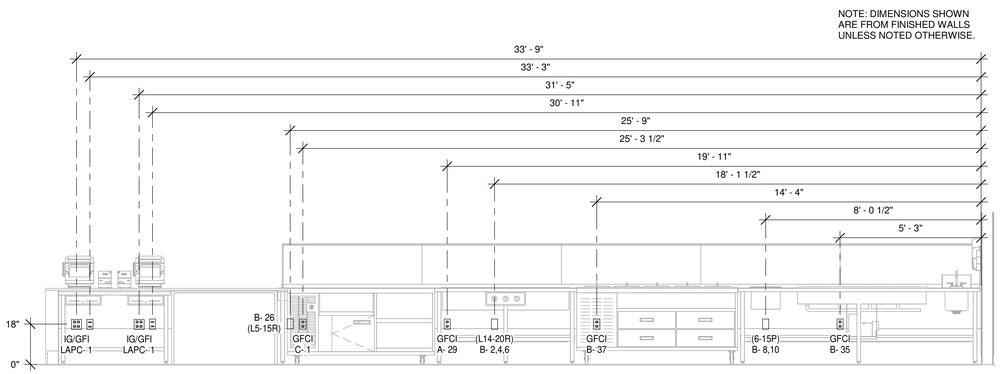


4 COMBINATION OVEN OLO ELEVATION
N.T.S.



3 SERVE LINE ELEVATION
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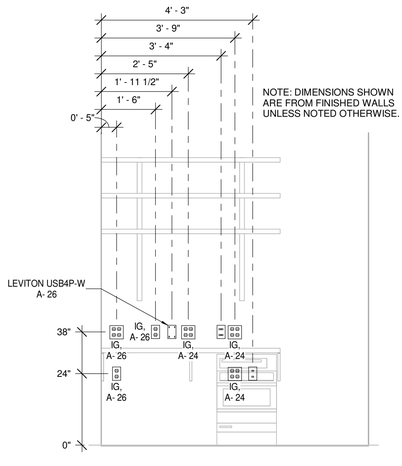

2 OPERATIONS ROOM ELEVATION
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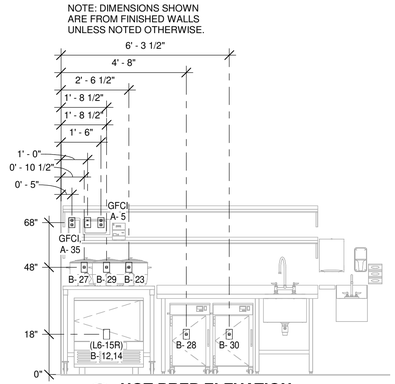

1 HOT PREP ELEVATION
N.T.S.

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PROJECT NO:	210005

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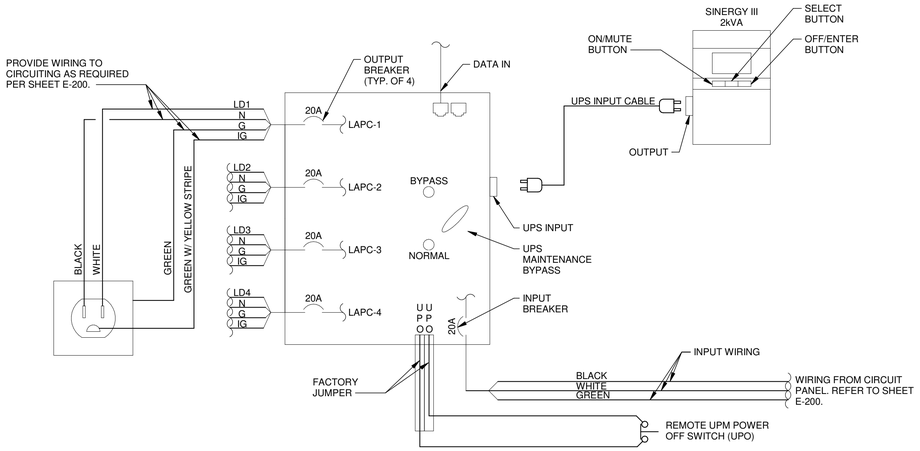
ELECTRICAL ELEVATIONS

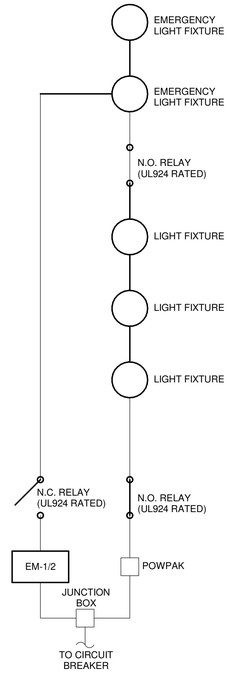
E-400

7/24/2022 9:13:30 AM



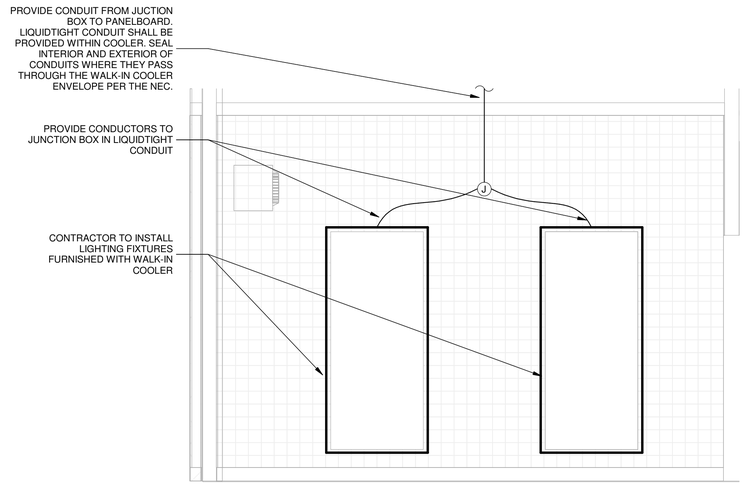
NOTES:
1. INPUT WIRING FROM CIRCUIT BREAKER MUST BE RUN IN A SEPARATE CONDUIT FROM ALL OUTPUT WIRING. DO NOT USE A GFCI TYPE CIRCUIT BREAKER.
2. ALL OUTPUT WIRING SHALL BE RUN IN DEDICATED CONDUITS, AND SHALL NOT BE ROUTED WITH ANY OTHER WRING.
3. CONDUIT ENTRY SHALL NOT BE PERMITTED ON THE RIGHT-HAND-SIDE OF THE ENCLOSURE.
4. CONNECT THE UPM NIG BOND TO THE GROUNDING ELECTRODE SYSTEM VIA ONE OF THE BONDED RECEPTACLE SCREWS ON THE PACK OF THE UPM.
5. WHEN INSTALLING A REMOTE UPM POWER OFF SWITCH, REMOVE THE FACTORY JUMPER BETWEEN TERMINALS "UPO" AND "UPO" AND CONNECT TO THE NORMALLY CLOSED CONTACTS OF A 20A RATED REMOTE SWITCH.

5 LAPC WIRING DIAGRAM
N.T.S.

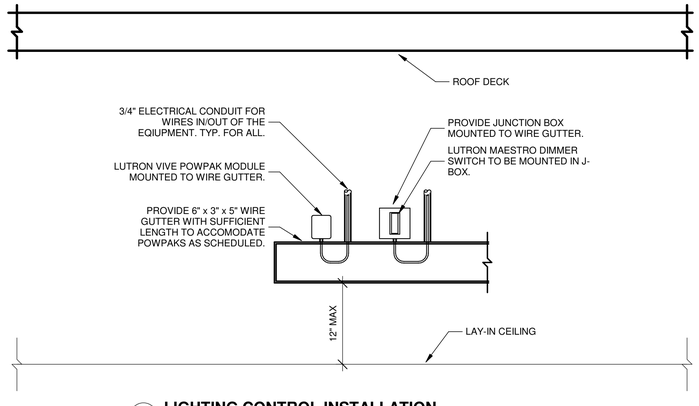


NOTE: DIAGRAM REPRESENTS SYSTEM DURING NON-EMERGENCY OPERATION.

4 EMERGENCY CIRCUIT WIRING DIAGRAM
N.T.S.



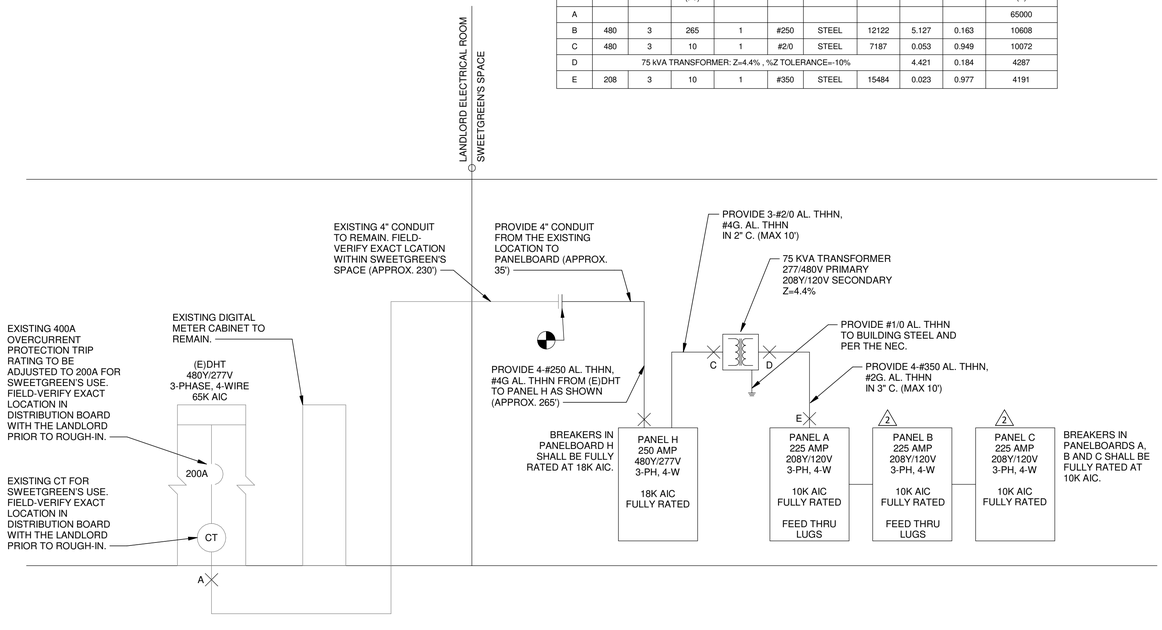
3 WALK-IN COOLER DOOR LIGHT DETAIL
N.T.S.



2 LIGHTING CONTROL INSTALLATION
N.T.S.

FAULT CURRENT CALCULATIONS

POINT	VOLTS	PHASES	CONDUCTOR PROPERTIES					I VALUE	M VALUE	AVAILABLE FAULT CURRENT (A)
			LENGTH (FT)	# OF SETS	SIZE	CONDUIT	C VALUE			
A										65000
B	480	3	265	1	#250	STEEL	12122	5.127	0.163	10608
C	480	3	10	1	#2/0	STEEL	7187	0.053	0.949	10072
D	75 kVA TRANSFORMER: Z=4.4% , %Z TOLERANCE=-10%							4.421	0.184	4287
E	208	3	10	1	#350	STEEL	15484	0.023	0.977	4191



1 MAIN DISTRIBUTION DIAGRAM
N.T.S.

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LOS ANGELES, CALIFORNIA 90018

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AUSTIN, TX 78723

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PROJECT MANAGER:	JAE
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SG CONSTR. MANAGER:	KZ
PROJECT NO:	210005

TEMPLATE VERSION: 12/21/2021

REVISIONS

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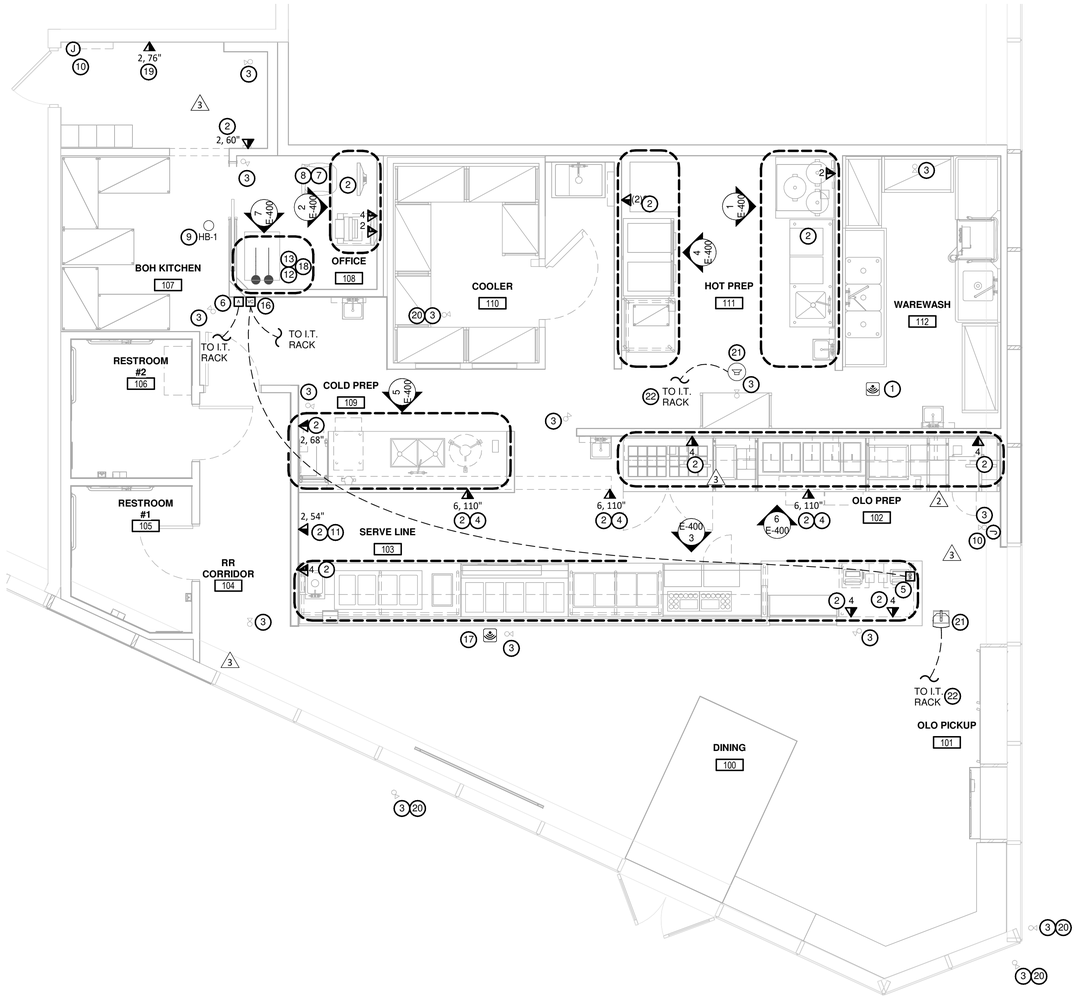
ELECTRICAL DETAILS

E-401

7/24/2022 9:13:31 AM



1 **LOW-VOLTAGE FLOOR PLAN**
1/4" = 1'-0"

CODED NOTES

1. PROVIDE 1" CONDUIT FROM THE AREA ABOVE THE CEILING AT THE IT RACK TO THE WIRELESS ACCESS POINT. REFER TO THE ARCHITECTURAL RCP FOR EXACT LOCATION. PROVIDE BUSHINGS AS REQUIRED. INSTALL OWNER-FURNISHED CABLING. LEAVE 2' OF SLACK AT THE WAP END, AND 15' OF SLACK AT THE IT RACK. SWEETGREEN'S VENDOR SHALL PROVIDE DEVICE AND MAKE FINAL CONNECTION.
2. PROVIDE 1" CONDUIT FROM THE AREA ABOVE THE CEILING AT THE IT RACK TO THE DATA JACK. PROVIDE BUSHINGS AS REQUIRED. INSTALL OWNER-FURNISHED CABLING. LEAVE 2' OF SLACK AT THE DEVICE END, AND 15' OF SLACK AT THE IT RACK. SWEETGREEN'S VENDOR SHALL PROVIDE DEVICE AND MAKE FINAL CONNECTION. REFER TO NOTATION ON PLAN AND THE ELEVATIONS FOR JACK QUANTITY.
3. PROVIDE 1" CONDUIT FROM THE AREA ABOVE THE CEILING AT THE IT RACK TO THE SECURITY CAMERA. REFER TO THE ARCHITECTURAL RCP FOR EXACT LOCATION. PROVIDE BUSHINGS AS REQUIRED. INSTALL OWNER-FURNISHED CABLING. LEAVE 2' OF SLACK AT THE DEVICE END, AND 15' OF SLACK AT THE IT RACK. GC TO TAPE AND MUD WIRE PENETRATION LOCATIONS IN GYPSUM BOARD CEILINGS. SEE ARCHITECTURAL RCP FOR EXACT CAMERA LOCATIONS. SWEETGREEN'S VENDOR SHALL PROVIDE DEVICE AND MAKE FINAL CONNECTION.
4. DATA FOR DIGITAL MENU BOARDS IS TO BE MOUNTED BEHIND THE MENU BOARDS. COORDINATE THE LOCATION AND MOUNTING HEIGHT WITH THE MOUNTING BRACKETS AND THE DISPLAY VENDOR PRIOR TO ROUGH-IN.
5. PROVIDE 1" CONDUIT TO THE SERVE LINE VOLUME CONTROL IN LOCATION SHOWN. PROVIDE BUSHINGS AS REQUIRED. INSTALL OWNER-FURNISHED CABLING. LEAVE 2' OF SLACK AT THE DEVICE END, AND 15' OF SLACK AT THE IT RACK. REFER TO SWEETGREEN'S VENDOR DRAWINGS FOR MORE INFORMATION. SWEETGREEN'S VENDOR SHALL PROVIDE DEVICE AND MAKE FINAL CONNECTION.
6. PROVIDE 1" CONDUIT FROM THE AREA ABOVE THE CEILING AT THE IT RACK TO THE IPOD JACK IN LOCATION SHOWN. PROVIDE BUSHING AT BOTH ENDS OF THE CONDUIT. INSTALL OWNER-FURNISHED CABLING. LEAVE 2' OF SLACK AT THE AUDIO JACK END, AND 15' OF SLACK AT THE IT RACK. REFER TO SWEETGREEN'S VENDOR DRAWINGS FOR MORE INFORMATION. SWEETGREEN'S VENDOR SHALL PROVIDE DEVICE AND MAKE FINAL CONNECTION.
7. FIELD VERIFY LOCATION AND EXISTENCE OF AN EMT TENANT TELECO/DATA SERVICE CONDUIT TERMINATED IN LEASE SPACE. IF SUCH A CONDUIT DOES NOT EXIST THEN PROVIDE AND INSTALL A 1" EMT TELEPHONE/DATA SERVICE CONDUIT WITH PULLSTRING ROUTED FROM THE BUILDING TELEPHONE DEMARK TO AN ACCESSIBLE LOCATION ABOVE THE NEW TENANT COMMUNICATIONS SHELF. COORDINATE ALL TELEPHONE SERVICE ENTRANCE ISSUES WITH THE SERVICE PROVIDER.
8. COORDINATE REQUIREMENTS OF DATA JACK AND CABLING WITH SECURITY SYSTEM INSTALLER.
9. PROVIDE 1" CONDUIT FROM THE AREA ABOVE THE CEILING AT THE IT RACK TO THE WIRELESS HUB. PROVIDE BUSHINGS AS REQUIRED. INSTALL OWNER-FURNISHED CABLING. MAKE FINAL CONNECTION TO THE WIRELESS HUB AND 15' OF SLACK AT THE IT RACK. SWEETGREEN'S VENDOR SHALL MAKE FINAL CONNECTION TO PATCH PANEL.
10. PROVIDE 3/4" CONDUIT FROM THE ALARM PANEL LOCATION IN THE OFFICE TO A JUNCTION BOX FOR THE SECURITY KEYPAD. COORDINATE EXACT LOCATION AND ALL OTHER REQUIREMENTS WITH THE SECURITY VENDOR AS REQUIRED. SWEETGREEN'S SECURITY VENDOR SHALL FURNISH AND INSTALL THE KEYPAD AND ASSOCIATED CABLING.
11. DATA CONNECTION FOR LOCAL LIST. PROVIDE DATA DEVICE CONCEALED BEHIND THE LOCAL LIST BOARD. REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATION.
12. TWO 3" CONDUITS STUBBED UP THROUGH THE OPERATIONS ROOM CEILING FOR PASS-THROUGH OF LOW-VOLTAGE CABLING. PROVIDE BUSHINGS ON EITHER END. CONDUIT SHALL BE HELD TIGHT TO WALL, CENTERED BEHIND THE IT RACK. TERMINATE CONDUIT 18" ABOVE THE TOP OF THE IT RACK. REFER TO THE ELEVATION ON SHEET E-400 FOR MORE INFORMATION.
13. TERMINATE ALL LOW-VOLTAGE CONDUITS REQUIRED FOR THIS PLAN WITHIN 3'-0" OF THE TWO 3" CONDUITS NOTED IN CODED NOTE 12.
14. NOT USED.
15. NOT USED.
16. PROVIDE 1" CONDUIT FROM THE AREA ABOVE THE CEILING AT THE IT RACK TO THE VOLUME CONTROL IN LOCATION SHOWN. PROVIDE BUSHING. INSTALL OWNER-FURNISHED CABLING. LEAVE 2' OF SLACK AT THE MASTER VOLUME CONTROL END, AND 15' OF SLACK AT THE IT RACK. REFER TO SWEETGREEN'S VENDOR DRAWINGS FOR MORE INFORMATION. SWEETGREEN'S VENDOR SHALL PROVIDE DEVICE AND MAKE FINAL CONNECTION.
17. PROVIDE 1" CONDUIT FROM THE AREA ABOVE THE CEILING AT THE IT RACK TO THE WIRELESS ACCESS POINT IN THE DINING ROOM. COORDINATE EXACT CONDUIT ROUTING WITH SWEETGREEN'S CONSTRUCTION MANAGER AS REQUIRED. REFER TO THE ARCHITECTURAL RCP FOR EXACT LOCATION. PROVIDE BUSHINGS AS REQUIRED. INSTALL OWNER-FURNISHED CABLING. LEAVE 2' OF SLACK AT THE WIRELESS ACCESS POINT END, AND 15' OF SLACK AT THE IT RACK. SWEETGREEN'S VENDOR SHALL PROVIDE DEVICE AND MAKE FINAL CONNECTION.
18. INSTALL TWO 50' COILS OF CAT6 CABLING ABOVE THE CEILING ABOVE THE IT RACK AND EXTEND THROUGH THE 3" CONDUIT. CABLING SHALL BE OWNER-FURNISHED AND TERMINATED BY SWEETGREEN'S VENDOR.
19. DATA CONNECTION FOR THE LAPC. PROVIDE DATA DEVICE LOCATED ABOVE THE UNIT AT THE ELEVATION SHOWN. COORDINATE ALL REQUIREMENTS WITH SWEETGREEN'S VENDOR PRIOR TO ROUGH-IN.
20. UPON INSTALLATION OF THE SECURITY CAMERA CABLING, SEAL THE INTERIOR OF THE CONDUITS WHERE THEY PASS THROUGH THE COOLER ENVELOPE.
21. PROVIDE 1" CONDUIT FOR THE SPEAKER AND PROVIDE BUSHINGS AS REQUIRED. SPEAKER SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO THE SPEAKER VENDOR'S SHOP DRAWINGS FOR EXACT LOCATION AND CABLING PATH. INSTALL OWNER-FURNISHED CABLING. REFER TO THE SPEAKER VENDOR DRAWINGS FOR EXACT ROUTING AND MORE INFORMATION. TYPICAL.
22. PROVIDE 1" CONDUIT FROM THE SPEAKER TO THE AREA ABOVE THE CEILING AT THE IT RACK. PROVIDE BUSHINGS AS REQUIRED. REFER TO THE SPEAKER VENDOR'S SHOP DRAWINGS FOR EXACT CABLING PATH. INSTALL OWNER-FURNISHED CABLING. LEAVE 2' OF SLACK AT THE SPEAKER AND 15' OF SLACK AT THE IT RACK. SWEETGREEN'S VENDOR SHALL PROVIDE DEVICE AND MAKE FINAL CONNECTION. REFER TO THE SPEAKER VENDOR DRAWINGS FOR EXACT ROUTING.

SYMBOLS & ABBREVIATIONS

LOW-VOLTAGE SYMBOLS

- CONDUIT CONCEALED ABOVE THE CEILING, IN A WALL, OR IN A RACEWAY
- SPEAKER WIRING. REFER TO NOTE FOR NUMBER AND TYPE
- A-6 — HOME-RUN TO PANELBOARD AND CIRCUIT NUMBER SHOWN
- # — PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
- JUNCTION BOX
- ELECTRIC PANELBOARD
- JUNCTION BOX FOR RJ-45 OUTLET. REFER TO PLAN FOR JACK QUANTITY
- SECURITY CAMERA
- WIRELESS ACCESS POINT
- VC — VOLUME CONTROL
- IPOD JACK

LOW-VOLTAGE ABBREVIATIONS

(E)	EXISTING
(R)	RELOCATED
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
C	CONDUIT
JB	JUNCTION BOX
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
S	SURFACE MOUNTED
UNO	UNLESS NOTED OTHERWISE
WP	WEATHERPROOF

sg

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REVISIONS

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ELECTRICAL LOW-VOLTAGE PLAN

E-500

7/24/2022 9:13:36 AM