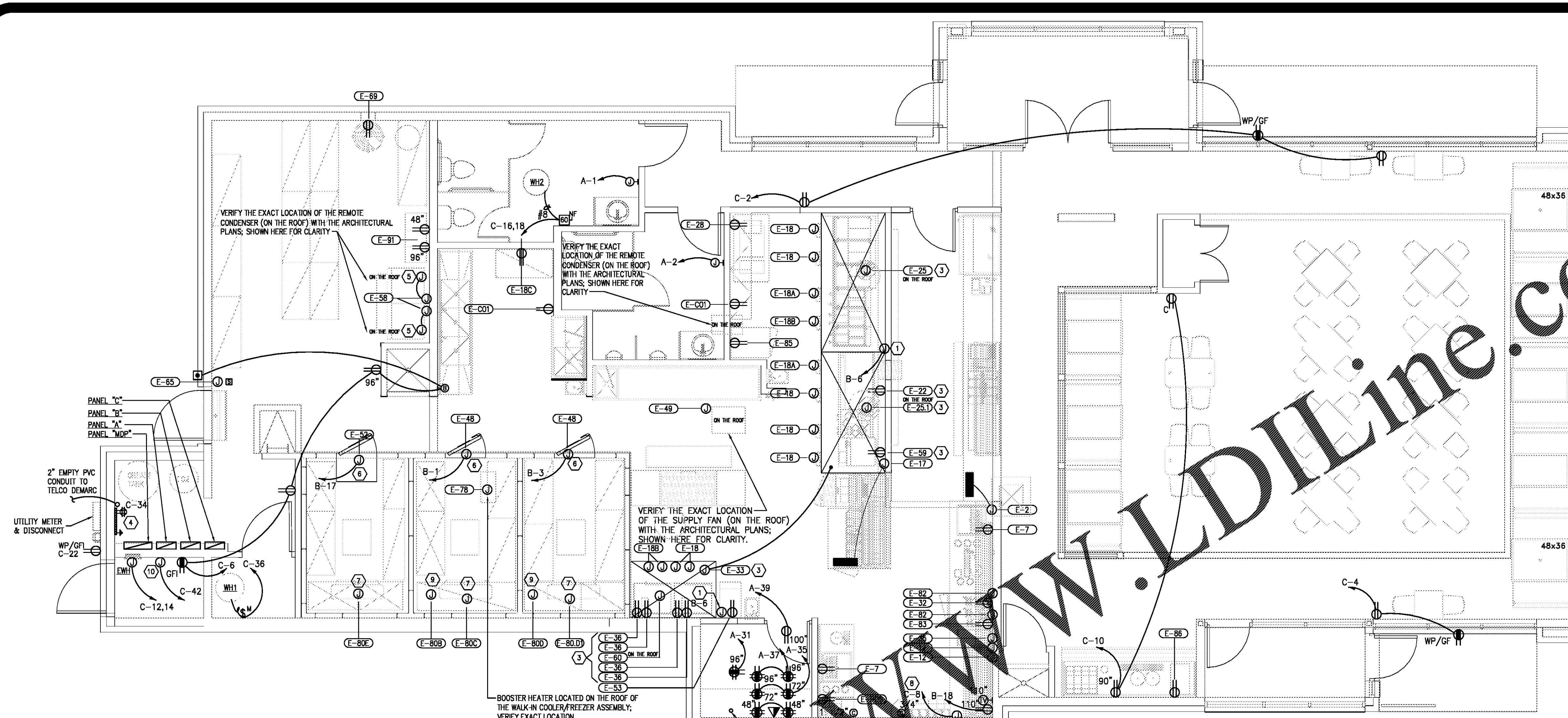


ALL RECEPTACLES IN THE KITCHEN AREA SHALL BE GFIC TYPE WHERE REQUIRED BY NEC 210.8(B).

COORDINATE FINAL LOCATION OF ALL OUTLETS WITH KITCHEN VENDOR DRAWINGS AND ARCHITECTURAL ELEVATIONS BEFORE ROUGH-IN.

FLOOR PLAN - POWER

SCALE: 1/4" = 1'-0"

ELECTRICAL SCHEDULE

MARK	R.I. HT.	QTY	FL AMPS	KW OR HP RATING 120/1	120/208/1	208/1	208/3	CIRCUIT(S)	ITEM	DESCRIPTION	REMARKS
E-2	24"	1	125.0					B-10,12	2	HOT FOOD/BEVERAGE COUNTER	120/208-V, 1ø BTC AT THE LOAD CENTER; E.C. TO MAKE FINAL CONNECTIONS AS NECESSARY
E-7	12"	2	20A CIR					A-11,13	7	SODA TOWER/ICE BIN	**BY OTHERS** VERIFY THE LOCATION AND LOAD WITH THE PURVEYOR
E-12	24"	2	8.6		1.78-KW			A-4,6, A-8,10	12	DUAL HEAT LAMP w/ LIGHT	BTC THROUGH THE CONTROLS
E-17	12"	1	125.0					B-14,16	17	BISCUIT WRAP STATION	120/208-V, 1ø BTC AT THE LOAD CENTER; E.C. TO MAKE FINAL CONNECTIONS AS NECESSARY
E-18	DROP	4	0.83	0.10KW				B-2	18	TIMERS	BTC AT THE CONVENIENCE OUTLET LOCATED IN THE HOOD; SEE KH1 DRAWINGS FOR DETAILS
E-18A	DROP	2	0.83	0.10KW				B-2	18A	TIMERS	BTC AT THE CONVENIENCE OUTLET LOCATED IN THE HOOD; SEE KH1 DRAWINGS FOR DETAILS
E-18B	DROP	2	0.83	0.10KW				B-2	18B	TIMERS	BTC AT THE CONVENIENCE OUTLET LOCATED IN THE HOOD; SEE KH1 DRAWINGS FOR DETAILS
E-18C	60"	1	0.83	0.10KW				B-4	18C	TIMER	CORD & PLUG
E-18D	60"	2	0.83	0.10KW				B-4	18D	TIMER	CORD & PLUG
E-22	12"	1	1.0					B-10,12	22	MEAT GRIDDLE	120-V 1ø SERVICE CORD & PLUG
E-25	ON ROOF	1	16.0	1.0-HP				C-33	25	EXHAUST FAN-EF2	BTC THROUGH THE PRE-WIRE PACKAGE; SEE MANUF. DRAWINGS FOR DETAILS
E-25.1	ON ROOF	1	13.8	3/4-HP				C-35	25.1	EXHAUST FAN-EF3	BTC THROUGH THE PRE-WIRE PACKAGE; SEE MANUF. DRAWINGS FOR DETAILS
E-28	24"	1	4.2	1/4-HP				A-32	28	BREADING MACHINE	CORD & PLUG
E-32	12"	1	3.9	1/4-HP				A-22	32	UNDERCOUNTER REFRIGERATOR	CORD & PLUG
E-33	DROP	1	20A CIR					B-42	33	VENTILATION HOOD	120-V1ø, FOR LIGHTS AND SWITCHES; VERIFY LOCATION; SEE C.A.S. [illegible] SPECS
E-35	24"	1	8.7			1.8-KW		A-12,14	35	HOT WELL	BTC THROUGH THE CONTROLS
E-36	12"	4	5.0	1/3-HP				B-38, B-40	36	CONVECTION OVEN	CORD & PLUG
E-48	DROP	2	20A CIR					B-1, B-3	48	WALK-IN COOLERS	
E-48A	DROP	1	20A CIR					B-5	48A	WALK-IN COOLER	
E-49	ON ROOF	1	20.4	1.5-HP				C-31	49	SUPPLY FAN	VERIFY LOCATION ON ROOF; SEE KH2 AND KH3 DRAWING
E-52	DROP	1	20A CIR					B-17	52	WALK-IN FREEZER	120-V 1ø FOR LIGHTS AND DOOR HEATERS
E-53	12"	1		0.15-KW				B-36	53	DREDGE TABLE	CORD & PLUG
E-58	84"	2	8.4					B-2,24,26, B-28,30,32	58	ICE MACHINE	208V/3ø; BTC; SEE THE DETAIL
E-59	12"	1	1.0					B-[illegible]	59	EGG GRIDDLE	120-V 1ø SERVICE CORD & PLUG
E-60	ON ROOF	1	13.8	3/4-HP				B-[illegible]	60	EXHAUST FAN-EF1	BTC THROUGH THE PRE-WIRE PACKAGE; SEE MANUF. DRAWINGS FOR DETAILS
E-65	114"	1	5.1	1/2-HP				B-23	65	INSECT CONTROL FAN	BRANCH TO DOOR HEAD SWITCH AND CONNECT
E-69	12"	1		1/3-HP				A-30	69	FILTER MACHINE	CORD & PLUG
E-70	48"	1		1/3-HP				B-15	70	MARINATOR	CORD & PLUG
E-78	24"	1	43.3			9.0-KW		B-37,39	78	BOOSTER HEATER	BRANCH TO CONNECTION
E-80	DROP	1	1.2			201/15-HP		A-21,23	80	LOW TEMP COIL	FOR COIL FANS
			8.2			1.89-KW					FOR DEFROST HEATER
E-80.1	DROP	1	20A CIR	0.75-KW				A-9	80.1	LOW TEMP COIL	FOR THE HEAT TAPE REQUIRED TO PREVENT THE DRAIN LINE FROM FREEZING
E-80A	ON ROOF	1	12.1				3.0-HP	A-25,27,29	80A	LOW TEMP CONDENSER	VERIFY LOCATION OF REMOTE CONDENSER. SEE SHEET KW1
E-80B	DROP	1	2.0	201/15-HP				B-7	80B	MED. TEMP COIL	FOR COIL FANS
E-80C	ON ROOF	1	4.7				1.0-HP	B-9,11,13	80C	MED. TEMP CONDENSER	VERIFY LOCATION OF REMOTE CONDENSER. SEE SHEET KW1
E-80D	DROP	1	1.2			201/15-HP		B-25,27	80D	LOW TEMP COIL	FOR COIL FANS
			8.2			1.89-KW					FOR DEFROST HEATER
E-80D.1	DROP	1	20A CIR	0.5-KW				B-35	80D	LOW TEMP COIL	FOR THE HEAT TAPE REQUIRED TO PREVENT THE DRAIN LINE FROM FREEZING
E-80E	ON ROOF	1	4.7				1.0-HP	B-29,31,33	80E	LOW TEMP CONDENSER	VERIFY LOCATION OF REMOTE CONDENSER. SEE SHEET KW1
E-80F	DROP	1	1.0	1/15-HP				A-19	80F	MED. TEMP COIL	FOR COIL FANS
E-80G	ON ROOF	1	5.31			0.6-HP		A-38,40	80G	MED. TEMP CONDENSER	VERIFY LOCATION OF REMOTE

CONTINUATION OF ELECTRICAL SCHEDULE

MARK	R.I. HT.	QTY	FL AMPS	KW OR HP RATING 120/1	120/208/1	208/1	208/3	CIRCUIT(S)	ITEM	DESCRIPTION	REMARKS
E-81	60"	2	20A CIR	[illegible]-HP				A-7	81	SODA SYSTEM	**BY OTHERS** VERIFY THE LOCATION AND LOAD WITH THE PURVEYOR
E-82	54"	2	30A CIR		2.0-KW			A-18,20, A-24,26	82	COFFEE BREWER	**BY OTHERS** VERIFY THE LOCATION AND LOAD WITH THE PURVEYOR
E-83	54"	1		1/2-HP				A-16	83	COFFEE GRINDER	**BY OTHERS** VERIFY THE LOCATION AND LOAD WITH THE PURVEYOR
E-85	12"	1	12.[illegible]	3/4-HP				B-19,21	85	REACH-IN FREEZER	CORD & PLUG
E-86	54"	1	3.0					A-3	86	ICE DISPENSER	120-V 1ø SERVICE CORD & PLUG
E-C01	54"	2	20A CIR					B-20	C01	CONVENIENCE OUTLET	120-V 1ø; SERVICE
E-C02		2							C02	TIMERS	BTC AT THE CONVENIENCE OUTLET LOCATED IN THE HOOD; SEE KH1 DRAWINGS FOR DETAILS
E-POS	54"	3	20A CIR						POS	POINT OF SALE	120-V 1ø; SERVICE

ELECTRICAL CONNECTIONS AT ITEM 2 FRONT SERVICE

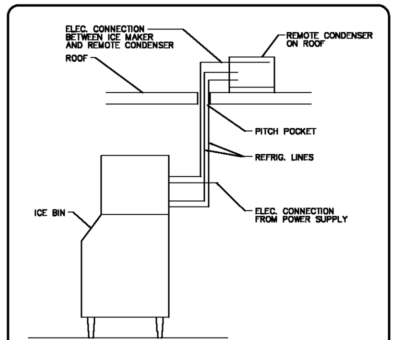
ITEM	ROUGH-IN HEIGHT	QTY	FL AMPS	KW OR HP RATING 120/1	120/208/1	208/1	208/3	360/3	480/3	DESCRIPTION	REMARKS
1	–	1	7.0	1/3 HP						REFRIGERATED DISPLAY CASE	CORD AND PLUG
2	–	2	20A CIR							HOT FOOD/BEVERAGE COUNTER	120-V, 1ø POS SYSTEM
	–	1		2.25-KW							CHICKEN HEAT PAD
	–	1				4.0-KW					HOT FOOD WELL
	–	1		0.3-KW							FRY HEAT PAD
C01	–	3	20A CIR							CONVENIENCE OUTLET	120-V, 1ø
6	–	1	13.5		2.8-KW					DUAL HEAT LAMP w/ LIGHT	
13	–	1	6.8		1.41-KW					DUAL HEAT LAMP w/ LIGHT	

ELECTRICAL CONNECTIONS AT ITEM 17 BISCUIT WRAP

ITEM	ROUGH-IN HEIGHT	QTY	FL AMPS	KW OR HP RATING 120/1	120/208/1	208/1	208/3	360/3	480/3	DESCRIPTION	REMARKS
17	–	1				4.0-KW				BISCUIT WRAP	
	–	1	20A CIR							CONVENIENCE OUTLET	120-V, 1ø SERVICE
19	–	1	4.9	1/5-HP						SANDWICH UNIT	
63	–	2	13.2		2.74-KW					HEAT LAMP W/LIGHT	
63A	–	2	7.2		1.49-KW					HEAT LAMP W/LIGHT	
64	–	1	8.2			1.725-KW				CONVEYOR TOASTER	

NOTE:
FIELD ELECTRICIAN TO MAKE FINAL CONNECTION OR CONNECT CORD & PLUG SET AT EACH UNIT FROM CONDUIT BROUGHT DOWN IN CHASE/WALL. IN ADDITION, HE IS TO MAKE FIELD CONNECTIONS AS REQUIRED FOR UNIT; SEE MANUFACTURER'S DRAWINGS FOR MORE DETAILS.

NOTE!
SEE HOOD DRAWINGS FOR ELECTRICAL REQUIREMENTS FOR HOOD LIGHTS, SWITCHES AND FIRE SYSTEM



ICE MAKER CONNECTION DETAIL
NO SCALE

KEYED NOTES:

1. PROVIDE JUNCTION BOX FOR POWER TO ANSUL SYSTEM. COORDINATE MOUNTING HEIGHT AND LOCATION WITH SYSTEM VENDOR PRIOR TO ROUGH-IN.
2. 1" CONDUIT TO ROOF FOR ANTENNA.
3. CONNECT THRU SHUNT TRIP CONTACTOR IN ANSUL SYSTEM CONTROLLER.
4. VERIFY FINAL LOCATION OF THE TELEPHONE BACKBOARD AND QUADRUPLEX OUTLET WITH TELEPHONE COMPANY AND OWNER.
5. PROVIDE POWER FOR ICE MAKER CONDENSING UNIT. COORDINATE FINAL LOCATION WITH OWNER AND EQUIPMENT VENDOR.
6. MAKE FINAL CONNECTIONS TO WALK-IN FREEZER/COOLER LIGHTS AND DOOR HEATERS PROVIDED WITH EQUIPMENT.
7. POWER FOR WALK-IN FREEZER/COOLER EVAPORATOR. COORDINATE FINAL ELECTRICAL REQUIREMENTS WITH OWNER AND EQUIPMENT VENDOR AND MAKE ANY NECESSARY CORRECTIONS TO THE PANEL SCHEDULE.
8. COORDINATE MOUNTING HEIGHT FOR MENU BOARD POWER w/ EQUIPMENT VENDOR.
9. PROVIDE POWER FOR WALK-IN COOLER/FREEZER CONDENSING UNIT. COORDINATE FINAL ELECTRICAL REQUIREMENTS AND LOCATION WITH OWNER AND EQUIPMENT VENDOR. MAKE ANY NECESSARY CORRECTIONS TO THE PANEL SCHEDULE.
10. PROVIDE POWER FOR FIRE SPRINKLER SYSTEM MONITORING PANEL, COORDINATE LOCATION w/ FIRE PROTECTION CONTRACTOR PRIOR TO ROUGH-IN.

ELECTRICAL NOTES

1. ALL ROUGH-INS ARE FIGURED TO COME OUT OF THE FLOOR OR WALLS AND ARE SHOWN APPROXIMATELY WHERE THEY OCCUR IN THE FIXTURE.
2. ALL CONDUIT TO BE ROUGHED IN THE WALLS RATHER THAN UP THROUGH THE FLOOR WHENEVER POSSIBLE.
3. ALL MEASUREMENTS TAKEN FROM FINISHED WALLS OR CENTERLINE OF COLUMNS.
4. ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY INCREASE TWO(2) INCHES OR DECREASE ONE(1) INCH WITH LEG ADJUSTMENT.
5. ALL MECHANICAL STUBBING IN CENTER OF FLOOR TO BE SIX(6) INCHES OR LESS TO CLEAR EQUIPMENT BASES, THEN BRANCH TO FINAL CONNECTION.
6. PROVIDE ELECTRICAL SERVICE FOR AUTOMATIC FIRE EXTINGUISHER SYSTEM FROM ELECTRICAL PANELS TO VENTILATING HOODS AND TO CHEMICAL TANK LOCATIONS; BY ELECTRICAL CONTRACTOR.
7. ALL ELECTRICALLY FIRED AND ELECTRICALLY POWERED COOKING EQUIPMENT REQUIRES A SHUNT TRIP BREAKER AND WIRING THROUGH MICRO SWITCHES IN FIRE SYSTEM SUPPLIED BY ELECTRICAL CONTRACTOR.
8. ROUGH-INS SHOWN ARE FOR EQUIPMENT SUPPLIED BY FOODCRAFT EQUIPMENT CO.. CHECK WITH OWNER FOR EQUIPMENT NOT SUPPLIED BY FOODCRAFT.
9. EXHAUST FANS ARE NOT SUPPLIED WITH STARTERS/DISCONNECTS OR SWITCHES. ELECTRICAL CONTRACTOR TO FURNISH AND CONNECT.
10. SIZING OF ELECTRICAL PANELS TO BE DETERMINED BY ELECTRICAL ENGINEER.
11. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL WATERPROOF MICRO SWITCH FOR AUTOMATIC OPERATION OF INSECT CONTROL FAN.
12. THE ROUGH-INS SHOWN ON THIS DRAWING ARE REQUIRED FOR OPERATION OF EQUIPMENT SUPPLIED BY FOODCRAFT EQUIPMENT CO., ACCORDING TO MANUFACTURERS SPECIFICATIONS. THESE ROUGH-INS ARE MANUFACTURERS REQUIREMENTS FOR OPERATION OF THE EQUIPMENT ONLY. FOODCRAFT WILL NOT BE LIABLE FOR ANY DEVIATION FROM THESE ROUGH-INS. IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL TRADES TO ENSURE THAT SUPPLY LINES, WASTES, CARRY-OFF, WIRE SIZES, ETC., MEET ALL LOCAL CODES.
13. WHERE LOCAL CODES REQUIRE DISCONNECTS, ELECTRICIAN TO LOCATE AND PROVIDE REQUIRED CLEARANCES.

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R-2002

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04.17.20	FOR CONSTRUCTION
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ALABAMA LICENSED No. 22441 PROFESSIONAL ENGINEER J. MICHAEL JONES
4/22/2020

J.E. BRISCOE WAY & MADISON BLVD. PROJECT: R-2002
MADISON, MADISON COUNTY ALABAMA DATE: 04/17/20

Bojangles' RESTAURANT

POWER PLAN

E-3