

PANEL SCHEDULE															
PANEL: F81				MECHANICAL, ELECTRICAL, 4 PLUMBING ROOM 204 SECOND LEVEL				VOLTAGE: 208/120V, 200A, 50, 4M K/M/L/O				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT 5ND BAR 50 D TYPE GO LOAD CENTER			
FEEDER SOURCE: MDP PANEL															
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	GROUND BUS		
													POLE	AMP	LOCATION
1	#12	DEDICATED RECEPTACLE NEAR STAIRS, OPPOSITE END OF BUILDING	20	1	1500				120	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				120	1	20	RECEPTACLES, LAUNDRY ROOM HOUSEKEEPING AND HALLWAY	#12	4	
5		SPARE	20	1	1500				180	1	20	RECEPTACLE, THIS ROOM	#12	6	
7		SPARE	20	1	1500				315	1	20	LIGHTING, THIS END OF HALL	#12	8	
9		SPARE	20	1	1500				315	1	20	LIGHTING, THIS EQUIPMENT ROOM	#12	10	
11		SPARE	20	1	1500				434	1	20	LIGHTING, HOUSEKEEPING, LAUNDRY AND ELEVATOR LOBBY	#12	12	
13		SPARE	20	1	1500				512	1	20	LIGHTS, CENTER OF HALL	#12	14	
15	#12	ATTIC LIGHT AND RECEPTACLE	20	1	1000				644	1	20	LIGHTING, OPPOSITE END OF HALLWAY	#12	16	
17		SPARE	20	1	1000				628	1	20	LIGHTING, MAINTENANCE ROOM OPPOSITE END OF BUILDING	#12	18	
19									512	1	20	LIGHTS, CENTER OF HALL	#12	14	
21	#4/0	PANEL F82	175	3	20680				1000	1	20	ATTIC LIGHT AND RECEPTACLE	#12	22	
23									1000	1	20	ATTIC LIGHT AND RECEPTACLE	#12	24	
25									1000	1	20	ATTIC LIGHT AND RECEPTACLE	#12	26	
27	#4/0	PANEL F83	200	3	18430				1000	1	20	ATTIC LIGHT AND RECEPTACLE	#12	28	
29									1000	1	20	SPARE	#12	30	
31									10070						
33	#4/0	PANEL F84	200	3	18430				3333	3	60	2 1/2 TON HVAC UNIT, 3RD LEVEL, 10 KN-HEAT	#6	34	
35									3333	3	60		#6	36	
37									18070						
39	#4/0	PANEL F85	175	3	18430				18070						
41									18000						
				TOTAL CONNECTED LOAD (VA) = 306,961											
				AD = 1100,480				BD = 105,912				CD = 100,578			
				SOLID NEUTRAL NEUTRAL WIRE (N)								GROUND BUS GROUND WIRE (G)			

PANEL SCHEDULE															
PANEL: F82				MECHANICAL, ELECTRICAL, 4 PLUMBING ROOM 204 THIRD LEVEL				VOLTAGE: 208/120V, 200A, 50, 4M K/M/L/O				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT 5ND BAR 50 D TYPE GO LOAD CENTER			
FEEDER SOURCE: MDP PANEL															
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	GROUND BUS		
													POLE	AMP	LOCATION
1	#10	COOK TOP TWO BURNER, SUITE 306	30	1	2400				0	1	20	SPARE	#12	2	
3	#10	COOK TOP TWO BURNER, SUITE 307	30	1	2400				0	1	20	SPARE	#12	4	
5	#10	COOK TOP TWO BURNER, SUITE 310	30	1	2400				1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 310	#12	6	
7	#10	COOK TOP TWO BURNER, SUITE 311	30	1	2400				1000	1	20	MICROWAVE OVEN, SUITE 310	#12	8	
9	#10	COOK TOP TWO BURNER, SUITE 312	30	1	2400				1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 310	#12	10	
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 306	20	1	1500				1080	1	20	RECEPTACLES AND LIGHTING, SUITE 310	#12	12	
13	#12	MICROWAVE OVEN, SUITE 306	20	1	1000				120	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 310	#12	14	
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 306	20	1	1000				1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 311	#12	16	
17	#12	RECEPTACLES AND LIGHTING, SUITE 306	20	1	1080				1000	1	20	MICROWAVE OVEN, SUITE 311	#12	18	
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 306	20	1	120				1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 311	#12	20	
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 307	20	1	1500				1080	1	20	RECEPTACLES AND LIGHTING, SUITE 311	#12	22	
23	#12	MICROWAVE OVEN, SUITE 307	20	1	1000				120	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 311	#12	24	
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 307	20	1	1000				1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 312	#12	26	
27	#12	RECEPTACLES AND LIGHTING, SUITE 307	20	1	1080				1000	1	20	MICROWAVE OVEN, SUITE 312	#12	28	
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 307	20	1	120				1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 312	#12	30	
31	#12	SUITE 308 PTAC 208V RECEPTACLE	20	2	1750				1080	1	20	RECEPTACLES AND LIGHTING, SUITE 312	#12	32	
33	#12	SUITE 309 PTAC 208V RECEPTACLE	20	2	1750				120	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 312	#12	34	
35	#12	SUITE 301 PTAC 208V RECEPTACLE	20	2	1750				1750	2	20	SUITE 311 PTAC 208V RECEPTACLE	#12	36	
37	#12	SUITE 302 PTAC 208V RECEPTACLE	20	2	1750				1750	2	20	SUITE 312 PTAC 208V RECEPTACLE	#12	38	
39	#12	SUITE 310 PTAC 208V RECEPTACLE	20	2	1750				1750	2	20	SUITE 312 PTAC 208V RECEPTACLE	#12	40	
41	#12	SUITE 310 PTAC 208V RECEPTACLE	20	2	1750				1750	2	20	SUITE 312 PTAC 208V RECEPTACLE	#12	42	
				TOTAL CONNECTED LOAD (VA) = 56,000											
				AD = 18,070				BD = 18,430				CD = 19,000			
				SOLID NEUTRAL NEUTRAL WIRE (N)								GROUND BUS GROUND WIRE (G)			

PANEL SCHEDULE															
PANEL: F83				MECHANICAL, ELECTRICAL, 4 PLUMBING ROOM 204 THIRD LEVEL				VOLTAGE: 208/120V, 200A, 50, 4M K/M/L/O				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT 5ND BAR 50 D TYPE GO LOAD CENTER			
FEEDER SOURCE: MDP PANEL															
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	GROUND BUS		
													POLE	AMP	LOCATION
1	#10	COOK TOP TWO BURNER, SUITE 320	30	1	2400				0	1	20	SPARE	#12	2	
3	#10	COOK TOP TWO BURNER, SUITE 321	30	1	2400				0	1	20	SPARE	#12	4	
5	#10	COOK TOP TWO BURNER, SUITE 322	30	1	2400				1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 322	#12	6	
7	#10	COOK TOP TWO BURNER, SUITE 323	30	1	2400				1000	1	20	MICROWAVE OVEN, SUITE 322	#12	8	
9	#10	COOK TOP TWO BURNER, SUITE 324	30	1	2400				1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 322	#12	10	
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 320	20	1	1500				1080	1	20	RECEPTACLES AND LIGHTING, SUITE 322	#12	12	
13	#12	MICROWAVE OVEN, SUITE 320	20	1	1000				120	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 322	#12	14	
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 320	20	1	1000				1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 323	#12	16	
17	#12	RECEPTACLES AND LIGHTING, SUITE 320	20	1	1080				1000	1	20	MICROWAVE OVEN, SUITE 323	#12	18	
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 320	20	1	120				1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 323	#12	20	
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 321	20	1	1500				1080	1	20	RECEPTACLES AND LIGHTING, SUITE 323	#12	22	
23	#12	MICROWAVE OVEN, SUITE 321	20	1	1000				120	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 323	#12	24	
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 321	20	1	1000				1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 324	#12	26	
27	#12	RECEPTACLES AND LIGHTING, SUITE 321	20	1	1080				1000	1	20	MICROWAVE OVEN, SUITE 324	#12	28	
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 321	20	1	120				1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 324	#12	30	
31	#12	SUITE 320 PTAC 208V RECEPTACLE	20	2	1750				1080	1	20	RECEPTACLES AND LIGHTING, SUITE 324	#12	32	
33	#12	SUITE 321 PTAC 208V RECEPTACLE	20	2	1750				120	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 324	#12	34	
35	#12	SUITE 321 PTAC 208V RECEPTACLE	20	2	1750				1750	2	20	SUITE 323 PTAC 208V RECEPTACLE	#12	36	
37	#12	SUITE 322 PTAC 208V RECEPTACLE	20	2	1750				1750	2	20	SUITE 324 PTAC 208V RECEPTACLE	#12	38	
39	#12	SUITE 322 PTAC 208V RECEPTACLE	20	2	1750				1750	2	20	SUITE 324 PTAC 208V RECEPTACLE	#12	40	
41	#12	SUITE 322 PTAC 208V RECEPTACLE	20	2	1750				1750	2	20	SUITE 324 PTAC 208V RECEPTACLE	#12	42	
				TOTAL CONNECTED LOAD (VA) = 56,000											
				AD = 18,070				BD = 18,430				CD = 19,000			
				SOLID NEUTRAL NEUTRAL WIRE (N)								GROUND BUS GROUND WIRE (G)			

PANEL SCHEDULE															
PANEL: F84				MECHANICAL, ELECTRICAL, 4 PLUMBING ROOM 204 THIRD LEVEL				VOLTAGE: 208/120V, 200A, 50, 4M K/M/L/O				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT 5ND BAR 50 D TYPE GO LOAD CENTER			
FEEDER SOURCE: MDP PANEL															
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	GROUND BUS		
													POLE	AMP	LOCATION
1	#10	COOK TOP TWO BURNER, SUITE 301	30	1	2400				1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 303	#12	2	
3	#10	COOK TOP TWO BURNER, SUITE 302	30	1	2400				1000	1	20	MICROWAVE OVEN, SUITE 303	#12	4	
5	#10	COOK TOP TWO BURNER, SUITE 303	30	1	2400				1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 303	#12	6	
7	#10	COOK TOP TWO BURNER, SUITE 304	30	1	2400				1080	1	20	RECEPTACLES AND LIGHTING, SUITE 303	#12	8	
9	#10	COOK TOP TWO BURNER, SUITE 305	30	1	2400				120	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 303	#12	10	
11	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 301	20	1	1500				1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 304	#12	12	
13	#12	MICROWAVE OVEN, SUITE 301	20	1	1000				1000	1	20	MICROWAVE OVEN, SUITE 304	#12	14	
15	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 301	20	1	1000				1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 304	#12	16	
17	#12	RECEPTACLES AND LIGHTING, SUITE 301	20	1	1080				1080	1	20	RECEPTACLES AND LIGHTING, SUITE 304	#12	18	
19	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 301	20	1	120				120	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 304	#12	20	
21	#12	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 302	20	1	1500				1500	1	20	REFRIGERATOR AND KITCHEN COUNTER RECEPTACLES, SUITE 305	#12	22	
23	#12	MICROWAVE OVEN, SUITE 302	20	1	1000				1000	1	20	MICROWAVE OVEN, SUITE 305	#12	24	
25	#12	DISH WASHER AND GARBAGE DISPOSAL, SUITE 302	20	1	1000				1000	1	20	DISH WASHER AND GARBAGE DISPOSAL, SUITE 305	#12	26	
27	#12	RECEPTACLES AND LIGHTING, SUITE 302	20	1	1080				1080	1	20	RECEPTACLES AND LIGHTING, SUITE 305	#12	28	
29	#12	BATHROOM RECEPTACLES AND LIGHTING SUITE 302	20	1	120				120	1	20	BATHROOM RECEPTACLES AND LIGHTING SUITE 305	#12	30	
31	#12	SUITE 301 PTAC 208V RECEPTACLE	20	2	1750				1750	2	20	SUITE 303 PTAC 208V RECEPTACLE IN BEDROOM	#12	32	
33	#12	SUITE 302 PTAC 208V RECEPTACLE													