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

Sheet

FOODSERVICE
EQUIPMENT
ELECTRICAL PLAN

Project

EDGARS ABOVE BROAD
AUGUSTA, GA
BAR - PREP KITCHEN

Revisions



Issue Date

8/1/19

Drawn By

BD

Sheet No.

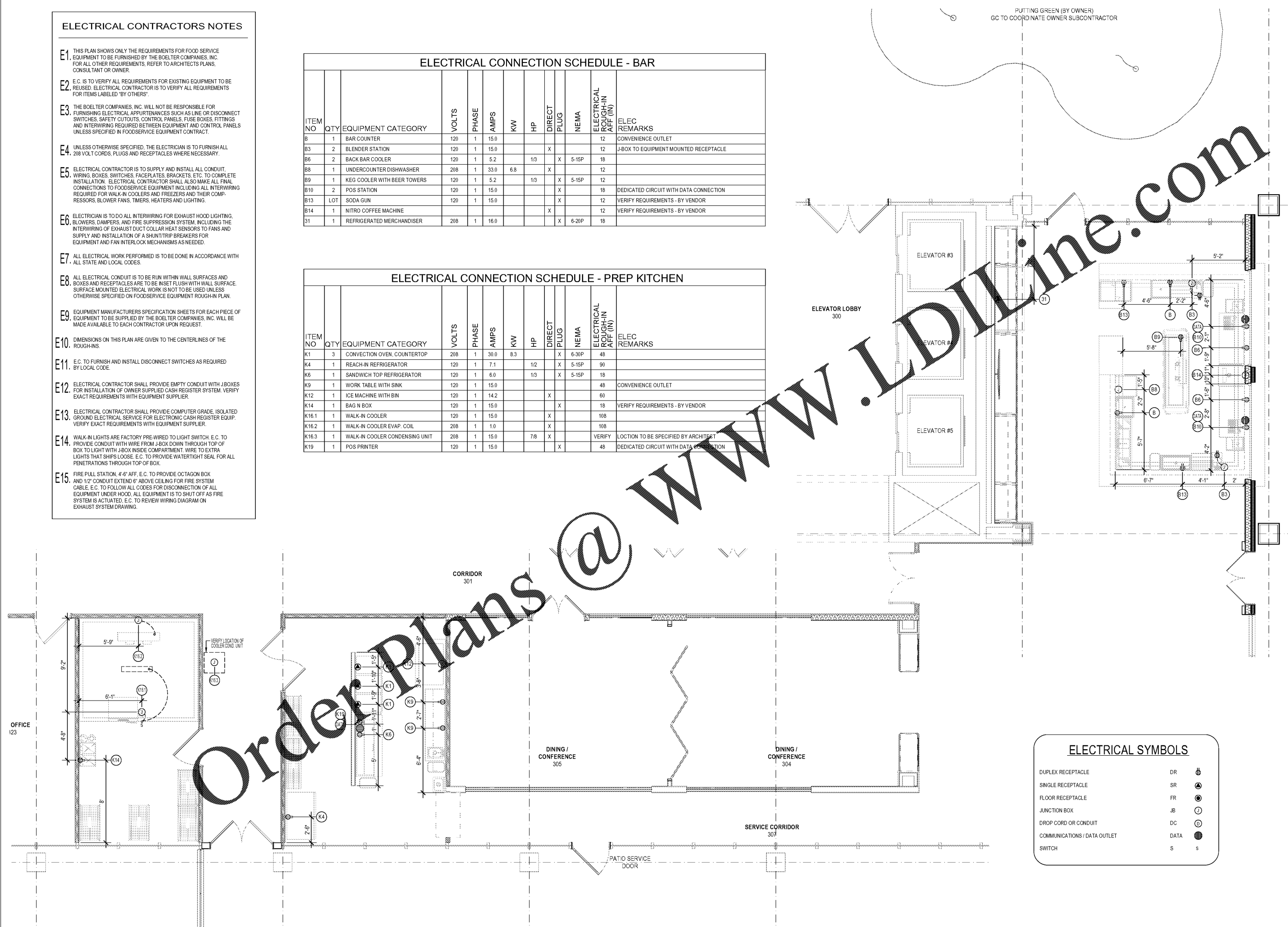
K1.3

ELECTRICAL CONTRACTORS NOTES

- E1. THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOOD SERVICE EQUIPMENT TO BE FURNISHED BY THE BOELTER COMPANIES, INC. FOR ALL OTHER REQUIREMENTS, REFER TO ARCHITECTS PLANS, CONSULTANT OR OWNER.
- E2. E.C. IS TO VERIFY ALL REQUIREMENTS FOR EXISTING EQUIPMENT TO BE REUSED. ELECTRICAL CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR ITEMS LABELED "BY OTHERS".
- E3. THE BOELTER COMPANIES, INC. WILL NOT BE RESPONSIBLE FOR FURNISHING ELECTRICAL APPURTENANCES SUCH AS LINE OR DISCONNECT SWITCHES, SAFETY CUTOUTS, CONTROL PANELS, FUSE BOXES, FITTINGS AND INTERWIRING REQUIRED BETWEEN EQUIPMENT AND CONTROL PANELS UNLESS SPECIFIED IN FOODSERVICE EQUIPMENT CONTRACT.
- E4. UNLESS OTHERWISE SPECIFIED, THE ELECTRICIAN IS TO FURNISH ALL 208 VOLT CORDS, PLUGS AND RECEPTACLES WHERE NECESSARY.
- E5. ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL ALL CONDUIT, WIRING BOXES, SWITCHES, FACEPLATES, BRACKETS, ETC. TO COMPLETE INSTALLATION. ELECTRICAL CONTRACTOR SHALL ALSO MAKE ALL FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT INCLUDING ALL INTERWIRING REQUIRED FOR WALK-IN COOLERS AND FREEZERS AND THEIR COMPRESSORS, BLOWER FANS, TIMERS, HEATERS AND LIGHTING.
- E6. ELECTRICIAN IS TO DO ALL INTERWIRING FOR EXHAUST HOOD LIGHTING, BLOWERS, DAMPERS, AND FIRE SUPPRESSION SYSTEM, INCLUDING THE INTERWIRING OF EXHAUST DUCT COLLAR HEAT SENSORS TO FANS AND SUPPLY AND INSTALLATION OF A SHUNT/TRIP BREAKERS FOR EQUIPMENT AND FAN INTERLOCK MECHANISMS AS NEEDED.
- E7. ALL ELECTRICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
- E8. ALL ELECTRICAL CONDUIT IS TO BE RUN WITHIN WALL SURFACES AND BOXES AND RECEPTACLES ARE TO BE INSET FLUSH WITH WALL SURFACE. SURFACE MOUNTED ELECTRICAL WORK IS NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLAN.
- E9. EQUIPMENT MANUFACTURERS SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY THE BOELTER COMPANIES, INC. WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.
- E10. DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGH-INS.
- E11. E.C. TO FURNISH AND INSTALL DISCONNECT SWITCHES AS REQUIRED BY LOCAL CODE.
- E12. ELECTRICAL CONTRACTOR SHALL PROVIDE EMPTY CONDUIT WITH J-BOXES FOR INSTALLATION OF OWNER SUPPLIED CASH REGISTER SYSTEM. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- E13. ELECTRICAL CONTRACTOR SHALL PROVIDE COMPUTER GRADE, ISOLATED GROUND ELECTRICAL SERVICE FOR ELECTRONIC CASH REGISTER EQUIP. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- E14. WALK-IN LIGHTS ARE FACTORY PRE-WIRED TO LIGHT SWITCH. E.C. TO PROVIDE CONDUIT WITH WIRE FROM J-BOX DOWN THROUGH TOP OF BOX TO LIGHT WITH J-BOX INSIDE COMPARTMENT. WIRE TO EXTRA LIGHTS THAT SHIPS LOOSE. E.C. TO PROVIDE WATERTIGHT SEAL FOR ALL PENETRATIONS THROUGH TOP OF BOX.
- E15. FIRE PULL STATION, 4'-6" AFF. E.C. TO PROVIDE OCTAGON BOX AND 1/2" CONDUIT EXTEND 6" ABOVE CEILING FOR FIRE SYSTEM CABLE. E.C. TO FOLLOW ALL CODES FOR DISCONNECTION OF ALL EQUIPMENT UNDER HOOD. ALL EQUIPMENT IS TO SHUT OFF AS FIRE SYSTEM IS ACTUATED. E.C. TO REVIEW WIRING DIAGRAM ON EXHAUST SYSTEM DRAWING.

ELECTRICAL CONNECTION SCHEDULE - BAR											
ITEM NO	QTY	EQUIPMENT CATEGORY	VOLTS	PHASE	AMPS	KW	HP	DIRECT PLUG	NEMA	ELECTRICAL ROUGH-IN AFF (IN)	ELEC REMARKS
B	1	BAR COUNTER	120	1	15.0					12	CONVENIENCE OUTLET
B3	2	BLENDER STATION	120	1	15.0			X		12	J-BOX TO EQUIPMENT MOUNTED RECEPTACLE
B6	2	BACK BAR COOLER	120	1	5.2		1/3	X	5-15P	18	
B8	1	UNDERCOUNTER DISHWASHER	208	1	33.0	6.8		X		12	
B9	1	KEG COOLER WITH BEER TOWERS	120	1	5.2		1/3	X	5-15P	12	
B10	2	POS STATION	120	1	15.0			X		18	DEDICATED CIRCUIT WITH DATA CONNECTION
B13	LOT	SODA GUN	120	1	15.0			X		12	VERIFY REQUIREMENTS - BY VENDOR
B14	1	NITRO COFFEE MACHINE						X		12	VERIFY REQUIREMENTS - BY VENDOR
31	1	REFRIGERATED MERCHANDISER	208	1	16.0			X	6-20P	18	

ELECTRICAL CONNECTION SCHEDULE - PREP KITCHEN											
ITEM NO	QTY	EQUIPMENT CATEGORY	VOLTS	PHASE	AMPS	KW	HP	DIRECT PLUG	NEMA	ELECTRICAL ROUGH-IN AFF (IN)	ELEC REMARKS
K1	3	CONVECTION OVEN, COUNTERTOP	208	1	30.0	8.3		X	6-30P	48	
K4	1	REACH-IN REFRIGERATOR	120	1	7.1		1/2	X	5-15P	90	
K6	1	SANDWICH TOP REFRIGERATOR	120	1	6.0		1/3	X	5-15P	18	
K9	1	WORK TABLE WITH SINK	120	1	15.0					48	CONVENIENCE OUTLET
K12	1	ICE MACHINE WITH BIN	120	1	14.2			X		60	
K14	1	BAG N BOX	120	1	15.0			X		18	VERIFY REQUIREMENTS - BY VENDOR
K16.1	1	WALK-IN COOLER	120	1	15.0			X		108	
K16.2	1	WALK-IN COOLER EVAP. COIL	208	1	1.0			X		108	
K16.3	1	WALK-IN COOLER CONDENSING UNIT	208	1	15.0		7/8	X		VERIFY	LOCATION TO BE SPECIFIED BY ARCHITECT
K19	1	POS PRINTER	120	1	15.0			X		48	DEDICATED CIRCUIT WITH DATA CONNECTION



ELECTRICAL SYMBOLS		
DUPLEX RECEPTACLE	DR	⬇
SINGLE RECEPTACLE	SR	⬆
FLOOR RECEPTACLE	FR	⊙
JUNCTION BOX	JB	⊖
DROP CORD OR CONDUIT	DC	⊙
COMMUNICATIONS / DATA OUTLET	DATA	⊙
SWITCH	S	s