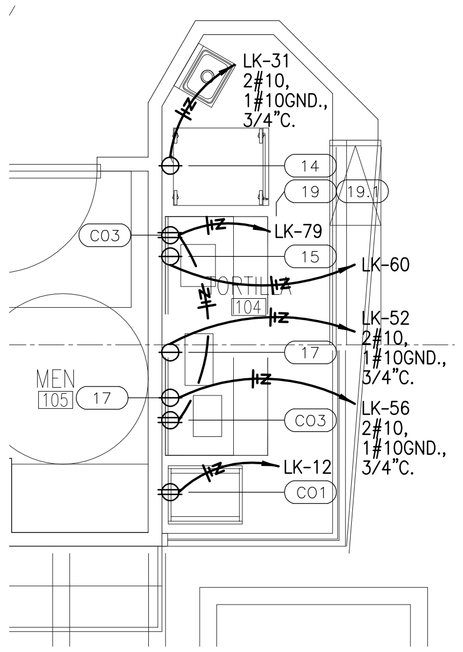


N

2 ELECTRICAL PARTIAL POWER PLAN

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

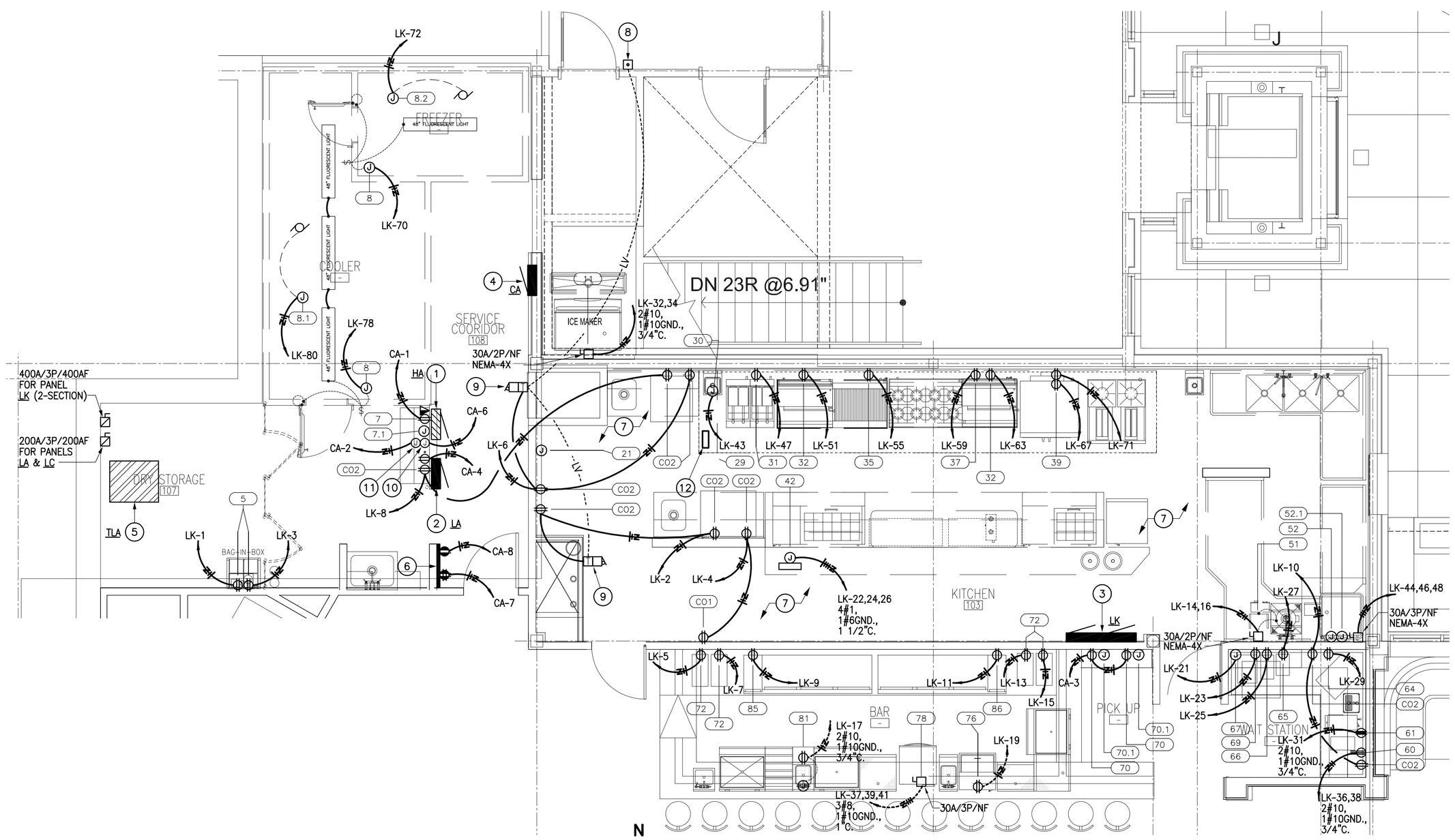
ELECTRICAL KEYED NOTES:

(FOR SHEET E2.01)

1. 277/480V., 3ø, 4W PANELBOARD HA. REFER TO SHEET E4.00 FOR PANEL SCHEDULE INFORMATION.
2. 120/208V., 3ø, 4W PANELBOARD LA. REFER TO SHEET E4.00 FOR PANEL SCHEDULE INFORMATION.
3. 120/208V., 3ø, 4W PANELBOARD LK (2-SECTION). REFER TO SHEET E4.00 FOR PANEL SCHEDULE INFORMATION.
4. 120/208V., 3ø, 4W PANELBOARD CA. REFER TO SHEET E4.00 FOR PANEL SCHEDULE INFORMATION.
5. 480V. 120/208V, 3ø, 4W (150KVA) TRANSFORMER TLA MOUNTED ON ROOF. REFER TO RISER DIAGRAM ON SHEET E4.00 FOR MORE INFORMATION.
6. LINE ENTIRE WALL WITH 3/4" THICK FIRE RETARDANT PLYWOOD TELEPHONE BACKBOARD. UTILIZE SHELL BUILDING STUB AND EXTEND (1) 1 1/2"C. FROM BUILDING TELEPHONE NETWORK DEMARCATION POINT. FIELD VERIFY EXACT LOCATION OF TELEPHONE COMPANY CABINET.
7. ALL 15A/1P AND 20A/1P RECEPTACLES WITHIN KITCHEN AND SERVING AREAS SHALL BE GFCI PROTECTED PER NEC.
8. PROVIDE EDWARDS LOW VOLTAGE PUSH BUTTON #603-L MOUNTED AT +48" A.F.G.
9. PROVIDE EDWARDS ADAPTABUZZER "340A SERIES" WITH 24V LOW VOLTAGE TRANSFORMER.
10. J-BOX FOR ALARM EQUIPMENT.
11. J-BOX FOR SECURITY EQUIPMENT.
12. PRE-WIRED ELECTRICAL PACKAGE PROVIDED BY HOOD MANUFACTURER. ADDITIONAL SHUNT TRIP BREAKERS SHALL BE PROVIDED BY CONTRACTOR. INTERLOCKING OF KITCHEN SUPPLY AND EXHAUST FANS IS CONTROLLED BY PRE-WIRED ELECTRICAL PACKAGE. 3 PHASE MOTOR STARTERS SHALL BE PROVIDED FOR THE PRE-WIRED ELECTRICAL PACKAGE. COORDINATE/CONSULT WITH HOOD MANUFACTURER FOR MORE INFORMATION. REFER TO SHEET E1.00 FOR LIGHTING UNDER HOOD.

ELECTRICAL SCHEDULE

NO.	VOLTS	PH.	LOAD	HEIGHT A.F.F.	LOC.	CONN.	REMARKS
CO1	120	1	15.0 A	18"	WALL	DCO	GENERAL USE OUTLET
CO2	120	1	15.0 A	50"	WALL	DCO	GENERAL USE OUTLET - MOUNT HORIZONTAL
CO3	120	1	15.0 A	50"	WALL	DCO	GENERAL USE OUTLET - MOUNT HORIZONTAL
5	120	1	15.0 A	90"	WALL	DCO	FOR CARBONATORS
7	120	1	20.0 A	18"	WALL	DCO	FOR P.O.S. SYSTEM - N.I.K.E.C. - VERIFY REQUIREMENTS WITH OWNNER
7.1	—	—	—	18"	WALL	J-BOX	EMPTY W/ PULL STRING, HOME RUN TO MNGR OFFICE. VERIFY WITH OWNER
8	120	1	8.0 A	108"	DFA	J-BOX	BTC ON WALK-IN LIGHT CIRCUIT/DOOR HEATER
8.1	120	1	4.4 A	108"	DFA	J-BOX	BTC ON WALK-IN COOLER COIL
11	208	1	18.1 A	72"	WALL	J-BOX	BTC ON ICE MACHINE. INTERCONNECT TO REMOTE CONDENSER LOCATED ON ROOF
14	120	1	16.7 A	48"	WALL	SCO	FOR MOBILE HEATED CABINET
15	120	1	20.0A	48"	WALL	DCO	CO2
17	120	1	20.0 A (VERIFY)	48"	WALL	SCO	FOR TORTILLA PRESS
19	120	1	14.0 A	DFA	CEILING	J-BOX	BTC ON EXHAUST HOOD CONTROL PANEL FOR LIGHT CIRCUIT SEE MANUFACTURER'S DRAWINGS FOR ADDITIONAL INFORMATION
19.1	208	3	4.0 A	DFA	CEILING	J-BOX	BTC ON CONTROL PANEL FOR EXHAUST FANS SEE MANUFACTURER'S DRAWINGS FOR ADDITIONAL INFORMATION
20	120	1	4.7 A	18"	WALL	DCO	FOR REFRIGERATED PREP TABLE
21	208	1	18.1 A	36"	WALL	J-BOX	BTC ON MIXER
24	120	1	3.9 A	18"	WALL	DCO	FOR REFRIGERATED PREP TABLE
26	120	1	4.7 A	18"	WALL	DCO	FOR REFRIGERATED PREP TABLE
29	120	1	14.0 A	DFA	CEILING	J-BOX	BTC ON EXHAUST HOOD CONTROL PANEL FOR LIGHT CIRCUIT SEE MANUFACTURER'S DRAWINGS FOR ADDITIONAL INFORMATION
29.1	208	3	4.0 A	DFA	CEILING	J-BOX	BTC ON CONTROL PANEL FOR EXHAUST FANS SEE MANUFACTURER'S DRAWINGS FOR ADDITIONAL INFORMATION
30	120	1	20.0 A	DFA	CEILING	J-BOX	BTC ON EXHAUST MAIN COOKLINE FIRE SUPPRESSION SYSTEM (ON CIRCUIT) SEE MANUFACTURER'S DRAWINGS FOR ADDITIONAL INFORMATION
31	120	1	1.0 A	18"	WALL	DCO	FOR FRYER
32	120	1	1.0 A	18"	WALL	DCO	FOR GRIDDLE
35	120	1	9.9 A	18"	WALL	DCO	FOR REFRIGERATED EQUIPMENT STAND
37	120	1	10.3 A	18"	WALL	DCO	FOR REFRIGERATED EQUIPMENT STAND
39	120	1	6.0 A EACH	24"/48"	WALL	TWO(2) DCO	FOR CONVECTION OVEN (4 REQ'D)
42	120/208	3	125.0 A	6"	FLOOR	J-BOX	FOR CHEF COUNTER LOAD CENTER
51	208	1	11.8A / 1 1/2 HP	18"	WALL	J-BOX	BTC ON DISPOSER THROUGH CONTROL PANEL
52	120	1	23.0 A (VERIFY)	66"	WALL	J-BOX	BTC ON DISHMACHINE - VERIFY REQUIREMENTS - N.I.K.E.C.
52.1	—	—	—	66"	WALL	CONDUIT	CONDUIT FOR INREKWIRING BETWEEN DISHMACHINE AND CONDENSATE HOOD FAN - VERIFY LOCATION OF FAN ON ROOF
52.3	120	1	4.1 A	—	ROOF	J-BOX	BTC ON CONDENSATE EXHAUST FAN - VERIFY REQUIREMENTS AND LOCATION
60	208	1	20.0 A	50"	WALL	SCO	FOR COFFEE BREWER - VERIFY REQUIREMENTS W/ OWNER - N.I.K.E.C.
61	120	1	20.0 A	18"	WALL	SCO	FOR TEA BREWER - VERIFY REQUIREMENTS W/ OWNER - N.I.K.E.C.
64	120	1	5.0 A	18"	WALL	SCO	FOR SODA DISPENSER - VERIFY REQUIREMENTS W/ OWNER - N.I.K.E.C.
65	120	1	1.0 A	50"	WALL	DCO	FOR MILK DISPENSER
66	120	1	4.0 A	50"	WALL	DCO	FOR COFFEE GRINDER
67	120	1	15.0 A	50"	WALL	SCO	FOR ESPRESSO MACHINE
69	120	1	2.2 A	18"	WALL	DCO	FOR UNDERCOUNTER REFRIGERATOR
70	120	1	20.0 A	18"	WALL	DCO	FOR P.O.S. SYSTEM - N.I.K.E.C. - VERIFY REQUIREMENTS WITH OWNNER
70.1	—	—	—	18"	WALL	J-BOX	EMPTY W/ PULL STRING, HOME RUN TO MNGR OFFICE. VERIFY WITH OWNER
72	120	1	20.0 A	50"	WALL	SCO	FOR MARGARITA MACHINE - VERIFY REQUIREMENTS W/ OWNER - N.I.K.E.C.
76	120	1	8.2 A	18"	WALL	DCO	FOR GLASS CHILLER
78	208	3	38.0 A	18"	WALL	J-BOX	BTC ON DISHMACHINE - VERIFY REQUIREMENTS - N.I.K.E.C.
81	120	1	20.0 A	8"	WALL	J-BOX	BTC ON DCO ON BLENDER STATION
85	120	1	6.5 A	18"	WALL	DCO	FOR BACKBAR REFRIGERATOR
86	120	1	6.5 A	18"	WALL	DCO	FOR BACKBAR REFRIGERATOR



N

1 ELECTRICAL KITCHEN PLAN

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

ELECTRICAL NOTES

A	ALL ELECTRICAL OUTLETS SHOWN ON THIS PLAN ARE FOR FIXTURES SPECIFIED AS FURNISHED BY THE KITCHEN EQUIPMENT SUPPLIER. FOR FURTHER BUILDING ELECTRICAL REQUIREMENTS (TELEPHONES, CLOCKS, SIGNS, ETC.) SEE OTHER PLANS
B	ALL DIMENSIONS GIVEN ARE IN INCHES TO 4"-0" AND ARE FROM CENTERLINES AND/OR FINISHED WALLS. ELEVATIONS GIVEN ARE FROM FINISHED FLOOR TO CENTERLINE OF OUTLET. ALL ROUGH-INS SHOWN ARE TO BE RUN INSIDE WALLS (EXCEPT STUB-UPS). LOCATION INDICATES POINT OF EXIT FROM WALLS, CEILINGS OR FLOORS. ALL CONVENIENCE OUTLETS ARE TO SET HORIZONTALLY. ALL 120 VOLT OUTLETS NOT DESIGNATED WITH SPECIFIC LOADS TO BE RATED AT 20.0 AMPS.
C	ELECTRICIAN TO CONNECT ALL ELECTRICAL EQUIPMENT AND FIXTURES AND DO ANY INTERNAL WIRING REQUIRED IN THE FIXTURES AS REQUIRED BY THE SPECIFICATIONS. ALL ELECTRICAL OUTLET COVER PLATES ARE TO BE STAINLESS STEEL AND ARE TO BE FURNISHED BY THE ELECTRICIAN, AS WELL AS THE RECEPTACLE, UNLESS OTHERWISE SPECIFIED IN THE ITEM SPECIFICATIONS. ALL DISCONNECT SWITCHES ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICIAN AT TIME OF INSTALLATION.
D	ALL WORK TO BE PERFORMED IN FULL ACCORDANCE WITH ALL APPLICABLE CODES RELATING TO HOOK-UP, INSTALLATION AND WIRING OF EQUIPMENT. OMISSIONS OR ERRORS ON THE SCHEDULE DO NOT RELIEVE THE ELECTRICIAN FROM COMPLETE FINAL CONNECTION RESPONSIBILITY.
E	IF ELECTRICAL OUTLETS AND/OR RECEPTACLES ARE CHANGED FROM "STUB-UP" TO "WALL-MOUNTED", THE "WALL-MOUNTED" OUTLETS AND/OR RECEPTACLES ARE TO BE SET AT 12" A.F.F.

ELECTRICAL SYMBOLS/ABBREVIATIONS

	JUNCTION BOX (J-BOX)	A	AMPERES
	CONDUIT	V	VOLTS
	STUB-UP	W	WATTS
	DUPLEX CONVENIENCE OUTLET (DCO)	PH	PHASE
	SINGLE CONVENIENCE OUTLET (SCO)	AFF	ABOVE FINISHED FLOOR
		DFA	DOWN FROM ABOVE
	SINGLE POWER OUTLET (208)	BTC	BRANICH TO CONNECTION POINT AND CONNECT EQUIPMENT
	LIGHT INDICATION		
	BREAKER PANELBOARD	SU	STUB UP ABOVE FINISHED FLOOR
$	SWITCH AS NOTED	HP	HORSE POWER
	MOTOR	KW	KILLOWATTS
	HEATING ELEMENT	DC	DIRECT CONNECTION
EL	ELEVATION ABOVE FINISHED FLOOR	KES	KITCHEN EQUIPMENT SUPPLIER

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PROJECT ADDRESS

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THE WOODLANDS, TEXAS

PROJECT NUMBER

—

SHEET NAME

ELECTRICAL KITCHEN PLAN

SHEET NUMBER

E2.01