

DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF THIS CORPORATION WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED ON OTHER PROJECTS OR EXTENSION TO THIS PROJECT EXCEPT BY AGREEMENT IN WRITING AND APPROPRIATE COMPENSATION TO THIS CORPORATION.

PANEL: EXIST. "A"		MAIN DEVICE: MAIN BREAKER		LOCATION: ?						
VOLTAGE: 208/3/60, 4W		TYPE: NQOD RATING: 200 AMPS		MOUNTING: SURFACE/RECESSED						
10,000 AIC										
CKT. NO.	ITEM	KVA	C.B.	PHASE LOADS			C.B.	KVA	ITEM	CKT. NO.
				PH. A	PH. B	PH. C				
1	CANOPY LIGHTS--**	0.4	20/1	0.8			20/1	0.4	OUTSIDE RECP	2
3	FAN/LIGHTS	1.6	20/1		2.4		20/1	0.8	SODA DRINK	4
5	LIGHTS-KITCHEN	0.7	20/1			1.5	20/1	0.8	SODA DRINK	6
7	LIGHTS DINNING	0.7	20/1	0.7			20/1	0.0	WATER SOFTNER **	8
9	LIGHTS-DINNING	0.4	20/1		0.4		20/1	0.0		10
11	RECP-DRY STORAGE	0.4	20/1			0.8	20/1	0.4	UNDER BAR COOLER-11	12
13	BASEBOARD-LED	1.6	20/1	2.0			20/1	0.4	BEER REFRIGARTION-1	14
15	EXIST. COOLER COND	2.8	30/2		3.2		20/1	0.4	UNER BAR REFRIGERATION-4	16
17		2.8				3.1	20/1	0.3	FRIDGE-5	18
19	EXIST. COOLER **	1.6	20/1	1.6			20/1	0.0		20
21	RECP-DRY STORAGE	0.4	20/1		4.2		40/2	3.8	GLASS WASHER-8	22
23	RECP-COVERED PATIO	0.8	20/1			4.6		3.8		24
25	AU-1 * ****	9.6	100/2	9.8			20/1	0.2	HOT WATER RECIP PUMP	26
27		9.6			10.0		20/1	0.4	OUTSIDE RECEPTACLE	28
29	RECP-DINING-B	1.6	20/1			3.2	20/1	1.6	RECP-DINING-A	30
31	RECP-DINING-B	1.6	20/1	2.8			20/1	1.2	RECP-DINING -A	32
33		0.0			0.0			0.0		34
35		0.0			0.0			0.0		36
37		0.0			0.0			0.0		38
39		0.0			0.0			0.0		40
41		0.0			0.0			0.0		42
		TOTAL		17.7	20.2	13.2	51.10			

REMARKS : \* HACR BREAKER      \*\*\* GFI BREAKER  
 \*\* EXIST. CIRCUIT TO REMAIN      \*\*\*\* NEW BREAKER

PANEL: EXIST. "B"		MAIN DEVICE: M.L.O./MAIN BREAKER		LOCATION: ?						
VOLTAGE: 208/3/60, 4W		TYPE: NQOD RATING: 200 AMPS		MOUNTING: SURFACE/RECESSED						
10,000 AIC										
CKT. NO.	ITEM	KVA	C.B.	PHASE LOADS			C.B.	KVA	ITEM	CKT. NO.
				PH. A	PH. B	PH. C				
1	EXIST. HEAT PUMP-DINING **	3.0	50/2	6.0			50/2	3.0	EXIST. HEAT PUMP-KITCHEN **	2
3		3.0			6.0			3.0		4
5	EXIST. AIRHANDLER-DINING--**	9.6	100/2			9.6	20/1	0.0		6
7		9.6			9.6		20/1	0.0		8
9	MITSUBISHI UNIT	2.2	30/2		7.7		60/2	5.5	EXIST. AIRHNADLER-KITCHEN **	10
11		2.2				7.7		5.5		12
13		0.0	50/2	0.0			20/1	0.0	FIRE ALARM SPLIT SPACE	14
15		0.0			0.0		20/1	0.0	SPLIT SPACE FOR 2-20 BRKR	16
17		0.0	30/1			3.3	50/2	3.3	HP-1 * ****	18
19	KITCHEN EXHAUST FAN**	0.0	20/2	3.3				3.3		20
21		0.0			1.2		20/1	1.2	RECEPTACLES-HOST/SODA	22
23	HOOD **	0.0	20/1		0.0		20/1	0.0		24
25	MAKE-UP AIR FAN **	0.0	20/1	0.0			30/2	0.0		26
27	WINDOW AC	0.8	20/1		1.2			0.4	DOOR OPENER	28
29	BUILDING SIGN	0.0	20/1			0.0	20/1	0.0	GRINDER **	30
31		0.0	20/1	0.0			20/1	0.0		32
33		0.0			0.0			0		34
35		0.0			0.0			0		36
37		0.0			0.0			0		38
39		0.0			0.0			0		40
41		0.0			0.0			0		42
		TOTAL		18.9	16.1	20.6	55.60			

REMARKS : \* HACR BREAKER      \*\*\* GFI BREAKER  
 \*\* EXIST. CIRCUIT TO REMAIN      \*\*\*\* NEW BREAKER

PANEL: NEW "K"		MAIN DEVICE: M.L.O./MAIN BREAKER		LOCATION: ?						
VOLTAGE: 208/3/60, 4W		TYPE: NQOD RATING: 200 AMPS		MOUNTING: SURFACE/RECESSED						
10,000 AIC										
CKT. NO.	ITEM	KVA	C.B.	PHASE LOADS			C.B.	KVA	ITEM	CKT. NO.
				PH. A	PH. B	PH. C				
1	DISHWASHER	4.0	60/3	13.0			100/3	9.0	WATER HEATER	2
3		4.0			13.0			9.0		4
5		4.0				13.0		9.0		6
7	SPARE	0.0	20/1	1.6			20/2	1.6	NEW FREEZER ***	8
9	RECP-KITCHEN	0.4	20/1		2.0		20/1	1.6	NEW FREEZER EVP FAN & LIGHT	10
11	RECP-KITCHEN	0.4	15/1			0.4	20/1	0.0		12
13	CONV. OVEN-	3.5	40/2	3.9			20/1	0.4	FIRE ALARM	14
15		3.5			3.5		20/1	0.0		16
17	HOLDING CABINET-	2.0	30/1			2.0	20/1	0.0		18
19		0.0	20/1	1.2			20/1	1.2	RECP-OFFICE	20
21		0.0	20/1		1.4		20/2	1.4	ICE MACHINE-18	22
23		0.0	20/1			1.4		1.4		24
25	TRUE 48"-32	1.4	20/1	1.4			20/1	0.0		26
27	TRUE- 38	0.9	20/1		0.9		20/1	0.0		28
29		0.0	20/1			0.0	20/1	0.0		30
31		0.0	20/1	0.0			20/1	0.0		32
33		0.0			0.0			0		34
35		0.0			0.0			0		36
37		0.0			0.0			0		38
39		0.0			0.0			0		40
41		0.0			0.0			0		42
		TOTAL		21.1	20.8	16.8	58.70			

REMARKS : \* HACR BREAKER      \*\*\* VERIFY WITH EQUIPMENT SUPPLIER  
 \*\* EXIST. CIRCUIT TO REMAIN      \*\*\*\* NEW BREAKER

### COPPER WIRING SCHEDULE

BREAKER SIZE	WIRING SIZE	DISCONNECT SIZE
20/1	2#12,1#12G, 1/2"C	30/2/NF
20/2	3#12,1#12G, 1/2"C	30/2/NF
20/3	3#12,1#12G, 1/2"C	30/3/NF
30/1	2#10,1#10G, 1/2"C	30/2/NF
30/2	3#10,1#10G, 1/2"C	30/2/NF
30/3	3#10,1#10G, 1/2"C	30/3/NF
40/1	2#8,1#10G, 3/4"C	60/2/NF
40/2	3#8,1#10G, 3/4"C	60/2/NF
40/3	3#8,1#10G, 3/4"C	60/3/NF
50/1	2#6,1#10G, 3/4"C	60/2/NF
50/2	3#6,1#10G, 3/4"C	60/2/NF
50/3	3#6,1#10G, 3/4"C	60/3/NF
60/1	2#4,1#10G, 1"C	60/2/NF
60/2	3#4,1#10G, 1"C	60/2/NF
60/3	3#4,1#10G, 1"C	60/3/NF
70/1	2#4,1#8G, 1"C	100/2/NF
70/2	3#4,1#8G, 1"C	100/2/NF
70/3	3#4,1#8G, 1"C	100/3/NF
80/1	2#3,1#8G, 1"C	100/2/NF
80/2	3#3,1#8G, 1 1/4"C	100/2/NF
80/3	3#3,1#8G, 1 1/4"C	100/3/NF
90/1	2#2,1#8G, 1 1/4"C	100/2/NF
90/2	3#2,1#8G, 1 1/4"C	100/2/NF
90/3	3#2,1#8G, 1 1/4"C	100/3/NF
100/1	2#1,1#8G, 1 1/4"C	100/2/NF
100/2	3#1,1#8G, 1 1/4"C	100/2/NF
100/3	3#1,1#8G, 1 1/4"C	100/3/NF

\* MAXIMUM LEGNTH=100 FT.  
 \*\* OUTDOOR DISCONNECT SHALL BE WEATHERPROOF  
 PROVIDE NEUTRAL WIRE FOR DRYER, RANGE, AND OVEN.

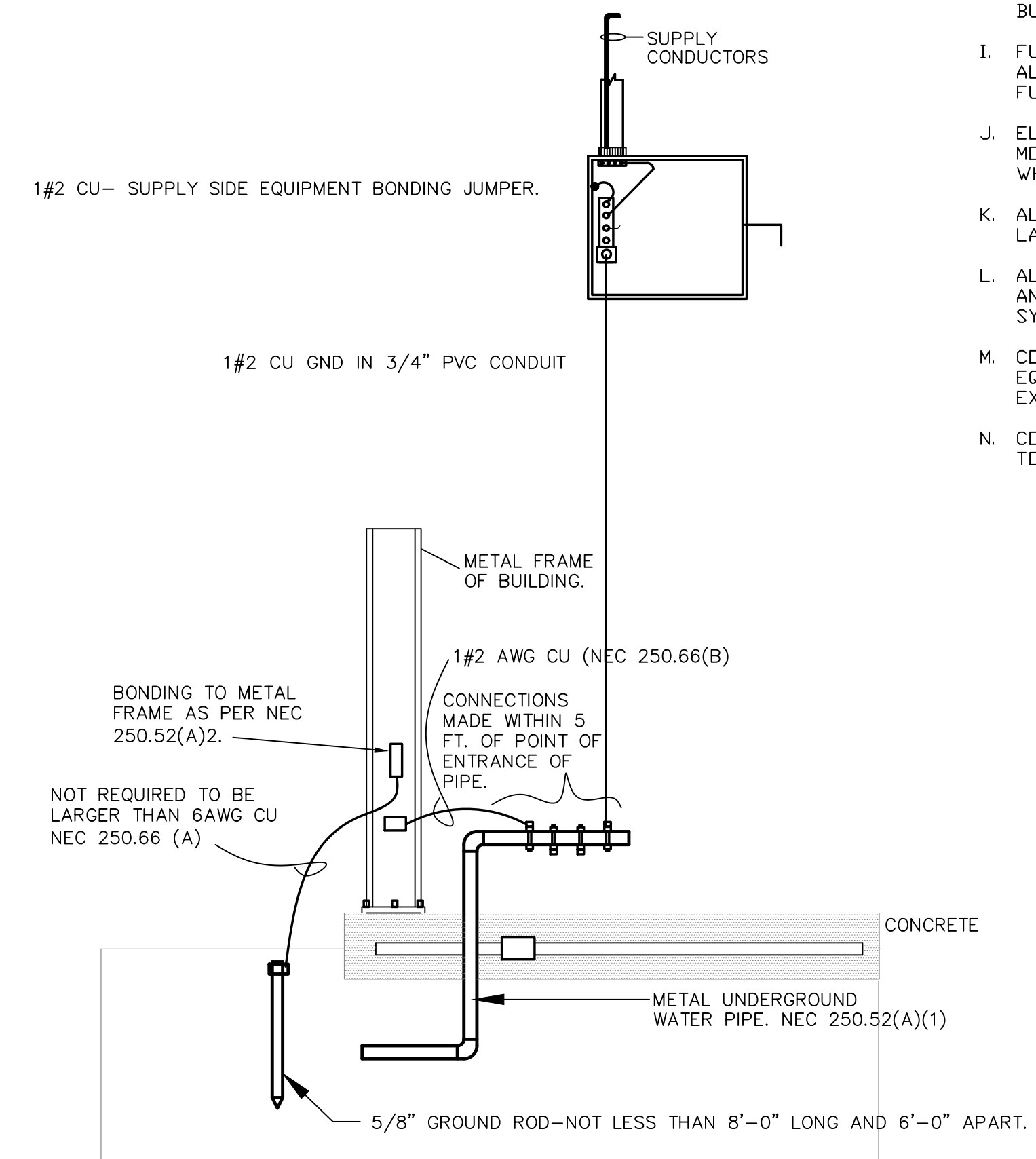
### ELECTRICAL NOTES

- CONTRACTOR SHALL NOT RUN ANY WIRES WITHOUT VERIFYING WITH ELECTRICAL CHARACTERISTICS OF EQUIPMENT. DESIGN DOCUMENTS MAY DIFFER FROM ACTUAL ELECTRICAL CHARACTERISTICS OF EQUIPMENT. ENGINEER DOES NOT HAVE ACTUAL EQUIPMENT DATA DURING DESIGN PROCESS. CONTRACTOR SHALL BRING TO ATTENTION OF ENGINEER FOR ANY DISCREPANCIES. CONTRACTOR MUST SUBMIT EQUIPMENT DATA WHICH REQUIRED ELECTRICAL POWER TO ENGINEER. APPROVED EQUIPMENT BY ENGINEER OR ARCHITECT DOES NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY OF VERIFICATION OF ELECTRICAL CHARACTERISTICS OF EQUIPMENT AND MODIFY CIRCUITS AS NECESSARY.
  - PROVIDE ELECTRICAL CONNECTIONS TO ALL ITEMS SHOWN AS PART OF THE GENERAL CONTRACT WHICH REQUIRES ELECTRICALITY.
  - EXPOSED WIRING SHALL BE IN EMT OR RIGID CONDUIT.
  - CONTRACTOR SHALL VERIFY ELECTRICAL CHARACTERISTICS BEFORE RUNNING CONDUIT AND WIRES.
  - THE BRANCH CIRCUIT FEEDING THE EMERGENCY LIGHT AND EXIT LIGHT (UNIT EQUIPMENT) SHALL BE THE SAME BRANCH CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES AS PER NEC CODE 700-12(F).
- I EMERGENCY AND EXIT LIGHTS CONNECTED TO CIRCUITS CONTROLLED BY TIME CLOCK, OR PHOTOCELL SHALL HAVE BYPASS MEANS TO BE CONTINUOUSLY ENERGIZED WHEN CIRCUIT IS ACTIVE.
- II CIRCUIT WITH EMERGENCY AND EXIT LIGHTS WITH NO SWITCH, TIME CLOCK OR PHOTOCELL SHALL BE PROGRAMMED TO OPERATE CONTINUOUSLY.
- ALL OUTLETS WITHIN SIX FEET OF ANY SINK SHALL BE GROUND FAULT PROTECTION TYPE.
  - PROVIDE FIRE SAFE BLANKET WRAP AROUND EACH OUTLET BOX IN FIRE RATED ASSEMBLY TO MAINTAIN ASSEMBLY FIRE RATING.
  - PROVIDE GROUND FAULT PROTECTION TYPE (GFI) RECEPTACLES AT THE FOLLOWING LOCATION:
    - OUTDOORS
    - SINKS WHERE RECEPTACLES ARE INSTALLED WITHIN 6 FEET FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK
    - OUTSIDE WITH WEATHERPROOF (READILY ACCESSIBLE)
    - WET LOCATION.
  - BRANCH CIRCUIT CONDUCTORS:
 

WIRES RUN OVER 100 FEET LONG SHALL BE SIZED NEXT SIZE OF WIRE SCHEDULE. THIS APPLIES TO THE ENTIRE CIRCUIT OR CIRCUITS.
  - ALL DISCONNECT SWITCHES SHALL BE IDENTIFIED AS PER NEC CODE SECTION 110.22.

### ELECTRICAL SPECIFICATIONS

- GENERAL
  - PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND NECESSARY ITEMS AND OBTAIN AND PAY FOR ALL FEES AND PERMITS REQUIRED TO INSTALL A COMPLETE ELECTRICAL SYSTEM.
  - IT IS THE INTENT OF THESE PLANS TO PROVIDE A COMPLETE ELECTRICAL SYSTEM, REGARDLESS OF WHETHER EACH INDIVIDUAL COMPONENT IS MENTIONED OR NOT.
  - THE WORK SHALL COMPLY WITH THE STANDARDS OF THE FOLLOWING CODES AND ORDINANCES:
    - NFPA NO. 70, "NATIONAL ELECTRIC CODE," LATEST ED.
    - NECA "STANDARD OF INSTALLATION"
    - UNDERWRITER'S LABORATORY STANDARDS
    - OTHER LOCAL CODES, ORDINANCES AND LAWS APPLICABLE TO THE LOCATION OF THIS PROJECT.
- MATERIALS AND WORKMANSHIP:
  - THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY PLACEMENT OF ALL CONDUITS, OUTLET BOXES, CABINETS, AND OTHER WIRING DEVICES IN FLOORS, WALLS, CEILINGS, ETC. AS THE CONSTRUCTION PROGRESSES.
  - OUTLET BOXES SHALL BE LOCATED AS FOLLOWS:
    - WALL SWITCHES - 4'-0" ABOVE FINISH FLOOR.
    - CONVENIENCE OUTLETS - 16" AFF.
    - EQUIPMENT OUTLETS AS REQUIRED (VERIFY)
  - WIRING SYSTEM SHALL BE AS FOLLOWS:
    - RIGID CONDUIT-GALVANIZED STEEL OR RIGID ALUMINUM AS PERMITTED BY N. E. C.
    - EMT- ELECTRIC METALLIC TUBING CONDUIT MAY BE USED ONLY WHERE IT IS NOT SUBJECT TO MECHANICAL DAMAGE AND WHERE PERMITTED BY THE N. E. C. AND LOCAL CODES. EMT CONDUIT SHALL NOT BE USED OUTSIDE THE BUILDING.
    - FLEXIBLE METAL TUBING - TO BE USED AT CONNECTIONS WHERE REQUIRED. CONNECTIONS SHALL BE MADE WITH GROUND. ALL SUCH CONNECTIONS SHALL BE LIQUID TIGHT.
    - UNDERGROUND CIRCUIT SHALL BE SCHEDULE 40 PVC.
- CONDUCTORS SHALL BE COPPER, TYPE THWN/THHN.
- CONVENIENCE RECEPTACLES SHALL BE 15 (20AMP), 125 VOLT NEMA 5-15(20R).
- WALL SWITCHES SHALL BE 20 AMP, 120/277 V. AC, SINGLE POLE OR AS INDICATED ON THE DRAWING.
- GROUNDING OF ELECTRICAL SYSTEMS SHALL BE IN ACCORDANCE WITH THE NEC AND LOCAL REQUIREMENTS.
- ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ITEMS SHOWN AS PART OF THE GENERAL CONTRACT WHICH REQUIRE ELECTRICITY-INCLUDING ALL SIGNAGE, BUILDING LIGHTING, AND CONTROL WIRING.
- FUSES SHALL BE DUAL-ELEMENT CURRENT LIMITING FUSES IN ALL DISCONNECT SWITCHES OR OTHER FUSIBLE DEVICES. FURNISH A SPARE FUSE OF EACH TYPE USED ON THE JOB.
- ELECTRICAL CONTRACTOR SHALL INSTALL AND CONNECT MOTOR STARTERS, RELAYS, SWITCHES, AND RELATED ITEMS WHICH ARE SUPPLIED BY OTHERS.
- ALL MATERIAL SHALL BE NEW AND UL APPROVED AND LABELED.
- ALL ELECTRICAL EQUIPMENT AND SYSTEMS SHALL BE TESTED AND ADJUSTED FOR PROPER OPERATION. COMPLETE WIRING SYSTEM SHALL BE FREE OF SHORT CIRCUITS.
- CONTRACTOR SHALL MAKE COMPLETE CONNECTIONS TO ALL EQUIPMENT. COORDINATE WITH EQUIPMENT SUPPLIER FOR EXACT LOCATIONS AND REQUIREMENTS.
- CONTRACTOR MUST SUBMIT EQUIPMENT DATA FOR APPROVAL TO ENGINEER.



### ELECTRIC RISER DIAGRAM

NO SCALE

WIRING SCHEDULE (COPPER)

① 4#4/0, 1#2G, 2 1/2"C

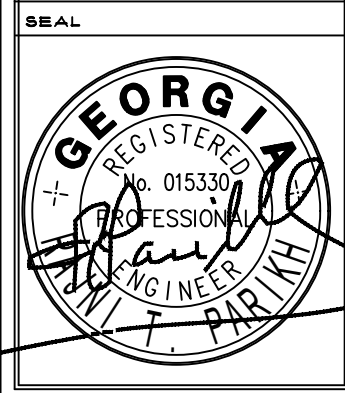
② 4#4/0, 2"C

**GROUNDING ELECTRODE SYSTEM**  
 NTS

AIC IS BASE ON 5.75 IMPEDANCE OF SECONDARY, 50'-0" MINIMUM DISTANCE BETWEEN TRANSFORMER AND DISCONNECT

REVISIONS	DESCRIPTION	DATE
1	3/17/26	HEALTH DEPARTMENT

DATE OF THIS PLOT:  
 Mar 17, 2026



Homer Lewis & Associates, Inc.  
 230 River Cove Meadows  
 Social Circle, Ga. 30025  
 (678) 210-1007

RESTAURANT BUILDOUT AND ADDITION  
 FOR EAST HAVEN, LLC.  
 451 OLD PHOENIX ROAD  
 EATONTON, GEORGIA 31024

RELEASED FOR CONSTRUCTION
DRAWN BY
CHECKED BY
JOB NUMBER 255
SCALE AS NOTED
DATE 2/7/2026
SHEET