PANEL: HBK 3 PHASE 4 WIRE MINIMUM PANEL A/C LUGS AMPERE MAIN : LUGS
VOLTS: 277 LTO N. 14,000 400 AMPERE MAIN BUS
480 L.TO L. NEW PANEL
LOCATION: MAIN KITCHEN MOUNTING: SURFACE LOAD: 183.2 (KVA) 223.1 A.

CKT	VA LOAD A	VA LOAD B	VA LOAD C	LOAD DESCRIPTION	ORIENT	RECEPT	LIGHT	LIGHT	PANEL	TRANSF	BUS SIZE	TRANSF P	POLES P	LIGHT S	LIGHT S	RECEPT S	OVERCURRENT	LOAD DESCRIPTION	VA LOAD A	VA LOAD B	VA LOAD C	CKT
1	2106			POWER WASH (B1)	1		3	20		30	3						1	DISH MACHINE (1-32)	6817			2
3		2106		-	1		-	-		-	-						1	-		6817		4
5			2106	-	1		-	-		-	-						1	-			6817	6
7	416			SCRAPER (B1)	1		3	15		40	3						1	DISH MACHINE(1-195)	7482			8
9		416		-	1		-	-		-	-						1	-		7482		10
11	1801			DISH MACHINE (1-32)	1		-	-		-	-						1	-			7482	12
13		1801		MIXER (J0)	1		3	20		30	3						1	BSTR HEATER (1-195)	5985			14
15			1801	-	1		-	-		-	-						1	-		5985		16
17				SPARE	1		3	20		20	3						1	SPARE			5985	18
19				SPARE	1		3	20		20	3						1	SPARE				20
21				-			-	-		-	-							-				22
23				-			-	-		-	-							-				24
25				SPARE			3	20		20	3						1	SPARE				26
27				-			-	-		-	-							-				28
29				–SPACE–			1	20		-	-						1	SPARE				30
31				–SPACE–			1	20		-	-						1	SPARE				32
33				–SPACE–			1	20		-	-						1	SPARE				34
35				–SPACE–			1	20		-	-						1	SPARE				36
37				–SPACE–			1	20		150	3						1	XFMR TB#	36804			38
39				–SPACE–			1	20		-	-						1	-		37181		40
41				–SPACE–			1	20		-	-						1	-			35376	42
	4323	4323	4323	SUB-TOTAL														SUB-TOTAL	57088	57465	55660	

LINE TOTALS	61411	61788	59983
LCL ADDER	0	0	0
TOTAL VA'S	61411	61788	59983
LINE AMPS	222	223	217
TOTAL KVA LOAD	////	183.2	////

NOTES:
FEED FROM: MSH FEEDER: MSH-18
PROVIDE C.B. HANDLE CLIPS AS REQUIRED, FOR MUTIPLE HOTS WITH A COMMON NEUTRAL; (3) HOTS, (1) NEUT.-3P CLIP, (2) HOTS, (1)NEUT.-2P CLIP

PANEL: HRE 3 PHASE 4 WIRE MINIMUM PANEL A/C LUGS AMPERE MAIN : LUGS
VOLTS: 277 LTO N. 14,000 225 AMPERE MAIN BUS
480 L.TO L. NEW PANEL
LOCATION: ROOF ELECT RM MOUNTING: SURFACE LOAD: 56.9 (KVA) 78.5 A.

CKT	VA LOAD A	VA LOAD B	VA LOAD C	LOAD DESCRIPTION	ORIENT	RECEPT	LIGHT	LIGHT	PANEL	TRANSF	BUS SIZE	TRANSF P	POLES P	LIGHT S	LIGHT S	RECEPT S	OVERCURRENT	LOAD DESCRIPTION	VA LOAD A	VA LOAD B	VA LOAD C	CKT
1	2000			5TH FLR LTG	1		1	20		20	1							SPARE				2
3		2000		6TH FLR LTG	1		1	20		20	1							SPARE				4
5			7399	DISH MACHINE (2-26)	1		3	40		20	1							SPARE				6
7	7399			-	1		-	-		20	1							SPARE				8
9		7399		-	1		-	-		20	1							SPARE				10
11				SPARE			1	20		20	1							SPARE				12
13				SPARE			1	20		20	1							SPARE				14
15				SPARE			1	20		20	1							SPARE				16
17				SPARE			1	20		20	1							SPARE				18
19				SPARE			1	20		20	1							SPARE				20
21				SPARE			1	20		20	1							SPARE				22
23				SPARE			1	20		20	1							SPARE				24
25	1200			7TH FLR INT LTG	1		1	20		20	1							SPARE				26
27		800		7TH FLR EXT LTG	1		1	20		20	1							SPARE				28
29			1200	7TH FLR EXT LTG	1		1	20		20	1							SPARE				30
31	1000			7TH FLR EXT LTG	1		1	20		20	1							SPARE				32
33				SPARE			1	20		20	1							SPARE				34
35				SPARE			1	20		20	1							SPARE				36
37				SPARE			1	20		90	1		1					TRUE TR	9351			38
39				SPARE			1	20		-	1		1					-		6488		40
41				SPARE			1	20		-	1		1					-			8159	42
	1199	10199	8599	SUB-TOTAL														SUB-TOTAL	9351	6488	8159	

LINE TOTALS	20950	16697	17718
LCL ADDER	0	0	0
TOTAL VA'S	21750	17387	17718
LINE AMPS	79	63	64
TOTAL KVA LOAD	////	56.9	////

NOTES:
FEED FROM: HR FEEDER: HR-4
PROVIDE C.B. HANDLE CLIPS AS REQUIRED, FOR MUTIPLE HOTS WITH A COMMON NEUTRAL; (3) HOTS, (1) NEUT.-3P CLIP, (2) HOTS, (1)NEUT.-2P CLIP

PANEL: LB4E 3 PHASE 4 WIRE MINIMUM PANEL A/C LUGS AMPERE MAIN : LUGS
VOLTS: 120 LTO N. 14,000 100 AMPERE MAIN BUS
208 L.TO L. NEW PANEL
LOCATION: 84 ELECT RM MOUNTING: SURFACE LOAD: 15.4 (KVA) 61.2 A.

CKT	VA LOAD A	VA LOAD B	VA LOAD C	LOAD DESCRIPTION	ORIENT	RECEPT	LIGHT	LIGHT	PANEL	TRANSF	BUS SIZE	TRANSF P	POLES P	LIGHT S	LIGHT S	RECEPT S	OVERCURRENT	LOAD DESCRIPTION	VA LOAD A	VA LOAD B	VA LOAD C	CKT
1	280			P4 ELEV. RECEPTS		1	1	20		20	1							–SPACE–				2
3		360		P4, P3 MECH RECPT		2	1	20		20	1							–SPACE–				4
5			360	P4, P3 MECH RECPT		2	1	20		20	1							–SPACE–				6
7	540			P4, P3 MECH RC		3	1	20		20	1							–SPACE–				8
9		540		P4, P3 MECH RC		3	1	20		20	1							–SPACE–				10
11			3000	EWH-1		1	1	30		20	1		1					P4 RECEPTS		1500		12
13	500			FIRE ALARM PS		1	1	20		20	1							SPARE				14
15		500		FIRE ALARM PS		1	1	20		20	1		2					P3 RECEPTS		360		16
17			280	P4 ELEV. PIT 6		1	1	20		20	1		1					P4 ELEV. PIT 8			280	18
19	280			P4 ELEV. PIT 7		1	1	20		20	1		1					P4 ELEV. PIT 9	280			20
21		460		ELEV. ELTG CTRL		1	2	1		20	1		2					ELEV. ELTG. CTRL		460		22
23			460	ELEV. 7 LTG. CTRL		1	2	1		20	1		2					ELEV. ELTG. CTRL			460	24
25	500			SPARE			1	15		15	1		1					EF-P4-1	500			26
27		500		EF-P3-3			1	15		15	1		1					EF-P4-3		500		28
29			500	EF-P3-1			1	15		15	1		1					EF-P4-5			500	30
31	500			EF-P2-1			1	15		15	1		1					EF-P4-7	500			32
33		500		EF-P2-2			1	15		20	1							SPARE				34
35				SPARE			1	20		20	1							SPARE				36
37				SPARE			1	20		20	1							SPARE				38
39				SPARE			1	20		20	1							SPARE				40
41				SPARE			1	20		20	1							SPARE				42
	2600	2860	4800	SUB-TOTAL														SUB-TOTAL	1280	1320	2740	

LINE TOTALS	3880	4180	7340
LCL ADDER	0	0	0
TOTAL VA'S	3880	4180	7340
LINE AMPS	32	35	61
TOTAL KVA LOAD	////	15.4	////

NOTES:
FEED FROM: LBW FEEDER: LBW-4
PROVIDE C.B. HANDLE CLIPS AS REQUIRED, FOR MUTIPLE HOTS WITH A COMMON NEUTRAL; (3) HOTS, (1) NEUT.-3P CLIP, (2) HOTS, (1)NEUT.-2P CLIP

PANEL: LBWA 3 PHASE 4 WIRE MINIMUM PANEL A/C LUGS AMPERE MAIN : LUGS
VOLTS: 120 LTO N. 14,000 225 AMPERE MAIN BUS
208 L.TO L. NEW PANEL
LOCATION: B1 ELECT RM MOUNTING: SURFACE LOAD: 47.9 (KVA) 140.3 A.

CKT	VA LOAD A	VA LOAD B	VA LOAD C	LOAD DESCRIPTION	ORIENT	RECEPT	LIGHT	LIGHT	PANEL	TRANSF	BUS SIZE	TRANSF P	POLES P	LIGHT S	LIGHT S	RECEPT S	OVERCURRENT	LOAD DESCRIPTION	VA LOAD A	VA LOAD B	VA LOAD C	CKT
1				SPARE			1	20		20	1							SPARE				2
3		360		SPARE			1	20		20	1		2					P1 ADMIN RECEPT		360		4
5			360	SPARE			1	20		20	1		2					P1 ADMIN RECEPT			360	6
7				SPARE			1	20		20	1		6					IT OFFICE	1080			8
9		360		P2 RECEPTACLES		2	1	20		20	1		1					BLOCK HEATER		500		10
11			900	SPARE			1	20		20	1		1					BATTERY CHARGER			500	12
13	1500			P2 MECH RECEPT		1	1	20		20	1		6					ENGYG. OFFICE	1080			14
15		900		P2,P1 MECH RECEPT		5	1	20		20	1		6					ENGYG. OFFICE		1080		16
17			360	P2 MECH RECEPT		2	1	20		20	1		3					P1 RECEPTACLES			540	18
19	360			P1 RECEPTACLES		2	1	20		20	1		1					MPOE RECEPT	1500			20
21		720		LAUNDRY RECEPT		4	1	20		20	1		1					MPOE RECEPT		1500		22
23			480	SPARE			1	20		20	1		1					MPOE RECEPT			1500	24
25	500			SPARE			1	20		20	1		4					P1 ADMIN RECEPT	720			26
27		500		EF-P3-3			1	15		15	1		1					P1 ADMIN RECEPT		540		28
29			720	P1 ADMIN RECEPT		4	1	20		20	1		3					P1 ADMIN RECEPT			540	30
31	540			P1 ADMIN RECEPT		3	1	20		20	1		3					P1 ADMIN RECEPT	900			32
33		540		P1 ADMIN RECEPT		3	1	20		20	1		4					P1 ADMIN RECEPT		720		34
35			280	P1 ADMIN COPIER		1	1	20		20	1		1					P1 ADMIN COPIER			1500	36
37	720			LOUNGE RECEPT		4	1	20		100	3		1					PANEL LBWA1	7228			38
39		720		LOUNGE RECEPT		4	1	20		-	-		1					-		8964		40
41			1500	DRINK FOUNTAIN			1	20		-	-		1					-			6672	42
	3120	3240	3760	SUB-TOTAL														SUB-TOTAL	12508	13664	11612	

LINE TOTALS	15628	16904	15372
LCL ADDER	0	0	0
TOTAL VA'S	15628	16904	15372
LINE AMPS	130	141	128
TOTAL KVA LOAD	////	47.9	////

NOTES:
FEED FROM: LBW FEEDER: LBW-1
PROVIDE C.B. HANDLE CLIPS AS REQUIRED, FOR MUTIPLE HOTS WITH A COMMON NEUTRAL; (3) HOTS, (1) NEUT.-3P CLIP, (2) HOTS, (1)NEUT.-2P CLIP

PANEL: LBWA1 3 PHASE 4 WIRE MINIMUM PANEL A/C LUGS AMPERE MAIN : LUGS
VOLTS: 120 LTO N. 14,000 100 AMPERE MAIN BUS
208 L.TO L. NEW PANEL
LOCATION: B1 ELECT RM MOUNTING: SURFACE LOAD: 22.9 (KVA) 74.7 A.

CKT	VA LOAD A	VA LOAD B	VA LOAD C	LOAD DESCRIPTION	ORIENT	RECEPT	LIGHT	LIGHT	PANEL	TRANSF	BUS SIZE	TRANSF P	POLES P	LIGHT S	LIGHT S	RECEPT S	OVERCURRENT	LOAD DESCRIPTION	VA LOAD A	VA LOAD B	VA LOAD C	CKT
1	360			P1 ELEV. RECEPTS		2	1	20		20	1		3					P1 RECEPTACLES	540			2
3		900		P1 RECEPTACLES		5	1	20		20	1							P1 REFRIGERATOR		1500		4
5			900	P1 RECEPTACLES		5	1	20		20	1		3					P1 RECEPTACLES			540	6
7	540			P1 RECEPTACLES		3	1	20		20	1							ELEV #2,#3 LTG.CTRL	500			8
9		540		P1 RECEPTACLES		3	1	20		20	1							EF-P1-3		1008		10
11			540	P1 RECEPTACLES		3	1	20		20	1							EF- EMERG. ELECT			1008	12
13				SPARE			1	20		20	1							EF STORAGE P128	1008			14
15		280		ELEV. RM RECEPT.		1	1	20		20	1							SF-1 LAUNDRY		1008		16
17			280	ELEV. RM RECEPT.		1	1	20		20	1							ELEV. #4 LTG.CTRL			500	18
19	280			ELEV. RM RECEPT.		1	1	20		20	1		5					LANDMARK B1 REC	1100			20
21		720		P1 OFFICE RECEPT		4	1	20		20	1							SF-1,T1 (1/8HP)		1008		22
23			900	P1 OFFICE RECEPT		5	1	20		15	1							EF-L2,L3 (1/8HP)			4	24
25	900			P1 OFFICE RECEPT		5	1	20		20	1											26
27		1000		P1 DINING VENDING		1	1	20		20	1											28
29			1000	P1 DINING VENDING		1	1	20		20	1											30
31	1000			P1 DINING SODA FTN		1	1	20		20	1											32
33		1000		P1 DINING COFFEE STN		1	1	20		20	1											34
35			1000	P1 DINING TOASTER		1	1	20		20	1											36
37	1000			P1 DINING MICROWAVE		1	1	20		20	1											38
39							1	20		20	1											40
41							1	20		20	1											42
	4080	4440	4620	SUB-TOTAL														SUB-TOTAL	3148	4524	2052	

LINE TOTALS	7228	8964	6672
LCL ADDER	0	0	0
TOTAL VA'S	7228	8964	6672
LINE AMPS	60	75	56
TOTAL KVA LOAD	////	22.9	////

NOTES:
FEED FROM: LBWA FEEDER: LBW-1A
PROVIDE C.B. HANDLE CLIPS AS REQUIRED, FOR MUTIPLE HOTS WITH A COMMON NEUTRAL; (3) HOTS, (1) NEUT.-3P CLIP, (2) HOTS, (1)NEUT.-2P CLIP

PANEL: L1E 3 PHASE 4 WIRE MINIMUM PANEL A/C LUGS AMPERE MAIN : LUGS
VOLTS: 120 LTO N. 14,000 100 AMPERE MAIN BUS
208 L.TO L. NEW PANEL
LOCATION: 1ST FLR ELECT MOUNTING: SURFACE LOAD: 11.8 (KVA) 37.3 A.

CKT	VA LOAD A	VA LOAD B	VA LOAD C	LOAD DESCRIPTION	ORIENT	RECEPT	LIGHT	LIGHT	PANEL	TRANSF	BUS SIZE	TRANSF P	POLES P	LIGHT S	LIGHT S	RECEPT S	OVERCURRENT	LOAD DESCRIPTION	VA LOAD A	VA LOAD B	VA LOAD C	CKT
1	360			MTG RM A RECEPT		2	1	20		20	1		3					MTG RM B RECEPT	540			2
3		540		MTG RM A RECEPT		3	1	20		20	1		2					MTG RM B RECEPT		360		4
5			540	MTG RM A RECEPT		3	1	20		20	1		3					MTG RM B RECEPT			540	6
7	1500			MDF ROOM RECEPT		1	1	20		20	1											8
9		1500		MDF ROOM RECEPT		1	1	20		20	1											10
11			1500	MTG RM B RECEPT		1	1	20		20	1											12
13	1000			FACP		1	1	20		20	1											14
15		540		FIRE CONTROL REC.		3	1	20		20	1											16
17			900	GEN. RECEPTS		5	1	20		20	1											18
19	1080			GEN. RECEPTS		6	1	20		20	1											20
21		360		GEN. RECEPTS		2	1	20		20	1											22
23			540	GEN. RECEPTS		3	1	20		20	1											24
25							1	20		20	1											26
27							1	20		20	1											28
29							1	20		20	1											30
31							1	20		20	1											32
33							1	20		20	1											34
35							1	20		20	1											36
37							1	20		20	1											38
39							1	20		20	1											40
41							1	20		20	1											42
	3940	2940	3480	SUB-TOTAL														SUB-TOTAL	540	360	540	

LINE TOTALS	4480	3300	4020
LCL ADDER	0	0	0
TOTAL VA'S	4480	3300	4020
LINE AMPS	37	28	34
TOTAL KVA LOAD	////	11.8	////

NOTES:
FEED FROM: LBW FEEDER: LBW-2
PROVIDE C.B. HANDLE CLIPS AS REQUIRED, FOR MUTIPLE HOTS WITH A COMMON NEUTRAL; (3) HOTS, (1) NEUT.-3P CLIP, (2) HOTS, (1)NEUT.-2P CLIP

PANEL: L3EA 3 PHASE 4 WIRE MINIMUM PANEL A/C LUGS AMPERE MAIN : LUGS
VOLTS: 120 LTO N. 14,000 225 AMPERE MAIN BUS
208 L.TO L. NEW PANEL
LOCATION: 3RD FLOOR ELECT MOUNTING: SURFACE LOAD: 41.1 (KVA) 114.2 A.

CKT	VA LOAD A	VA LOAD B	VA LOAD C	LOAD DESCRIPTION	ORIENT	RECEPT	LIGHT	LIGHT	PANEL	TRANSF	BUS SIZE	TRANSF P	POLES P	LIGHT S	LIGHT S	RECEPT S	OVERCURRENT	LOAD DESCRIPTION	VA LOAD A	VA LOAD B	VA LOAD C	CKT
1	979			SUITE 215, 315, 415			1	20		20	1					1		SUITE 217, 317, 417		979		2
3		979		SUITE 215, 315, 415			1	20		20	1					1		SUITE 217, 317, 417			979	4
5			979	SUITE 215, 315, 415			1	20		20	1					1		SUITE 217, 317, 417	979			6
7	979			SUITE 219,319,419			1	20		20	1					1		SUITE 221, 321, 421		979		8
9		979		SUITE 219, 319, 419			1	20		20	1					1		SUITE 221, 321, 421	979			10
11			979	SUITE 217, 317, 417			1	20		20	1					1		SUITE 221, 321, 421			979	12
13	979			SUITE 223, 323, 423			1	20		20	1					1		SUITE 225, 325, 425		979		14
15		979		SUITE 223, 323, 423			1	20		20	1					1		SUITE 225, 325, 425	979			16
17			979	SUITE 223, 323, 423			1	20		20	1					1		SUITE 225, 325, 425			979	18
19	979			SUITE 227, 327, 427			1	20		20	1					1		SUITE 229, 329, 429		979		20
21		979		SUITE 227, 327, 427			1	20		20	1					1		SUITE 229, 329, 429	979			22
23			979	SUITE 227, 327, 427			1	20		20	1					1		SUITE 229, 329, 429			979	24
25	979			SUITE 211, 311, 411			1	20		20	1					1		SUITE 209, 309, 409		979		26
27		979		SUITE 211, 311, 411			1	20		20	1					1		SUITE 209, 309, 409	979			28
29			979	SUITE 211, 311, 411			1	20		20	1					1		SUITE 209, 309, 409			979	30
31	979			SUITE 213, 313, 413			1	20		20	1					1		SUITE 208, 308, 408		979		32
33		979		SUITE 213, 313, 413			1	20		20	1					1		SUITE 208, 308, 408	979			34
35			979	SUITE 213, 313, 413			1	20		20	1					1		SUITE 208, 308, 408			979	36
37	979			SUITE 211, 307, 407			1	20		20	1					1		SUITE 206, 306, 406		979		38
39		979		SUITE 211, 307, 407			1	20		20	1					1		SUITE 206, 306, 406	979			40
41			979	SUITE 211, 307, 407			1	20		20	1					1		SUITE 206, 306, 406			979	42
	6853	6853	6853	SUB-TOTAL														SUB-TOTAL	6853	6853	6853	

LINE TOTALS	13706	13706	13706
LCL ADDER	0	0	0
TOTAL VA'S	13706	13706	13706
LINE AMPS	114	114	114
TOTAL KVA LOAD	////	41.1	////

NOTES: Total Units: 42
Total Sqft: 18,270
1st 20KVA: 10,000VA
20.1Kva = 100Kva: 6,819VA
Misc: 24,480VA
FEED FROM: LBW FEEDER: LBW-2
PROVIDE C.B. HANDLE CLIPS AS REQUIRED, FOR MUTIPLE HOTS WITH A COMMON NEUTRAL; (3) HOTS, (1) NEUT.-3P CLIP, (2) HOTS, (1)NEUT.-2P CLIP

PANEL: L3EA1 3 PHASE 4 WIRE MINIMUM PANEL A/C LUGS AMPERE MAIN : LUGS
VOLTS: 120 LTO N. 14,000 225 AMPERE MAIN BUS
208 L.TO L. NEW PANEL
LOCATION: 3RD FLOOR ELECT MOUNTING: SURFACE LOAD: 16.5 (KVA) 45.8 A.

CKT	VA LOAD A	VA LOAD B	VA LOAD C	LOAD DESCRIPTION	ORIENT	RECEPT	LIGHT	LIGHT	PANEL	TRANSF	BUS SIZE	TRANSF P	POLES P	LIGHT S	LIGHT S	RECEPT S	OVERCURRENT	LOAD DESCRIPTION	VA LOAD A	VA LOAD B	VA LOAD C	CKT
1	510			SUITE 205,305,405			1			20	1					1		SUITE 303,403	510			2
3		510		SUITE 205,305,405			1			20	1					1		SUITE 303,403		510		4
5			510	SUITE 205,305,405			1			20	1					1		SUITE 303,403			510	6
7	510			SUITE 302,402			1			20	1					1		SUITE 304,404	510			8
9		510		SUITE 302,402			1			20	1					1		SUITE 304,404		510		10
11			510	SUITE 303,403			1			20	1					1		SUITE 304,404			510	12
13	510			SUITE 231,331,431			1			20	1					1		SUITE 233,333,433	510			14
15		510		SUITE 231,331,431			1			20	1					1		SUITE 233,333,433		510		16
17			510	SUITE 231,331,431			1			20	1					1		SUITE 233,333,433			510	18
19	510			SUITE 235,335,435			1			20	1					1		SUITE 237,337,437	510			20
21		510		SUITE 235,335,435			1			20	1					1		SUITE 237,337,437		510		22
23			510	SUITE 235,335,435			1			20	1					1		SUITE 237,337,437			510	24
25	360			2ND FLOOR ELECT RM RECEPTS		2	1			20	1					3		2ND FLOOR HOUSE KEEPING	540			26
27		360		2ND FLOOR ELECT RM RECEPTS		2	1			20	1					3		3RD FLOOR HOUSE KEEPING		540		28
29			360	4TH FLOOR