

PANEL SCHEDULE												
PANEL: #12			MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL			VOLTAGE: 208/120V, 200A, 3Ø, 4W/MLD			ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER			
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	POLE	AMP	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
		LOCATION	AMP POLE						LOCATION			
1	#12	RECEPTACLES AT THE REGISTRATION DESK	20 1	360			1000	1 20	RECEPTACLES, VESTIBULE AND WORK ROOM	#12	2	
3	#12	RECEPTACLES AT THE REGISTRATION DESK	20 1	360			1500	1 20	DEDICATED RECEPTACLE, COMMUNITY ROOM	#12	4	
5	#12	RECEPTACLES RECEPTION ROOM, STORE AND CORRIDOR	20 1	720			1080	1 20	RECEPTACLES, RIGHT SIDE OF COMMUNITY ROOM & PORCH	#12	6	
7	#12	RECEPTACLES MANAGERS OFFICE AND STORE	20 1	1080			400	1 20	RECEPTACLES, LEFT SIDE OF COMMUNITY ROOM & PORCH	#12	8	
9	#12	RECEPTACLES LINEN, LAUNDRY AND BREAK ROOM	20 1	720			360	1 20	RECEPTACLES, AT SNK IN PANTRY ROOM	#12	10	
11	#12	RECEPTACLES LAUNDRY, MECHANICAL ROOM AND CORRIDOR	20 1	720			360	1 20	RECEPTACLE, DRY COUNTER IN PANTRY ROOM	#12	12	
13	#12	DEDICATED RECEPTACLE, WORK ROOM	20 1	720			1500	1 20	DEDICATED RECEPTACLE, PANTRY ROOM	#12	14	
15	#12	EXHAUST FAN IN SHOWER	20 1	500			1500	1 20	DEDICATED RECEPTACLE, PANTRY ROOM	#12	16	
17	#12	GAS WATER HEATER IGNITER FOR WATER HEATER #1	20 1	500			1500	1 20	DRINKING FOUNTAIN IN CORRIDOR	#12	18	
19	#12	GAS WATER HEATER IGNITER FOR WATER HEATER #2	20 1	500			1800	1 20	ELEVATOR CONTROLS POWER	#12	20	
21	#12	RECEPTACLES, THIS ROOM, WATER HEATER ROOM AND A/C EQUIP.	20 1	500			1500	1 20	DEDICATED GFI RECEPTACLE IN ELEVATOR EQUIPMENT ROOM	#12	22	
23	#12	LIGHTING, THIS ROOM, WATER HEATER ROOM, THIS END OF HALLWAY	20 1	984			1500	1 20	RECEPTACLE IN ELEVATOR PIT	#12	24	
25	#12	LIGHTING, LINEN, LAUNDRY ROOM AND BREAK ROOM	20 1	847			2500				26	
27	#12	LIGHTING, ELEVATOR EQUIPMENT ROOM, FIT, AND ELEVATOR LOBBY	20 1	847			2500	2 30	GUEST DRYER	#10	28	
29	#12	LIGHTING, GUEST LAUNDRY, MECHANICAL ROOM, MANAGERS SUITE, STORE	20 1	847			2500				30	
31	#12	LIGHTING, REAR PORCH	20 1	736			2500	2 30	GUEST DRYER	#10	32	
33	#12	LIGHTING, COMMUNITY ROOM, PANTRY, PORCH CHAIRS	20 1	412			1500	1 20	GUEST WASHER	#12	34	
35	#12	LIGHTING, COVERED PORCH AND ENTRY	20 1	1014			1500	1 20	GUEST WASHER	#12	36	
37	#12	LIGHTING, LOBBY, WORKROOM, VESTIBULE AND RECEPTION AREA	20 1	781			1500	1 20	GUEST WASHER	#12	38	
39	#12	SIGN LIGHTING	20 1	1000				1 20	SPARE		40	
41		SPARE	20 1					1 20	SPARE		42	
SOLID NEUTRAL NEUTRAL WIRE (N)				TOTAL CONNECTED LOAD (VA) = 44,468				GROUND BUS GROUND WIRE (G)				
				AG = 16,744	BG = 13,691		CG = 14,025					

PANEL SCHEDULE												
PANEL: #14			MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL			VOLTAGE: 208/120V, 200A, 3Ø, 4W/MLD			ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER			
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	POLE	AMP	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
		LOCATION	AMP POLE						LOCATION			
1	#10	COOK TOP TWO BURNER, SUITE 110	30 1	2400			0	1 20	SPARE	#12	2	
3	#10	COOK TOP TWO BURNER, SUITE 112	30 1	2400			0	1 20	SPARE	#12	4	
5	#10	COOK TOP TWO BURNER, SUITE 116	30 1	2400			1800	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 111	#12	6	
7	#10	COOK TOP TWO BURNER, SUITE 111	30 1	2400			1000	1 20	MICROWAVE OVEN, SUITE 111	#12	8	
9	#10	COOK TOP TWO BURNER, SUITE 115	30 1	2400			1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 111	#12	10	
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 110	20 1	1800			1080	1 20	RECEPTACLES AND LIGHTING, SUITE 111	#12	12	
13	#12	MICROWAVE OVEN, SUITE 110	20 1	1000			720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 111	#12	14	
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 110	20 1	1000			1800	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 115	#12	16	
17	#12	RECEPTACLES AND LIGHTING, SUITE 110	20 1	1080			1000	1 20	MICROWAVE OVEN, SUITE 115	#12	18	
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 110	20 1	720			1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 115	#12	20	
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 112	20 1	1800			1080	1 20	RECEPTACLES AND LIGHTING, SUITE 115	#12	22	
23	#12	MICROWAVE OVEN, SUITE 112	20 1	1000			720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 115	#12	24	
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 112	20 1	1000			1800	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 115	#12	26	
27	#12	RECEPTACLES AND LIGHTING, SUITE 112	20 1	1080			1000	1 20	MICROWAVE OVEN, SUITE 116	#12	28	
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 112	20 1	720			1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 116	#12	30	
31	#12	SUITE 110 PTAC 208V RECEPTACLE	20 2	1750			1080	1 20	RECEPTACLES AND LIGHTING, SUITE 116	#12	32	
33	#12	SUITE 112 PTAC 208V RECEPTACLE	20 2	1750			720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 116	#12	34	
35	#12	SUITE 112 PTAC 208V RECEPTACLE	20 2	1750			1750	2 20	SUITE 111 PTAC 208V RECEPTACLE	#12	36	
37	#12	SUITE 116 PTAC 208V RECEPTACLE	20 2	1750			1750	2 20	SUITE 115 PTAC 208V RECEPTACLE	#12	38	
39	#12	SUITE 116 PTAC 208V RECEPTACLE	20 2	1750			1750	2 20	SUITE 115 PTAC 208V RECEPTACLE	#12	40	
41		SPARE	20 1	1750			1750	2 20	SPARE		42	
SOLID NEUTRAL NEUTRAL WIRE (N)				TOTAL CONNECTED LOAD (VA) = 86,000				GROUND BUS GROUND WIRE (G)				
				AG = 18,070	BG = 18,450		CG = 14,000					

PANEL SCHEDULE												
PANEL: #16			MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL			VOLTAGE: 208/120V, 200A, 3Ø, 4W/MLD			ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER			
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	POLE	AMP	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
		LOCATION	AMP POLE						LOCATION			
1	#12	SUITE 130 PTAC 208V RECEPTACLE	20 2	1750			1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 133	#12	2	
3	#12	SUITE 130 PTAC 208V RECEPTACLE	20 2	1750			1000	1 20	MICROWAVE OVEN, SUITE 133	#12	4	
5	#12	SUITE 134 PTAC 208V RECEPTACLE	20 2	1750			1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 133	#12	6	
7	#12	SUITE 134 PTAC 208V RECEPTACLE	20 2	1750			1080	1 20	RECEPTACLES AND LIGHTING, SUITE 133	#12	8	
9	#10	COOK TOP TWO BURNER, SUITE 134	30 1	2400			720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 133	#12	10	
11	#10	COOK TOP TWO BURNER, SUITE 135	30 1	2400			1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 133	#12	12	
13	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750			1000	1 20	MICROWAVE OVEN, SUITE 133	#12	14	
15	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750			1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 133	#12	16	
17	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750			1080	1 20	RECEPTACLES AND LIGHTING, SUITE 133	#12	18	
19	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750			720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 133	#12	20	
21	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							22	
23	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							24	
25	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							26	
27	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							28	
29	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							30	
31	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							32	
33	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							34	
35	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							36	
37	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							38	
39	#12	SUITE 135 PTAC 208V RECEPTACLE	20 2	1750							40	
41		SPARE	20 1	1750							42	
SOLID NEUTRAL NEUTRAL WIRE (N)				TOTAL CONNECTED LOAD (VA) = 22,400				GROUND BUS GROUND WIRE (G)				
				AG = 7,800	BG = 6,870		CG = 7,730					

PANEL SCHEDULE												
PANEL: #18			MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL			VOLTAGE: 208/120V, 200A, 3Ø, 4W/MLD			ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER			
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	POLE	AMP	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
		LOCATION	AMP POLE						LOCATION			
1	#12	WOMEN'S ROOM AND MEN'S ROOM	20 1	1000			200	1 20	RECEPTACLE, GAMING ROOM	#12	2	
3	#12	PORCH CHAIRS, A/C EQUIP.	20 1	1000			200	1 20	RECEPTACLE, GAMING ROOM	#12	4	
5	#12	RECEPTACLES, CONFERENCE ROOM 140	20 1	540			200	1 20	RECEPTACLE, GAMING ROOM	#12	6	
7	#12	RECEPTACLES, CONFERENCE ROOM 141	20 1	540			1080	1 20	RECEPTACLES, LOUNGE, LOBBY, OUTSIDE	#12	8	
9	#12	RECEPTACLES, MID ROOM AND HALLWAY	20 1	540			1500	1 20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	10	
11	#12	RECEPTACLES, EXERCISE ROOM AND OUTSIDE	20 1	900			1500	1 20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	12	
13	#12	DEDICATED RECEPTACLE, EXERCISE ROOM	20 1	1800			1500	1 20	RECEPTACLES, AT BAR IN LOUNGE	#12	14	
15	#12	DEDICATED RECEPTACLE, EXERCISE ROOM	20 1	1800			1500	1 20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	16	
17	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20 1	1800			1500	1 20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	18	
19	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20 1	1800			1500	1 20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	20	
21	#12	LIGHTING, MEN'S ROOM, WOMEN'S ROOM, CENTER OF HALLWAY	20 1	640			1500	1 20	DEDICATED RECEPTACLE, AT BAR IN LOUNGE	#12	22	
23	#12	LIGHTING, LOUNGE AND GAMING	20 1	640			541	1 20	LIGHTING, EXERCISE ROOM	#12	24	
25	#12	LIGHTING, CONFERENCE ROOM	20 1	940				1 20	SPARE		26	
27	#12	LIGHTING, OPPOSITE END OF HALL AND STORAGE ROOM	20 1	546				1 20	SPARE		28	
29	#12	LIGHTING, MID ROOM	20 1	541				1 20	SPARE		30	
31		SPARE	20 1					1 20	SPARE		32	
33		SPARE	20 1					1 20	SPARE		34	
35		SPARE	20 1					1 20	SPARE		36	
37		SPARE	20 1					1 20	SPARE		38	
39		SPARE	20 1					1 20	SPARE		40	
41		SPARE	20 1					1 20	SPARE		42	
SOLID NEUTRAL NEUTRAL WIRE (N)				TOTAL CONNECTED LOAD (VA) = 21,048				GROUND BUS GROUND WIRE (G)				
				AG = 9,810	BG = 9,276		CG = 7,962					

PANEL SCHEDULE											
PANEL: #18			MECHANICAL, ELECTRICAL, & PLUMBING ROOM 114 FIRST LEVEL			VOLTAGE: 208/120V, 200A, 3Ø, 4W/MLD			ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER		
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	POLE	AMP	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP POLE						LOCATION		
1	#10	COOK TOP TWO BURNER, SUITE 111	30 1	2400			0	1 20	SPARE	#12	2
3	#10	COOK TOP TWO BURNER, SUITE 132	30 1	2400			0	1 20	SPARE	#12	4
5	#10	COOK TOP TWO BURNER, SUITE 135	30 1	2400			1800	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 133	#12	6
7	#10	COOK TOP TWO BURNER, SUITE 134	30 1	2400			1000	1 20	MICROWAVE OVEN, SUITE 133	#12	8
9	#10	COOK TOP TWO BURNER, SUITE 135	30 1	2400			1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 133	#12	10
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 111	20 1	1800			1080	1 20	RECEPTACLES AND LIGHTING, SUITE 133	#12	12
13	#12	MICROWAVE OVEN, SUITE 111	20 1	1000			720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 133	#12	14
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 111	20 1	1000			1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 134	#12	16
17	#12	RECEPTACLES AND LIGHTING, SUITE 111	20 1	1080			1000	1 20	MICROWAVE OVEN, SUITE 134	#12	18
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 111	20 1	720			1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 134	#12	20
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 132	20 1								