FILE NAME: J:\-- RESTAURANT\Dickie Brennan Napoleon\Current Drawings\E103 -- Panel Sched Riser.dwg PLOT DATE & TIME: Wednesday, July 23, 2025 1:52:45 PM

PANEL SCHEDULE

PANEL: MDP
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: UTILITY
AIC = 25,000
VOLTAGE: 208/120V, 800A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SIEMENS TYPE P5 PANELBOARD, W/ SURGE PROTECTION DEVICE

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1					5400	3500					2
3	#6	AHU-1, NAPOLEON DINING ROOM	60	3	5400	3500	3	30	AHU-2, DRYADES DINING ROOM	#10	4
5					5400	3500					6
7					5400	5100					8
9	#6	AHU-3, LOUNGE	60	3	5400	5100	3	50	AHU-4, PRIVATE DINING ROOM	#8	10
11					5400	5100					12
13					5400	5400					14
15	#6	AHU-5, KITCHEN	60	3	5400	5400	3	60	AHU-6, KITCHEN	#6	16
17					5400	5400					18
19		SPACE		1							20
21		SPACE (HIGH LEG)		1			3		PREPARED SPACE		22
23		PANEL "L1"	200	2	9680						24
25					8040						26
27		SPACE (HIGH LEG)		1			3		PREPARED SPACE		28
29		SPACE		1							30
31											32
33		PREPARED SPACE		3			3		PREPARED SPACE		34
35											36
37					33130						38
39		PANEL "KP"	400	3	27000		3		PREPARED SPACE		40
41					33250						42

SOLID NEUTRAL / NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 200,700
AΦ = 72,370 | BΦ = 57,200 | CΦ = 72,130
GROUND BUS / GROUND WIRE (G)

PANEL SCHEDULE

PANEL: KP-1
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: PANEL MDP #35/37/39
AIC = 22,000
VOLTAGE: 208/120V, 400A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SIEMENS TYPE P2 PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (kva)	LOAD (kva)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1					3000	3000					2
3	#10	SMALL VENT HOOD EXHAUST	30	3	3000	3000	3	30	LARGE VENT HOOD EXHAUST	#10	4
5					3000	3000					6
7					3000	3000					8
9	#10	SMALL VENT HOOD MAKE UP AIR	30	3	3000	3000	3	30	LARGE VENT HOOD MAKE UP AIR		10
11					3000	3000					12
13					6000	720	1	15	GAS RANGE, 36"W GRIDDLE TOP LARGE HOOD	#12	14
15	#6	DISH WASHER	60	3	6000				SHUNT TRIP		
17					6000	1800	1	15	GAS RANGE, CONVECTION OVEN LARGE HOOD	#12	16
19		SPACE		1					SHUNT TRIP		
21		SPACE (HIGH LEG)		1			1		SPACE (HIGH LEG)		18
		SHUNT TRIP					1		SPACE		20
23	#12	VULCAN GAS FRYER, SMALL HOOD	15	1	720	200	1	20	GAS FLOOR FRYER, LARGE HOOD	#12	22
		SHUNT TRIP							SHUNT TRIP		
25	#12	VULCAN GAS CONVECTION OVEN, SMALL HOOD	15	1	170	200	1	20	GAS FLOOR FRYER, LARGE HOOD	#12	24
27		SPACE		1					SHUNT TRIP		
29		SPACE (HIGH LEG)		1			1		SPACE (HIGH LEG)		26
		SHUNT TRIP					1		SPACE		28
31	#12	CLEAVELAND POWERPAN, TILTED SKILLET, SMALL HOOD	15	1	700		1		SPACE		30
		SHUNT TRIP					1		SPACE (HIGH LEG)		32
33	#12	UNDER COUNTER REFRIGERATOR, LARGE HOOD	15	1	300		1		SPACE		34

SOLID NEUTRAL / NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD = 58,810
AΦ = 20,340 | BΦ = 18,000 | BΦ = 20,470
GROUND BUS / GROUND WIRE (G)

PANEL SCHEDULE

PANEL: KP-2
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: PANEL MDP #35/37/39
AIC = 22,000
VOLTAGE: 208/120V, 400A, 3Φ, 4W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SIEMENS TYPE P2 PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
37	#12	COOLER, OYSTER BAR	15	1	420	420	1	15	COOLER, OYSTER BAR	#12	38
39		SPACE (HIGH LEG)		1			1		SPACE (HIGH LEG)		40
41	#12	GLASS WASHER COCKTAIL BAR	15	1	420	860	1	15	GLASS FROSTER COCKTAIL BAR	#12	42
43	#12	COOLER, 52" WIDE, BAR	15	1	420	330	1	15	COOLER, 48" WIDE, BAR	#12	44
45		SPACE (HIGH LEG)		1			1		SPACE (HIGH LEG)		46
47	#12	SANDWICH/SALAD PREP REFRIG. KITCHEN	15	1	700	800	1	15	SANDWICH/SALAD PREP REFRIG. KITCHEN	#12	48
49	#12	SANDWICH/SALAD PREP REFRIG. KITCHEN	15	1	700	500	1	15	WAITER STATION	#12	50
51		SPACE (HIGH LEG)		1			1		SPACE (HIGH LEG)		52
53	#12	LEFT FREEZER NEAR WALK IN COOLER	20	1	1000		1	20	SPARE		54
55	#12	RIGHT FREEZER NEAR WALK IN COOLER	20	1	1000		1	20	SPARE		56
57		SPACE (HIGH LEG)		1			1		SPACE (HIGH LEG)		58
59	#12	SANDWICH/SALAD PREP REFRIG. KITCHEN	20	1	1000		1		SPACE		60
61		SPACE		1			1		SPACE		62
63		SPACE (HIGH LEG)		1			1		SPACE (HIGH LEG)		64
65	#12	SPACE	20	1			1		SPACE		66
67	#12	SPACE	20	1			1		SPACE		68
69		SPACE (HIGH LEG)		1			1		SPACE (HIGH LEG)		70
71		SPACE		1			1		SPACE		72
73					3000	3000					74
75	#10	WALK IN COOLER	30	3	3000	3000	3	30	WALK IN FREEZER	#10	76
77					3000	3000					78

SOLID NEUTRAL / NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD = 32,570
AΦ = 12,790 | BΦ = 9,000 | BΦ = 12,780
GROUND BUS / GROUND WIRE (G)

PANEL SCHEDULE

PANEL: L1
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: PANEL MDP # 25/27
AIC = 22,000
VOLTAGE: 208/120V, 250A, 1Φ, 3W W/MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SIEMENS TYPE P1 PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPT, LARGE PRIVATE DINING ROOM 1 AND COCKTAIL LOUNGE	20	1	1080	1300	1	20	LIGHTS, PRIVATE DINING ROOM 1	#12	2
3	#12	RECEPT, LARGE PRIVATE DINING ROOM 1 CORRIDOR AND BAR	20	1	1260	1400	1	20	LIGHTS, COCKTAIL LOUNGE AND OYSTER BAR	#12	4
5	#12	RECEPT, DRYADES DINING ROOM	20	1	1260	1300	1	20	LIGHTS, DRYADES DINING ROOM, AND BAR	#12	6
7	#12	RECEPT, OFFICES AND KITCHEN	20	1	1080	1000	1	20	LIGHTS, PRIVATE DINING ROOM, CORRIDOR AND RESTROOMS	#12	8
9	#12	RECEPT, SMALL PRIVATE DINING ROOM, CORRIDOR AND RESTROOMS	20	1	1260	1400	1	20	LIGHTS, KITCHEN AND OFFICE	#12	10
11	#12	RECEPT, NAPOLEON DINING ROOM	20	1	1260	1500	1	20	LIGHTS, NAPOLEON DINING ROOM	#12	12
13	#12	RECEPT, LARGE PRIVATE DINING ROOM, WATER STATION, KITCHEN	20	1	1080	1000	1	20	EXTERIOR LIGHTING	#12	14
15	#12	ROOF TOP WATER HEATERS	20	1	540		1	20	SPARE		16
17		SPARE	20	1			1	20	SPARE		18
19		SPARE	20	1			1	20	SPARE		20
21		SPACE	20	1			1	20	SPACE		22
23		SPACE	20	1			1	20	SPACE		24
25		SPACE	20	1			1	20	SPACE		26
27		SPACE	20	1			1	20	SPACE		28
29		SPACE	20	1			1	20	SPACE		30
31		SPACE	20	1			1	20	SPACE		32
33		SPACE	20	1			1	20	SPACE		34
35		SPACE	20	1			1	20	SPACE		36
37		SPACE	20	1			1	20	SPACE		38
39		SPACE	20	1			1	20	SPACE		40
41		SPACE	20	1			1	20	SPACE		42

SOLID NEUTRAL / NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 17,720
AΦ = 9,680 | BΦ = 8,040
GROUND BUS / GROUND WIRE (G)

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JOB No: 2024 | DATE: 07/23/2025
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SHEET TITLE: ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER: E103