

PANEL: PNA										
LOCATION:			VOLTAGE: 600/200			AIC RATING:				
SUPPLY FROM:			PHASES: 3			MAINS TYPE: COPPER				
ENCLOSURE:			NUMBER OF WIRES: 4			MAINS RATING:				
MOUNTING:						MCB RATING:				
CKT	CIRCUIT DESCRIPTION	TRIP	POLE (S)	A	B	C	POLE (S)	TRIP	CIRCUIT DESCRIPTION	CKT
1	AHU-1	50A	3				3	15A	AHU-2	2
3										4
5										6
7	AHU-3	20A	3				3	15A	AHU-4	8
9										10
11										12
13	AHU-5	20A	3				3	70A	CD-1	14
15										16
17										18
19	CD-2	15A	3				3	30A	CD-3	20
21										22
23										24
25	CD-4	30A	3				3	25A	CD-5	26
27										28
29										30
31	-	15A	1				1	15A	-	32
33	-	15A	1				1	15A	-	34
35	-	15A	1				1	15A	-	36
37	-	15A	1				1	15A	-	38
39	-	15A	1				1	15A	-	40
41	-	15A	1				1	15A	-	42
43	-	15A	1				1	15A	-	44
45	-	15A	1				1	15A	-	46
47	-	15A	1				1	15A	-	48
49	-	15A	1				1	15A	-	50
51	-	30A	1				1	20A	-	52
53	-	15A	1				1	20A	-	54
55	-	15A	1				1	15A	-	56
57	-	15A	1				1	15A	-	58
59	-	15A	1				1	15A	-	60
TOTAL LOAD										
TOTAL AMPS										

PANEL: PIA										
LOCATION:			VOLTAGE: 600/200			AIC RATING:				
SUPPLY FROM:			PHASES: 3			MAINS TYPE: COPPER				
ENCLOSURE:			NUMBER OF WIRES: 4			MAINS RATING:				
MOUNTING:						MCB RATING:				
CKT	CIRCUIT DESCRIPTION	TRIP	POLE (S)	A	B	C	POLE (S)	TRIP	CIRCUIT DESCRIPTION	CKT
1	BOILER #1 (RE)	15A	3				3	15A	BOILER #2 (RE)	2
3										4
5										6
7	CIRC PUMP #1 (RE)	30A	3				3	50A	MCP	8
9										10
11										12
13	ELEVATOR (RE)	40A	3				1	15A	-	14
15										16
17										18
19	-	15A	1				1	15A	-	20
21	-	15A	1				1	15A	-	22
23	-	15A	1				1	15A	-	24
25	-	15A	1				1	15A	-	26
27	-	15A	1				1	15A	-	28
29	-	15A	1				1	15A	-	30
31	-	15A	1				1	15A	-	32
33	-	15A	1				1	15A	-	34
35	-	15A	1				1	15A	-	36
37	-	15A	1				1	15A	-	38
39	-	15A	1				1	15A	-	40
41	-	15A	1				1	15A	-	42
43	-	15A	1				1	15A	-	44
45	-	15A	1				1	15A	-	46
47	-	15A	1				1	15A	-	48
49	-	15A	1				1	15A	-	50
51	-	30A	1				1	20A	-	52
53	-	15A	1				1	20A	-	54
55	-	15A	1				1	15A	-	56
57	-	15A	1				1	15A	-	58
59	-	15A	1				1	15A	-	60
TOTAL LOAD										
TOTAL AMPS										
NOTES: (RE) = RELOCATED CIRCUIT FROM ANOTHER PANEL.										

PANEL: LNA														
LOCATION: ELECTRICAL ROOM 131				VOLTAGE: 120/208				AIC RATING: 10						
SUPPLY FROM: DPNA				PHASES: 3				MAINS TYPE: COPPER						
ENCLOSURE: NEMA1				NUMBER OF WIRES: 4				MAINS RATING: 200A						
MOUNTING: SURFACE				MCB RATING: MLO										
CKT	CIRCUIT DESCRIPTION	TRIP	POLE (S)	A		B		C		POLE (S)	TRIP	CIRCUIT DESCRIPTION	CKT	
1	LIGHTING: 124,125,126	15A	1	700	300					1	15A	LIGHTING: 131,132,133	2	
3	LIGHTING: VESTIBULE 125A	15A	1			600	600			1	15A	LIGHTING: 116	4	
5	LIGHTING: 120	15A	1					800	500	1	15A	LIGHTING: 120	6	
7	RECEPTACLE: 125	15A	1	600	800					1	20A	O/H DOOR: 125	8	
9	O/H DOOR: 125	20A	1			800	600			1	15A	RECEPTACLE: EXTERIOR	10	
11	RECEPTACLE: 126	15A	1					400	400	1	15A	RECEPTACLE: 126	12	
13	RECEPTACLE: 137,138,139,140	15A	1	800	600					1	15A	RECEPTACLE: 122,123,124	14	
15	RECEPTACLE: 116, 136	15A	1			400				1	15A	FIDS	16	
17	PAY PHONE	15A	1					800		1	15A	MULTI-MEDIA SCREENS	18	
19	HAND DRYER	20A	1							1	15A	—	20	
21	HAND DRYER	20A	1							1	15A	—	22	
23	HAND DRYER	20A	1							1	15A	—	24	
25	HAND DRYER	20A	1							1	15A	—	26	
27	MOTORIZED DAMPER: MD-1	15A	1							1	15A	—	28	
29	MOTORIZED DAMPER: MD-2	15A	1							2	15A	POLE #4 (RE)	30	
31	VAV-1	50A	3										32	
33														34
35														36
37	VAV-2	50A	3							2	15A	POLE #2 (RE)	38	
39											40			
41											42			
43	—	15A	1							2	15A	POLE #1 (RE)	44	
45	—	15A	1							1	15A	ADV. SIGNS (RE)	46	
47	—	15A	1							2	20A	WOMEN'S HAND DRYER (RE)	48	
49	—	15A	1										50	
51	—	30A	1										2	20A
53	—	15A	1							1	15A	OUTSIDE PLUG (RE)	54	
55	—	15A	1										56	
57	—	15A	1										1	15A
59	—	15A	1							1	15A	OUTSIDE PLUG NORTH (RE)	60	
TOTAL LOAD														
TOTAL AMPS														
NOTES: (RE) = RELOCATED CIRCUIT FROM ANOTHER PANEL.														

RELAY PANEL 'RP-1'										
125A (LIA-3)	→ r1 →	r2 →	125A (LNA-3)							
116 (LNA-4)	→ r3 →	r4 →	116 (LIA-4)							
102 (LIA-5)	→ r5 →	r6 →	102 (LIA-6)							
100 (LIA-7)	→ r7 →	r8 →	136 (LIA-8)							
106 (LIA-6)	→ r9 →	r10 →	102 (LNA-5)							
102 (LNA-6)	→ r11 →	r12 →	122, 123 (LIA-3)							
SPARE → r13 →		r14 →	EXTERIOR (LIA-11)							
SPARE → r15 →		r16 →	EXTERIOR (LIA-13)							
SIGN (LIA-15)	→ r17 →	r18 →	SPARE							
SPARE → r19 →		r20 →	SPARE							
SPARE → r21 →		r22 →	SPARE							
SPARE → r23 →		r24 →	SPARE							

PANEL: LIA																
LOCATION: ELECTRICAL ROOM 131				VOLTAGE: 120/208				AIC RATING: 10								
SUPPLY FROM: DP1A				PHASES: 3				MAINS TYPE: COPPER								
ENCLOSURE: NEMA1				NUMBER OF WIRES: 4				MAINS RATING: 100A								
MOUNTING: SURFACE								MCB RATING: MLO								
CKT	CIRCUIT DESCRIPTION	TRIP	POLE (S)	A		B		C		POLE (S)	TRIP	CIRCUIT DESCRIPTION	CKT			
1	EXIT LIGHTS	15A	1	200	600					1	15A	LIGHTING: 138,139,140	2			
3	LIGHTING: VESTIBULES 122,123	15A	1			1000	600			1	15A	LIGHTING: 116	4			
5	LIGHTING: 102	15A	1					500	500	1	15A	LIGHTING: 102	6			
7	LIGHTING: 100	15A	1	500	600					1	15A	DOORS: 122,123,124	8			
9	DOORS: 122,123	15A	1			400	400			1	15A	DOORS: 136	10			
11	EXTERIOR	15A	1							3	30A	UH-1	12			
13	EXTERIOR	15A	1	800									14			
15	SIGN	15A	1			200							16			
17	DATA RACK: 132	15A	1										18			
19	DATA RACK: 132	15A	1							3	30A	UH-2	20			
21	DATA RACK: 132	15A	1										22			
23	DATA RACK: 132	15A	1										24			
25	—	15A	1										3	30A	UH-3	26
27	—	15A	1							28						
29	—	15A	1							3	20A	UH-4				30
31	—	15A	1													32
33	—	15A	1										34			
35	—	15A	1										1	15A	—	36
37	—	15A	1							1	15A	—	38			
39	—	15A	1							1	15A	—	40			
41	—	15A	1							1	15A	—	42			
43	—	15A	1							1	15A	—	44			
45	—	15A	1							1	15A	—	46			
47	—	15A	1							1	15A	—	48			
49	—	15A	1							1	15A	—	50			
51	—	30A	1							1	20A	—	52			
53	—	15A	1							1	20A	—	54			
55	—	15A	1							1	15A	—	56			
57	—	15A	1							1	15A	—	58			
59	—	15A	1							1	15A	—	60			
TOTAL LOAD																
TOTAL AMPS																