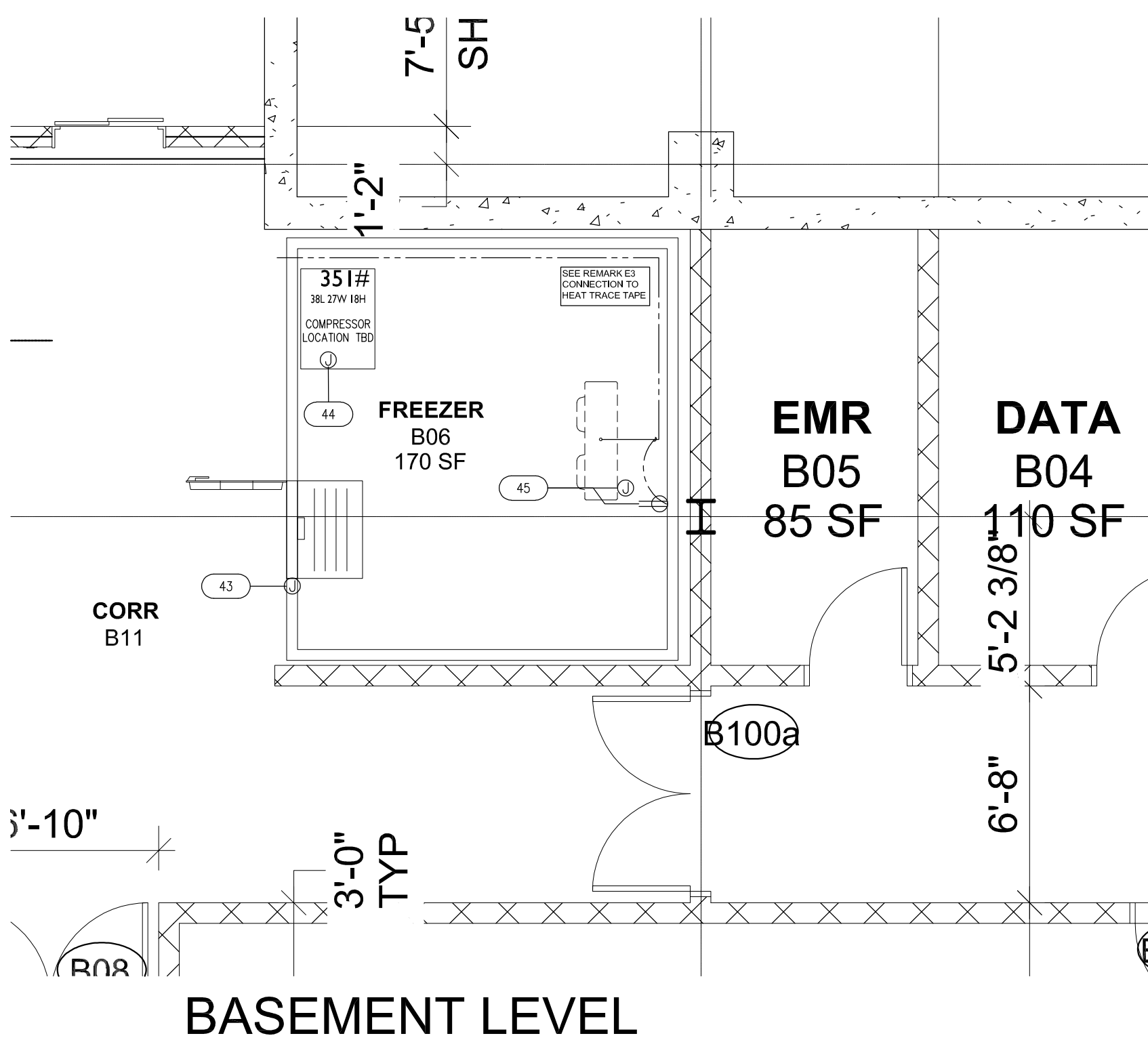
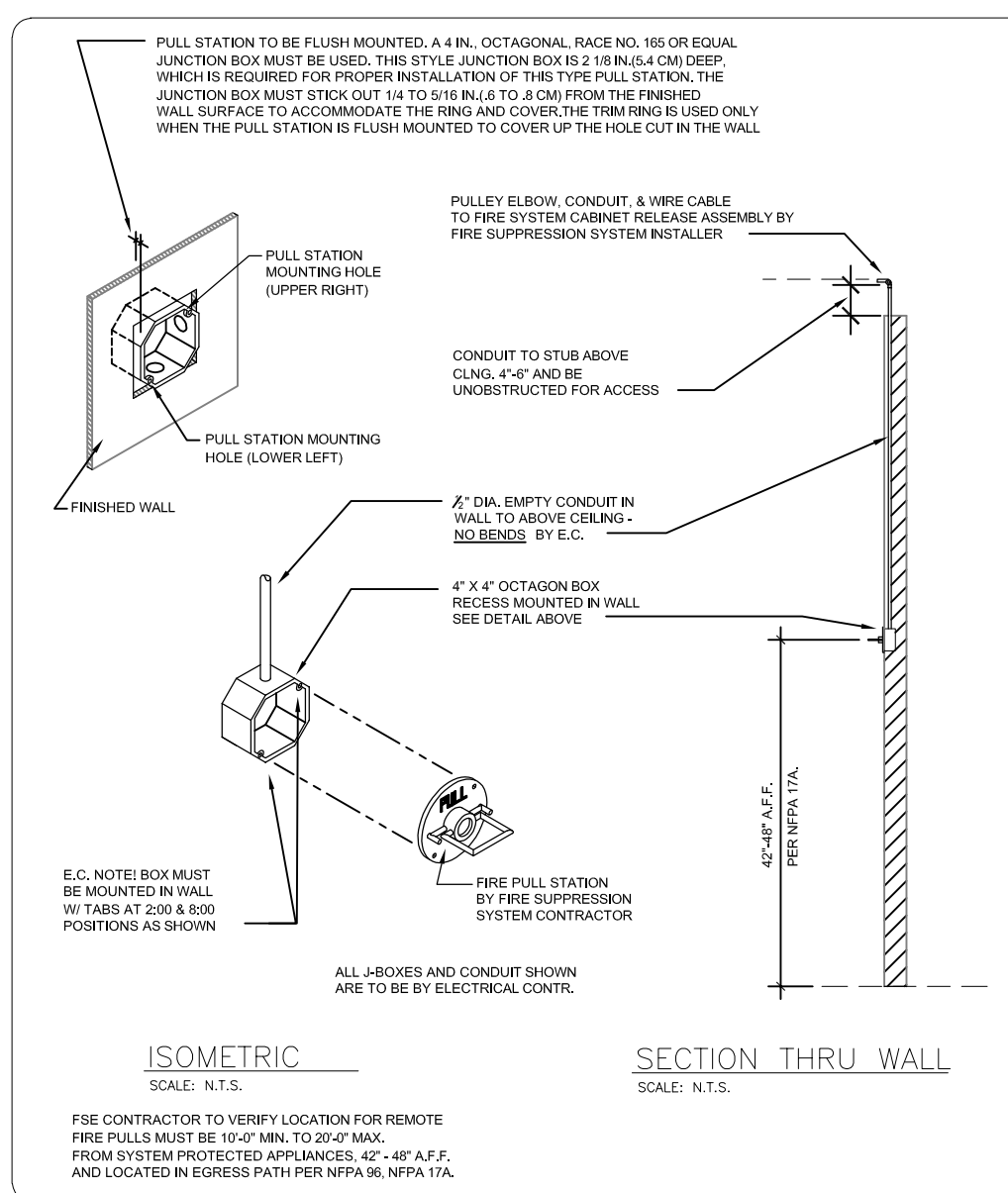
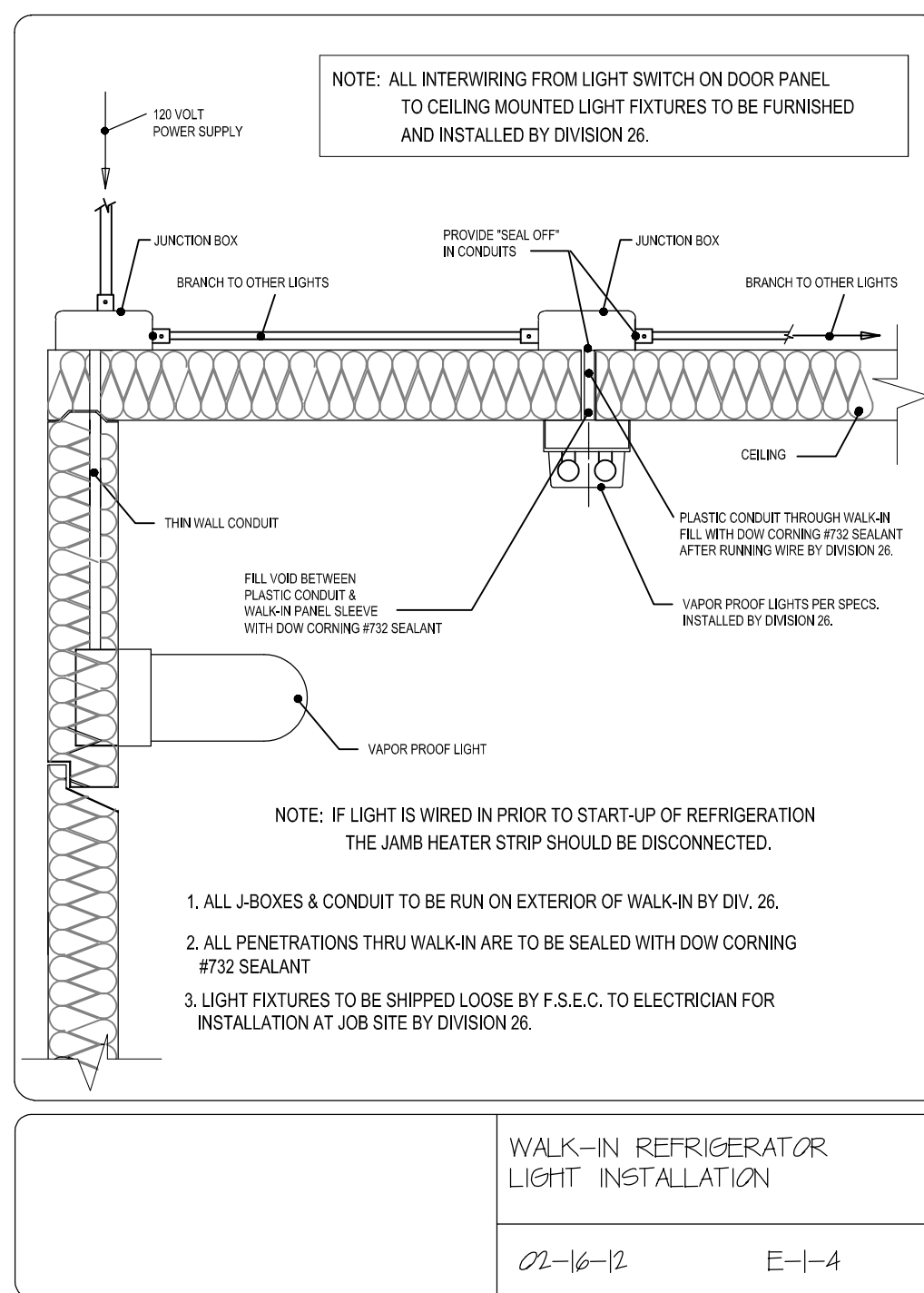


GROUND LEVEL KITCHEN

ITEM NO	QTY	ITEM NAME	VOLTAGE	PHASE	AMPS	CYCLE	HP	KW	CONN AFF	CONN TYPE	NEMA	REMARKS	ITEM NO
1	1	EXHAUST HOOD	120	1	15	60				DIRECT		E16, E20, E27	1
2	1	FIRE SUPPRESSION SYSTEM	120	1	20	60				DIRECT		E14, E15, E16, E28	2
4	1	CONVECTION OVEN, DOUBLE, GAS	115	1	6.0	60	1/2			CORD & PLUG	5-15P	TOP OVEN	4
5	1	GAS COUNTERTOP GRIDDLE	115	1	6.0	60	1/2			CORD & PLUG	5-15P	BOTTOM OVEN	5
7	1	TILTING SKILLET BRAISING PAN, GAS	120	1	1.8	60				CORD & PLUG	5-15P		7
11	2	REACH-IN FREEZER	115	1	9	60	1/2			CORD & PLUG	5-15P		11
14	1	TABLE W/ SINKS	(2) 115	1	10 EA	60				CORD & PLUG	5-15P	GENERAL CONV. OUTLET BELOW TABLE TOP, E22	14
18	1	HOT CABINET, MOBILE	120	1	14	60		1.685	18"	CORD & PLUG	5-15P		18
20	1	MILK COOLER	120	1	3.1	60	1/5			CORD & PLUG	5-15P	DAISY CHAINED TO CASHIER STAND (REFER TO #25)	20
21	1	SERVING COUNTER, HOT FOOD, ELECTRIC	208	1	10.8	60		2.0		CORD & PLUG	6-15P	DAISY CHAINED TO CASHIER STAND (REFER TO #25)	21
			120	1	8.7	60		1.04		CORD & PLUG	5-15P	HEAT LAMP-DAISY CHAINED TO CASHIER STAND (REFER TO #25)	
			120	1	1.5	60		.18		CORD & PLUG	5-15P	LIGHT- DAISY CHAINED TO CASHIER STAND (REFER TO #25)	
22	1	COLD FOOD WELL UNIT, DROP-IN, REFRIGERATED	120/208	1	7.2	60	1/4			CORD & PLUG	5-15P	DAISY CHAINED TO CASHIER STAND (REFER TO #25)	22
23	1	SERVING COUNTER, COLD FOOD	120	1	8.5	60	1/3			CORD & PLUG	5-15P	DAISY CHAINED TO CASHIER STAND (REFER TO #25)	23
			120	1	.5	60		.48		CORD & PLUG	5-15P	LIGHT- DAISY CHAINED TO CASHIER STAND (REFER TO #25)	
25	1	CASH REGISTER STAND	120/208	1	34.6	60			STUB-UP	CORD & PLUG	14-50P	DAISY CHAIN, SINGLE POINT CONNECTION (3 POLE 4 WIRE)	25
26	1	POS TERMINAL	120	1	7	60			STUB-UP	CORD & PLUG	5-15P	PROVIDE CAT-5 DATA PORT, E5, E7	26
32	1	WALK IN REFRIGERATION	120	1	5	60			DFA	DIRECT			32
33	1	CONDENSING UNIT, AIR COOLED	208	3	7.2	60	1.25		DFA	DIRECT			33
34	1	REFRIGERATION COIL, MED TEMP	120	1	1.6	60			DFA	DIRECT			34
37	1	DISHWASHER, DOOR TYPE	208-240	3	45.4	60		8.5		DFA	DIRECT	E8, SINGLE CONN. TANK HEAT, MOTOR & BOOSTER HEATER	37
43	1	WALK IN FREEZER	120	1	5	60			DFA	DIRECT			43
44	1	CONDENSING UNIT, AIR COOLED	208	3	8.6	60	2.0		DFA	DIRECT		E1, E4	44
45	1	EVAPORATOR COIL, LOW TEMPERATURE	208	1	9.8	60			DFA	DIRECT		E4	45
			120	1	10	60			DFA	CORD & PLUG	5-15P	E3	



BASEMENT LEVEL



FIRE SYSTEM REMOTE PULL DETAIL (CONDUIT CONCEALED TO ABOVE CEILING)
06/06/2021 C-22-7

Item No	QTY	Category	Voltage	Phase	Amps	Cycle	CONN TYPE	NEMA	CONN-AFF	Electrical Remarks
900	3	DUPLEX CONVENIENCE OUTLET	120	1	15	60	RECEPTACLE	5-20P	18"	
901	2	DUPLEX CONVENIENCE OUTLET	120	1	15	60	RECEPTACLE	5-20P	48"	

- ELECTRICAL REMARKS LEGEND**
NOTE: THESE REMARKS ARE APPLICABLE WHEN NOTED IN THE ELECTRICAL REMARKS COLUMN ON THE ELECTRICAL SCHEDULE
- E1 ELECTRICAL DIVISION TO INSTALL ADDITIONAL LIGHT FIXTURES PER E-1-4.
 - E2 ELECTRICAL DIVISION TO CONNECT TEMPERATURE ALARM TO BUILDING MANAGEMENT SYSTEM. REFER TO ELECTRICAL ENGINEER'S DRAWINGS FOR DETAILED REQUIREMENTS.
 - E3 ELECTRICAL DIVISION TO CONNECT ELECTRIC HEAT WRAP TAPE ON FREEZER EVAPORATOR COIL DRAIN LINE FURNISHED BY F.S.E.C.
 - E4 ELECTRICAL DIVISION TO INSTALL 3 WIRE CONTROL WIRING FROM DEFROST TIME CLOCK TO DEFROST HEATER ON FREEZER EVAPORATOR COIL.
 - E5 F.S.E.C. TO CONFIRM ELECTRICAL REQUIREMENTS FOR EQUIPMENT NOT IN CONTRACT.
 - E6 PROVIDE 120/208 VOLT, 3 PHASE, 4 WIRE, 30 AMP CIRCUIT FOR VENDOR PROVIDED COFFEE BREWING EQUIPMENT. CONFIRM CONNECTION REQUIREMENTS WITH OWNER OR OPERATOR.
 - E7 REQUIRE DEDICATED CIRCUIT. PROVIDE J-BOXES AND ELECTRICAL NOTE #16.
 - E8 WIRE TO STAINLESS STEEL SAFETY DISCONNECT SWITCH PROVIDED AND INSTALLED BY ELECTRICAL DIVISION AS DETERMINED BY ELECTRICAL ENGINEER.
 - E9 DISH MACHINE W/ TABLE LIMIT SWITCH FURNISHED BY EQUIPMENT MANUFACTURER AND INSTALLED BY ELECTRICAL DIVISION.
 - E10 INTERWIRE WITH VENT FAN CONTROL SWITCH.
 - E11 INTERWIRE TO REMOTE START/ STOP SWITCH.
 - E12 INTERWIRE FROM CONTROL PANEL TO TERMINAL BLOCK ON WASTE SYSTEM.
 - E13 ELECTRICAL DIVISION TO INTERWIRE DISPOSER MOTOR, CONTROL PANEL, AND SOLINOID PER DETAIL P-4-3.
 - E14 PROVIDE UNINTERRUPTED SERVICE TO FIRE PROTECTION SYSTEM AND INTERWIRE TO SHUNT-TYPE CIRCUIT BREAKERS. INTERWIRE TO BUILDING ALARM SYSTEM.
 - E15 EXTEND CONDUIT AND WIRING FROM EXHAUST HOOD AUTOSTART CONTROL TO MAGNETIC STARTERS FOR EXHAUST AND SUPPLY FANS (E20A0); TWO WIRES EACH TO THERMISTAT(S); TWO WIRES TO FIRE SUPPRESSION SYSTEM. INTERWIRE WITH EXHAUST AND SUPPLY FAN MAGNETIC STARTERS AS REQUIRED. REFER TO MANUFACTURER'S SHOP DRAWINGS AND APPLICABLE CODES.
 - E16 TWO WIRES AND GROUND FROM EXHAUST HOOD AUTOSTART CONTROL TO MAGNETIC STARTERS FOR EXHAUST AND SUPPLY FANS (E20A0); TWO WIRES EACH TO THERMISTAT(S); TWO WIRES TO FIRE SUPPRESSION SYSTEM. INTERWIRE WITH EXHAUST AND SUPPLY FAN MAGNETIC STARTERS AS REQUIRED. REFER TO MANUFACTURER'S SHOP DRAWINGS AND APPLICABLE CODES.
 - E17 DOWN FROM ABOVE INSIDE UTILITY CHASE AND BRANCH TO CONNECTION.
 - E18 STUB UP FROM FLOOR & MOUNT RECEPTACLE/ J-BOX INSIDE CABINET.
 - E19 ELECTRICAL DIVISION TO MAKE INTERCONNECTION AT FIELD JOINTS.
 - E20 REFER TO MANUFACTURER'S SHOP DRAWING FOR INTERCONNECTIONS AND WIRING DIAGRAMS.
 - E21 CONCEAL MOUNT ELECTRICAL WIRING TO UNDERSIDE OF EQUIPMENT.
 - E22 ELECTRICAL DIVISION TO PULL WIRING AND MAKE FINAL CONNECTIONS.
 - E23 INTERWIRE W/ LIGHT SWITCH. CONCEAL WIRING INSIDE UPRIGHT/ POST.
 - E24 ELECTRICAL DIVISION TO INTERWIRE TO REMOTE CONTROL(S) AS REQUIRED.
 - E25 WATER PROOF GFCI RECEPTACLE WITH COVER PROVIDED BY ELECTRICAL DIVISION.
 - E26 ELECTRICAL DIVISION TO FURNISH AND INSTALL EMT CONDUIT FOR BEVERAGE LINES FROM REMOTE BEVERAGE SYSTEM TO DISPENSING LOCATION. REFER TO BUILDING WORKS DRAWING DETAILS.
 - E27 INTERWIRE EXHAUST HOOD LIGHTS W/ WALL MOUNTED ON/OFF SWITCH.
 - E28 PROVIDE J-BOX & CONDUIT FOR RECESSED REMOTE FIRE PULL STATION PER DETAIL C-22-7.
 - E29 E.P. - EMERGENCY POWER CONNECTION REQUIRED.
 - E30 CONNECT TO DRAIN WATER TEMPERING KIT.

- ELECTRICAL NOTES**
1. ELECTRICAL PLAN SHOWS ROUGH-IN AND CONNECTION LOCATIONS WITH CAPACITIES - SEE ROUGH-IN DRAWINGS FURNISHED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR FOR ACTUAL ROUGH-IN LOCATIONS.
 2. ELECTRICAL SYSTEM IS DESIGNED FOR 120/208 VOLTS, _____ PHASE, _____ HERTZ, _____ WIRE SYSTEM.
 3. DIVISION 26 SHALL FURNISH AND INSTALL ALL JUNCTION BOXES, RECEPTABLES, COVER PLATES, PULL BOXES, CONDUIT AND WIRING EXCEPT WHERE NOTED.
 4. ALL CONDUIT RUNS INDICATED FOR REFRIGERATION, DRINK AND LIQUOR SYSTEM LINES SHALL BE FURNISHED AND INSTALLED BY DIVISION 26 - CONDUIT SHALL HAVE 24" MINIMUM RADIUS BENDS. REFER TO BUILDING WORKS PLAN FOR ROUTING AND DETAILS.
 5. DIVISION 26 TO FURNISH & INSTALL SAFETY DISCONNECT SWITCHES WHERE REQUIRED. REFER TO ELECTRICAL SCHEDULE & CONTRACT DOCUMENTS. SDS TO BE 5/5 OR ALLUMINUM.
 6. FSE CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL WORK FOR FABRICATED EQUIPMENT ITEMS (CHEF'S COUNTERS, TABLES, ETC.) AS NOTED. COMPLETE WITH JUNCTION BOXES, CONDUIT, SURFACE MOUNTED ELECTRIC BOXES, COVER PLATES, ELECTRIC RACKS AND CIRCUIT BREAKER PANEL, WHEN SPECIFIED. DIVISION 26 SHALL PULL WIRING AND MAKE FINAL CONNECTIONS.
 7. FOOD SERVICE EQUIPMENT CONTRACTOR SHALL FURNISH & INSTALL VAPOR PROOF FURNISHED LIGHTS COMPLETE WITH LAMPS - INTERCONNECTING CONDUIT, WIRING AND WALL SWITCH TERMINATED AND INSTALLED BY DIVISION 26.
 8. ADDITIONAL CONVENIENCE RECEPTABLES, TELEPHONE AND INTERCOM JACKS SHALL BE LOCATED BY THE ARCHITECT.
 9. FOOD SERVICE EQUIPMENT CONTRACTOR SHALL FURNISH & INSTALL DISPOSER SWITCH - DIVISION 26 SHALL FURNISH AND INSTALL INTERCONNECTING CONDUIT AND WIRING BETWEEN SWITCH DISPOSER AND COMPONENTS.
 10. DIVISION 26 TO FURNISH & INSTALL ALL INTERCONNECTING CONDUIT & WIRING BETWEEN MICROSWITCH FURNISHED WITH FIRE SUPPRESSION SYSTEM SUPPLIED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR. CONTRACTORS FURNISHED BY DIVISION 26.
 11. DIVISION 26 TO FURNISH AND INSTALL SHUNT TRIP TYPE BREAKER DISCONNECT TO FOOD SERVICE EQUIPMENT UNDERNEATH EXHAUST VENTILATOR. COORDINATE SHUNT TRIP BREAKER REQUIREMENTS WITH FOOD SERVICE EQUIPMENT CONTRACTOR.
 12. DIVISION 26 TO FURNISH AND INSTALL INTERCONNECTING CONDUIT AND WIRING (2 WIRE 24 VDC) BETWEEN ALARM PANEL AND COLD STORAGE ROOM ALARM THERMOSTAT PANEL AND THERMOSTAT FURNISHED AND INSTALLED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR.
 13. PRE-FABRICATED COLD STORAGE ROOMS ARE FURNISHED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR COMPLETE WITH SPLICE BOXES, LIGHT FIXTURES, LAMPS, LIGHT SWITCHES, AND DOOR HEATERS - DIVISION 26 TO INSTALL SAME AND SHALL FURNISH AND INSTALL INTERCONNECTING CONDUIT, WIRING, SEAL-OFFS, SEALANT AND MAKE ALL FINAL CONNECTIONS.
 14. DIVISION 26 SHALL FURNISH AND INSTALL ALL INTERCONNECTING CONDUIT AND WIRING BETWEEN FOOD SERVICE EQUIPMENT CONTRACTOR FURNISHED LOW TEMP COLD STORAGE ROOM EVAPORATOR TERMINAL BLOCK, ROOM THERMOSTAT, LIQUID LINE SOLENOID VALVE, FAN DOOR SWITCH/RELAY, EVAPORATOR COIL DRAIN LINE, HEAT TAPE AND COMPRESSOR CONTROL PANEL.
 15. DIVISION 26 SHALL FURNISH AND INSTALL EMPTY CONDUIT WITH J-BOXES FOR INSTALLATION OF OWNER SUPPLIED ELECTRONIC CASH CONTROL SYSTEM. DIVISION 26 TO VERIFY INSTALLATION IN ACCORDANCE WITH OWNER'S REQUIREMENTS AND MANUFACTURER'S INSTRUCTIONS.

- LEGEND - ELECTRICAL CONNECTIONS**
- ⊕= DUPLEX RECEPT., 20-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
 - ⊖= SIMPLEX RECEPT., 20-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
 - ⊙= SPECIAL PURPOSE OUTLET, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
 - ⊚= SPECIAL PURPOSE OUTLET, 208/240-VOLT AS INDICATED, GROUND TYPE, HORIZONTAL MOUNT
 - ⊚= JUNCTION BOX WITH CONDUIT, STUB AS INDICATED FOR DIRECT CONNECTION
 - FIELD WIRING
 - SAFETY DISCONNECT SWITCH (SDS)
 - ⊕ TELEPHONE JACK
 - ⊕ SWITCH
 - ⊕ MANUAL PULL (FIRE SUPPRESSION SYSTEM)
 - ↑↑↑ ABOVE FINISHED FLOOR
 - ↓ ↓ ↓ DOWN FROM ABOVE
 - B/C BRANCH TO CONNECTION
 - C.O. CONVENIENCE OUTLET
 - E.C. ELECTRICAL CONTRACTOR (DIVISION 26)
 - NC NOT IN CONTRACT

THIS DRAWING IS INTENDED TO PROVIDE INFORMATION TO BE INCLUDED ON THE ARCHITECT'S / ENGINEER'S DOCUMENTS. IT IS NOT INTENDED AND SHOULD NOT BE USED FOR CONSTRUCTION.

FOOD SERVICE EQUIPMENT CONTRACTOR (F.S.E.C.) SHALL VERIFY ALL FIELD CONDITIONS AND DIAGNOSIS & BE RESPONSIBLE FOR FIELD FIT & QUALITY OF WORK. NO ALLOWANCES SHALL BE MADE ON BEHALF OF THE F.S.E.C. FOR ANY ERROR OR NEGLIGENCE ON THEIR PART.

DIMENSIONED DRAWINGS TO BE PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR AFTER AWARD OF CONTRACT DURING CONSTRUCTION PHASE.

NOTE: ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ARCHITECT. ENGINEER & DESIGN ARCHITECTS, P.C. (KG+D) AND THESE IDEAS, DESIGN, ARRANGEMENTS AND PLANS ARE NOT TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN PERMISSION ON THIS DRAWING SHALL HAVE PRECEDENCE OVER ORAL PERMISSION. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS AND CONDITIONS SHOWN ON THIS DOCUMENT. UNLESS ACTED UNDER THE DIRECTION OF THE LICENSED ARCHITECT / ENGINEER PROFESSIONAL SEAL IS REQUIRED. THIS IS A VIOLATION OF TITLE 18, SECTION 88.3 (b) OF NEW YORK STATE LAW.

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Professional Seal

No.	Date	Issue
5	11/01/2021	ISSUE FOR BID
4	08/24/2021	NYS ED ADDENDUM 1
3	07/14/2021	CONST. DOCS - FOR NYS ED
2	12/15/2020	DESIGN DEVELOPMENT
1	08/31/2020	SCHEMATIC DESIGN

Sheet Title

KITCHEN ELECTRICAL PLAN

Job No.	Date
2019-1026	06-24-21

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

Sheet No. **KA-3**