	STANDAR	D ABBRI	EVIATIONS		DEVICES				SIGNAL	APPLICABLE CODES	L KEIN.	
A AFF AF	AMPERE ABOVE FINISHED FLOOR ARC FAULT. AMP FUSE	MAX. MCB MECH.	MAXIMUM MAIN CIRCUIT BREAKER MECHANICAL	SYMBOL	DESCRIPTION	LOC	INTING HT	① _{F-1}	THERMOSTAT OUTLET AT +54" (HVAC UNIT DESIGNATION)	2015 MISSOURI BUILDING CODE 2014 MISSOURI ELECTRICAL CODE	TAINED HE	
AFG AIC	ABOVE FINISHED GRADE AMPERE INTERRUPTING CAPACITY	MIN. MLO	MINIMUM MAIN LUGS ONLY	Θ	SIMPLEX RECEPTACLE				ENCLOSED CIRCUIT BREAKER	2015 MISSOURI MECHANICAL CODE (WMC)	CON	
AL ARCH'L	ALUMINUM ARCHITECTURAL	MTD NC	MOUNTED NORMALLY CLOSED	+	DUPLEX RECEPTACLE	OF!! INC	FLUCII	R	RELAY	2015 MISSOURI PLUMBING CODE (WPC)	NOIT	
AS AWG	AMP SWITCH AMERICAN WIRE GAUGE	NEC NECA	NATIONAL ELECTRICAL CODE NATIONAL ELECTRICAL CONTRACTOR'S ASSOCIATION	 	DOUBLE DUPLEX RECEPTACLE	CEILING	FLUSH	[2]	TIME SWITCH	2015 MISSOURI ENERGY CODE	ORMA	
BC BLDG	BARE COPPER BUILDING	NEMA NEUT	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NEUTRAL	=	DUPLEX GFCI RECEPTACLE			С	CONTACTOR	2015 MISSOURI FIRE CODE WITH AMENDMENTS	N N N	Kir
C CAB	CONDUIT CABINET	NFC NF	NATIONAL FIRE CODE NON-FUSIBLE	\rightarrow	SIMPLEX RECEPTACLE			T	TRANSFORMER	ELECTRICAL SHEET INDEX	GS 0I	2038
CAT C/B	CATALOG/CATEGORY CIRCUIT BREAKER	NIC NL	NOT IN CONTRACT NIGHT LIGHT	#	DUPLEX RECEPTACLE			ATS	AUTOMATIC TRANSFER SWITCH	NO. SHEET DESCRIPTION	⊢ M M M M	Main. 951 Fm
CKT CLG CO, EC	CIRCUIT CEILING CONDUIT ONLY	NO NPCO NTS	NORMALLY OPEN NEVADA POWER COMPANY NOT TO SCALE		DUPLEX GFCI RECEPTACLE			•	TELEPHONE OUTLET AT +18"	1 E001 GENERAL ANNOTATIONS, ABBREVIATIONS & SYMBOLS	当 出	
CO, EC COMM CU	COMMUNICATION COPPER	OCP	OVERCURRENT PROTECTION POLE	=	DUPLEX RECEPTACLE, SPLIT-WIRED OCCUPANCY SENSOR CONTROLLED/SWITCHED	WALL	+18" AFF		DATA OUTLET AT +18"	2 E002 ELECTRICAL SPECIFICATIONS		
(D), DEMO DISC.	DEMOLITION/DEMOLISH DISCONNECT	PH PNL	PHASE PANEL	= ●	DUPLEX RECEPTACLE, ISOLATED GROUND	VVALL	UON		COMBINATION TELE/COMPUTER OUTLET AT +18"	3 E003 EQUIPMENT SCHEDULE	FOR	
DN DWG	DOWN DRAWING	PV PVC	PV PHOTOVOLTAIC POLYVINYL CHLORIDE	#	DOUBLE DUPLEX RECEPTACLE				TELEPHONE OUTLET ABOVE COUNTER	4 E201 LIGHTING PLAN		
EA ELECT.	EACH ELECTRICAL	PWR QTY	POWER QUANTITY	-	DOUBLE DUPLEX GFCI RECEPTACLE				TELE/DATA OUTLET ABOVE COUNTER DATA OUTLET ABOVE COUNTER	5 E301 POWER PLAN		
ELEV EM	ELEVATOR EMERGENCY	(R) RECEP	REMOVE AND RELOCATE RECEPTACLE	H	SPECIAL PURPOSE RECEPTACLE OUTLET				FLUSH FLOOR BOX WITH COMBINATION TELE/DATA OUTLET	6 E401 SINGLE LINE DIAGRAM & PANEL SCHEDULE	HES N	`
EMT EQUIP	ELECTRICAL METALLIC TUBING EQUIPMENT	REQ'D RSC	REQUIRED RIGID STEEL CONDUIT	-	SINGLE RECEPTACLE			HTV	TELEVISION OUTLET	7 E501 INTERIOR LIGHTING COMPLIANCE CERTIFICATE		
(E), EXIST (ER)	EXISTING EXISTING ELECTRICAL RELOCATED	SCHED SECT SP	SCHEDULE SECTION	#	DUPLEX RECEPTACLE			_ C⊲	TELEVISION CAMERA (CCTV)	ALLOWED SPECIFICATIONS DEVIATIONS	IGN A	
FBO FF FIXT	FURNISHED BY OTHERS FINISHED FLOOR	SN SPEC	SINGLE POLE SOLID NEUTRAL SPECIFICATION	=	DUPLEX GFCI RECEPTACLE	ABOVE COUNTER	+6" AFF		FIRE ALARM HORN/STROBE	THE FOLLOWING ITEM(S) ARE ALLOWED DEVIATIONS FROM THE DRAWINGS AND SPECIFICATIONS. THESE DEVIATIONS ARE AT THE DIRECTION OF THE OWNER.	— DES	
FLEX FLUOR	FIXTURE FLEXIBLE METALLIC CONDUIT (STEEL) FLUORESCENT	SWED	SWITCH SWITCHBOARD	=	DUPLEX RECEPTACLE, SPLIT-WIRED OCCUPANCY SENSOR CONTROLLED/SWITCHED	OR SPLASH	UON	CR	CARD READER	NONE	H E	NOT I
FT GFA	FEET OR FOOT GROUND FAULT ALARM	SWGR SYS	SWITCH GEAR SYSTEM	#	DOUBLE DUPLEX RECEPTACLE			F \$	FLOW SWITCH		_ <u>₹</u> _ 	THIS INFOR
GFCI, GFI GND	GROUND FAULT CIRCUIT INTERRUPTER GROUND	TEMP TELE	TEMPORARY TELEPHONE	#	DOUBLE DUPLEX GFCI RECEPTACLE			<u> </u>	TAMPER SWITCH	SCOPE OF WORK	DESIG	APPRO' GOVER ATTAI
HP HVAC	HORSEPOWER HEATING, VENTILATING & AIR CONDITIONING	T-STAT TTB	THERMOSTAT TELEPHONE TERMINAL BACKBOARD		MULTI-OULET ASSEMBLY (SURFACE MOUNTED			SD	SMOKE DETECTOR	ELECTRICAL DESIGN FOR TENANT IMPROVEMENT.		OF CON ARCH
IBC IMC	INTERNATIONAL BUILDING CODE INTERMEDIATE METAL CONDUIT	TTC TYP.	TELEPHONE TERMINAL CABINET TYPICAL					FD	FIRE/SMOKE DAMPER		Y KIN	ASSU (
IN IRC	INCH(ES) INTERNATIONAL RESIDENTIAL CODE	UBC UL	UNIFORM BUILDING CODE UNDERWRITERS LABORATORY	⊢ J	WALL MOUNTED CODE SIZE JUNCTION BOX			CD	CARBON MONOXIDE DETECTOR (SPECIFIED BY MECHANICAL ENGINEER)	DEFERRED APPROVAL	FROM	CONS
ISC JB, J-BOX	SHORT CIRCUIT AMPERES JUNCTION BOX	U.N.O. V	UNLESS NOTED OTHERWISE VOLT OR VOLTAGE	J	CODE SIZE JUNCTION BOX	VARIES SEE	VARIES SEE	DD	DUCT MOUNTED SMOKE DETECTOR	A. FIRE ALARM SYSTEM SHALL BE UNDER SEPARATE PERMIT. SEPARATE PLANS SHALL		
	THOUSAND CIRCULAR MILS KILOVOLT AMPERE	VA VD	VOLT AMPERE VOLTAGE DROP	① Ø	JUNCTION BOX MOUNTED IN ACCESSIBLE CEILING SPACE. MOUNT FLUSH IN FLOOR WHEN INDICATED	PLANS	PLANS	H	HEAT DETECTOR	BE SUBMITTED FOR APPROVAL BY A FIRE ALARM ENGINEER AND ALL PERMITS, INSPECTIONS AND APPROVALS SHALL BE OBTAINED FROM THE FIRE DEPARTMENT	IRMIS	o. DA
LTG	KILOWATT LIGHTING	W WCR	VAPOR PROOF WATT, WIRE WITHSTAND CURRENT RATING		IN A FLOOR BOX SYMBOL. CODE SIZE PULLBOX (OR AS SIZED ON PLAN)			(2)	SPEAKER, CEILING OR WALL MOUNTED	HAVING JURISDICTION. B. VIA SEPARATE SUBMITTAL BY SIGN CONTRACTOR, OBTAIN APPROVALS AND PERMITS	트	09-2
		WP WR	UL LISTED WEATHERPROOF, NEMA 3R WEATHER-RESISTANT	P	PUSHBUTTON (EMERGENCY POWER - EPO)			DH	DOOR HOLD OPEN	FOR ALL SIGNS INCLUDING SIGN LIGHTING CERTIFICATE OF COMPLIANCE. C. VIA SEPARATE SUBMITTAL, OBTAIN APPROVALS AND PERMITS FOR ALL ELECTRICAL	WRITT	
		XFMR	TRANSFORMER	•	LIGHTNING PROTECTION AIR TERMINAL	ROOF	VARIES		R PHONE AND DATA OUTLETS PROVIDE ONE (1) 'C.O. RISER UP WALL WITH PULL STRING TO	SUBSYSTEMS WITH POWER SUPPLIES OF MORE THAN 50 VA AND/OR 250 VOLTS [E.G. SECURITY, TELCO/DATA, P.A, AUDIOVISUAL, HVAC CONTROLS, ETC.]	\	
	LIGHTING C	ONTRO	L SYMBOLS		THERMOSTAT		1	ACE	ESSIBLE CEILING SPACE.		SED V	
3			TYPE OF FIXTURE. NUMERAL AT TOP OF HEXAGON INDICATES	HT)	ENCLOSED CIRCUIT BREAKER.	WALL	+44" UON		SINGLE LINE		BE U	
A 10'-0"	BOTTOM OF FIXTURES REQUIRED. NUMBI BOTTOM OF FIXTURE. OMMISSION OF MOU		OF HEXAGON INDICATES MOUNTING HEIGHT FROM FLOOR TO NDICATES CEILING MOUNTING.	CB _{30/3R}	AMPERAGE/NEMA ENCLOSURE RATING, 3 POLE						ONLY	
S _a	LOW VOLTAGE (0-10V) WALL MOUNTED SWI OF LIGHTING. "a" INDICATES ZONE WHERE S		AL ON/OFF AND DIMMING (STEPPED/CONTINUOUS) CONTROL WINGS.	30/1	NON-FUSED DISCONNECT SWITCH. AMPERAGE/NEMA ENCLOSURE RATING, 3 POLE				CIRCUIT BREAKER SERVICE CABLE TERMINATION		N, CTI	LIENT INF
S _{a,b}	LOW VOLTAGE (0-10V) WALL MOUNTED SWI OF LIGHTING. "ab" INDICATES ZONE WHERE		AL ON/OFF AND DIMMING (STEPPED/CONTINUOUS) CONTROL AWINGS.	F 30/3R	UON FUSED DISCONNECT SWITCH. AMPERAGE/NEMA	VARIES	VARIES		1 002		D HERE	
\$	SINGLE POLE SWITCH, 20A, 120/277V or CAT	5e WIRED WALL	. SWITCH TO BE USED WITH NON-DIMMING POWER/RELAY PACK		ENCLOSURE RATING, 3 POLE UON MOTOR STARTER. STARTER SIZE INDICATED BY	SEE PLANS	SEE PLANS		FUSED DISCONNECT SWITCH		LAINE	0
\$	TWO POLE SWITCH, 20A, 120/277V				NUMBER/NEMA ENCLOSURE RATING, SINGLE SPEED UON				SWITCH - SURGE SUPPRESSOR		CON	n
φ² •	THREE-WAY SWITCH, 20A, 120/277V				COMBINATION FUSIBLE DISCONNECT SWITCH AND			M	CURRENT TRANSFORMER		VIION	
Ф3	FOUR-WAY SWITCH, 20A, 120/277V			1/30/3R	MOTOR STARTER. NEMA STARTER SIZE/AMPERAGE/NEMA ENCLOSURE RATING, 3 POLE UON			*	POTENTIAL TRANSFORMER		ORM	
P 4	DIMMER SWITCH, MIN. 2000W, 120/277V			(5)	MOTOR. NUMBER INDICATES HORSEPOWER			\perp	GROUNDING ELECTRODE		H	
⊃D				5/	RATING FOR 1HP AND LARGER	N/A	N/A	M	POWER METER	NOTE FOR ELECTRICAL CONTRACTOR	OR TH	
SM	HP RATED MOTOR SWITCH WITH THERMAL	OVERLOAD PRO	DIECTION	F	MOTOR. "F" INDICATES FRACTIONAL HORSEPOWER				MOTOR	ELECTRICAL CONTRACTOR TO SURVEY EXISTING CONDITION AND REPORT TO OWNER. BID TO INCLUDE SCOPE OF EXTENDED WORK, INCLUDING REQUIREMENTS	SNTS	
Sĸ	KEY SWITCH, 20A, 120/277V				FLOOR BOX SPECIFICATIO	NS		(G)	GENERATOR	OF STATE & LOCAL CODE	COME	
	PUSH BUTTON CONTROL STATION			☐ SINGL	LE SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PL			(ST)	SHUNT TRIP		SE DC	
⊦OSa	OCCUPANCY SENSOR - WALL MOUNTED. "a' SEE CONTROL CONFIGURATIONS FOR MOR				MOLD RFB2-OG/FPCTC WHEN SHOWN IN ON-GRADE MOLD 6ATCP, 6ATP, OR 6ATCPAV AS REQUIRED WHENE.	N SHOWN IN	ABOVE		GROUND FAULT INTERRUPT TRANSFER SWITCH	BRANCH CIRCUIT SYMBOLS	OF THE	
HOS a	OCCUPANCY SENSOR w/ DIMMER - WALL MOSEE CONTROL CONFIGURATIONS FOR MOR				SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN MOLD RFB2-OG/FPCTC WHEN SHOWN IN ON-GRADE	I.			CONTACT (NORMALLY OPEN)	CROSS LINES ON CONDUIT RUNS INDICATE NUMBER OF #12 CURRENT CARRYING CONDUCTORS CONTAINED THEREIN. TWO #12	/ USE	
	LIGHT CONTACTOR	0 (1101			MOLD 6ATCP, 6ATP, OR 6ATCPAV AS REQUIRED WHEN	N SHOWN IN	ABOVE	——————————————————————————————————————	CONTACT (NORMALLY CLOSED)	AND ONE #12 GROUND WIRE ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN. NUMERALS ADJACENT TO CROSS LINES ON	- AN	\frown
LC				DUAL	SERVICE POWER/DATA. DUPLEX RECEPTACLE WITH V	VOICE/DATA.		\	TIME SWITCH	CONDUIT RUNS INDICATE SIZE OF CONDUCTORS IN LIEU OF #12. ALL CONDUITS SHALL CONTAIN ONE GROUND WIRE SIZED PER N.E.C. TABLE 250-122, BUT NOT SMALLER THAN #12.	ESIGN	7
TC	TIME CLOCK				MOLD 6ATCP, 6ATP, OR 6ATCPAV AS REQUIRED.	ee el llou o	∆\/ ⊑₽	6-0	CONTROL SWITCH	P1-1,3,5 ¬ CONDUIT HOMERUN TO PANELBOARD. LETTER AND NUMERALS	TIC D	. `
OS y,(y)	OCCUPANCY SENSOR. QUANTITY OF ADJA	CENT LOWER C	ORKED/ INTERCONNECTED/ NETWORKED, SYSTEM-BASED ASE LETTERS INDICATES QUANTITY OF RELAYS/DIMMING		SURFACE COVER SELECTION IN CARPETED AREAS. US CTION IN HARDWOOD, CONCRETE, TILE AND OTHER H				PUSH BUTTON	INDICATE ELECTRICAL PANEL AND CIRCUIT NUMBERS. HASH MARKS DENOTE NUMBER OF CONDUCTORS IN CONDUIT, #12 AWG MINIMUM, UNLESS OTHERWISE NOTED	NIN :	\
	DETERMINED BY THE BALLAST/FIXTURE TY		ELOW FOR MORE INFORMATION. EXACT CONTROL FUNCTION IS		SERVICE POWER/DATA. QUAD RECEPTACLES WITH V MOLD 6ATCP, 6ATP, OR 6ATCPAV AS REQUIRED.	/OICE/DATA.			WIRING LEGEND	P1-1&3&5 ¬ CONDUIT HOMERUN TO PANELBOARD. LETTER AND NUMERALS	TY OF	\leq
(40)	ALITOMATIC CONTINUIOLIS DIMMINO DAVI IC	LITING CONTRO	NUED LICED TO DIMILICUTE WHEN CHEEKCIENT NATUDAL LICHT		SURFACE COVER SELECTION IN CARPETED AREAS. US				RACEWAY TURNED UP	INDICATE ELECTRICAL PANEL AND CIRCUIT NUMBERS WITH SEPARATE NEUTRALS. "&" INDICATES SEPARATE NEUTRALS.	OPER	
PC (40) y+,y++	IS PRESENT. NUMBER IN PARENTHESIS INC	ICATES THE AV	OLLER USED TO DIM LIGHTS WHEN SUFFICIENT NATURAL LIGHT 'ERAGE WORKPLANE "TARGET ILLUMINATION" SYMBOL VALUE. G(S) CONTROLLED. ADJACENT "+, ++ AND *" INDICATES		CTION IN HARDWOOD, CONCRETE, TILE AND OTHER H.	IARD SURFA	CE FLOORS.		RACEWAY TURNED UP RACEWAY TURNED DOWN	P1-1+3+5 — CONDUIT HOMERUN TO PANELBOARD. LETTER AND NUMERALS INDICATE ELECTRICAL PANEL AND CIRCUIT NUMBER. "+" INDICATES	E PR	\sim
		SENSOR WHER	RE "+" INDICATES PRIMARY SIDELIT DAYLIT ZONE, "++"	WIREI	SERVICE FURNITURE FEED. MOLD (2) 880-MP2 WHEN SHOWN IN ON-GRADE; 4FFAT	C SERIES W	HEN SHOWN	N	HOMERUN TO PANELBOARD 3/4"C W/3#12	SEPARATE #10 AWG NEUTRAL THROUGHOUT BRANCH CIRCUIT. HASH MARK " " INDICATES ISOLATED GROUND CONDUCTOR.	E SOI	E'S
OONTES: SS		,			OVE-GRADE OR APPROVED EQUAL. TY CONNECTION REQUIREMENT WITH MANUFACTURE	R PRIOR TO	ROUGH-IN		CONDUCTORS UNO	CONDUIT CONCEALED IN CEILING OR WALL. 1/2" CONDUIT MINIMUM,	7E TH	Щ
CONTROL CONF		ONEIGUES "	A "ALITO ON 4000/ / ALITO OFF!! AND DE CONTROLLES	WHEN	N SHOWN WITH A DIAGONAL SLASH, THE LAST GENERA JIT ON THE HOME-RUN CALLOUT SHALL BE CONTROLL	AL RECEPTA			CONDUIT CAP-OFF	2#12 AWG CONDUCTORS MINIMUM.	EM AF	<u> </u>
y	"y" INDICATES THAT SWITCH LEG "y" TO BE (CONTINUOUSLY DIMMED) BY THE ASSOCIA		I A " <u>AUTO ON 100%</u> / AUTO OFF" AND BE CONTROLLED ENSOR REMOTE SWITCH ON THE WALL.	OCCU	IPANCY SENSOR.					CONDUIT CONCEALED BELOW FLOOR SLAB OR UNDERGROUND. 3/4" CONDUIT MINIMUM, 2#12 AWG CONDUCTORS MINIMUM, AND A	HT NC	2
y,(y)	"y,(y)" INDICATES THAT SWITCH LEG "y" TO E CONTROLLED (CONTINUOUSLY DIMMED) BY		O IN A " <u>AUTO ON 50%</u> / MANUAL ON 100% / AUTO OFF" AND BE TED DISTRIBUTED LIGHTING CONTROLS.	WIRE	LE SERVICE FURNITURE FEED. MOLD 880-MP2 WHEN SHOWN IN ON-GRADE MOLD BOZAEETC SERIES WHEN SHOWN IN ABOVE CE) A D.E. (D.O.) (E.E.	D)			CODE-SIZED EQUIPMENT GROUND. EXPOSED OR SURFACED MOUNTED CONDUIT, UNLESS OTHERWISE	NED C	
(y)	"(y)" INDICATES THAT SWITCH LEG "y" IS TO	BE CONFIGURE	ED IN A "MANUAL ON / AUTO OFF" (VACANCY SENSOR) AND BE		MOLD RC7AFFTC SERIES WHEN SHOWN IN ABOVE-GF MOLD RC9AMSTC SERIES WHEN SHOWN IN ABOVE-GF	•	,			NOTED. 1/2" CONDUIT MINIMUM, 2#12 AWG CONDUCTORS MINIMUM.	ONTAL	<u> </u>
	CONTROLLED BY THE ASSOCIATED DISTRIE	UTED LIGHTING	G CONTROLS.	PROV FLOOI	IDE 24" MINIMUM BETWEEN EACH DEVICE TO MAINTAI R.	IN FIRE RATI	NG OF THE			DASHED LINE INDICATES REMOVE/RELOCATE EXISTING ———————————————————————————————————	ON CC	
<u> </u>				I				1		I	RMA —	RAWN
											DAT	ſΕ

CONSTRUCTION AS NOTED ON PLANS REVIEW

RELEASE FOR

20381 Lake Forest Dr. Suite B16 Lake Forest, CA. 92630 n. 951.710.6334 Web. kineticdesign.build Email. info@kineticdesign.build



NOT FOR CONSTRUCTION

THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
APPROVAL FROM THE ARCHITECT AND GOVERNING JURISDICTIONS MUST BE ATTAINED PRIOR TO THE ISSUANCE OF CONSTRUCTION DOCUMENTS. THE ARCHITECT AND HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR CONSTRUCTION BIDS OR CONSTRUCTION PERFORMED FROM THESE DRAWINGS.

REVISIONS

DATE DESCRIPTION PCC #1, CLIENT AND LANDLORD REVISIONS 09-22-21

ENT INFORMATION



SYMBOLS AND ABBREVIATIONS NEKTER - LEE'S SUMMIT, A 940 NW PRYOR ROAD, UNIT: G, LEE'S SUMMIT, MISSOURI 64081

SCALE
ONE
PROJECT NUMBER

PART I - GENERAL

A. CONDITIONS

- 1. Furnish and install a completely wired and operational electrical system as shown on the drawings and specified herein, including but not limited to, these major items.
- 1.1. Lighting fixtures as indicated and specified on the plans. Electrical panels, service, conduit, wiring, etc., for all outlets and
- equipment Telephone outlets and conduit as indicated.

B. RELATED WORKS

- 1. The Electrical Contractor shall provide conduit, trench, and backfill for electrical service entrance from the main service to utility point of electrical service. Electrical Contractor shall coordinate the installation of the electrical service entrance with serving utility company.
- 2. The Electrical Contractor shall provide conduit, trench, and backfill for primary phone and CATV service from the telephone terminal board or cabinet to the phone company and CATV company point of service.
- C. CODES, REGULATIONS, AND STANDARDS
- The installation shall comply with applicable local and state codes and ordinances, with the regulations of the currently accepted edition of the National Electric Code and with the requirements of the power, telephone, and CATV companies furnishing services to this installation.
- 2. The following industry standards, specifications, and codes are minimum requirements:
- The National Electrical Code (NEC), including local amendments.
- Underwriter Laboratories (UL) incorporated standards. 2.3. American National Standards Institute (ANSI).

D. INSPECTION OF SITE

- 1. Prior to submitting a bid for electrical work, the contractor shall visit the site of the proposed construction and shall thoroughly acquaint himself with existing utilities, and working conditions to be encountered, etc. Allowance will not be made for noncompliance with this condition after bidding.
- Electrical installation shall meet the existing conditions.

E. STORAGE AND HANDLING OF MATERIALS

- 1. Deliver materials and equipment to the project in the manufacturer's original unopened, labeled containers. Protect against moisture, tampering, or damage from improper handling or storage. Contractor shall protect and be responsible for any damage to work or materials until final acceptance by the owner, and shall make good without cost to the owner, any damage or loss that may occur during this period.
- 2. Arrange for timely delivery of materials and equipment to the job site in order to minimize the length of time between delivery and installation.
- 3. Cover and protect any material which may be affected by the weather while in transit or stored at the project site. Any material found defective or not installed in accordance with the contract documents may be rejected by the engineer.

F. CLEANUP

1. Keep the premises free from accumulation of waste materials, or rubbish caused by employees or work under this division of the specifications. At the completion of the work remove all surplus materials, tools, etc., and leave the premises broom-clean.

G. EXCAVATION

1. Perform all excavation and back filling required for work performed under this division of the specifications. Use excavated materials for backfill unless off site materials are deemed necessary.

H. DRAWINGS

1. The drawings indicate the general arrangement and locations of the electrical work data presented on these drawings are as accurate as planning can determine, but field verification of all dimensions, locations levels, etc., to suit field conditions is required. Review all architectural, structural, and mechanical drawings and adjust all work to meet the requirements of conditions shown. The architectural drawings shall take precedence over all other drawings. Discrepancies between different plans, or between drawings and specifications, or regulations and codes governing the installation shall be brought to the attention of the engineer in writing before the date of bid opening. If discrepancies are not reported, the Contractor shall bid the greater quantity or better quality, and appropriate adjustments will be made after contract award. Contractor shall be responsible to field measure and confirm mounting heights and location of electrical equipment with respect to counters, radiation, etc. Do not scale distances off the electrical drawings, use actual building dimensions.

I. EXCAVATION, CUTTING, AND FITTING

1. Perform the excavation, cutting, fitting, repairing, and finishing of the work necessary for the installation of the equipment of this section. However, no cutting of the work of other trades or of any structural members shall be done without the consent of the architect.

J. COOPERATION WITH OTHER CONTRACTORS

- 1. Cooperate with the other trades so that the installation of the electrical outlets and equipment will be properly coordinated. Conduit, lighting fixtures, and other equipment locations shall be checked with other trades to avoid conflict with the piping, ductwork, steel, beams, or other obstructions. Carefully check the locations of the outlet boxes and determine that they have not been disturbed during the installation of materials of other trades
- 2. Coordinate the location of the trenches and conduits for electrical and telephone utility services with the general contractor.
- 3. Coordinate HVAC equipment connection requirements with HVAC contractor.

PART II - PRODUCTS AND EXECUTION

A. MATERIALS

1. All materials shall be new and of quality as specified on the plans or specifications and must carry the Underwriter's Laboratories approval covering the purpose for which they are used, in addition to meeting all requirements of the current applicable codes and regulations.

B. CONDUIT

- 1. All wiring shall be installed in listed metallic conduit except as permitted below. RGS, with a 20 mil PVC coating will be used when in contact with earth. IMC may be used in indoor locations not in contact with the earth. EMT may be used in indoor locations not in contact with earth, not in concrete slabs or walls and not subject to damage. PVC may be used in or below concrete and direct buried in earth. Flexible steel conduit shall be used for indoor final connections to equipment in lengths not to exceed 72". Liquid-tight flexible steel conduit shall be for outdoor final connections to equipment not to exceed 36".
- 2. Cover metallic conduit in contact with earth with polyethylene taped spiral wrapped, 1/2 lapped to provide 20 mil. thickness. Tape shall be Scotch no. 50 tape. Conduit and ducts not under buildings and feeder ducts shall be installed per N.E.C. 300-5. make joints with compound to be watertight.
- 3. Fittings and conduit bodies shall be steel. No diecast fittings.
- 4. Conduit sizes shall be as required by code and as indicated or specified.
- 5. All empty conduit systems shall have a nylon pull string to facilitate installation of future wire.
- 6. Schedule 40 PVC conduit shall be permitted underground with proper fittings, all UL Approved and cemented joints. Penetrations through floor slabs and bends greater than 22° shall be wrapped rigid galvanized steel
- Conduits and outlets shall be concealed with the building structure, except that certain motor and lighting feeder conduits may be run exposed in certain areas as indicated on the drawings. Conduit shown to be installed in cabinets, counters, and casework shall be run as directed by the architect.
- 8. All conduit systems shall have a Code sized copper ground conductor increase conduit size as required.
- 9. Conduit penetration through roof shall have roof flashing with caulk type counter flashing sleeve. Installation shall be watertight.
- 10. Conduits shall be routed surface on the structure, parallel and perpendicular

C. OUTLET, PULL, AND JUNCTION BOXES

- 1. Each switch, light. receptacle or other outlet shall be provided with a Code gauge, galvanized steel outlet box. Junction and pull boxes shall be Code gauge, galvanized steel. Outlet boxes shall be of the one piece, knockout type, in general 4" square with plaster ring. Plaster rings shall be set to provide not more than 1/8" from wall surface to ring. In no case shall plaster ring project beyond surface of wall. Single gang rings similar to Steel City 52050 shall be used for 4" boxes in unfinished brick number 180 boxes may be used for unfinished masonry flush wall outlets. Center all outlet boxes in block course.
- 2. Boxes installed in poured cement floors shall be flush type cast iron or steel with watertight gasketed covers. Where boxes are installed in floors with tile or carpet floor covering, covers shall be of the recessed type to accommodate the floor covering.
- 3. Boxes installed for the alarm, computer, and security system shall be provided with appropriate cover plates.
- 4. Boxes for telephone, computer, TV, fire alarm, security, and similar systems shall be minimum 4" square and 2-1/8" deep.

D. SWITCHBOARDS, DISTRIBUTION BOARDS, MOTOR CONTROL

1. See Single Line Diagram General Notes on drawings for more information.

E. PANEL BOARDS

1. See drawings for panel board schedules and specifications.

- 1. Conductor sizes shown on the drawings are based on copper wire. Unless otherwise specified, all wire shall be Type XHHW for feeders or branch circuits larger than 4 AWG, Type THHN/THWN insulation for feeders and branch circuits 4 AWG and smaller. All branch circuit wiring shall be copper. The wire shall be 12 AWG unless otherwise indicated. Circuit shall be labeled in each junction box.
- 2. Metal Clad Cable "Type MC" cable may only be utilized for interior branch circuitry supplying lighting fixtures, not to exceed 6-ft. in length from junction box to the fixture served. "Daisy Chaining" of light fixtures is not allowed.
- 3. When use is permitted in the Allowed Specification Deviations, Metal Clad "Type MC" cable may be installed per NEC Article 330. Where multiple cables are routed adjacent to each other (bundled), a minimum separation of one (1) cable diameter (largest) shall be required.
- 4. The wires shall be marked with color to simplify circuit identification. Unless otherwise required by local ordinances:

208/120 Volts Phase A = Black = Red Phase B

Phase C = Blue Neutral = White Ground = Green

480/277 Volts Phase A = Brown = Orange Phase B

Phase C

= Yellow

Neutral = Gray Ground = Green

- 5. No wire shall be installed in the conduit system until the conduit system is complete. Use Mineralac No. 100 or equivalent as a lubricant to facilitate the installation of the conductors in the conduit system.
- 6. Splices in exterior pull boxes and manholes shall be weatherproof using "Scotchcast" splice kit or approved equal. Seal ends of conduits and ducts with "Ductseal" or approved equal.
- 7. Provide solid conductor for 12 AWG and smaller.
- 8. Provide 10 AWG conductors for 20 ampere, 120V branch circuits longer than 75-feet and 8 AWG conductors for 20 ampere. 120V branch circuits longer than 120-feet. Provide 10 AWG conductors for 20 ampere, 277V branch circuits longer than 200-feet.

G. WIRING DEVICES

- 1. Wall switches shall be Specification Grade AC silent type switches, 20A, 120/277 volt.
- 2. Receptacles shall be Specification Grade, duplex type, NEMA 5-20R, 20 ampere, 120 volt grounded type. Special application receptacles shall be indicated on plans. Mount with the ground down.
- 3. Device plates shall be equal to sierra smooth-line plastic wall plates. Color shall be white, unless otherwise noted.
- 4. All receptacles identified as weatherproof on the drawings shall be weather-resistant, tamper-resistant, GFCI type and equipped with enclosure that is weatherproof (WP) whether or not the attachment plug cap is inserted (while "IN-USE"). An outlet box hood shall be listed and shall be identified as "Extra Duty".
- 5. Except as otherwise noted, all wiring device plates on the project shall be labeled with panel and circuit number(s) utilizing a Brother P-touch labeling system with 1/2" tape (yellow on black) or equal HellermannTyton or Panduit. Locate label on the concealed side of the wiring device plate. Handwritten labels are unacceptable.

H. LIGHTING FIXTURES

1. Provide all lighting fixtures, wired and connected. the drawings indicate the fixtures for each location. Provide lamps for all fixtures. The lamps shall be by the same manufacturer. Verify ceiling construction before ordering recessed units. Provide plaster frames and hangers as required. Ceiling construction, architectural accessories, voltage, and ballasts to meet the existing condition.

I. SERVICE ENTRANCE SECTION

- 1. The service entrance equipment shall be as indicated on the drawings. Equipment shall carry the UL label and shall conform to the power company regulations.
- 2. Service entrance equipment shall be provided with a fully rated copper or aluminum bus. Horizontally tapered bussing shall not be allowed.

J. SYSTEM GROUNDING

- 1. Grounding shall comply with requirements of Article 250. All exposed non-current carrying metallic parts of electrical equipment, metallic raceway systems, metallic cable armor, grounding conductor of nonmetallic sheathed cables, grounding conductor in nonmetallic raceways, and grounded conductors of the wiring system shall be grounded.
- 2. Grounding conductor (neutral) of the wiring system shall be connected to the system grounding conductor at a single place in each system by removable bonding jumpers, sized according to the applicable provisions of the National Electrical Code. The grounded conductor (neutral) to the grounding conductor connection shall be located in the enclosure for the system's overcurrent protection or where otherwise indicated on the plans or specifications.
- 3. A ground bus separate from the neutral bus shall be provided in all switchboards and panelboards. Ground bus shall be retorqued (checked) prior to energizing equipment per manufacturer's recommendations.
- 4. Ground buses and neutral buses in all distribution panels, switchboards, panelboards, and those provided in any equipment shall be isolated except where required to be connected as specified above for the service entrance and in transformer terminal compartments.
- 5. When indicated on the drawings, equipment grounding conductors shall be extended from the ground bus in the distribution equipment to the receptacle, fixture or device lugs where they are provided. Where lugs are not provided, equipment grounding conductors shall be connected to equipment enclosures. The connections shall be arranged such that removal of the receptacle, equipment ground conductors, or ground jumpers from ground busing shall not affect the ground system.
- 6. Raceways may not be used as a grounding conductor for power and lighting circuits. All conduit shall have separate Code sized green ground wire installed in the conduit to insure a continuos grounding path.
- 7. In inaccessible locations, make connections by exothermic weld process.
- 8. In accessible locations, connections shall be made with bolted through, approved solderless bronze grounding devices.
- 9. Bond together metal siding not attached to grounded structure bond to

K. TELEPHONE SYSTEM

1. Telephone wall outlets shall consist of standard boxes mounted 18" above the floor unless otherwise indicated. Connect outlets to telephone terminal with separate 3/4" conduit unless otherwise shown on drawings. Provide a terminal mounting board for the incoming service cable.

L. LIGHTING CONTROL

1. Furnish and install time switches, photocells, contactors and full lighting control systems as required for lighting controls indicated on the drawings.

- 2. Time switches shall be equal to Paragon, General Electric, Tork, or Intermatic and shall have size and number of poles as required.
- 3. Photocells shall be equal to Tork or Intermatic with voltage as indicated.

M. DRY TYPE TRANSFORMERS

- 1. Manufacturers: subject to compliance with requirements, provide products by one of the following
- Acme Electric Corporation; Power Distribution Products Division.
- GE Electrical Distribution & Control.
- Eaton. 1.4. Square D/Groupe Schneider NA.
- 2. Coils: Continuous windings without splices, except for taps.
- 3. Internal coil connections brazed or pressure type.
- 4. Coil material copper
- 5. Enclosure ventilated, NEMA 250, Type 2 (NEMA 3R for outdoor installations).
- 6. Insulation class 220°C, UL-component-recognized insulation system with a maximum of 150°C rise above 40°C ambient temperature.
- 7. Taps for transformers 25 kVA and larger two 2.5 percent taps above and four 2.5 percent taps below normal full capacity.
- 8. Wall brackets manufacturer's standard brackets.
- 9. Low-sound-level-requirements minimum of 3 dba less than NEMA ST-20 standard sound levels when factory tested according to IEEE C57.12.91

N. GUARANTEE

1. Guarantee all material furnished and all workmanship performed for a period of one year from date of final acceptance of work. Any defects developing within this period, traceable to material furnished as a part of this section or workmanship performed hereunder, shall be made good at no expense to the owner.

O. SHOP DRAWINGS AND APPROVALS

- 2. The items specified herein and on drawings are used as a standard of quality. any materials of equal quality and aesthetic value will be given consideration as a substitute for the materials specified. No approval will be given to a specific catalog number, model, or type of equipment, prior to bidding. After bidding, the decision of the Architect and/or Engineer determining equal materials will be final.
- 3. The contractor shall submit shop drawings on the following items:

3.1. Lighting fixture cuts and performance data.

- 3.2. Outline drawings and data sheets of each panelboard and switchboard. 3.3. Outline drawings of all switchgear
- 4. Submit items at one time in a neat and orderly manner within 15 days of award of contract. Partial submittals will not be acceptable.

P. RECORD AND AS-BUILT DRAWINGS

- 1. The Electrical Contractor shall maintain a set of drawings at the job site for the exclusive purpose of maintaining a record of all work installed and to show any deviations from the work indicated on the drawings.
- 2. At the completion of the project, one set of reproducible drawings, showing all As-Built conditions, shall be delivered to the Owner for acceptance prior to final payment.

Q. HOUSEKEEPING PADS

- 1. Provide a minimum of 3" high housekeeping pad above finished floor/ finished grade for all floor-mounted switchgear, switchboards, distribution boards, transformers, motor control centers, etc., flush with the face of the equipment. Located in mechanical central plants(s), other mechanical spaces, and located outdoors, pads shall be flush with the face of the equipment. Confirm pad dimensions with local inspector prior to forming pad to ensure any local code interpretations/conditions are met regarding housekeeping pads.
- 2. Unless otherwise noted above, provide a minimum of 1-1/2" high housekeeping pad above finished floor/finished grade for all interior floor-mounted switchgear, distribution boards, transformers, motor control centers, transfer switches, etc., flush with the face of the equipment. All housekeeping pad heights are as measured from finished floor or grade. Confirm pad dimensions with local inspector prior to forming pad to ensure local code interpretations/conditions are met regarding housekeeping pads.
- 3. Provide a 1-1/2" high housekeeping pad above finished floor/finished grade for service equipment. Prior to pad rough-in, Contractor shall verify serving utility company's maximum meter height requirements and, if necessary, adjust height of housekeeping pad to comply with those requirements. In indoor applications, the housekeeping pad shall be flush with the face of the switchgear. In outdoor applications, the housekeeping pad shall extend a minimum of 4 feet from the front of switchgear's weatherproof enclosure. Confirm pad dimensions with local inspector prior to forming pad to ensure any local code interpretations/conditions are met regarding housekeeping
- 4. All housekeeping pads located in, on, or attached to a building shall be seismically braced/connected to the building structure.

R. EQUIPMENT CONNECTIONS

- 1. Provide flexible connections to all HVAC equipment, water heater, etc any equipment over 20 lb and/or mounted above finished floor.
- 2. Coordinate electrical requirements for all plumbing and mechanical equipment with final Contractor selection. The Contractor shall size disconnects based upon circuit breaker ratings and provide fusing as required per equipment manufacturer recommendations and UL Listing requirements.

S. MOTORS

3. Where motors are installed in suspended ceilings, contractor shall provide disconnect switch in suspended ceiling within reach from access point.

4. Sizing of motor-related electrical components, including feeder and/ or branch circuits (wire and conduit) and overcurrent protection (breaker and/ or fuses) is based on ratings indicated in the contract documents as well as NEC approximated loads for a given motor horsepower, voltage and phase. It is the contractor's responsibility to verify actual motor and appliance rating and loads. Contractor to provide correctly sized motor overload electrical components based on nameplate rating. Reflect all changes in the as-built drawings.

T. FIRE SYSTEM

- 1. Contractor shall engage the services for a state licensed fire alarm manufacturer/installer to prepare all design drawings and calculations required for system approval by the authority having jurisdiction. Submit all plans and provide all permits required for a complete and operable approved life safety system.
- 2. Fire alarm device wiring shall be minimum #14 AWG copper or per system manufacturer requirements. Provide minimum 3/4" separate raceway system or as required for life safety system wiring configuration.
- 3. Upon completion of the installation of life safety system wiring and devices, a performance test of the entire life safety shall be performed to the satisfaction of the authority having jurisdiction.

U. LOW VOLTAGE SYSTEMS

1. Music, television, video mounting systems are not shown on these drawings and are provided by Contractor through architects schedules/details. Contractor to coordinate all routing and final connections as approved by Starbucks Manager as applicable specifically to this store.

V. IDENTIFICATION OR EQUIPMENT LABELING

- 1. Nameplates shall be provided for switchgear, switchboards, distribution boards, distributions panels, panel boards, motor control centers, transformers, transfer switches, contactors, starters, disconnect switches, enclosed circuit breakers/switches, Inverters, UPS's, PDU's, RDC's, SPD's, lighting control panels, dimming panels, door releasing system panels, fire alarm/central monitoring terminal cabinets/power supplies/control panels, and all low voltage system terminal and control cabinets.
- Nameplate inscriptions shall be identical to the equipment designations indicated in plans and specifications. Nameplates shall be engraved with the device designation/identification on the top line, source identification for the device on the 2nd line per NEC, or CEC where adopted, Art 408.4 and load designation for the device on the bottom line. Where load designation consists of a branch circuit, omit bottom line. Where device designation is not intended on plan/specfications. Contractor shall submit a written clarification request to the Engineer.
- 1.2. All circuit breakers/fuses in switchgear, switchboards, distribution boards, distribution panels, UPS output circuit breakers, PDU sub-feed circuit breakers and motor control centers shall have individual nameplates located immediately adjacent to the respective device. Nameplate inscription shall identify the downstream equipment or device served by the circuit breaker or fuse.
- 2. Identification nameplates, unless otherwise noted (UON), shall be laminated/extruded modified acrylic or melamine plastic labels that is 3/32" thick, UV-stabilized, matte finish, suitable for use in 180°F ambient, with beveled edges and engraved white letters 3/8" high, minimum, on 1-1/2" high black background for single line of text. Where two lines of text are required, provide minimum 2" high nameplate. Where three lines of text are required, provide 2.5" high nameplate. Provide white letters on red background for all NEC, or CEC where adopted, Article 517 essential power systems, Article 700 Emergency Systems, Article 701 Legally Required Standby Systems and Article 708 COPS.
- Identification nameplates for new switchgear, switchboards, distribution boards, distribution panels, panel boards and motor control centers shall be attached with switchgear manufacturer-provided screws via switchgear manufacturer factory pre-drilled holes. A factory option to rivet identification nameplates to the equipment is only acceptable if screw-fastened nameplates are not an available option from the switchgear manufacturer. Field drilling or other mechanical attachment methods that change/void the NEMA or NTRL rating of the enclosure are strictly forbidden.
- 4. Identification nameplates for transformers, transfer switches, disconnect switches, enclosed circuit breakers/switches, inverters, UPSs, PDUs, RDCs, SPDs, lighting control panels, dimming panels, door-releasing system panels, terminal cabinets and all circuit breakers/fuses in switchgear, switchboards, distribution boards, distribution panels, UPS output circuit breakers, PDUs, PDU sub-feed circuit breakers, and motor control centers shall be attached to the equipment by self-adhesive backing integral to the nameplates. When equipment is located outdoors, provide nameplates without self-adhesive backing and attach to equipment using weather-rated, UV-resistant epoxy. In all cases, clean surfaces before applying identification nameplates parallel to equipment lines.
- 5. Warning Placards, as required by General Single Line Diagram Notes for multiple power sources, or instruction placards, as required for all kirk-key interlock schemes, all UPS bypass procedures or as required elsewhere in the plans/specifications shall be engraved 1/2" high with white lettering on red background using the same material specified for identification nameplates with a self-adhesive backing. Warning/instruction placards shall be attached to the face of the equipment directly related to the placards.

Kinetic Design

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REV

20381 Lake Forest Dr. Suite B16 Lake Forest, CA. 92630 Main. 951.710.6334 Web. kineticdesign.build Email. info@kineticdesign.build



NOT FOR CONSTRUCTION

THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. APPROVAL FROM THE ARCHITECT AND GOVERNING JURISDICTIONS MUST BE ATTAINED PRIOR TO THE ISSUANCE OF CONSTRUCTION DOCUMENTS. THE ARCHITECT AND HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR CONSTRUCTION BIDS OR CONSTRUCTION PERFORMED FROM THESE DRAWINGS.

REVISIONS DESCRIPTION DATE

집 1 09-22-21 PCC #1, CLIENT AND LANDLORD REVISIONS

CLIENT INFORMATION



SUMMIT

Ш

ECI

Ш CHECKED

09/22/21

AS NOTED

出 SCALE PROJECT NUMBER

DATE

SHEET

											SLIDD	וובח וו	NSTALL	ATION	<u> </u>	<u> </u>
											SUPP		BY		- 불	URN ON
											<u>م</u>	5	S S		PLUMBER HOOK-UP	PLUG IN/TURN ON
											SEE		CONSOLIDATOR		HO K	(LN
											SCH SCH		SOLI		ABEF	LUG
MARK	QT.	DESCRIPTION	EQUIPMENT SIZE	MANUFACTURER	MODEL			REMARKS	NSF	H	FRANCHISEE CONSOLIDAT	၁၉	CON	OC O	PLUN	GC PLUG IN/TL
CH1	1	CHEMICAL DISPENSER	40",20",00"	THINDED COOLD	CMED4920			NEKTER SPECIFIATIONS	•	•	•			•	•	•
DES1A DES7A	1	EPOXY COATED WIRE RACK EPOXY COATED WIRE RACK	18"x30""x86" 24"x 30" x 86"	THUNDER GROUP THUNDER GROUP	CMEP1830 CMEP2430			PLAN- 4 SHELVES AND POSTS N - 4 TIER SHELVING ON 86" POSTS		•	•			•		
DES8 DES10	1	EPOXY COATED WIRE RACK EPOXY COATED WIRE RACK	24" x 36" x 74" 24" x 48" x 86"	THUNDER GROUP	CMEP2436 CMEP2448			PLAN- 5 TIER SHELVING ON 74" POSTS PLAN- 4 SHELVES AND POSTS		•	•			•		
DES11	1	EPOXY COATED WIRE RACK	24"x60"x86"	THUNDER GROUP	CMEP2460	GC TO ASSE	MBLE AS PER F	PLAN- 4 SHELVES AND POSTS	•	•				•		\wedge
DES11A DSR8	2	EPOXY COATED WIRE RACK CHROME WIRE RACK	24"x60"x74" 24" x 36" x 86"	THUNDER GROUP	CMEP2460 CMVS1842		. ~ ~ ~ ~ ~ ~ ~ ~ ~	PLAN - 5 TIER SHELVING ON 74" POSTS PLAN- 4 TIER SHELVING ON 86" POSTS		•				····		7
DSS2		STAINLESS STEEL WALL MOUNT SHELF	14" W x 48" L	GSW	WS-W1448	GC TO INSTA	LL AS PER PLA	N - ADD WALL BACKING AS NEEDED	•	•	•			•		
DSS3 E110	1	STAINLESS STEEL WALL MOUNT SHELF SAFE	14" x 60" 20x18x26	GSW MESA SAFE CO.	WS-W1460 MFL2014E			N - ADD WALL BACKING AS NEEDED DOR VIA OWNER	•	•	•			•		
E115		PAPER TOWEL DISPENSER OR EQUAL	12 3/4 x 12 1/2 x 8 1/2	SAN JAMAR	T950TBK			PED TO TOP OF THE DISPENSER		•				•		
E120 E125	1	WALL MOUNTED SOAP DISPENSER MOP RACK	6 1/8 x4 1/8 x 4 1/4" 17 11/16" X 2 5/8"	SAN JAMAR T&S BRASS	S30TBK B-0653				•	•	•			•		•
E141	1	EMPLOYEE LOCKERS	12W" x 12D" x 78H"	WIN-HOLT EQUIPMENT	WL-66/15/RD/OB	VENTED, OP	EN BASE, RIGH	T DOORS	•	•	•			•		
EPOS1	1	POS - REGISTER WITH COMPACT CASH		LQOIFMENT				DOR VIA OWNER - GC TO PROVIDE ALL			•	•		•		•
EPOS2	3	DRAWER TICKET PRINTER		NCR	7137-0035-8801	REQUIRED C		DOR VIA OWNER - GC TO PROVIDE ALL			•	•		•		•
SU	4		4.0/4 1.140.4/0 1.040.4/0 D			REQUIRED C	ONDUITS, QUA	D & DATA BOX								
EPOS3 EWS0	4	CASH DRAWER EPOXY-COATED WALL MOUNTED WIRE	4 3/4" H x 16 1/2" W x 16 1/2" D 14"x30"	NCR THUNDER GROUP	CD-101A CMEP1430			DOR VIA OWNER FF ADD WALL BACKING	•	•	•	•		•	•	•
		SHELF								<u> </u>						
EWS3 EWS6	16 4	EPOXY COATED WALL BRACKET EPOXY-COATED WALL-MOUNTED WIRE	14" 14"x60"	THUNDER GROUP THUNDER GROUP	WBEP214 CMEP1460			6'-6" AFF, ADD WALL BACKING FF ADD WALL BACKING		•	•			•		
≥ F71	1	SHELF MANAGER STATION	REFER TO PLANS	MILL WORKER / GC	REFER TO	GC TO ASSE	MBLE AND INS	ΓΔ1 I								
			INCI EIX TO PLAINS		PLANS							•		•		
F76 ST18	1	OFFICE CHAIR STAINLESS STEEL TABLE 4" REAR	2' L x 2' D x 2'11"H, 4"	DIY GSW	WT-PB2424	GC TO ASSE	MBLE AND INST	ΓALL	•	•	•			•		
	'		BACKSPLASH					0 (000) TABLE HEIGHT TO BE 35" 0.5						-		
ST48	1	STAINLESS STEEL TABLE	30"W x 48"L, 4" BACKSPLASH	GSW		TO ASSEMBL	E	S (S23) - TABLE HEIGHT TO BE 36"- GC	•	•				•		
ST114 TSJ1	1	TRASH CHUTE (IN-COUNTER, ROUND) SLIM JIM SERVICE AREA TRASH CAN	6 1/4" DIA- STAINLESS STEEL 29.88 H" x 20" W x 11" D	VOLLRATH CARLISLE	3Y0502 34202303	6" ROUND IN	HOLE - SILICO	NE ONTO COUNTERTOP			•			•		
(RR60	1		ZO.OUTI A ZU VV X II U		$\overline{}$	USED	***		—	-	~ ~ ~		~~ <u></u>	, ,		1
-	5 2	SECURITY CAMERA 360 DEGREE SECURITY CAMERA		F'ÉÉ SUPPLIED F'EE SUPPLIED				CAN AS LOW VOLT. AND TERMINATION CAN AS LOW VOLT. AND TERMINATION								
-	2	AUDIO SPEAKERS	-	F'EE SUPPLIED	-			CAN AS LOW VOLT. AND TERMINATION	_		•			•		•
E5	1	REACH-IN SOLID SWING DOOR FREEZER	54 1/8" W x 29 1/2" D x 78 3/8" H	TRUE	TS-49FG-HC~FGI	DELECTRICA	L 115 / 60 / 1 - 9	.6 A, HINGE LEFT	•	•	•			•		•
E22	1	FOOD REFRIGERATED PREP TABLE	28"L x 30"D x 37"H	TRUE	TSSU-27-08			9.9A., WITH FLAT LID	•	•	•			•		•
E27 E30	1	FOOD REFRIGERATED WORKTOP FREEZER	28"L x 30"D x 33.5"H 49"L x 30"D x 33.5"H	TRUE TRUE	TWT-27F-HC TWT-48F-HC		L - 115V/60/1 - 2 L - 115V/60/1 - 3	2.0A., HINGE RIGHT 3.2A.		•	•			•		•
E40	1	REFRIGERATOR SELF SERVICE	39" L x 28"D 78 1/2" H	TURBO AIR	TOM40-B	ELECTRICAL	L: 115 / 60 / 1 / 1	5A; INSTALL TOTAL OF (6) CASTERS,	•	•	•			•		•
		COUNTER						ID (2) AT THE CENTER EDGES TO EDGE OF THE UNIT								
E48 E51	1	DIPPER WELL SQUARE BLENDER	15 1/4" W x 10 5/8" D x 5 1/4" H 8"Wx9"Dx20.3"H	SERVER VITAMIX	87750 748		L: 120V / 400W . L: 120 V, 50/60 I			•	•			•		•
E58	2	MULTI FRUIT JUICER	20.1" x 19.7" x 11.4"	ZUMMO	Z22C		L - 110V / 60HZ	· · · · · · · · · · · · · · · · · · ·		•	•	'		•		•
E63	1	ICE MAKER	39" x 24" x 24.58"	ICE-O-MATIC	ICEU220A		L - 110V/60/1 - 1 R TO INSTALL	1.9MCA / FUSE SIZE - 15 AS PER PLAN	•	•	•			•	•	•
E64	1	REACH-IN SINGLE SOLID DOOR	27" W x 29 7/8" D x 78 3/8" H	TRUE	T-23FG-HC~FGD			.2 A, HINGE LEFT	•	•	•			•		•
E65	1	FREEZER, WITH 6" CASTERS DEEP WELL UTILTY CART	17 1/2"W x 34 1/2" L x 32 3/4" H	LAKESIDE	2521	INSTALL TO	TAL OF (4) CAS	TERS, ONE AT EACH CORNER	•	•	•			•		
E68	1	WATER FILTER		MANUFACTURING ICE-O-MATIC	IFQ1											
E99	3	SNEEZE GUARD GLASS	-	TBD	TBD						•	•		•		
E105 E158	4	SNEEZE GUARD POST OATMEAL WARMER	17 3/8" W x 15 1/4" D x 13 1/2" H	TBD ZOJIRUSHI	TBD NYC-36	ELECTRICAL	1201//1 200 1/	V, STAINLESS STEEL COLOR				•		•		•
SE-01	1	FIRE EXTINGUISHER		ZOJIKOSHI	N1C-30	ELECTRICAL	L 120V / 1,300 V	V, STAINLESS STEEL COLOR		•		•		•		_
E42 E63.1	6	DELI CASE CASTERS ICE SCOOP	-	KROWNE METAL INFRA	28-109S ISH-512	PROVIDE TO	OTAL OF 6 CAS	TERS, SEE CASTER NOTE FOR E40			•			•		
E79	1	WALK-IN COOLER	8'-4" x 8'-0" x 6'-0"	MASTER-BILT	QSB8468-CX											$\frac{1}{\sqrt{1}}$
E126 E128	2	TICKET RAIL TICKET RAIL	18" L 36" L	TABLECRAFT TABLECRAFT	5518 55536	Tivi			1					i	ri i	<u> </u>
E129	1	KNIFE RACK	24" L	ONEIDA	MTH-24P						•	•		•		
ы F3B F3C	1	WINDOW BAR ADA WINDOW BAR	12"Wx7'-0"L 12"Wx5'-0"L	TBD TBD	TBD TBD		JTCHER BLOCK	(BAR TOP (BAR TOP; POPLAR, 1 1/2" STOCK WITH	4		•	•		•		
<u> </u>	-		12 VVAU -U L			MS1 & FB3			-					-		
F25B F44	5	ADA BOLT DOWN BAR BASE - INTERIOR BACKLESS BARSTOOL	-	ASTRA ASTRA	1238 5697		E HEIGHT BAR EMBLE AND INS	BOLT DOWN BASE STALL		\vdash	•	•		•		_
¥ M1	1	NEKTER MEDALLION	47" DIAMETER	F'EE SUPPLIED		GC INSTALL	.ED				•			•		
WAF1	_ 1	HORIZONTAL WALL ART	-	F'EE SUPPLIED ARTWORK		FRANCHISE	∟ PROVIDED A 	RTWORK, GC INSTALLED			•			•		
WAF2	2	VERTICAL WALL ART	-	F'EE SUPPLIED ARTWORK		FRANCHISE	E PROVIDED A	RTWORK, GC INSTALLED			•			•		
						4DINO 20:::-	OTION O'T						NSTALL			
					PLUM	IBING CONNEC	JIIUN SIZE	-			B		BY		취	URN ON
											E TOR	-	TOR		HOOK-UP	PLUG IN/TURN ON
											CHISE		LIDA		H	[] [] [] [] [] [] [] [] [] []
											FRANCHISE		CONSOLIDATOR		PLUMBER	GC PLUG IN/TL
MARK	-	DESCRIPTION	-	ACTURER MOI			GAS CFH	REMARKS			FRANC		Ö	OG OG		3 B
FX16 S1	2	FLOOR SINK 16" WIDE HAND SINK W/ SPLASH		CURN 1900 OWNE HS-		1 1/2" 1 1/2" 2" 1 1/2"				•	-	•		•	•	_
	_	GUARDS	D = 15"					COMPOSITE SINKS OF TO FIGE								
S7 & S8	T	MOP SINK COMPOSITE/MOP SINK w/ BACK FLOW PREVENTER DEVICE	MOUNTING MIXING	EE/ T& S 63N B-0665	-BSTR			COMPOSITE SINKS OK TO USE IN LIEU OF SST		•	•			•	•	
S17	1	SINGLE COMPARTMENT SINK (LEFT DRAIN BOARD)	24" x 39 1/8" x 45"	SSW SE18	181L 1/2" 1/2"	2" 1 1/2"		MUST HAVE A WASTE HANDLE BRACKET PER BOEL TRAP (FX25)	•	•	•			•	•	
S57	2	3 COMPARTMENT SINK - CORNER	57 1/2"x57 1/2"x30"	SSW SE18	183C 1/2" 1/2"	2" 1 1/2"		MUST HAVE A WASTE HANDLE	•	•	•			•	•	
								BRACKET PER BOWL FOR TRAP (FX25)								
S62 S73 (7	WASTE VALVE FAUCET ASSEMBLY AT		BRASS B-0230-	CR-I NI			QUARTER TURN CERMA	<u>_</u>		•			•	•	
313	2	3-COMPARTMENT CORNER AND	- I&S	BR-023	30-LN,			CARTRIDGES, LOW LEAD, ADA	-		•			•	•	
		SINGLE COMPARMENT SINK	}	060X, B	-0230-K			COMPLIANT. 8" STANDARD NOZZLE, STREAM OUTLET, LOW LEAD,	3	{						
S75	1	SINGLE FAUCET WALL-MOUNT FILLER		BRASS B-02	212			CHROME-PLATED BRASS. SINK FAUCET WITH 6" SWING NOZZLE	3		-			•	•	
	, ,				S			WALL MOUNTED	'		~\-		\	~~		
S76	1	THREE COMPARTMENT SINK - PRE-RINSE & FAUCET ASSEMBLY	- T&S	BŔASŚ 5PR-8 B-02				EQUIP PRE-RINSE UNIT, 8" CENTERS, WALL MOUNT BASE, 6" BRACKET, 12"			•			•	•	1
WH-1	1	WATER HEATER	55"H x 20.5" DIAM. A.O.	. SMITH DEN	mulu	fulu	h	ADD-ON FAUCET	1		4		~	~~		<u></u>
\/\/ 	. 1	WATER DEALER	OUTTAZU.U DIAIVI. A.U.	. OWITTE DEN	3/4 3/4"									•		,

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW Kinetic Design

20381 Lake Forest Dr. Suite B16 Lake Forest, CA. 92630

Main. 951.710.6334 Web. kineticdesign.build Email. info@kineticdesign.build

NOT FOR CONSTRUCTION

THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
APPROVAL FROM THE ARCHITECT AND GOVERNING JURISDICTIONS MUST BE ATTAINED PRIOR TO THE ISSUANCE OF CONSTRUCTION DID COMENTS. THE ARCHITECT AND HIS CONSULTANTS ARCHITECT AND HIS CONSULTANTS
ASSUME NO RESPONSIBILITY FOR
CONSTRUCTION BIDS OR CONSTRUCTION PERFORMED FROM THESE DRAWINGS.

REVISIONS

No.	DATE	DESCRIPTION
1	09-22-21	PCC #1, CLIENT AND LANDLORD REVISIONS

CLIENT INFORMATION



nékter

NEKTER - LEE'S SUMMIT, N 940 NW PRYOR ROAD, UNIT: G, LEE'S SUMMIT, MISSOURI 64081

AS NOTED

PROJECT NUMBER

			Ll	JMINAIR	E SCHEDULE	
TAG	MANUFACTURER & MODEL NO.	LAMP	ССТ	VA SYSTEMS WATTS	GENERAL DESCRIPTION	NOTES
LTF-1	LITHONIA LIGHTING EPANEL-24-40L-35K OR APPROVED EQUAL	LED	3500	39	2'X4' LAY-IN TROFFER (WHITE COLOR TRIM) W/ INTEGRAL 90-MIN EMERGENCY BATTERY BACK-UP	INTERIOR
LRC-1	AMERLUX HOUSING: CLX-R6-NC-A17-25-120-D10V TRIM: CLX-RD6-A17-SDW-FL-3500K-83 OR APPROVED EQUAL	LED	3500	25	6" RECESSED LENSED LED DOWNLIGHT (MATTE WHITE TRIM)	INTERIOR
LEB-1	JUNO HOUSING: IC22 SERIES TRIM: 28W-WH EYEBALL OR APPROVED EQUAL	LED	3500	14	6" WALLWASH DOWNIGHT	INTERIOR
DLB-1	KUZCO LIGHTING PD1712-BK OR APPROVED EQUAL	LED	2700	12	11-3/4" DIA CHROMA PENDANT	INTERIOR
LTB-6	WAC LIGHTING MO-2020-935-BK OR APPROVED EQUAL	LED	3500	20	SILO X20 MOMOPOINT	INTERIOR
LE-2	LITHONIA LIGHTING LX-W-G	LED		2.5	EXIT LIGHT, GREEN LETTERS AC ONLY	INTERIOR

BACK OF HOUSE TYP. 103 308 SF EF 2 EB- TYP. RC- JUICING & TYP. BLENDING 102 174 SF	A-3/3EM A-3/3EM A-3/3EM A-3/3EM A-3/3EB A-3/5EM A-3/5EM A-3/5EM A-5/5EM A-5/5EM A-1a A-1a A-1a A-1a A-1c A-1c	RESTROOM 104 66 SF
STORE 101 211 SF	A-1d/1EB	
TB-0 TYP.	A-5 OLB- TYP. LE-2 TYP.	

LIGHTING PLAN GENERAL NOTES

- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION & ELVATION OF ALL LIGHTING FIXTURES AND ALL DEVICES. ALL WALL-MOUNTED DEVICE HEIGHTS SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- 2. VERIFY EXACT CEILING CONSTRUCTION WITH ARCHITECTURAL REFLECTED CEILING PLAN AND PROVIDE LIGHTING FIXTURES WILL ALL NECESSARY MOUNTING HARDWARE.
- 3. ALL RECESSED FIXTURES SHALL BE PROVIDED WITH ALL REQUIRED STRUCTURAL SUPPORTS AS REQUIRED BY THE CURRENTLY ADOPTED ISSUE OF THE IBC, OR CBC WHERE ADOPTED, IN ADDITION TO ANY LOCAL CODES.
- 4. ALL DIMMING BRANCH CIRCUITS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR FOR EACH ZONE/CHANNEL..
- 5. ALL EMERGENCY BATTERY PACK FIXTURES SHALL BE PROVIDED WITH A CONSTANT HOT CONNECTION TO THE CHARGING LEAD.
- 6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXIT SIGN CHEVRONS AND NUMBER OF FACES PER EXIT SIGN. ANY DISCREPANCIES BETWEEN EXIT SIGNS SHOWN ON THE ELECTRICAL AND ARCHITECTURAL PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO ORDERING EXIT SIGNS.
- 7. PROVIDE ADDITIONAL J-BOX NEAR PANEL FOR MULTIPLE HOMERUN CIRCUITRY.

KEY NOTES

- 1 LOCATION OF SWITCH BANK
- RUN LIGHTING CIRCUIT VIA SWITCH, PROVIDE ADDITIONAL HOT WIRE FOR EXIT SIGN AND EMERGENCY LIGHTS.
- PROVIDE OCCUPANCY SENSOR FOR FULLY SHUT OFF, PROVIDE ADEQUATE SENSOR DEVICES SENSING ENTIRE ENCLOSED SPACE WHERE THE SYMBOL LOCATED.
- LIGHTING INSIDE THE COOLER/FREEZER SHALL BE PROVIDED BY THE COOLER/FREEZER MANUFACTURER. FINAL CONNECTION BY E.C. SEE POWER PLAN FOR BRANCH CIRCUIT
- PROVIDE AN EYS FITTING FOR CONDUITS THAT ENTER AND EXIT FREEZERS AND COOLER. OBTAIN APPROVAL FROM INSPECTOR PRIOR TO INSTALLING SEALANT.
- 6 CONNECT EXHAUST FAN TO LIGHT FIXTURE, (INTERLOCKED TO THE LIGHT CONTROL SWITCH).



RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW

Kinetic Design
20381 Lake Forest Dr. Suite B16

Lake Forest, CA. 92630

Main. 951.710.6334 Web. kineticdesign.build Email. info@kineticdesign.build



NOT FOR CONSTRUCTION

THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

APPROVAL FROM THE ARCHITECT AND GOVERNING JURISDICTIONS MUST BE ATTAINED PRIOR TO THE ISSUANCE OF CONSTRUCTION DOCUMENTS. THE ARCHITECT AND HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR CONSTRUCTION BIDS OR CONSTRUCTION PERFORMED FROM THESE DRAWINGS.

REVISIONS

).	DATE	DESCRIPTION
1	09-22-21	PCC #1, CLIENT AND LANDLORD REVISIONS

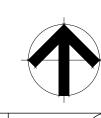
CLIENT INFORMATION

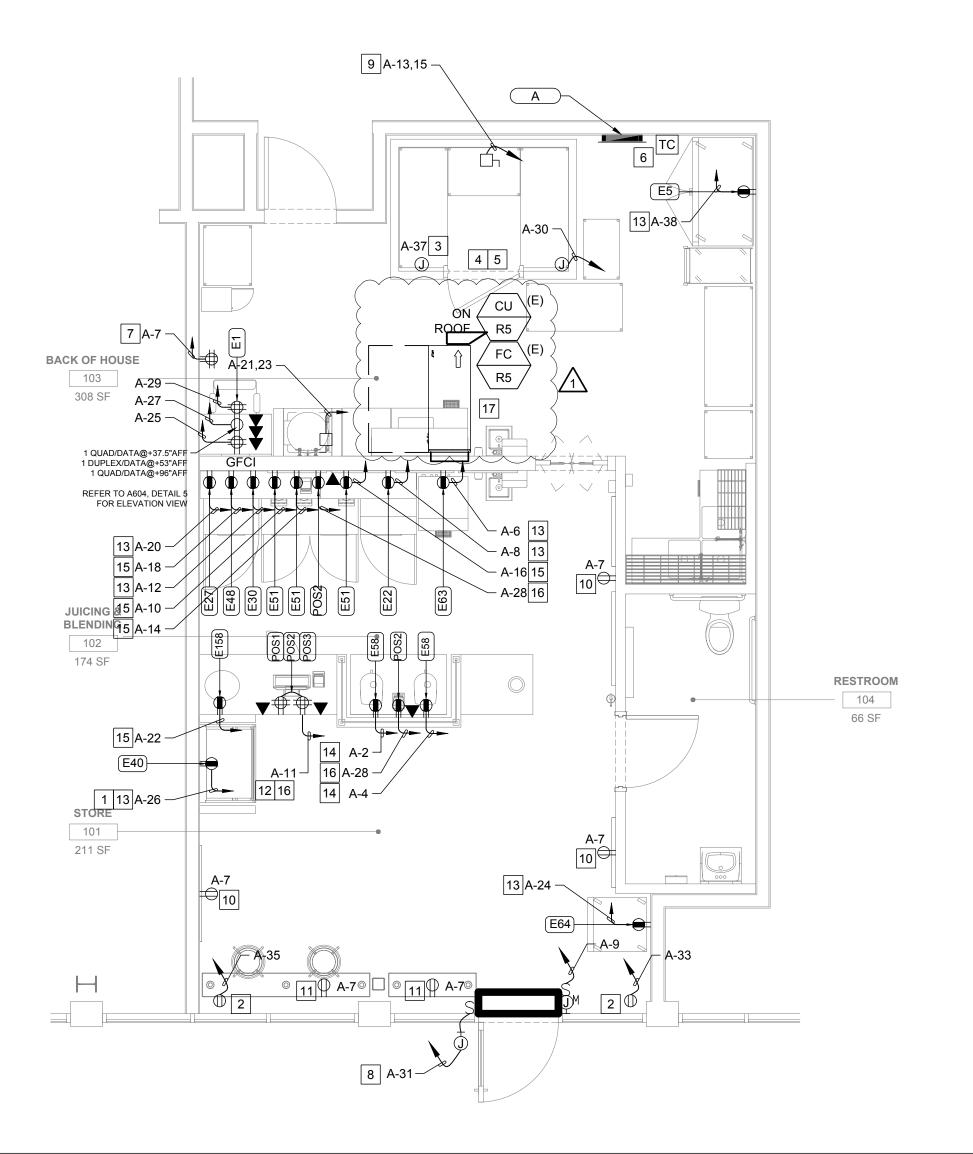


R - LEE'S SUMMIT, MO

SHEET

E201





POWER PLAN GENERAL NOTES

- 1. ALL RECEPTACLES ON COMMON WALLS SHALL BE SEPARATE BOXES AND OFFSET 24" MINIMUM.
- MULTI-WIRED (SHARED NEUTRAL) BRANCH CIRCUITS SHALL NOT BE INSTALLED. ALL 120 & 277 VOLT BRANCH CIRCUITS SHALL HAVE A DEDICATED INDIVIDUAL NEUTRAL CONDUCTOR.
- 3. PROVIDE G.F.C.I. TYPE RECEPTACLE(S) OR RECEPTACLE(S) PROTECTED BY GFCI CIRCUIT BREAKER(S) WHEN LOCATED WITHIN 6 FEET OF ANY SINK OR THERAPEUTIC TUB, SERVIING ANY DRINKING FOUNTAIN OR VENDING MACHINE, WITHIN ANY KITCHEN SPACE AND/OR LOCATED OUTDOORS. WHERE RECEPTACLES ARE NOT READILY ACCESSIBLE, PROVIDE GFCI CIRCUIT BREAKER(S) TO PROTECT THE RESPECTIVE BRANCH CIRCUIT AND PROVIDE ADDITIONAL NEUTRAL CONDUCTORS IN THE BRANCH CIRCUITING AS REQUIRED TO ENSURE PROPER GFCI FUNCTION.
- 4. ALL 15- AND 20- AMPERE, 125- AND 250-VOLT NONLOCKING TYPE RECEPTACLES THROUGHOUT BUILDING SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES, NO EXCEPTIONS.
- 5. ALL RECEPTACLES IDENTIFIED AS WEATHERPROOF ON THE DRAWINGS SHALL BE WEATHER-RESISTANT, TAMPER-RESISTANT, GFCI TYPE AND EQUIPPED WITH ENCLOSURE THAT IS WEATHERPROOF (WP) WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED (WHILE "IN-USE"). AN OUTLET BOX HOOD SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUTY".

POWER PLAN KEYNOTES

- 1 PROVIDE RECEPTACLES MOUNTED WITHIN MILLWORK FOR EQUIPMENT. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH GC PRIOR TO BID AND ROUGH-IN.
- 2 RECEPTACLE FOR SHOW WINDOW AS REQUIRED BY CODE. VERIFY WITH LOCAL AGENCY. CONNECT TO CIRCUIT NOTED.
- PROVIDE 120V POWER FOR WALK-IN COOLER LIGHTS AND DOOR HEATER.
 CONTRACTOR SHALL INSTALL, WIRE AND PROVIDE LAMPS FOR WALK-IN
 COOLER LIGHTS.
- MAKE PENETRATIONS IN WALK-IN COOLER W/ CONDUIT SEALING FITTINGS & NIPPLE TO CAST FIXTURE J-BOX. CIRCULATION OF AIR FROM WARMER TO COLDER SECTIONS OF INTERIOR RACEWAY SYSTEM EXPOSED TO WIDELY DIFFERENT TEMPERATURES SHALL HAVE JOINTS FOR CONDUIT AS REQUIRED TO COMPENSATE FOR THERMAL EXPANSION AND CONTRACTION. PROVIDE SEALING COMPOUND AFTER WIRING IS FINISHED.
- 5 REQUIREMENTS FOR WALK-IN COOLER:
- A. PROVIDE WIRING TO EVAPORATOR
- B. PROVIDE CONTROL WIRING BETWEEN CONDENSER & EVAPORATOR IF REQUIRED BY INSTALLATION INSTRUCTION
- C. INSTALL FREEZER & COOLER LIGHT FIXTURES THAT ARE SHIPPED LOOSE.
- D. D. PROVIDE POWER AND CONTROL WIRING FOR FREEZER CONDENSER AND HEAT TAPE DIRECTLY FROM FREEZER CONDENSER.
- E. VAPOR SEAL ALL CONDUIT PENETRATIONS.
 PENETRATIONS MUST BE PROPERLY SEALED AGAINST COLD LOST AND
 INFILTRATION TO PREVENT CONDENSATION AND ICE FORMATION.
 SILICONE CAULKING IS THE RECOMMENDED SEALANT AROUND
 PENETRATED ITEMS.
- 6 PROVIDE ASTRONOMICAL TIMECLOCKS, MOUNTED AT 44" AFF, COORDINATE LOCATION WITH LANDLORD.
- PROVIDE 24"X24"X3/4" FIRE RATED PLYWOOD BACKBOARD WITH QUAD RECEPTACLE ELECTRICAL CONTRACTOR TO PROVIDE TELEPHONE CONDUIT FROM LANDLORD'S DEMARK, CONTRACTOR TO VERIFY DEMARK LOCATION PRIOR TO BID. PROVIDE FIRE RATED LABEL AND DO NOT PAINT BACKBOARD.
- PROVIDE WEATHERPROOF J-BOX AND MANUAL DISCONNECT SWITCH FOR CONNECTION TO BUILDING EXTERIOR SIGN(S), SIGN CONTROLLED BY ASTRONOMICAL PROGRAMMABLE TIME CLOCK. COORDINATE WITH LANDLORD REQUIREMENTS AND SIGNAGE VENDOR.
- 9 PROVIDE A 60AS/50AF/3P DISCONNECT SWITCH ON WALL FOR WALK-IN COOLER CONDENSING UNIT.
- PROVIDE DUPLEX/USB OUTLETS IN MILLWORK 22" AFF AS SHOWN. COORDINATE INSTALLATION WITH MILLWORK DRAWINGS.
- PROVIDE DUPLEX/USB OUTLETS IN MILLWORK 44" AFF AS SHOWN.
- COORDINATE INSTALLATION WITH MILLWORK DRAWINGS.
- 12 SNUG UNDER COUNTERTOP SEE MILLWORK ELEVATIONS

 13 POWER @+18" AFF
- 14 POWER @+30" AFF
- 15 POWER @+42" AFF
- 16 DATA/POWER @+65" AFF
- [17] CONTRACTOR TO RE-ROUTE EXISTING CONNECTION UNIT TO NEW PANEL.



RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW

20381 Lake Forest Dr. Suite B16 Lake Forest, CA. 92630 Main. 951.710.6334 Web. kineticdesign.build Email. info@kineticdesign.build



NOT FOR CONSTRUCTION

THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. APPROVAL FROM THE ARCHITECT AND GOVERNING JURISDICTIONS MUST BE ATTAINED PRIOR TO THE ISSUANCE OF CONSTRUCTION DOCUMENTS. THE ARCHITECT AND HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR CONSTRUCTION BIDS OR CONSTRUCTION PERFORMED FROM THESE DRAWINGS.

REVISIONS

DATE	DESCRIPTION
09-22-21	PCC #1, CLIENT AND LANDLORD REVISIONS

CLIENT INFORMATION



TER - LEE'S SUMMIT, MO
W PRYOR ROAD, UNIT: G,
UMMIT, MISSOURI 64081

076 CHECKED

JB WR

09/22/21

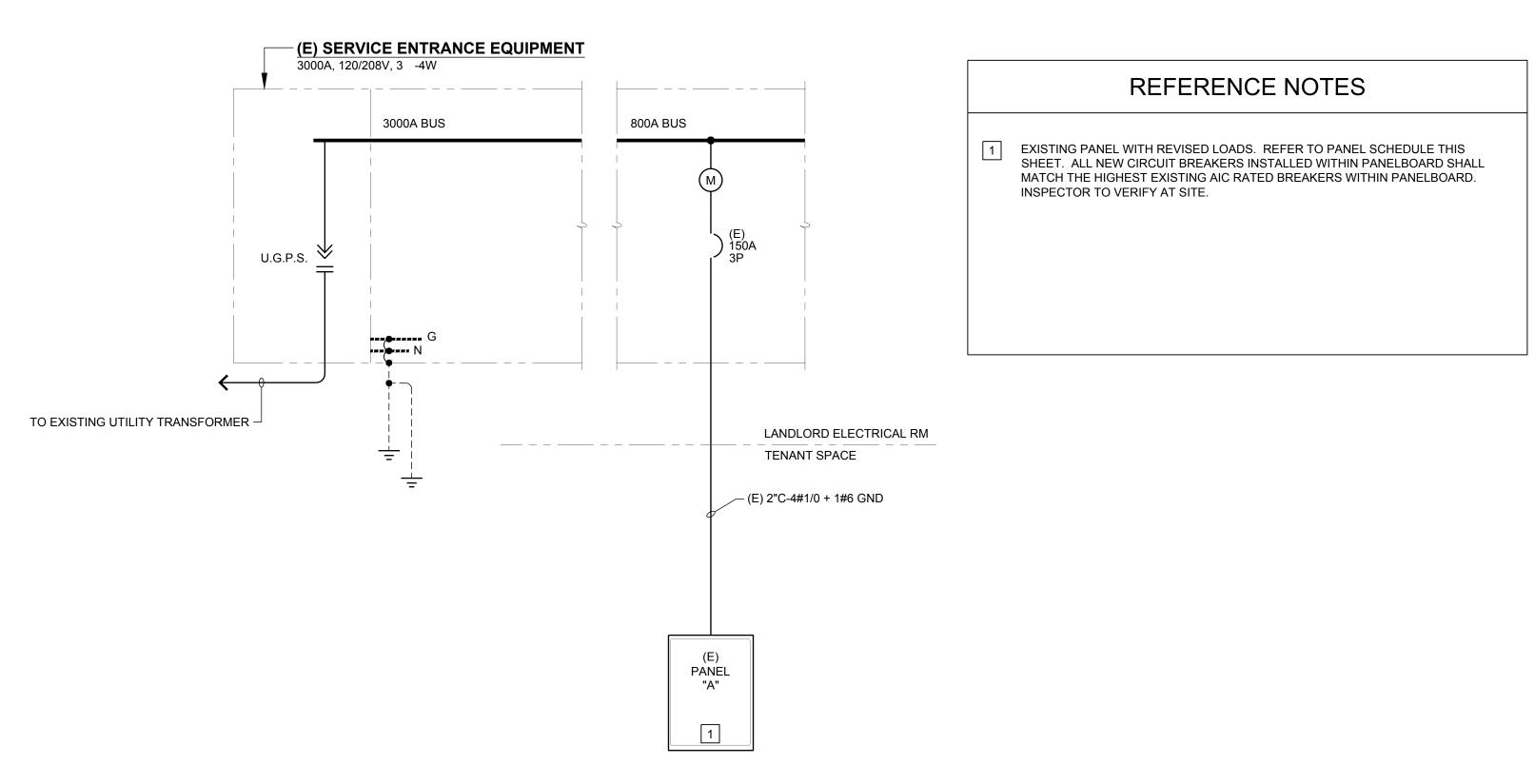
AS NOTED

SCALE
PROJECT NUMBER

SHEET

E301





PARTIAL SINGLE LINE DIAGRAM SCALE: NONE

FR:	MOUNTING: RECESSED NEMA 3R: NO FEED THRU: NO	D	OUBLE LUG: 200%: I/G BUS:	NO NO	VOLTS: PHASES: WIRE:	208Y/120\ 3	<u>′</u>			UB-METER: TION TYPE:		*PANEL IS E MAIN: MLO BUS: 225A A.I.C.: 18,000	:XISTING	خ ا
L C O I A R D C		TRIP		A	В	С	A	В	С		TRIP		C I R C	DE
S	DESCRIPTION	AMPS	POLES							POLES	AMPS	DESCRIPTION		S S
L 1 BOH/STORE		20A	1	485			1300			1	20A		JLTI JUICER 2	\rightarrow
L 3 FOH/HALLW		20A	1		507			1300		1	20A		JLTI JUICER 4	\vdash
R 5 LOW VOLTA		20A	1	_22.0		500	_0.0		1309	1	20A	E22 FOOD REFRIGERATED P	ICE MAKER 6	
R 7 CONVIENENC		20A	1	500			564			1	20A	I .	LENDER#1 10	\sim
M 9 E136 AIR CU		20A	1		276	000		1560	200	1	20A	E30 WORKTO		\times
R 11 POS1/POS2/ K 13 E79 WALK-II		20A	1	245		600	4500		368	1	20A		LENDER #2 14	
K 15	NCOOLER -	20A	2	345	345	- 0	1560	1560		1	20A 20A	1	LENDER #3 16	
M 17 (E) FC-R5		15A	2		343	676		1360	400	1	20A 20A	E48 DIPPER WEL		
M 19				676		676	230		400	1	20A 20A	E27 FOOD REFF		
N 21 WA1		 ->30A		070	1498		230	1300		1	20A 20A	E158 OATMEA		
N 23					1430	1498		1300	1265	1	20A	E64 REACH-IN REFR		
	ON (COMPUTER MONITOR)	20A	1	360		1430	1725		1200	1	20A	E40 REFRIDGE SEL		
	ON (SECURITY MONITOR)	20A	1		360		1124	300		1	20A		(PRINTER) 28	
	ON (POS & COMPUTER)	20A	1			_ 600			1020	100	20A		E COOLER 30	
L 31 SIGNAGE	,	20A	1	1200	,		3411	Y Y Y	V - V	2	50A	V V V V V V V V	(E) CU-R5 32	
R 33 WINDOW RE	C.	20A	1		500			3411						M
R 35 WINDOW RE	С.	20A	1			500		1		\ <u>\</u>	20A		SPARE 36	
L 37 WALK-IN CO	OLER LTG	20A	1	300			1104			1	20A	E5 REA CH-IN SOLID SWING DOO	E FREEZER 38	κO
39 SPACE													SPACE 40	
41 SPACE													SPACE 42	
					ØA .		IB.	Ø		_	2000			
			D DEMAND: MAND AMPS:		719	97	669	750 63			59%	PERCENT BALANCE		
10	AD CLASSIFICATION	TOTAL DEN		106 ECTED LOA			MAND FAC			IMATED DE	MAND	PANEL LOADS		
	CONTINUOUS LOAD =	С	CONTIN	0			125%	TOIL	201	0	100 410	174422 20780		
	KITCHEN EQUIPMENT LOAD =		,	16535			65%			10748		TOTAL CONN. LOAD (VA):	35413	
	LIGHTING LOAD =			2492			125%			3115		TOTAL EST. DEMAND (VA):	31954	
	MOTOR LOAD =			8450			100%			10156		TOTAL CONN. (AMPS):	98	
	NON-CONTINUOUS LOAD =	1,00		2996			100%			2996		TOTAL EST. DEMAND (AMPS):	89	
	PANEL LOAD = RECEPTACLE LOAD =			0 4940			100% 100%			0 4940				
NEL SCHEDULE NO 1 PROVIDE LOC 2 PROVIDE LOC 3 PROVIDE GFC 4 PROVIDE A NE	<u>DTES:</u> K-ON DEVICE. K-OFF DEVICE.					PE CIRCUIT		₹	1	.5.10				

CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
10/04/2021

Kinetic Design

20381 Lake Forest Dr. Suite B16 Lake Forest, CA. 92630

Main. 951.710.6334 Web. kineticdesign.build Email. info@kineticdesign.build

RELEASE FOR



NOT FOR CONSTRUCTION

THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
APPROVAL FROM THE ARCHITECT AND GOVERNING JURISDICTIONS MUST BE ATTAINED PRIOR TO THE ISSUANCE OF CONSTRUCTION DOCUMENTS. THE ARCHITECT AND HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR CONSTRUCTION BIDS OR CONSTRUCTION PERFORMED FROM THESE DRAWINGS.

REVISIONS

⋝			
ΈR	No.	DATE	DESCRIPTION
TEN PERM	1	09-22-21	PCC #1, CLIENT AND LANDLORD REVISIONS
USED WITH WRIT			
HIM (
LY BE			
AN ONLY BE			

CLIENT INFORMATION



NEKTER - LEE'S SUMMIT, MO 940 NW PRYOR ROAD, UNIT: G, LEE'S SUMMIT, MISSOURI 64081

DRAWN
DATE

SCALE

PROJECT NUMBER

DATE

O9/22/21

AS NOTED

SHEET

E401

Project Information

2015 IECC Energy Code: Project Title: Project Type: New Construction

Designer/Contractor: Construction Site: Owner/Agent: 940 NW Pryor Road, Retail Space 5 Kinetic Design 1260 Corona Point Court Lees Summit, MO 64081 Corona, CA 92879 Additional Efficiency Package(s) (951) 710-6334 info@kineticdesign.build

Unspecified

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft		D Allowed Watt (B X C)	
1-Nekter (Common Space Types:Sales Area)	800	1.59		1272	
	То	tal Allowed W	/atts =	1272	
Proposed Interior Lighting Power					
A	В	С	D	E	
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	Lamps/ Fixture	# of Fixtures	Fixture Watt.	(C X D)	
1-Nekter (Common Space Types:Sales Area)					
LED 1: LTF-1: 2'X4' TROFFER: Other:	1	5	39	195	
LED 2: LRC-1: DOWN LIGHT: Other:	1	10	25	250	
LED 3: LEB-1: DOWNLIGHT ADJUSTABLE: Other:	1	6	14	84	
LED 4: DLB-1: Pendant: Other:	1	6	12	72	
LED 5: LTB-6: Momopoint: Other:	1	2	20	40	
		Total Propos	sed Watts =	641	

Interior Lighting PASSES: Design 50% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.1 and to comply with any applicable mandatory

requirements listed in the Inspection Checklist.	. 0.	
Wenceslao Raymundo	Whaymas	07-30-2021
Name - Title	Signature	Date

Project Title:	Tekter
Data filename:	\\10.6.0.15\KineticDesign\Nekter\Nekter Juice Bar - Lee's Summit, MO\02_Drawings\03_Electrical\Comcheck\Nekter.cck

Report date: 07/30/21 Page 1 of 5

COMcheck Software Version 4.1.5.1 Inspection Checklist Energy Code: 2015 IFCC Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the COM*check* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	□Complies □Does Not □Not Observable □Not Applicable	

Additional Comments/Assumptions:

C405.2.1	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
LLIJ	Lighting controls installed to uniformly reduce the lighting load by at least	□Complies □Does Not	
	50%.	□Not Observable □Not Applicable	
	Occupancy sensors installed in required spaces.	□Complies □Does Not	
		□Not Observable □Not Applicable	
		□Complies □Does Not	
3	manual controls readily accessible and visible to occupants.	□Not Observable □Not Applicable	
	Automatic controls to shut off all building lighting installed in all	□Complies □Does Not	
	buildings.	□Not Observable □Not Applicable	
	Daylight zones provided with individual controls that control the	□Complies □Does Not	
	lights independent of general area lighting.	□Not Observable	
	Primary sidelighted areas are	□Not Applicable □Complies	
1,	equipped with required lighting controls.	□Does Not □Not Observable	
C405.2.3. 2 [EL20] ¹		□Not Observable	
C405.2.3. 1,	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
[EL4] ¹	Separate lighting control devices for specific uses installed per approved lighting plans.	□Complies □Does Not □Not Observable □Not Applicable	
[EL8] ¹		☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
	Exit signs do not exceed 5 watts per face.	□Complies □Does Not □Not Observable	
- man () man		□Not Observable □Not Applicable	

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5. 2 [FI17] ³	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	□Complies □Does Not □Not Observable □Not Applicable	
C405.4.1 [FI18] ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	□Complies □Does Not □Not Observable □Not Applicable	See the Interior Lighting fixture schedule for values.
C408.2.5. 1 [FI16] ³	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	□Complies □Does Not □Not Observable □Not Applicable	
C408.3 [FI33] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	□Complies □Does Not □Not Observable □Not Applicable	

Additional Comments/Assumptions:

	1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Ti	er 3)		
Project Title:	Tekter			Report date:	07/30	/21
Data filename:	\\10.6.0.15\KineticDesign\Nekter\Ne MO\02_Drawings\03_Electrical\Como			Page	2 of	5

Project Title: Tekter Data filename: \\10.6.0.15\KineticDesign\Nekter\Nekter Juice Bar - Lee's Summit, MO\02_Drawings\03_Electrical\Comcheck\Nekter.cck

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) Report date: 07/30/21 Page 4 of 5 Project Title: Tekter

Data filename: \\10.6.0.15\KineticDesign\Nekter\Nekter Juice Bar - Lee's Summit,

MO\02_Drawings\03_Electrical\Comcheck\Nekter.cck

CONSTRUCTION
AS NOTED ON PLANS REVIEW Kinetic Design 20381 Lake Forest Dr. Suite B16

Email. info@kineticdesign.build

Lake Forest, CA. 92630

Main. 951.710.6334 Web. kineticdesign.build

NOT FOR CONSTRUCTION

THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. APPROVAL FROM THE ARCHITECT AND GOVERNING JURISDICTIONS MUST BE ATTAINED PRIOR TO THE ISSUANCE OF CONSTRUCTION DOCUMENTS. THE ARCHITECT AND HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR CONSTRUCTION BIDS OR CONSTRUCTION PERFORMED FROM THESE DRAWINGS.

N, CAN ONLY BE USED WITH WRITTEN PERMISSIC		REVISIONS		
ΈRI	No.	DATE	DESCRIPTION	
TENF	1	09-22-21	PCC #1, CLIENT AND LANDLORD REVISIONS	
I WRIT				
- MIT⊦				
USED				
LY BE				
AN ON				
Ś	CLIEN	IT INFORM	ATION	

Report date: 07/30/21

Page 5 of 5

09/22/21 里 SCALE AS NOTED

PROJECT NUMBER