

SERVICE 3 PHASE 4-WIRE										MAIN BUS 200A									
VOLTAGE: 100/0/0										NEUTRAL: 100%									
MOUNTING: WALL MOUNTED										MANS: 100A									
TYPE: LOAD CENTRE										AC: 15.0/0.0/0.0									
LOAD DESCRIPTION										PANEL HWP									
		PHASE			TRIP POLE	WIRE	CONDUIT	CMT NO	CMT NO	WIRE	CONDUIT	TRIP POLE	PHASE			LOAD DESCRIPTION			
		R	Y	B									R	Y	B				
CORROSION RCPT		180			201P	12	3/4"	1	2	12	3/4"	201P				RESTROOM RCPT			
POOL MECH. RCPT			540		201P	12	3/4"	3	4	12	3/4"	201P	160			BREAK ROOM RCPT			
BREAKROOM REFR. RCPT				1000	201P	12	3/4"	5	6	12	3/4"	201P			180	ELEVATOR LOBBY RCPT			
VENDING AREA RCPT		180			201P	12	3/4"	7	8	12	3/4"	201P	750			ICE MACHINE			
ELEVATOR LOBBY RCPT		180			201P	12	3/4"	9	10	12	3/4"	201P			180	ELEVATOR LOBBY RCPT			
BUSINESS RCPT			540		201P	12	3/4"	11	12	12	3/4"	201P			720	STORAGE RCPT			
MENS RESTROOM RCPT		180			201P	12	3/4"	13	14	12	3/4"	201P	180			WOMENS RESTROOM RCPT			
MELTING ROOM RCPT			720		201P	12	3/4"	15	16	12	3/4"	201P		540		MELTING ROOM RCPT			
GUEST LAUNDRY RCPT				540	201P	12	3/4"	17	18	12	3/4"	201P			1000	WASHER DRYER RCPT			
DRYER RCPT		1500			201P	12	3/4"	19	20	12	3/4"	201P	160			GUEST LAUNDRY RCPT			
BREAKFAST AREA RCPT			540		201P	12	3/4"	21	22	12	3/4"	201P		180		MAIN LOBBY AREA RCPT			
MAIN LOBBY AREA RCPT				540	201P	12	3/4"	23	24	12	3/4"	201P			540	MAIN LOBBY AREA RCPT			
MAIN LOBBY AREA RCPT		540			201P	12	3/4"	25	26	12	3/4"	201P	360			PAN/PANL			
FACP PANEL		960			201P	12	3/4"	27	28	12	3/4"	201P			720	TREATS SHOP RCPT			
STORAGE RCPT			540		201P	12	3/4"	29	30	12	3/4"	201P			540	MECHANICAL ROOM RCPT			
FACP PANEL		540			201P	12	3/4"	31	32	12	3/4"	201P	540			2ND FLOOR STORAGE RCPT			
2ND FLOOR ELEVATOR LOBBY RCPT			180		201P	12	3/4"	33	34	12	3/4"	201P		180		2ND FLOOR ELEVATOR LOBBY RCPT			
2ND FLOOR ELEVATOR LOBBY RCPT				180	201P	12	3/4"	35	36	12	3/4"	201P			180	2ND FLOOR VENDING RCPT			
2ND FLOOR CORRIDOR RCPT		1260			201P	12	3/4"	37	38	12	3/4"	201P	540			2ND FLOOR STORAGE RCPT			
FITNESS RCPT			500		201P	12	3/4"	39	40	12	3/4"	201P			500	FITNESS RCPT			
FITNESS RCPT			500		201P	12	3/4"	41	42	12	3/4"	201P			500	FITNESS RCPT			
FITNESS RCPT		500			201P	12	3/4"	43	44	12	3/4"	201P	500			FITNESS RCPT			
FITNESS RCPT			500		201P	12	3/4"	45	46	12	3/4"	201P		540		FITNESS RCPT			
FITNESS RCPT			540		201P	12	3/4"	47	48	12	3/4"	201P			500	FIRE/SMOKE DAMPER			
SPACE								49	50	12	3/4"	201P	500			CARD READER			
SPACE								51	52	12	3/4"	201P	500			MAGNETIC DOOR HOLD			
SUBTOTAL VA		0790	3520	4380				53	54					3720	4240	4160	SUBTOTAL VA		
														0780	3520	4380			
														0510	1760	8540			
															2910				
TOTAL NA																			
LOAD		CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD													
LIGHTING		0		1.25		0													
RCPT		25810		AS PER NEC ARTICLE 220.44		17905													
HWC		1		0		0													
MOTOR		1		0		0													
25% LARGEST MOTOR		1		0		0													
MEG-LOAD		1		0		0													
TOTAL LOAD IN VA		25810		1		17905													
TOTAL LOAD IN AMPERE		72		50		37													
TAKING 10% DRIVE CAPACITY IN AMP		72		50		37													
AS PER NEC BREAKER CAPACITY IN AMP		72		50		37													

[illegible]

SERVICE 3 PHASE 4 WIRE				PANEL 1/A-1										MAIN BUS 100A NEUTRAL 100% MANS 85A AC=15.000A			
VOLTAGE 120/208																	
MOUNTING WALL MOUNTED																	
TYPE LOAD CENTRE																	
LOAD DESCRIPTION	PHASE			TRIP POLE	WIRE	CONDUIT	CKT NO.	CKT NO.	WIRE	CONDUIT	TRIP POLE	PHASE			LOAD DESCRIPTION		
	R	Y	B									R	Y	B			
MECHANICAL ROOM LTG.	200			15/1P	12	3/4"	1	2	12	3/4"	15/1P	600			MECHANICAL ROOM LTG.		
STAR - A LTG.		300		15/1P	12	3/4"	3	4	12	3/4"	15/1P		600		CORRIDOR LTG.		
CORRIDOR LTG.			250	15/1P	12	3/4"	5	6	12	3/4"	15/1P			300	POOL AREA LTG.		
POOL AREA LTG.	300			15/1P	12	3/4"	7	8	12	3/4"	15/1P	520			POOL AREA LTG.		
FITNESS AREA LTG.		300		15/1P	13	3/4"	9	10	12	3/4"	15/1P		800		FITNESS AREA LTG.		
BREAK ROOM LTG.			300	15/1P	12	3/4"	11	12	12	3/4"	15/1P			400	CORRIDOR LTG.		
MEETING ROOM LTG.	400			15/1P	12	3/4"	13	14	12	3/4"	15/1P	400			MEETING ROOM LTG.		
MEETING ROOM LTG.		600		15/1P	12	3/4"	15	16	12	3/4"	15/1P		620	200	STORAGE LTG.		
GUEST LAUNDRY LTG.			400	15/1P	12	3/4"	17	18	12	3/4"	15/1P				CORRIDOR LTG.		
STAR - B LTG.	360			15/1P	12	3/4"	19	20	12	3/4"	15/1P	400			PANTRY AREA LTG.		
PANTRY AREA LTG.		100		15/1P	12	3/4"	21	22	12	3/4"	15/1P		400		CORRIDOR LTG.		
SPARE				15/1P	12	3/4"	23	24	12	3/4"	15/1P			100	FRONT DESK LTG.		
VESTIBULE AREA LT G	100			15/1P	12	3/4"	25	26	12	3/4"	15/1P	150			PORCH AREA LTG.		
SALES AREA LTG.		400		15/1P	12	3/4"	27	28	12	3/4"	15/1P		250		EXTENDOR LTG.		
VENDING AREA LTG.			530	15/1P	12	3/4"	29	30	12	3/4"	15/1P			400	CHUTE AREA LTG.		
CORRIDOR LTG.	380			15/1P	12	3/4"	31	32	12	3/4"	15/1P	300			CORRIDOR LTG.		
STORAGE AREA LTG.		600		15/1P	12	3/4"	33	34	12	3/4"	15/1P		400		SECOND FLOOR HIGHTED AREE LTG.		
SECOND FLOOR HIGHTED AREE LTG.			200	15/1P	12	3/4"	35	36							SPACE		
SPACE							37	38							SPACE		
SPACE							39	40							SPACE		
SPACE							41	42							SPACE		
SUBTOTAL VA	1790	2460	1730									2370	3070	1400	SUBTOTAL VA		
												1790	2460	1730			
												4160	5330	3130			
												12820					
LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD														
LIGHTING	12820	AS PER NEC	12820														
RCPT		0.6	0														
HVAC		1	0														
MOTOR		0.7	0														
20% LARGEST MOTOR		1	0														
MISC LOAD		1	0														
TOTAL LOAD IN VA	12820		12820														
TOTAL LOAD IN AMPERE	36		36														
DRAWING THE SPACE CAPACITY IN AMP		41															
AS PER NEC BREAKER CAPACITY IN AMP			51														

[illegible]