

[illegible]

SERVICE 3 PHASE, 4-WIRE				<div><div>VOLTAGE: 120/208V MOUNTING: FLOOR MOUNTED TYPE: LOAD CENTRE</div><div>PANEL: 1GA</div><div>MAIN BUS: 250A NEUTRAL: 100% MAINS: 100A AC: 25,000 A</div></div>																			
PHASE														TRIP POLE									
LOAD DESCRIPTION														LOAD DESCRIPTION									
R	Y	B												WIRE	CONDUIT	OKT NO	OKT NO	WIRE	CONDUIT	TRIP POLE	R	Y	B
ROOM 128 A				201P	12	3/4	1	2	3/4	201P	600				ROOM 129 A								
ROOM 128 C		1200		201P	12	3/4	3	4	12	3/4	201P		1200		ROOM 129 C								
ROOM 129 B			1200	201P	12	3/4	5	6	12	3/4	201P			1200	ROOM 129 B								
ROOM 130 A	1200			201P	12	3/4	7	8	12	3/4	201P	1200			ROOM 131 B								
ROOM 130 A		600		201P	12	3/4	9	10	12	3/4	201P		600		ROOM 131 A								
ROOM 130 C			1200	201P	12	3/4	11	12	12	3/4	201P			1200	ROOM 131 C								
ROOM 132 C		1200		201P	12	3/4	13	14	12	3/4	201P	1200			ROOM 133 C								
ROOM 132 B			1200	201P	12	3/4	15	16	12	3/4	201P		1200		ROOM 132 B								
ROOM 132 A			600	201P	12	3/4	17	18	12	3/4	201P			600	ROOM 133 A								
SPARE				201P	12	3/4	19	20							SPACE								
SPARE				201P	12	3/4	21	22							SPACE								
SPARE				201P	12	3/4	23	24							SPACE								
SPARE				201P	12	3/4	25	26							SPACE								
SPARE				201P	12	3/4	27	28							SPACE								
SPARE				201P	12	3/4	29	30							SPACE								
SUBTOTAL VA	3000	3000	3000								3000	3000	3000		SUBTOTAL VA								
TOTAL VA														18000									

LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
GUEST ROOMS:			
TOTAL GUEST ROOM LOAD IN VA AS PER NEC ARTICLE NO 220.42	18000	AS PER NEC ARTICLE NO 220.42	9000
TOTAL LOAD IN AMPERE	50		26
TAKING 15% SPARE CAPACITY IN AMP			29
AS PER NEC BREAKER CAPACITY IN AMP			37

SERVICE 3 PHASE 4-WIRE VOLTAGE:120/208V MOUNTING:FLANGE MOUNTED TYPE:LOAD CENTER					PANEL 30A										MAIN BUS: 250A NEUTRAL:100% MAINS: 100A AIC:25,000 A			
LOAD DESCRIPTION		PHASE			TRIP POLE	WIRE	CONDUIT	CKT NO.	CKT NO.	WIRE	CONDUIT	TRIP POLE	PHASE			LOAD DESCRIPTION		
		R	Y	B									R	Y	B			
ROOM 302 A	600				20/1P	12	3/4	1	2	12	3/4	201P	600			ROOM 302 A		
ROOM 302 C		1200			20/1P	12	3/4	3	4	12	3/4	201P		1200		ROOM 302 C		
ROOM 304 A				1200	20/1P	12	3/4	5	6	12	3/4	201P			1200	ROOM 304 A		
ROOM 304 A	600				20/1P	12	3/4	7	8	12	3/4	201P	600			ROOM 304 A		
ROOM 304 B		1000			20/1P	12	3/4	9	10	12	3/4	201P		1000		ROOM 304 B		
ROOM 304 C			1200		20/1P	12	3/4	11	12	12	3/4	201P			1200	ROOM 304 C		
ROOM 306 C		1200			20/1P	12	3/4	13	14	12	3/4	201P		1200		ROOM 306 C		
ROOM 306 B			600		20/1P	12	3/4	15	16	12	3/4	201P		600		ROOM 306 B		
ROOM 306 B		1200			20/1P	12	3/4	17	18	12	3/4	201P			1200	ROOM 306 B		
ROOM 308 A	600				20/1P	12	3/4	19	20	12	3/4	201P	600			ROOM 308 A		
ROOM 308 C		1200			20/1P	12	3/4	21	22	12	3/4	201P		1200		ROOM 308 C		
ROOM 308 B			1200		20/1P	12	3/4	23	24	12	3/4	201P			1200	ROOM 308 B		
ROOM 310 A		600			20/1P	12	3/4	25	26	12	3/4	201P	600			ROOM 310 A		
ROOM 310 B		1200			20/1P	12	3/4	27	28	12	3/4	201P		1200		ROOM 310 B		
ROOM 310 C			1200		20/1P	12	3/4	29	30	12	3/4	201P			1200	ROOM 310 C		
ROOM 312 C		1200			20/1P	12	3/4	31	32							ROOM 312 C		
ROOM 312 A			600		20/1P	12	3/4	33	34							ROOM 312 A		
ROOM 312 B			1200		20/1P	12	3/4	35	36							ROOM 312 B		
SPARE					20/1P	12	3/4	37	38							SPARE		
SPARE					20/1P	12	3/4	39	40							SPARE		
SPARE					20/1P	12	3/4	41	42							SPARE		
SUBTOTAL VA		4500	6000	7200									3600	5400	6000	SUBTOTAL VA		

				<table><tr><td>4800</td><td>6000</td><td>7200</td></tr><tr><td>8400</td><td>11400</td><td>13200</td></tr><tr><td colspan="3">33000</td></tr></table>		4800	6000	7200	8400	11400	13200	33000		
4800	6000	7200												
8400	11400	13200												
33000														
TOTAL VA:														
LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD											
GUEST ROOMS:														
TOTAL GUEST ROOM LOAD IN VA AS PER NEC ARTICLE NO 220.42)	33000	AS PER NEC ARTICLE NO 220.42	12000											
TOTAL LOAD IN AMPERE	92		42											
TAKING 15% SPARE CAPACITY IN AMP			49											
AS PER NEC BREAKER CAPACITY IN AMP			61											

SERVICE 3-PHASE 4-WIRE					PANEL 4GB												MAIN BUS: 250A NEUTRAL: 100A MINS: 100A AIC: 25,000 A				
VOLTAGE: 120/208V																					
MOUNTING: FLOOR MOUNTED																					
TYPE: LOAD CENTRE																					
LOAD DESCRIPTION		PHASE			TRIP POLE									PHASE			LOAD DESCRIPTION				
		R	Y	B		WIRE	CONDUIT	CKT NO.	WIRE	CONDUIT	TRIP POLE	R	Y	B							
ROOM 414 A	600				201P	12	3/4	1	2	12	3/4	201P	600				ROOM 415 A				
ROOM 414 B		1200			201P	12	3/4	3	4	12	3/4	201P		1200			ROOM 415 B				
ROOM 414 C			1200		201P	12	3/4	5	6	12	3/4	201P			1200		ROOM 415 C				
ROOM 414 D	1200				201P	12	3/4	7	8	12	3/4	201P				1200	ROOM 417 A				
ROOM 416 A		600			201P	12	3/4	9	10	12	3/4	201P			600		ROOM 417 B				
ROOM 416 B			1200		201P	12	3/4	11	12	12	3/4	201P				1200	ROOM 417 C				
ROOM 418 A	1200				201P	12	3/4	13	14	12	3/4	201P	1200				ROOM 419 A				
ROOM 418 B			600		201P	12	3/4	15	16	12	3/4	201P			1200		ROOM 419 B				
ROOM 418 C				1200	201P	12	3/4	17	18	12	3/4	201P				600	ROOM 419 C				
ROOM 420 A	1200				201P	12	3/4	19	20	12	3/4	201P	600				ROOM 421 A				
ROOM 420 A		600			201P	12	3/4	21	22	12	3/4	201P			1200		ROOM 421 A				
ROOM 420 C			1200		201P	12	3/4	23	24	12	3/4	201P				1200	ROOM 421 C				
ROOM 422 C	1200				201P	12	3/4	25	26	12	3/4	201P		1200			ROOM 423 A				
ROOM 422 C		600			201P	12	3/4	27	28	12	3/4	201P			600		ROOM 423 C				
ROOM 422 B			1200		201P	12	3/4	29	30	12	3/4	201P				1200	ROOM 423 B				
ROOM 424 C	1200				201P	12	3/4	31	32	12	3/4	201P	600				ROOM 425 C				
ROOM 424 B		1200			201P	12	3/4	33	34	12	3/4	201P			1200		ROOM 425 B				
ROOM 424 A			600		201P	12	3/4	35	36	12	3/4	201P				1200	ROOM 425 A				
ROOM 426 B	1200				201P	12	3/4	37	38	12	3/4	201P		1200			ROOM 427 B				
ROOM 426 A				1200	201P	12	3/4	39	40	12	3/4	201P			1200		ROOM 427 A				
ROOM 426 B		600			201P	12	3/4	41	42	12	3/4	201P				600	ROOM 427 C				
ROOM 428 B	1200				201P	12	3/4	43	44	12	3/4	201P	1200				ROOM 429 B				
ROOM 428 A			600		201P	12	3/4	45	46	12	3/4	201P			600		ROOM 429 A				
ROOM 428 C				1200	201P	12	3/4	47	48	12	3/4	201P				1200	ROOM 429 C				
SPARE					201P	12	3/4	49	50								SPAC				
SPARE					201P	12	3/4	51	52								SPAC				
SPARE					201P	12	3/4	53	54								SPAC				
SUBTOTAL VA		9000	6000	9000													7800	7800	8400	SUBTOTAL VA	
																	9000	6000	9000		
																	16800	13800	17400		
																	48000				
TOTAL VA:																					

LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
GUEST ROOMS:			
TOTAL GUEST ROOM LOAD IN VA (AS PER NEC ARTICLE NO 220 42)	48000	AS PER NEC ARTICLE NO 220 42	21200
TOTAL LOAD IN AMPERE	133		09
TAKING 15% SPARE CAPACITY IN AMP			08
AS PER NEC BREAKER CAPACITY IN AMP			09

SERVICE 3 PHASE 4-WIRE				PANEL 20A										MAIN BUS: 250A NEUTRAL: 100% MANS: 100A ACC: 25,000 A			
VOLTAGE: 120/208																	
MOUNTING: FLOOR MOUNTED																	
TYPE: LOAD CENTER																	
LOAD DESCRIPTION		PHASE			TRIP POLE	WIRE	CONDUIT	CKT NO	CKT NO	WIRE	CONDUIT	TRIP POLE	PHASE			LOAD DESCRIPTION	
		R	Y	B									R	Y	B		
ROOM 202 A	600			20/1P	12	3/4	1	2	12	3/4	20/1P	600			ROOM 203 A		
ROOM 202 C		1200		20/1P	12	3/4	3	4	12	3/4	20/1P		1200		ROOM 203 C		
ROOM 202 E			1200	20/1P	12	3/4	5	6	12	3/4	20/1P			1200	ROOM 203 E		
ROOM 204 A	600			20/1P	12	3/4	7	8	12	3/4	20/1P	600			ROOM 204 A		
ROOM 204 B		1200		20/1P	12	3/4	9	10	12	3/4	20/1P		1200		ROOM 204 B		
ROOM 204 C			1200	20/1P	12	3/4	11	12	12	3/4	20/1P			1200	ROOM 204 C		
ROOM 206 C	1200			20/1P	12	3/4	13	14	12	3/4	20/1P	1200			ROOM 207 C		
ROOM 206 A		600		20/1P	12	3/4	15	16	12	3/4	20/1P		600		ROOM 207 A		
ROOM 206 B			1200	20/1P	12	3/4	17	18	12	3/4	20/1P			1200	ROOM 207 B		
ROOM 208 A	600			20/1P	12	3/4	19	20	12	3/4	20/1P	600			ROOM 208 A		
ROOM 208 C		1200		20/1P	12	3/4	21	22	12	3/4	20/1P		1200		ROOM 208 C		
ROOM 208 B			1200	20/1P	12	3/4	23	24	12	3/4	20/1P			1200	ROOM 208 B		
ROOM 210 A	600			20/1P	12	3/4	25	26	12	3/4	20/1P	600			ROOM 211 A		
ROOM 210 B		1200		20/1P	12	3/4	27	28	12	3/4	20/1P		1200		ROOM 211 B		
ROOM 210 C			1200	20/1P	12	3/4	29	30	12	3/4	20/1P			1200	ROOM 211 C		
ROOM 212 C	1200			20/1P	12	3/4	31	32							SPACE		
ROOM 212 A		600		20/1P	12	3/4	33	34							SPACE		
ROOM 212 B			1200	20/1P	12	3/4	35	36							SPACE		
SPARE				20/1P	12	3/4	37	38							SPACE		
SPARE				20/1P	12	3/4	39	40							SPACE		
SPARE				20/1P	12	3/4	41	42							SPACE		
SUBTOTAL VA	4800	6000	7200									3600	5400	6000	SUBTOTAL VA		
												4800	6000	7200			
												8400	11400	13200			
												TOTAL VA		33000			

LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
GUEST ROOMS:			
TOTAL GUEST ROOM LOAD IN VA (AS PER NEC ARTICLE NO 220.42)	33000	AS PER NEC ARTICLE NO 220.42	15200
TOTAL LOAD IN AMPERE	92		42
TAKING 15% SPARE CAPACITY IN AMP			49
AS PER NEC BREAKER CAPACITY IN AMP			61

SERVICES 3-PHASE 4-WIRE VOLTAGE 120/208V MOUNTING FLOOR MOUNTED TYPE LOAD CENTRE										PANEL 30B										MAIN BUS: 250A NEUTRAL 100% MINS: 100A AIO 25.00 A			
LOAD DESCRIPTION	#	PHASE			TRIP POLE	WIRE	CONDUIT	CKT NO.	CKT NO.	WIRE	CONDUIT	TRIP POLE	PHASE			LOAD DESCRIPTION							
		Y	B										R	Y	B								
ROOM 314 A	600				20/1P	12	3/4	1	2	12	3/4	20/1P	600			R							
ROOM 314 B		1200			20/1P	12	3/4	3	4	12	3/4	20/1P		1200		R							
ROOM 314 C			1200		20/1P	12	3/4	5	6	12	3/4	20/1P			1200	R							
ROOM 316 C	1200				20/1P	12	3/4	7	8	12	3/4	20/1P	1200			R							
ROOM 316 A			600		20/1P	12	3/4	9	10	12	3/4	20/1P		600		R							
ROOM 316 B				1200	20/1P	12	3/4	11	12	12	3/4	20/1P			1200	R							
ROOM 318 B		1200			20/1P	12	3/4	13	14	12	3/4	20/1P	1200			R							
ROOM 318 A			600		20/1P	12	3/4	15	16	12	3/4	20/1P		1200		R							
ROOM 318 C				1200	20/1P	12	3/4	17	18	12	3/4	20/1P			600	R							
ROOM 320 B	1200				20/1P	12	3/4	19	20	12	3/4	20/1P	600			R							
ROOM 320 A					20/1P	12	3/4	21	22	12	3/4	20/1P			1200	R							
ROOM 320 C				1200	20/1P	12	3/4	23	24	12	3/4	20/1P				R							
ROOM 322 C	1200				20/1P	12	3/4	25	26	12	3/4	20/1P				R							
ROOM 322 A			600		20/1P	12	3/4	27	28	12	3/4	20/1P		600		R							
ROOM 322 B				1200	20/1P	12	3/4	29	30	12	3/4	20/1P			1200	R							
ROOM 324 C	1200				20/1P	12	3/4	31	32	12	3/4	20/1P	600			R							
ROOM 324 B		1200			20/1P	12	3/4	33	34	12	3/4	20/1P		1200		R							
ROOM 324 A			600		20/1P	12	3/4	35	36	12	3/4	20/1P			1200	R							
ROOM 326 C	1200				20/1P	12	3/4	37	38	12	3/4	20/1P				R							
ROOM 326 A			600		20/1P	12	3/4	39	40	12	3/4	20/1P		1200		R							
ROOM 326 B				1200	20/1P	12	3/4	41	42	12	3/4	20/1P			600	R							
ROOM 328 B		1500			20/1P	12	3/4	43	44	12	3/4	20/1P	1200			R							
ROOM 328 A			600		20/1P	12	3/4	45	46	12	3/4	20/1P		600		R							
ROOM 328 C				1200	20/1P	12	3/4	47	48	12	3/4	20/1P			1200	R							
SPARE					20/1P	12	3/4	49	50														
SPARE					20/1P	12	3/4	51	52														
SPARE					20/1P	12	3/4	53	54														
SUBTOTAL VA	9000	6000	9000										7800	7800	8400	SUBTOTAL							

				<table><tr><td>9000</td><td>6000</td><td>9000</td></tr><tr><td>16800</td><td>13800</td><td>17400</td></tr><tr><td colspan="3">40000</td></tr></table>			9000	6000	9000	16800	13800	17400	40000		
9000	6000	9000													
16800	13800	17400													
40000															
				TOTAL VA											
LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD												
GUEST ROOMS:															
TOTAL GUEST ROOM LOAD IN VA (AS PER NEC ARTICLE NO 220.42)	48000	AS PER NEC ARTICLE NO 220.42	21000												
TOTAL LOAD IN AMPERE	33		59												
TAKEING 10% SPARE CAPACITY IN AMP			65												
AS PER NEC BREAKER CAPACITY IN AMP			85												

SERVICE 3 PHASE 4-WIRE				PANEL 1HK										MAIN BUS: 250A NEUTRAL: 100% MAINS: 150A AIC: 25,000A			
VOLTAGE: 120/208																	
MOUNTING: WALL MOUNTED																	
TYPE LOAD CENTRE																	
LOAD DESCRIPTION	PHASE			TRIP POLE	WIRE	CUT NO.	CKT NO.	WIRE	CUT/4	CONDUIT	TRIP POLE	PHASE			LOAD		
	R	Y	B									R	Y	B			
ROOM 128 PTAC	1200			15/0P		3/4	1	2	12	3/4	15/0P	1200					
		1200				3/4	3	4					1200				
			1200			3/4	5	6	12	3/4	15/0P			1200			
ROOM 132 PTAC	1200			15/0P	12	3/4	7	8				1200					
		1200				3/4	9	10	12	3/4	15/0P		1200				
ROOM 131 PTAC			1200	15/0P		3/4	11	12						1200			
							13	14									
SPACE							15	16									
SPACE							17	18									
SPACE							19	20									
SPACE							21	22									
SPACE							23	24									
SPACE							25	26									
SPACE							27	28									
SPACE							29	30									
SUBTOTAL VA	2400	2400	2400									2400	2400	2400	30		

				<table><tr><td></td><td>2400</td><td>2400</td><td>2400</td></tr><tr><td></td><td>4800</td><td>4800</td><td>4800</td></tr><tr><td colspan="2">TOTAL VA:</td><td colspan="2">14400</td></tr></table>				2400	2400	2400		4800	4800	4800	TOTAL VA:		14400	
	2400	2400	2400															
	4800	4800	4800															
TOTAL VA:		14400																
LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD															
GUEST ROOMS:																		
HVAC	14400																	
TOTAL GUEST ROOM HVAC LOAD IN VA	14400	AS PER NEC ARTICLE NO 220.8(B)	14400															
TOTAL LOAD IN AMPERE	40		40															
TRACING 10% SPARE CAPACITY IN AMP			48															
AS PER NEC BREAKER CAPACITY IN AMP			57															

SERVICE 3 PHASE 4 WIRE										MAIN BUS: 250A									
VOLTAGE 120/208										NEUTRAL: 100A									
MOUNTING FLOOR MOUNTED										MAINS: 100A									
TYPE LOAD CENTRE										AIC 25,000 A									
LOAD DESCRIPTION		PHASE			TRIP POLE	CONDUIT	DKT NO	DKT NO	WIRE	CONDUIT	TRIP POLE	PHASE			LOAD DESCRIPTION				
R	Y	B	R	Y								B							
ROOM 218 A	600				201P	12	3/4	1	2	12	3/4	201P	600		ROOM 214 A				
ROOM 218 B		1200			201P	12	3/4	3	4	12	3/4	201P		1200	ROOM 214 B				
ROOM 218 C			1200		201P	12	3/4	5	6	12	3/4	201P			ROOM 214 C				
ROOM 220 C	1200				201P	12	3/4	7	8	12	3/4	201P	1200		ROOM 215 C				
ROOM 220 A			600		201P	12	3/4	9	10	12	3/4	201P		600	ROOM 215 A				
ROOM 220 B				1200	201P	12	3/4	11	12	12	3/4	201P		1200	ROOM 215 B				
ROOM 222 B	1200				201P	12	3/4	13	14	12	3/4	201P	1200		ROOM 216 C				
ROOM 222 A		600			201P	12	3/4	15	16	12	3/4	201P		1200	ROOM 216 B				
ROOM 222 C			1200		201P	12	3/4	17	18	12	3/4	201P		600	ROOM 216 A				
ROOM 224 B	1200				201P	12	3/4	19	20	12	3/4	201P	600		ROOM 217 A				
ROOM 224 A			600		201P	12	3/4	21	22	12	3/4	201P		1200	ROOM 217 B				
ROOM 224 C				1200	201P	12	3/4	23	24	12	3/4	201P			ROOM 217 C				
ROOM 226 C	1200				201P	12	3/4	25	26	12	3/4	201P	1200		ROOM 219 C				
ROOM 226 A		600			201P	12	3/4	27	28	12	3/4	201P			ROOM 219 A				
ROOM 226 B			1200		201P	12	3/4	29	30	12	3/4	201P		1200	ROOM 219 B				
SPACE					201P	12	3/4	31	32	12	3/4	201P	600		ROOM 220 A				
SPACE					201P	12	3/4	33	34	12	3/4	201P		1200	ROOM 220 C				
SPACE					201P	12	3/4	35	36	12	3/4	201P			ROOM 221 B				
SPACE					201P	12	3/4	37	38	12	3/4	201P	600		ROOM 223 A				
SPACE					201P	12	3/4	39	40	12	3/4	201P		1200	ROOM 223 C				
SPACE					201P	12	3/4	41	42	12	3/4	201P			ROOM 223 B				
SPACE					201P	12	3/4	43	44	12	3/4	201P	1200		ROOM 225 A				
SPACE					201P	12	3/4	45	46	12	3/4	201P		600	ROOM 225 B				
SPACE					201P	12	3/4	47	48	12	3/4	201P			ROOM 225 B				
SPACE					201P			49	50	12	3/4	201P			SPACE				
SPACE					201P			51	52	12	3/4	201P			SPACE				
SPACE					201P			53	54	12	3/4	201P			SPACE				
SPRINTALL VA	5600	3600	6000										2200	8000	SPRINTALL VA				

												5400	3600	6000		
												12600	11400	15000		
										TOTAL VA:		39000				
LOAD		CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD										
GUEST ROOMS:																
TOTAL GUEST ROOM LOAD P-V-A (AS PER NEC ARTICLE NO 220 42)		39000		AS PER NEC ARTICLE NO 220 42		17600										
TOTAL LOAD IN AMPERE		108				49										
TAKING 15% SPARE CAPACITY IN AMP						56										
AS PER NEC BREAKER CAPACITY IN AMP						70										

SERVICE 3 PHASE 4 WIRE VOLTAGE 120/208 MOUNTING/FLAME MOUNTED TYPE LOAD CENTRE										PANEL VGA				MAIN BUS: 250A NEUTRAL: 100% MINS: 105A AK-25.00 A			
LOAD DESCRIPTION	PHASE			TRIP POLE	WIRE	CONDUIT	CKT NO.	CKT NO.	WIRE	CONDUIT	PHASE			B			
	R	Y	B								R	Y	B				
ROOM 402 A	600			201P	12	3/4	1	2	12	3/4	201P						
ROOM 402 C		1200		201P	12	3/4	3	4	12	3/4	201P		1200				
ROOM 402 B			1200	201P	12	3/4	5	6	12	3/4	201P			1200			
ROOM 401 A	600			201P	12	3/4	7	8	12	3/4	201P	600					
ROOM 401 B		1200		201P	12	3/4	9	10	12	3/4	201P		1200				
ROOM 401 C			1200	201P	12	3/4	11	12	12	3/4	201P			1200			
ROOM 403 C		1200		201P	12	3/4	13	14	12	3/4	201P		1200				
ROOM 403 B			600	201P	12	3/4	15	16	12	3/4	201P			600	1200		
ROOM 406 B			1200	201P	12	3/4	17	18	12	3/4	201P						
ROOM 408 A	600			201P	12	3/4	19	20	12	3/4	201P	600					
ROOM 408 C		1200		201P	12	3/4	21	22	12	3/4	201P						
ROOM 408 B			1200	201P	12	3/4	23	24	12	3/4	201P			1200			
ROOM 410 A	600			201P	12	3/4	25	26	12	3/4	201P	600					
ROOM 410 B		1200		201P	12	3/4	27	28	12	3/4	201P		1200				
ROOM 410 C			1200	201P	12	3/4	29	30	12	3/4	201P			1200			
ROOM 412 C		1200		201P	12	3/4	31	32	12	3/4	201P						
ROOM 412 A			600	201P	12	3/4	33	34	12	3/4	201P						
ROOM 412 B			1200	201P	12	3/4	35	36	12	3/4	201P						
SPARE				201P	12	3/4	37	38									
SPARE				201P	12	3/4	39	40									
SPARE				201P	12	3/4	41	42									
SUBTOTAL VA	4800	6000	7200									3600	5400	6000			

				TOTAL VA:	4800	6000	7200
					8400	11400	13200
					33000		
LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD				
GUEST ROOMS:							
TOTAL GUEST ROOM LOAD IN VA (PER NEC ARTICLE NO 220.42)	33000	AS PER NEC ARTICLE NO 220.42	16200				
TOTAL LOAD IN AMPERE	52		42				
TAKING 10% SPARE CAPACITY IN AMP			49				
AS PER NEC BREAKER CAPACITY IN AMP			61				

SERVICE 3 PHASE, 4 WIRE VOLTAGE: 120/208 MOUNTING WALL MOUNTED TYPE: LOAD CENTRE										PANEL 29A						MAIN BUS 208A NEUTRAL: 100% MAINS: 150A AIC 25 000A			
N	LOAD DESCRIPTION	PHASE			TRIP POLE	WIRE	CONDUIT	CKT NO	CKT NO	WIRE	CONDUIT	TRIP POLE	PHASE			LOAD DESCRIPTION			
		R	Y	B									R	Y	B				
TAC	ROOM 202 PTAC	1200			15/2P	12	3/4		1	2	12	3/4	15/2P	1200	1200	ROOM 2			
TAC	ROOM 204 PTAC	1200		1200	15/2P	12	3/4		3	4	12	3/4	15/2P		1200	ROOM 2			
TAC	ROOM 206 PTAC				15/2P	12	3/4		5	6	12	3/4	15/2P	1200	1200	ROOM 2			
ACE	ROOM 208 PTAC	1200		1200	15/2P	12	3/4		7	8	12	3/4	15/2P		1200	ROOM 2			
ACE	ROOM 210 PTAC				15/2P	12	3/4		9	10	12	3/4	15/2P	1200	1200	ROOM 2			
ACE	ROOM 212 PTAC	1200		1200	15/2P	12	3/4		11	12	12	3/4	15/2P		1200	ROOM 2			
ACE	SPACE				15/2P	12	3/4		13	14	12	3/4	15/2P	1200	1200	ROOM 2			
ACE	SPACE				15/2P	12	3/4		15	16	12	3/4	15/2P		1200	ROOM 2			
ACE	SPACE				15/2P	12	3/4		17	18	12	3/4	15/2P	1200	1200	ROOM 2			
ACE	SPACE	1200		1200	15/2P	12	3/4		19	20	12	3/4	15/2P		1200	ROOM 2			
ACE	SPACE				15/2P	12	3/4		21	22									
ACE	SPACE				15/2P	12	3/4		23	24									
ACE	SPACE				15/2P	12	3/4		25	26									
ACE	SPACE				15/2P	12	3/4		27	28									
ACE	SPACE				15/2P	12	3/4		29	30									
ACE	SPACE				15/2P	12	3/4		31	32									
ACE	SPACE				15/2P	12	3/4		33	34									
ACE	SPACE				15/2P	12	3/4		35	36									
ACE	SPACE				15/2P	12	3/4		37	38									
ACE	SPACE				15/2P	12	3/4		39	40									
ACE	SPACE				15/2P	12	3/4		41	42									
	SUBTOTAL VA	4800	4800	4800										4800	3600	3600	SUBTOTAL		

				<div>4800 4800 4800</div> <div>9600 9400 9400</div> <div>26400</div>		
				TOTAL VA:		
LOAD		CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD		
GUEST ROOMS:						
HWC:		26400		26400		
TOTAL GUEST ROOM HVAC LOAD IN VA		26400	AS PER NEC ARTICLE NO 220.83B	26400		
TOTAL LOAD IN AMPERE		73		73		
THINKING 10% SPARE CAPACITY IN AMP		F3		84		
AS PER NEC BREAKER CAPACITY IN AMP				105		