

SCOPE OF WORK

UPGRADE THE EXISTING 200A, 120/208V, 3-PHASE SERVICE TO 400 AMP 120/208V - 3Ø SERVICE. PROVIDE NEW 400A 120/208V NEW PANEL "A" AND ALL NECESSARY EQUIPMENT AND ALL WIRING AND LIGHTING FOR NEW RESTAURANT BUILDOUT INCLUDING WIRING FOR NEW KITCHEN EQUIPMENT. COORDINATE WITH G.C. FOR LOW VOLTAGE WIRING.

ELECTRICAL PLAN NOTES

- ELECTRICAL CONTRACTOR SHALL REVIEW ALL DRAWINGS OF THIS SET.
- CONTRACTOR TO VERIFY THAT ALL EQUIPMENT SHOWN AS EXISTING MATCHES THE DESCRIPTIONS AND SPECIFICATIONS SHOWN ON DRAWINGS AND SCHEDULES. IF DIFFERENT, NOTIFY ARCHITECT/ENGINEER BEFORE BIDDING, ORDERING, OR PROCEEDING WITH WORK.
- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED. CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, CONTRACTOR SHALL NOTIFY THE OWNER OR HIS REPRESENTATIVE AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL OWNER HAS DIRECTED CORRECTIVE ACTION TO BE TAKEN.
- ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATIONS INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. EXISTING CONDITIONS OF ELECTRICAL EQUIPMENT, LIGHT FIXTURES, ETC., THAT ARE PART OF THE FINAL SYSTEM SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO SUBMITTING HIS BID.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 EDITION OF THE NATIONAL ELECTRIC CODE AND ALL CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
- DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION FOR ALL EQUIPMENT. CONFIRM WITH OWNER'S REPRESENTATIVE.
- ALL ELECTRICAL NOT BEING REUSED MUST BE REMOVED IN ITS ENTIRETY.
- ALL CONDUIT IN OR UNDERGROUND OR IN CONCRETE MUST BE RIGID GALVANIZED STEEL.
- CIRCUIT BREAKERS AND PANELS TO BE BOLT ON TYPE
- ALL EQUIPMENT SHALL BE APPROVED BY UL OR OTHER NATIONALLY RECOGNIZED TESTING COMPANY.
- ALL RECEPTACLES SHALL BE GROUNDED AS REQUIRED BY NEC 250.146
- SUBMIT SERVICE ENTRANCE EQUIPMENT FOR SEPARATE APPROVAL.
- ALL LOW VOLTAGE MUST BE IN CONDUIT TO ABOVE THE DROP CEILING. BRIDAL RINGS OR "J" HOOKS REQUIRED.
- SEPARATE PERMITS ARE REQUIRED FOR ALL LOW VOLTAGE SUCH AS TELEPHONE, DATA, THERMOSTAT, MUSIC, ALARMS ETC.
- SEPARATE PERMIT REQUIRED FOR SIGNAGE.
- PRIOR TO ANY CONSTRUCTION WORK BEGINNING AN ON-SITE MEETING WITH GENERAL CONTRACTORS IS REQUIRED.
- ELECTRICIAN MUST BE ON SITE FOR ALL INSPECTIONS.
- MINIMUM WIRE SIZE SHALL BE #12 AWG EXCLUDING CONTROL WIRING. ALL CONDUCTORS SHALL BE COPPER AND UNLESS OTHERWISE NOTED THIN INSULATION.
- OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, PLASTIC AND CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS, AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE N.E.C. OR LOCAL CODES.
- ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTED BY ENGINEER/ARCHITECT.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE THAT CERTIFICATE OF OCCUPANCY IS ISSUED. WARRANTY SHALL BE PROVIDED IN WRITING. PROVIDE COPY TO LL.
- CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
- ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT.
- THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES.
- CONTRACTOR SHALL COORDINATE WITH MECHANICAL DRAWINGS AND PROVIDE ALL NECESSARY CONTROL WIRING.
- ALL CIRCUIT BREAKERS FEEDING MECHANICAL EQUIPMENT SHALL BE HACR TYPE CIRCUIT BREAKERS.
- PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WRES, BOXES, COVER PLATES, DEVICES, ETC. FOR ALL OUTLETS AS INDICATED.
- MATERIALS, PRODUCTS, AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UL LIST OF APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF N.E.C., NEMA, AND IEC.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR CUT SHEETS OF LIGHTING FIXTURES, SWITCHES, AND OTHER ELECTRICAL ITEMS FOR APPROVAL BY ENGINEER/ARCHITECT.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING AND FIRED CAULKING REQUIRED OF HIS WORK.
- ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS W/TYPE WRITTEN DIRECTORIES.
- ALL ELECTRICAL AND COMMUNICATIONS OUTLETS TO BE AT 24" A.F.F. UNLESS NOTED OTHERWISE, AND VERTICALLY MOUNTED.
- ALL LIGHT SWITCHES TO BE AT 42" A.F.F.
- ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL ELECTRICAL WIRING FOR HVAC SYSTEM INCLUDING CONTROLS, THERMOSTATS, POWER, ETC. SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- BREAKER AND PANELS -- ALL CURRENT CARRYING BUSES SHALL BE COPPER. ALL GROUND BUS BARS SHALL BE COPPER. PANEL BOARD ENCLOSURES SHALL BE FURNISHED WITHOUT PRE-PUNCHED CONCENTRIC HOLES. A.I.C. RATINGS SHALL BE AS INDICATED ON PANEL BOARD SCHEDULES.
- DISCONNECT SWITCHES SHALL BE H.P. RATED, GENERAL DUTY, QUICK-MAKE, QUICK-BREAK ENCLOSURES AS REQUIRED BY EXPOSURE.
- MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC, WITH OVERLOAD RELAYS IN EACH HOT LEG.
- THE TERM "PROVIDE" USED IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS INDICATES THE CONTRACT SHALL FURNISH AND INSTALL.
- CONTRACTOR SHALL CONFIRM WITH ANY AND ALL REQUIREMENTS SUCH AS: LUG SIZE RESTRICTIONS, CONDUIT ENTRY, TRANSFORMER SIZE, SCHEDULED DOWN TIME FOR OWNERS CONFIRMATION, ETC. ANY CONFLICTS SHALL BE BROUGHT TO ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK.
- VOLTAGE DROP FOR ALL BRANCH CONDUCTORS SHALL NOT EXCEED 3%. WHERE VOLTAGE DROP EXCEEDS 3%, CONTRACTOR SHALL INCREASE SIZE OF CONDUCTORS.
- CONTRACTOR SHALL PROVIDE GFI TYPE BREAKER FOR ALL EXTERIOR 120V CIRCUITS OR GFI PROTECTION -- FOR THE WHOLE CIRCUIT.
- GAS PIPING SHALL BE BONDED.
- ELECTRICAL CONTRACTOR SHALL COORDINATE SERVICE ENTRY WITH SERVICE PROVIDER PRIOR TO DETERMINING EXACT LOCATION OF THE METER BOX IN ORDER TO AVOID DISCREPANCIES BETWEEN DRAWINGS AND JOB CONDITIONS.
- ALL OUTDOOR EQUIPMENT SHALL BE WEATHERPROOF.
- CONSTRUCTION "AS BUILT" DRAWINGS AND DOCUMENTS SHALL BE PROVIDED TO THE OWNER WITHIN 30 DAYS AFTER THE DATE OF ACCEPTANCE. PROVIDE A COPY TO LL.
- OPERATION MANUALS AND MAINTENANCE MANUALS SHALL BE PROVIDED TO THE BUILDING OWNER.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING AND FIRE CAULKING REQUIRED OF HIS WORK.
- ABSOLUTELY NO FLEXIBLE CONDUIT IS PERMITTED IN DEMISING WALLS. FLEXIBLE CONDUIT IS PERMITTED FOR SHORT FINAL CONNECTIONS ONLY (6'-0" OR LESS).
- EXPOSED CONDUIT SHALL BE INSTALLED IN STRAIGHT LINES, PARALLEL OR IN RIGHT ANGLES TO THE BUILDING STRUCTURE. DO NOT LOOP EXCESS FLEXIBLE CONDUIT IN CEILING SPACE OR WALL CAVITY. NO CONDUIT TO BE SUPPORTED FROM THE ROOF DECK.
- CABLE TYPES AC AND NM CABLES ARE NOT ACCEPTABLE. TYPE MC CABLE, ELECTRIC METALLIC TUBING (EMT) AND RIGID GALVANIZED CONDUIT ARE PERMITTED.
- ALL EQUIPMENT, DEVICES AND FIXTURES SHALL BE GROUNDED IN COMPLIANCE WITH NEC AND UL REQUIREMENTS.
- ALL PANELS TO BE UL LABELED WITH BOLT-ON TYPE CIRCUIT BREAKERS.
- 7-DAY 24-HOUR TIME CLOCK IS REQUIRED TO CONTROL STOREFRONT ENTRY LIGHTS. SHOW WINDOW LIGHTS, SHOW WINDOW RECEPTACLES AND STOREFRONT SIGNAGE. ILLUMINATED STOREFRONT SIGNS MUST REMAIN LIT DURING ALL MALL BUSINESS HOURS.
- TENANT IS REQUIRED TO MAKE A FIELD SURVEY OF THE EXISTING ELECTRICAL SERVICE TO ENSURE THAT THE TOTAL CONNECTED LOAD DOES NOT EXCEED THE ELECTRIC SERVICE. ANY ALL MODIFICATIONS OR UPGRADES NEEDED ARE SUBJECT TO LANDLORD'S PRIOR APPROVAL AND WILL BE COMPLETED BY TENANT/TENANTS GC AT TENANT'S SOLE EXPENSE.
- ALL ELECTRICAL PANELS TO BE MOUNTED ON PLYWOOD BACKER BOARD.
- PANEL PHASE LOADS TO BE BALANCED WITHIN 10%.

GENERAL LIGHTING NOTES

- WHERE LIGHT FIXTURE IS FOLLOWED BY "NL", THIS FIXTURE IS DESIGNATED AS A NIGHT LIGHT AND SHALL BE CONNECTED TO AN UNSWITCHED HOT CONDUCTOR.
- UPPER CASE LETTER NEXT TO LIGHT FIXTURE DENOTES FIXTURE TYPE AND LOWER CASE LETTER DENOTES SWITCHING SCHEME.
- ALL EMERGENCY FIXTURES SHALL BE CONNECTED TO AN UNSWITCHED HOT CONDUCTOR.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	EXHAUST FAN
	COMBINATION EXHAUST FAN/LIGHT (REFER TO MECHANICAL PLANS)
	SPEAKERS @ CEILING
	JUNCTION BOX
	CEILING MOUNTED SMOKE DETECTOR 110V., INTERCONNECTED W/ BATT. BACKUP. SMOKE DETECTOR SHALL COMPLY WITH NFPA 72, AND FBC 905.2.
	BATTERY BACK UP EXIT LIGHT
	BATTERY BACK UP EMERGENCY LIGHT
	WALL SWITCH (SINGLE, DOUBLE,)
	WALL SWITCH (3 WAY, 4 WAY)
	WALL SWITCH (TIMER)
	DIMMER WALL SWITCH
	OCCUPANCY SENSOR WALL SWITCH
	VARIABLE SPEED SWITCH
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE, 46" TO AFF AT KITCHEN, BATHS AND TOPS
	HALF SWITCHED DUPLEX RECEPTACLE
	230 VOLT RECEPTACLE
	QUADRUPLX RECEPTACLE
	FLOOR MOUNTED, FLUSH DUPLEX RECEPTACLE
	FLOOR MOUNTED, FLUSH QUAD. RECEPTACLE
	FLOOR MOUNTED, FLUSH 230 VOLT RECEPTACLE
	CEILING MOUNTED DUPLEX RECEPTACLE
	ELECTRICAL PANEL
	DISCONNECT SWITCH
	USB CHARGER RECEPTACLE
	TELEVISION OUTLET
	TELEPHONE OUTLET
	TELEPHONE/DATA OUTLET
	DATA OUTLET
	FLOOR MTD, FLUSH TELEPHONE/DATA OUTLET
	QUAD DATA OUTLET RJ45
	THERMOSTAT DEVICE

ABBREVIATIONS:
 ABOVE FINISH FLOOR= A.F.F. BELOW COUNTER= BC
 COUNTER TOP LEVEL= C PUSH BUTTON= PB
 GROUND FAULT INTERRUPTER= GFCI UNDER CABINET= UC
 VERIFY PRIOR TO INSTALL= VH VAPOR PROOF= VP
 WEATHER PROOF= WP SALVAGED = S

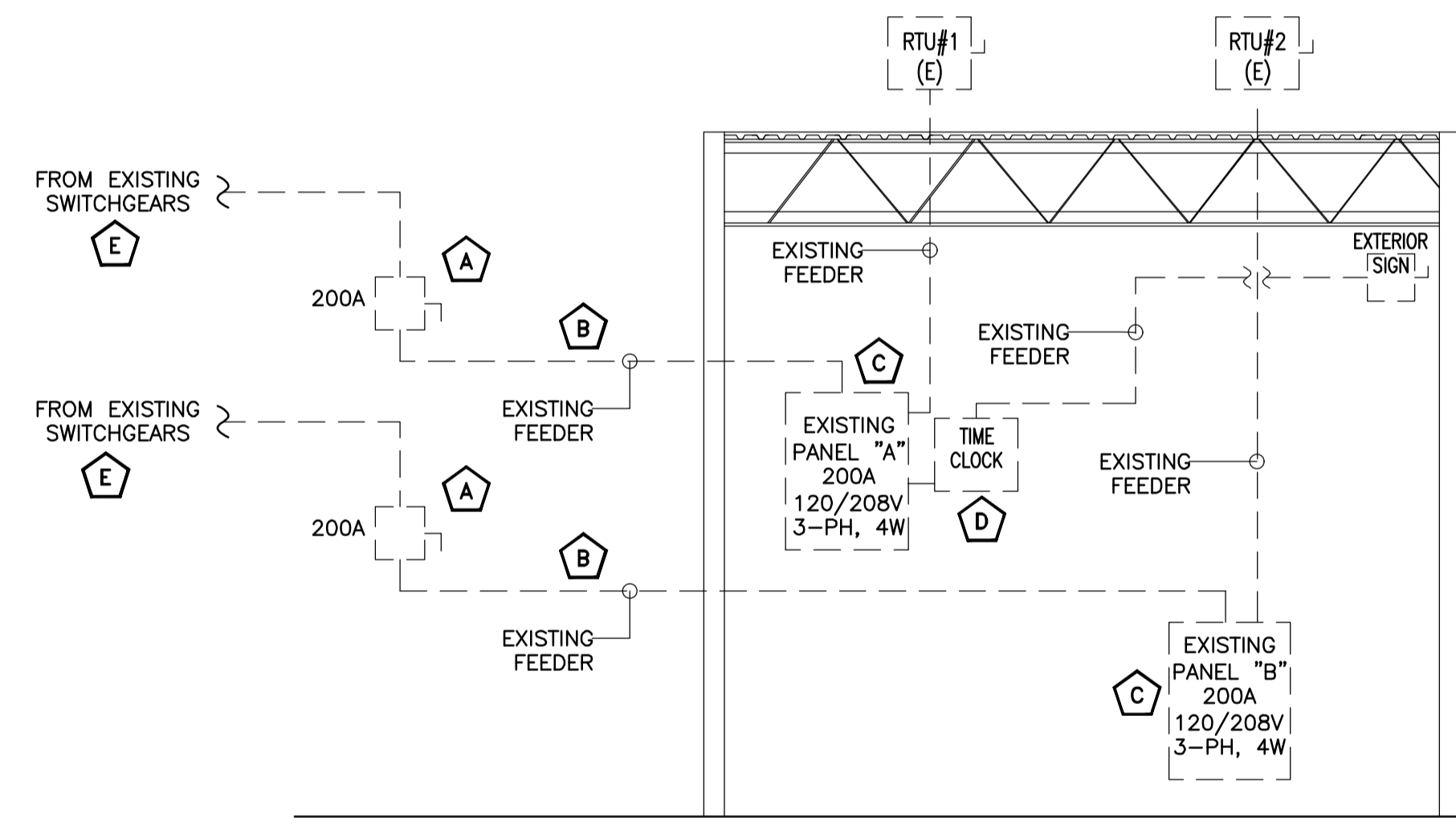
EXISTING CONTIDITONS NOTES

STOP AND READ
 THE CONTRACTOR AND SUB-CONTRACTORS **SHALL NOT INITIATE ANY WORK UNTIL EXISTING FIELD CONDITIONS ARE PROPERLY VERIFIED**. THIS SHALL HOLD TRUE FOR FIRST GENERATION AND 2ND GENERATION SPACES. WHEN DEMOLITION IS REQUIRED, THAT WILL BE PERMITTED TO EXPOSE CONDITIONS. THESE VERIFICATIONS SHALL INCLUDE BUT NOT LIMITED TO: DIMENSIONS BOTH HORIZONTALLY AND VERTICAL, ELECTRICAL SERVICE /PANELS LOCATION AND VOLTS/PHASE, LOCATION/QTY OF ROOF MOUNTED HVAC EQUIPMENT, CONFIRM THAT INTERIOR HVAC HUNG UNITS HAVE PROPER SUPPORT CONNECTIONS FOR EXISTING STRUCTURE, FIRE SPRINKLER MAIN RUNS, TOILET ROOM DIMENSIONS, DOOR SWING FOR DOORS TO REMAIN AND ETC. IF NOT VERIFIED AND DISCOVERED AT A LATER TIME, THE CONTRACTOR SHALL REIMBURSE THE ARCHITECT FOR THE REDESIGN FEE. THIS DOES NOT INCLUDE HIDDEN WORK I.E. PITCH OF SANITARY LINES, ACTUAL CONDITIONS OF EXISTING HVAC EQUIPMENT, STRUCTURAL COLUMNS/BEARING WALLS OR CONDITIONS OF GREASE INTERCEPTORS AND ETC.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLT	LAMP WATTAGE	MOUNTING
A	2x4 RECESSED LAY IN FIXTURE	HE WILLIAMS	LT-24-152/835-AF-DIM	120/277	37 WATTS	RECESSED
B	RECESSED COMPACT FIXTURE	COOPER LIGHTING	ML56128xx-6925C	120/277	17.5 WATTS	RECESSED
P	PENDANT LIGHTS	MASON	60437	120	60 WATTS	PENDANT
T	TRACK LIGHTING	JUNO	T-4FTBL R800L-G3-30K-80CRI-PDIM-FL-BL	120	10 WATTS	PENDANT
X1	EXIT SIGNS	BEST LIGHTING PRODUCT	X2-LEDR-1B	120	2 WATTS	
Y1	EMERGENCY LIGHTS	BEST LIGHTING PRODUCT	X2-EZXTU-1RB	120	2 WATTS	
Y1	EXIT/EMERGENCY COMBO SIGNS	TBD	TBD	120	2 WATTS	
T	TIMER WALL SWITCH	LEVITON	6124	120		
OS	OCCUPANCY WALL SWITCH	LEVITON	ODS10	120		
OS	CEILING OCCUPANCY SENSOR	LEVITON	O2C10-UDW	120		
LCP	LIGHTING CONTROL PANEL	EATON	LITEKEEPER 16	120		

REFER TO SHEET A-2 - REFLECTED CEILING PLAN IN ARCHITECTURAL DRAWINGS FOR MORE INFORMATION ON COLORS AND TRIMS REQUIRED.
 (*) EXISTING FIXTURES ARE ACCEPTABLE IF THEY NEED TO BE REPLACED, REPLACE W/ EXACT MATCH OR MATCH SCHEDULE
 SUBSTITUTIONS TO THE ABOVE FIXTURE SCHEDULE MUST BE SUBMITTED 14 DAYS PRIOR TO BID & REVIEWED BY THE ARCHITECT, ENGINEER & OWNER. SUBSTITUTIONS WILL NOT BE REVIEWED AFTER THIS TIME. SUBMITTAL PACKAGES MUST INCLUDE COLOR, CUT SHEETS, ALL PHOTOMETRICS & FIXTURE SAMPLES FOR ALL DECORATIVE FIXTURES, LANDSCAPE FIXTURES & OUTDOOR FIXTURES. WITHOUT THIS INFORMATION NO REVIEW WILL BE PROVIDED.



- ELECTRICAL RISER KEYED WORK NOTES:**
- EXISTING 200A, 120/208V, 3 PHASE ELECTRICAL DISCONNECT SWITCH SHALL REMAIN. E.C TO COORDINATE WITH BASE BUILDING/OWNER FOR EXACT POWER DISTRIBUTION AND METERING.
 - EXISTING 200A, 120/208V, 3 PHASE ELECTRICAL INCOMING SERVICE FEEDER SHALL REMAIN. E.C TO COORDINATE WITH BASE BUILDING/OWNER FOR EXACT SIZE AND OPERABLE CONDITION. PROVIDE NEW IF FOUND INOPERABLE.
 - EXISTING 200A, 120/208V, 3 PHASE ELECTRICAL PANEL SHALL REMAIN. E.C TO COORDINATE WITH OWNER FOR EXACT SIZE AND OPERABLE CONDITION.
 - E.C TO FIELD VERIFY OPERABLE CONDITION AND LOCATION OF EXISTING TIME CLOCK. PROVIDE NEW IF FOUND INOPERABLE. BASE BID ACCORDINGLY.
 - E.C. SHALL FIELD VERIFY EXACT POWER DISTRIBUTION UPTO EXISTING ELECTRICAL DISCONNECT SWITCH.

NOTE:
 1. ELECTRICAL CONTRACTOR TO COORDINATE FAULT CURRENT (Isc) RATING WITH UTILITY COMPANY AND AHJ PRIOR TO COMMENCING ANY WORK.
 2. E.C. SHALL VERIFY INCOMING SERVICE AMPERAGE, WIRE SIZING AND DISTRIBUTION.

ELECTRICAL RISER SYMBOLS:

	NEW
	EXISTING ITEM/FEEDER TO REMAIN
	EXISTING ITEM/FEEDER TO BE DISCONNECTED & REMOVED

PANEL: A(EXISTING)													MOUNTING:		SURFACE	
208Y/120																
VOLTS, 3 PHASE, 4 WIRE																
MAIN CB MLO 200A BUS 225A MIN,																
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD TYPE	LOAD (KVA)	MINIMUM BRANCH CIRCUIT	PER PHASE (KVA)			MINIMUM BRANCH CIRCUIT	LOAD (KVA)	LOAD TYPE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.		
						A	B	C								
1	20	FRY WARMER(16)	E	1.20	2#12, #12G, 3/4"C	1.20			EXISTING		L	LIGHTING(E)	20	2		
3	20	CONVECTION OVEN(E)	E		EXISTING		0.00		EXISTING		L	LIGHTING(E)	20	4		
5	20	BUN TOASTER(23)	E	1.80	2#12, #12G, 3/4"C			2.52	2#12, #12G, 3/4"C	0.72	R	OFFICE RECEPTACLE	20	6		
7	20	FRENCH FRY WARMER(50)	E	1.00	2#12, #12G, 3/4"C	1.00			EXISTING		L	LIGHTING(E)	20	8		
9	20	SMOKER CONTROL(E)	E	0.50	2#12, #12G, 3/4"C		0.50		EXISTING		L	EMERGNCEY LIGHTS(E)	20	10		
11	20	SIGN(E)	L		EXISTING			0.18	2#12, #12G, 3/4"C	0.18	R	ROOF TOP RECEPTACLES	20	12		
13	20/2P	EXISTING	M		EXISTING	0.00			EXISTING		M	COOLER CONDENSER(E)	20/2P	14		
15			M				0.00			M	16					
17			M	4.76				4.76			M			18		
19	60/3P	RTU-1(E)	M	4.76	3#8, #10G, 3/4"C	4.76			EXISTING		M	FREEZER CONDENSER(E)	20/3P	20		
21			M	4.76			4.76			M	22					
23	20	COOLER LIGHTS(E)	L	1.20	2#12, #12G, 3/4"C			1.20			M			24		
25	20	SIGN(E)	L		EXISTING	0.00			EXISTING		M	HEF-1(E)	20/3P	26		
27	20	SIGN(E)	L		EXISTING		0.00				M			28		
29	20	HOOD LIGHTS(E)	E	0.50	2#12, #12G, 3/4"C			0.50			M			30		
31	20/3P	MAU-1(E)	M		EXISTING	0.00			EXISTING		M	HEF-2(E)	20/3P	32		
33			M				0.00			M	34					
35			M					1.20		2#12, #12G, 3/4"C	1.20			E	FRY WARMER(16)	20
37	20	CHEESEMELTER(44)	E	1.65	2#12, #12G, 3/4"C	2.65			2#12, #12G, 3/4"C	1.00	E	BAG IN BOX SODA(1)	20	38		
39	20	CHEESEMELTER(44)	E	1.65	2#12, #12G, 3/4"C		2.65		2#12, #12G, 3/4"C	1.00	E	FOOD WARMERS(15)	20	40		
41	20	FOOD WARMERS(15)	E	1.00	2#12, #12G, 3/4"C			1.24	2#12, #12G, 3/4"C	0.24	E	WATER HEATER	20	42		
TOTAL LOAD (KVA)						9.61	7.906	11.596								

EQUIPMENT SCHEDULE:

ITEM NO.	DESCRIPTION
1	BAG IN BOX SODA
11	ICE MAKER
15	FOOD WARMER
16	FRY WARMER
21	MEGA TOP SANDWICH UNIT
23	BUN TOASTER
24	GRIDDLE
24B	REFRIGERATED BASE
29	3 SPINDLE DRINK MIXER
30	DRINK MIXER
34	COKE
37	DIPPER WELL
38	REACH IN CONTER REFRIGERATOR
42	WORK TOP FREEZER
44	CHEESEMELTER
50	FRY WARMER
63	WALK IN FREEZER

PANEL SCHEDULE GENERAL NOTES:

- ALL CIRCUITING SHOWN IS FOR REFERENCE PURPOSE ONLY. E.C. SHALL VERIFY CIRCUITING OF THE EXISTING DEVICES ON FIELD AND INFORM ENGINEER FOR DISCREPANCIES.
- ELECTRICAL CONTRACTOR TO VERIFY THE EXACT PANEL SIZES AND INCOMING FEEDER SIZE.
- ALL EXISTING TO REMAIN ELECTRICAL DEVICES/EQUIPMENTS SHALL BE CONNECTED TO RESPECTIVE NEW/EXISTING PANELS. E.C. TO VERIFY EXACT DETAILS & CIRCUIT NUMBER ON FIELD.

PANEL: B(EXISTING)													MOUNTING:		SURFACE	
208Y/120																
VOLTS, 3 PHASE, 4 WIRE																
MAIN CB MLO 200A BUS 225A MIN,																
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD TYPE	LOAD (KVA)	MINIMUM BRANCH CIRCUIT	PER PHASE (KVA)			MINIMUM BRANCH CIRCUIT	LOAD (KVA)	LOAD TYPE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.		
						A	B	C								
1	20	FOOD CASE LIGHTS(E)			EXISTING	0.00			EXISTING			HOT FOOD WELL(E)	20	2		
3	20	SPARE			EXISTING		0.00		EXISTING			COUNTER FREEZER(E)	20	4		
5	20	SPARE			EXISTING			0.64	2#12, #12G, 3/4"C	0.64	E	W TOP REF(42)(E)	20	6		
7	20	OFFICE RECEPTACLE(E)			EXISTING	0.00			EXISTING			TRACK LIGHT(E)	20	8		
9	20	COKE(34)	E	1.16	2#12, #12G, 3/4"C		1.16		EXISTING			EXISTING	20	10		
11	20	RECEPTACLE BACK BAR			EXISTING			0.00	EXISTING			EXISTING	20	12		
13	20	WORK TABLE			EXISTING	0.00			EXISTING			EXISTING	20	14		
15	20	DRIP WELL(37)	E	0.10	2#12, #12G, 3/4"C		0.10		EXISTING			EXISTING	20	16		
17	20	MICROWAVE OVEN(E)	E		EXISTING			0.00	EXISTING			TRACK LIGHTS	20	18		
19	20	3 SPINDLE DRINK MIXER(29)	E	0.90	2#12, #12G, 3/4"C	0.90			EXISTING			EXISTING	20	20		
21	20	3 SPINDLE DRINK MIXER(29)	E	0.90	2#12, #12G, 3/4"C		1.00		2#12, #12G, 3/4"C	0.10	L	RESTROOM LIGHTS	20	22		
23	20	REACH IN REF.(38)	E	0.50	2#12, #12G, 3/4"C			2.05	2#12, #12G, 3/4"C	1.55	E	ICE MAKER(11)	20	24		
25	20	SANDWICH UNIT(21)	E	0.51	2#12, #12G, 3/4"C	1.59			2#12, #12G, 3/4"C	1.08	R	POS STATION(E)	20	26		
27	20	DRINK MIXER(30)	E	1.34	2#12, #12G, 3/4"C		2.82		2#12, #12G, 3/4"C	1.48	R	SHOW WINDOW	20	28		
29	20	SHOW WINDOW	R	1.48	2#12, #12G, 3/4"C			6.24		4.76	M	RTU-2(E)	60/3P	30		
31	20	TEA BREWER			EXISTING	4.76			3#8, #10G, 3/4"C	4.76	M			32		
33	25	GRIDDLE(24)	E	0.12	2#12, #12G, 3/4"C		4.88			4.76	M			34		
35	20	REFRIGERATED BASE(24B)	E	0.38	2#12, #12G, 3/4"C			1.13	2#12, #12G, 3/4"C	0.75	E	WALK-IN FREEZER(63)	15/2P	36		
37	20	TIMER	E	0.10	2#12, #12G, 3/4"C	0.85				0.75	E			38		
39	20	BATHROOM GFCI	R	0.36	2#12, #12G, 3/4"C		1.56		2#12, #12G, 3/4"C	1.20	L	FREEZER LIGHTS	20	40		
41	20	SHOW WINDOW	R	1.48	2#12, #12G, 3/4"C			2.96	2#12, #12G, 3/4"C	1.48	R	SHOW WINDOW	20	42		
TOTAL LOAD (KVA)						8.091	11.52	13.021								

* INDICATES GFCI CIRCUIT BREAKER

PANEL SCHEDULE KEYED NOTES:

- PROVIDE #3 20A/1P CIRCUIT BREAKER IN PLACE OF #1 20/3P CIRCUIT BREAKER

PANEL SCHEDULE GENERAL NOTE:

- ALL CIRCUITING SHOWN FOR THE EXISTING ELECTRICAL PANELS "A" AND "B" IS FOR REFERENCE PURPOSE ONLY. E.C. SHALL MODIFY/ADJUST CIRCUITING AS REQUIRED.
- E.C. SHALL VERIFY EXACT RATINGS OF THE ELECTRICAL PANELS IN FILED AND INFORM ENGINEER ON RECORD FOR ANY DISCREPANCIES.