

LOAD SERVED	KVA / Phase			CKT BRKR	CKT NO	NEUTRAL A B C	CKT NO	CKT BRKR	KVA / Phase			LOAD SERVED
	A	B	C						A	B	C	
MICROWAVE 1-604	1.20	---	---	1P-20	1		2	1P-20	0.00	---	---	SPARE
REFRIGERATOR 1-604	---	1.20	---	1P-20	3		4	1P-20	---	0.00	---	SPARE
COPIER/PRINTER 1-604	---	---	1.20	1P-20	5		6	1P-20	---	---	0.00	SPARE
SPARE	0.00	---	---	2P-30	7		8		0.00	---	---	
	---	0.00	---		9		10	3P-50	---	0.00	---	SPARE
	---	---	0.00		11		12		---	---	0.00	
SPARE	0.00	---	---	3P-50	13		14		0.00	---	---	
	---	0.00	---		15		16	3P-40	---	0.00	---	SPARE
	---	---	0.00		17		18		---	---	0.00	
SPARE	0.00	---	---	2P-15	19		20	1P-20	0.00	---	---	SPARE
SPARE	---	0.00	---	2P-15	21		22	2P-20	---	0.00	---	SPARE
	---	---	0.00		23		24		---	---	0.00	
	0.00	---	---	1P-20	25		26	1P-20	0.00	---	---	SPARE
SPARE	---	0.00	---	1P-20	27		28	1P-20	---	0.00	---	SPARE
SPARE	---	---	0.00	1P-20	29		30	1P-20	---	---	0.00	SPARE
SPARE	0.00	---	---	1P-20	31		32	1P-20	0.00	---	---	SPARE
SPARE	---	0.00	---	1P-20	33		34	1P-20	---	0.00	---	SPARE
SPARE	---	---	0.00		35		36	1P-20	---	---	0.00	SPARE
	0.00	---	---	3P-20	37		38		0.00	---	---	
	---	0.00	---		39		40	3P-40	---	0.00	---	SPARE
SPARE	---	---	0.00	1P-20	41		42		---	---	0.00	
SUB TOTAL	1.20	1.20	1.20						0.00	0.00	0.00	SUB TOTAL
									1.20	1.20	1.20	TOTAL
C/B TEMP. 75 C. RATING 120 208 V 3 PH 4 WIRE									CONNECTED KVA			LOAD TYPE
									A	B	C	
MOUNTING SURFACE									125%			GENERAL LIGHTING
ISOLATED GROUND BUS									0.00 0.00 0.00			
MAIN CIRCUIT BREAKER									0.00			GENERAL USE RECEPT
SERVICE ENTR. RATED									0.00 0.00 0.00			
MINIMUM AIC (K AMPS)									125%			MOTORS AND EQUIPMENT
MCB RATING 400A									0.00 0.00 0.00			
BUS RATING 400A									100%			DEDICATED RECEPT
NEUTRAL RATING 100%									1.20 1.20 1.20			
NOTE: ALL MOTOR CIRCUIT BREAKERS MUST BE HACR RATED.									TOTAL KVA PER PHASE 1.20 1.20 1.20			TOTAL DEMAND AMPERES PER PHASE
									10 10 10			
												1.20 1.20 1.20
									PANEL / FEEDER (TOTAL KVA)			3.60
EXISTING PANEL '69C'									(TOTAL KVA) X 1000 = TOTAL AMPS			10
									VOLTS X 1.732			

LOAD SERVED				KVA / Phase			CKT NO	NEUTRAL A B C	CKT NO	CKT BRKR	KVA / Phase			LOAD SERVED							
				A	B	C					A	B	C								
RECPT 1-119, 1-129				1.08	---	---	1P-20	1		2	1P-20	1.20	---	---	COPIER/PRINTER 1-129						
RECPT 1-119				---	1.08	---	1P-20	3		4	1P-20	---	1.08	---	RECPT 1-118, 1-119, EXTERIOR						
J-BOX RELOCATED LIFT 1-119				---	---	1.00	1P-20	5		6	1P-20	---	---	1.08	RECPT 1-111, 1-112						
RECPT 1-117 & TASK LTG				1.11	---	---	1P-20	7		8	1P-20	1.08	---	---	RECPT 1-109, 1-111, 1-112						
RECPT 1-116 & TASK LTG				---	1.11	---	1P-20	9		10	1P-20	---	1.11	---	RECPT 1-115 & TASK LTG						
RECPT 1-108, 1-110, 1-114				---	---	0.90	1P-20	11		12	1P-20	---	---	1.20	COPIER/PRINTER 1-105						
RECPT 1-113 & TASK LTG				1.11	---	---	1P-20	13		14	1P-20	1.08	---	---	RECPT 1-105						
RECPT 1-104, 1-106, EXTERIOR				---	1.08	---	1P-20	15		16	1P-20	---	1.00	---	WATER COOLER 1-100						
COPIER/PRINTER 1-104				---	---	1.20	1P-20	17		18	1P-20	---	---	1.00	WATER COOLER 1-100						
COPIER/PRINTER 1-103				1.20	---	---	1P-20	19		20	1P-20	1.00	---	---	PROJECTOR 1-101						
COPIER/PRINTER 1-102				---	1.20	---	1P-20	21		22	1P-20	---	1.20	---	COPIER/PRINTER 1-204						
RECPT 1-102, 1-103				---	---	1.08	1P-20	23		24	1P-20	---	---	1.08	RECPT 1-202						
RECPT 1-000, 1-100, 1-101, 1-104				1.08	---	---	1P-20	25		26	1P-20	1.08	---	---	RECPT 1-204						
RECPT 1-204 & TASK LTG				---	1.04	---	1P-20	27		28	1P-20	---	1.10	---	RECPT 1-201, 1-202 & TASK LTG						
RECPT 1-202				---	---	1.08	1P-20	29		30	1P-20	---	---	1.20	TREADMILL 1-205						
RECPT 1-203, 1-205				0.90	---	---	1P-20	31		32	1P-20	1.20	---	---	COPIER/PRINTER 1-119						
TREADMILL 1-205				---	1.00	---	1P-20	33		34	--	---	0.00	---	SPACE						
RECPT 1-131, 1-132				---	---	1.08	1P-20	35		36	--	---	---	0.00	SPACE						
SPACE				0.00	---	---	--	37		38	--	0.00	---	---	SPACE						
SPACE				---	0.00	---	--	39		40	--	---	0.00	---	SPACE						
SPACE				---	---	0.00	--	41		42	--	---	---	0.00	SPACE						
SUB TOTAL				6.48	6.52	6.34							6.64	5.50	5.56	SUB TOTAL					
										13.12 12.01 11.90						TOTAL					
C/B TEMP. 75 C.				RATING 120 208 V 3 PH 4 WIRE						CONNECTED KVA						NEC FACTOR		DEMAND KVA			
MOUNTING SURFACE										A B C						A B C					
ISOLATED GROUND BUS				YES NO						0.06 0.23 0.00						125% 0.08 0.29 0.00					
MAIN CIRCUIT BREAKER				X YES NO						8.46 7.38 6.30						<=10KVA@100% 3.33 3.33 3.33					
SERVICE ENTR. RATED				YES NO												>10KVA@50% 2.57 2.03 1.49					
MINIMUM AIC (K AMPS)										0.00 0.00 0.00						125% 0.00 0.00 0.00					
MCB RATING 225A										0.00 0.00 0.00						100% 0.00 0.00 0.00					
BUS RATING 225A										4.60 4.40 5.60						100% 4.60 4.40 5.60					
NEUTRAL RATING 100%																					

LOAD SERVED				KVA / Phase			CKT BRKR	CKT NO	NEUTRAL A B C	CKT NO	CKT BRKR	KVA / Phase			LOAD SERVED					
A	B	C	A	B	C															
SPARE	0.00	---	---	2P-30	1		2	1P-20	1.20	---	---	REFRIGERATOR 1-416								
	---	0.00	---		3		4	1P-20	---	1.08	---	RECPT 1-415, 1-416								
SPARE	---	---	0.00		5		6	1P-20	---	---	0.72	RECPT 1-416								
SPARE	0.00	---	---	1P-20	7		8	1P-20	0.93	---	---	RECPT 1-411 & TASK LTG								
SPARE	---	0.00	---		9		10	1P-20	---	0.90	---	RECPT 1-412								
SPARE	---	---	0.00	1P-20	11		12	1P-20	---	---	1.16	RECPT 1-412 & TASK LTG								
SPARE	0.00	---	---	1P-20	13		14	1P-20	1.01	---	---	RECPT 1-412 & TASK LTG								
SPARE	---	0.00	---	1P-20	15		16	1P-20	---	1.20	---	COPIER/PRINTER 1-416								
SPARE	---	---	0.00	1P-20	17		18	1P-20	---	---	1.20	COPIER/PRINTER 1-412								
SPARE	0.00	---	---	1P-20	19		20	1P-20	0.00	---	---	SPARE								
SPARE	---	0.00	---	1P-20	21		22	1P-20	---	0.93	---	RECPT 1-409 & TASK LTG								
SPARE	---	---	0.00	1P-20	23		24	1P-20	---	---	0.93	RECPT 1-408 & TASK LTG								
SPARE	0.00	---	---	1P-20	25		26	1P-20	0.00	---	---	SPARE								
SPARE	---	0.00	---	2P-40	27		28	2P-20	---	0.00	---	SPARE								
	---	---	0.00		29		30		---	---	0.00									
SPARE	0.00	---	---	2P-20	31		32	2P-20	0.00	---	---	SPARE								
	---	0.00	---		33		34		---	0.00	---									
SPARE	---	---	0.00	3P-30	35		36	1P-20	---	---	0.00	SPARE								
	0.00	---	---		37		38	1P-20	0.00	---	---	SPARE								
	---	0.00	---		39		40	1P-20	---	0.00	---	SPARE								
	---	---	0.00		--	41		42	--	---	---	0.00	SPACE							
SUB TOTAL	0.00	0.00	0.00								3.14	4.11	4.02	SUB TOTAL						
												3.14	4.11	4.02	TOTAL					
C/B TEMP. 75 C.				RATING	120	208 V 3 PH 4 WIRE				CONNECTED KVA			NEC DEM FACTOR	DEMAND KVA						
MOUNTING SURFACE							LOAD TYPE			A	B	C		A	B	C				
ISOLATED GROUND BUS							GENERAL LIGHTING			0.14	0.03	0.12	125%	0.18	0.04	0.15				
MAIN CIRCUIT BREAKER							GENERAL USE													
SERVICE ENTR. RATED							RECEPT			1.80	2.88	2.70	<=10 KVA@100%	1.80	2.88	2.70				
MINIMUM AIC (K AMPS)							MOTORS AND EQUIPMENT			LARGEST	0.00	0.00	0.00	>10KVA@50%	0.00	0.00	0.00			
MCB RATING 225A							EQUIPMENT			ALL OTHERS	0.00	0.00	0.00	125%	0.00	0.00	0.00			
BUS RATING 225A							DEDICATED RECEPT			1.20	1.20	1.20	100%	1.20	1.20	1.20				
NEUTRAL RATING 100%																				
NOTE: ALL MOTOR CIRCUIT BREAKERS MUST BE HACR RATED.												TOTAL KVA PER PHASE			3.14	4.11	4.02	3.18	4.12	4.05
												TOTAL DEMAND AMPERES PER PHASE						27	34	34
												PANEL / FEEDER (TOTAL KVA)								11.35
												(TOTAL KVA) X 1000 = TOTAL AMPS								
												VOLTS X 1.732								