

PANEL SCHEDULE													
PANEL: F21		MECHANICAL, ELECTRICAL, & PLUMBING ROOM 204 SECOND LEVEL				VOLTAGE: 208/120V, 200A, 80, 4N W/MLO				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR 80 D TYPE GO LOAD CENTER			
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER AMP POLE	LOAD (VA)	AS BS CS	LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	LOCATION	THHN WIRE SIZE	CKT NO	
1	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING		20 1	1500		1500	1 20	RECEPTACLES, MANT. ROOM AT OPPOSITE END OF BUILDING AND HALLWAY		#12	2	
3	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING		20 1	1500		1500	1 20	RECEPTACLES, LAUNDRY ROOM HOSEKEEPING AND HALLWAY		#12	4	
5		SPARE		20 1			150	1 20	RECEPTACLE, THIS ROOM		#12	6	
7		SPARE		20 1			743	1 20	LIGHTING, THIS END OF HALL		#12	8	
9		SPARE		20 1			315	1 20	LIGHTING, STAIRS AND EQUIPMENT ROOM, THIS END OF BUILDING		#12	10	
11		SPARE		20 1			434	1 20	LIGHTING, HOSEKEEPING, LAUNDRY AND ELEVATOR LOBBY		#12	12	
13		SPARE		20 1			512	1 20	LIGHTS, CENTER OF HALL		#12	14	
15		SPARE		20 1			644	1 20	LIGHTING, OPPOSITE END OF HALLWAY		#12	16	
17		SPARE		20 1			628	1 20	LIGHTING, STAIRS AND MAINTENANCE ROOM OPPOSITE END OF BUILDING		#12	18	
19									SPARE		#12	20	
21	#4/0	PANEL P22		175 3	20680				SPARE		#12	22	
23					19000				SPARE		#12	24	
25					18070				SPARE		#12	26	
27	#4/0	PANEL P23		175 3	18430				SPARE		#12	28	
29					19000				SPARE		#12	30	
31					18070				SPARE		#12	32	
33	#4/0	PANEL P24		175 3	18430			3933	2 1/2 TON HVAC UNIT, 2ND LEVEL 10 KW HEAT		#6	34	
35					19000			3933			#6	36	
37					18070			18070			#6	38	
39	#4/0	PANEL P25		175 3	18430			18430	PANEL P26	#4/0	40	40	
41					19000			19000			#4/0	42	
SOLID NEUTRAL NEUTRAL WIRE (N)					TOTAL CONNECTED LOAD (VA) = 301,918				GROUND BUS GROUND WIRE (G)				
					AD = 18,908 BD = 102,912 CD = 98,578								

PANEL SCHEDULE													
PANEL: F22		MECHANICAL, ELECTRICAL, & PLUMBING ROOM 204 SECOND LEVEL				VOLTAGE: 208/120V, 200A, 80, 4N W/MLO				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR 80 D TYPE GO LOAD CENTER			
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER AMP POLE	LOAD (VA)	AS BS CS	LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	LOCATION	THHN WIRE SIZE	CKT NO	
1	#10	COOK TOP TWO BURNER, SUITE 201		30 1	2400		0	1 20	SPARE		#12	2	
3	#10	COOK TOP TWO BURNER, SUITE 202		30 1	2400		0	1 20	SPARE		#12	4	
5	#10	COOK TOP TWO BURNER, SUITE 203		30 1	2400		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 203		#12	6	
7	#10	COOK TOP TWO BURNER, SUITE 204		30 1	2400		1000	1 20	MICROWAVE OVEN, SUITE 204		#12	8	
9	#10	COOK TOP TWO BURNER, SUITE 205		30 1	2400		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 205		#12	10	
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		20 1	1500		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 201		#12	12	
13	#12	MICROWAVE OVEN, SUITE 201		20 1	1000		720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 201		#12	14	
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201		20 1	1000		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		#12	16	
17	#12	RECEPTACLES AND LIGHTING, SUITE 201		20 1	1080		1000	1 20	MICROWAVE OVEN, SUITE 201		#12	18	
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 201		20 1	720		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201		#12	20	
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		20 1	1500		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 201		#12	22	
23	#12	MICROWAVE OVEN, SUITE 201		20 1	1000		720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 201		#12	24	
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201		20 1	1000		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		#12	26	
27	#12	RECEPTACLES AND LIGHTING, SUITE 201		20 1	1080		1000	1 20	MICROWAVE OVEN, SUITE 201		#12	28	
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 201		20 1	720		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201		#12	30	
31	#12	SUITE 206 PTAC 208V RECEPTACLE		20 2	1750		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 206		#12	32	
33	#12	SUITE 207 PTAC 208V RECEPTACLE		20 2	1750		720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 207		#12	34	
35	#12	SUITE 211 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 211 PTAC 208V RECEPTACLE		#12	36	
37	#12	SUITE 212 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 212 PTAC 208V RECEPTACLE		#12	38	
39	#12	SUITE 213 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 213 PTAC 208V RECEPTACLE		#12	40	
41	#12	SUITE 214 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 214 PTAC 208V RECEPTACLE		#12	42	
SOLID NEUTRAL NEUTRAL WIRE (N)					TOTAL CONNECTED LOAD (VA) = 56,000				GROUND BUS GROUND WIRE (G)				
					AD = 18,070 BD = 18,930 CD = 19,000								

PANEL SCHEDULE													
PANEL: F23		MECHANICAL, ELECTRICAL, & PLUMBING ROOM 204 SECOND LEVEL				VOLTAGE: 208/120V, 200A, 80, 4N W/MLO				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR 80 D TYPE GO LOAD CENTER			
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER AMP POLE	LOAD (VA)	AS BS CS	LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	LOCATION	THHN WIRE SIZE	CKT NO	
1	#10	COOK TOP TWO BURNER, SUITE 201		30 1	2400		0	1 20	SPARE		#12	2	
3	#10	COOK TOP TWO BURNER, SUITE 202		30 1	2400		0	1 20	SPARE		#12	4	
5	#10	COOK TOP TWO BURNER, SUITE 203		30 1	2400		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 203		#12	6	
7	#10	COOK TOP TWO BURNER, SUITE 204		30 1	2400		1000	1 20	MICROWAVE OVEN, SUITE 204		#12	8	
9	#10	COOK TOP TWO BURNER, SUITE 205		30 1	2400		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 205		#12	10	
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		20 1	1500		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 201		#12	12	
13	#12	MICROWAVE OVEN, SUITE 201		20 1	1000		720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 201		#12	14	
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201		20 1	1000		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		#12	16	
17	#12	RECEPTACLES AND LIGHTING, SUITE 201		20 1	1080		1000	1 20	MICROWAVE OVEN, SUITE 201		#12	18	
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 201		20 1	720		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201		#12	20	
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		20 1	1500		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 201		#12	22	
23	#12	MICROWAVE OVEN, SUITE 201		20 1	1000		720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 201		#12	24	
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201		20 1	1000		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		#12	26	
27	#12	RECEPTACLES AND LIGHTING, SUITE 201		20 1	1080		1000	1 20	MICROWAVE OVEN, SUITE 201		#12	28	
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 201		20 1	720		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201		#12	30	
31	#12	SUITE 220 PTAC 208V RECEPTACLE		20 2	1750		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 220		#12	32	
33	#12	SUITE 221 PTAC 208V RECEPTACLE		20 2	1750		720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 221		#12	34	
35	#12	SUITE 222 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 222 PTAC 208V RECEPTACLE		#12	36	
37	#12	SUITE 223 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 223 PTAC 208V RECEPTACLE		#12	38	
39	#12	SUITE 224 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 224 PTAC 208V RECEPTACLE		#12	40	
41	#12	SUITE 225 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 225 PTAC 208V RECEPTACLE		#12	42	
SOLID NEUTRAL NEUTRAL WIRE (N)					TOTAL CONNECTED LOAD (VA) = 56,000				GROUND BUS GROUND WIRE (G)				
					AD = 18,070 BD = 18,930 CD = 19,000								

PANEL SCHEDULE													
PANEL: F24		MECHANICAL, ELECTRICAL, & PLUMBING ROOM 204 SECOND LEVEL				VOLTAGE: 208/120V, 200A, 80, 4N W/MLO				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR 80 D TYPE GO LOAD CENTER			
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER AMP POLE	LOAD (VA)	AS BS CS	LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	LOCATION	THHN WIRE SIZE	CKT NO	
1	#10	COOK TOP TWO BURNER, SUITE 201		30 1	2400		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		#12	2	
3	#10	COOK TOP TWO BURNER, SUITE 202		30 1	2400		1000	1 20	MICROWAVE OVEN, SUITE 202		#12	4	
5	#10	COOK TOP TWO BURNER, SUITE 203		30 1	2400		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 203		#12	6	
7	#10	COOK TOP TWO BURNER, SUITE 204		30 1	2400		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 203		#12	8	
9	#10	COOK TOP TWO BURNER, SUITE 205		30 1	2400		720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 203		#12	10	
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		20 1	1500		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		#12	12	
13	#12	MICROWAVE OVEN, SUITE 201		20 1	1000		1000	1 20	MICROWAVE OVEN, SUITE 204		#12	14	
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 201		20 1	1000		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 204		#12	16	
17	#12	RECEPTACLES AND LIGHTING, SUITE 201		20 1	1080		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 204		#12	18	
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 201		20 1	720		720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 204		#12	20	
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		20 1	1500		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 205		#12	22	
23	#12	MICROWAVE OVEN, SUITE 202		20 1	1000		1000	1 20	MICROWAVE OVEN, SUITE 205		#12	24	
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 202		20 1	1000		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 205		#12	26	
27	#12	RECEPTACLES AND LIGHTING, SUITE 202		20 1	1080		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 205		#12	28	
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 202		20 1	720		720	1 20	BATHROOM RECEPTACLES AND LIGHTING SUITE 205		#12	30	
31	#12	SUITE 203 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 203 PTAC 208V RECEPTACLE IN BEDROOM		#12	32	
33	#12	SUITE 204 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 204 PTAC 208V RECEPTACLE		#12	34	
35	#12	SUITE 205 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 205 PTAC 208V RECEPTACLE		#12	36	
37	#12	SUITE 206 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 206 PTAC 208V RECEPTACLE		#12	38	
39	#12	SUITE 207 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 207 PTAC 208V RECEPTACLE		#12	40	
41	#12	SUITE 208 PTAC 208V RECEPTACLE		20 2	1750		1750	2 20	SUITE 208 PTAC 208V RECEPTACLE		#12	42	
SOLID NEUTRAL NEUTRAL WIRE (N)					TOTAL CONNECTED LOAD (VA) = 91,500				GROUND BUS GROUND WIRE (G)				
					AD = 18,820 BD = 20,680 CD = 19,000								

PANEL SCHEDULE													
PANEL: F25		MECHANICAL, ELECTRICAL, & PLUMBING ROOM 204 SECOND LEVEL				VOLTAGE: 208/120V, 200A, 80, 4N W/MLO				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR 80 D TYPE GO LOAD CENTER			
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER AMP POLE	LOAD (VA)	AS BS CS	LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	LOCATION	THHN WIRE SIZE	CKT NO	
1	#10	COOK TOP TWO BURNER, SUITE 201		30 1	2400		0	1 20	SPARE		#12	2	
3	#10	COOK TOP TWO BURNER, SUITE 202		30 1	2400		0	1 20	SPARE		#12	4	
5	#10	COOK TOP TWO BURNER, SUITE 203		30 1	2400		1500	1 20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 203		#12	6	
7	#10	COOK TOP TWO BURNER, SUITE 204		30 1	2400		1000	1 20	MICROWAVE OVEN, SUITE 204		#12	8	
9	#10	COOK TOP TWO BURNER, SUITE 205		30 1	2400		1000	1 20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 205		#12	10	
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 201		20 1	1500		1080	1 20	RECEPTACLES AND LIGHTING, SUITE 201		#12	12	
13	#12	MICROWAVE OVEN, SUITE 201		20 1									