

PANEL: LM1
LOCATION: MECHANICAL 1 M1 **VOLTS:** 120/208 Wye **MAINS RATING:** 225 A
SUPPLY FROM: LMDP **PHASE:** 3 **NEUTRAL RATING:** 225 A
PNL TYPE: NQ **WIRE:** 4 **KAIC RATING:** 10
ENCLOSURE: SURFACE

CKT	DESCRIPTION	TRIP	POLES	PHASE A (kVA)	PHASE B (kVA)	PHASE C (kVA)	POLES	TRIP	DESCRIPTION	CKT	
1	VV-401 - VV-406	20 A	1	0.6	0.6		1	20 A	VV-407 - VV-412	2	
3	VV-501 - VV-507	20 A	1		0.7	0.7	1	20 A	F-4	4	
5	F-5	20 A	1			0.7	0.3	1	20 A	F-6	6
7	F-8	20 A	1	0.3	0.7			1	20 A	F-DISH	8
9	F-MECH	20 A	2		1.4	1.3		3	20 A	EUH-1	10
11	--	--	--			1.4	1.3	--	--	--	12
13	WH-1	20 A	2	1	1.3			--	--	--	14
15	--	--	--		1	1		2	20 A	WH-1	16
17	BOILER-1	30 A	1			2.4	1	--	--	--	18
19	BOILER-2	30 A	1	2.4	1.4			2	20 A	DSS-1	20
21	F-9	20 A	1		0.5	1.4		--	--	--	22
23	PARKING LOT LIGHTS	20 A	1			1.5	1.5	1	20 A	PARKING LOT LIGHTS	24
25	TIME CLOCK	20 A	1	0	2			3	30 A	DBP-1 CONTROL PANEL	26
27	WATER SOFTENER CONTROL PANEL	20 A	1		0.5	2		--	--	--	28
29	POWER DOOR OPENER	20 A	1			0.5	2	--	--	--	30
31	SPARE	20 A	1	0	0.3			1	20 A	FAN F-10	32
33	LIGHT TRACK	20 A	1		1.2	1.2		1	20 A	LIGHT TRACK	34
35	LIGHT TRACK	20 A	1		1.2	1.2		1	20 A	LIGHT TRACK	36
37	DDC PANEL	20 A	1	0.5	0			1	20 A	SPARE	38
39	PARKING LOT LIGHTS	20 A	1		1.5	0		1	20 A	SPARE	40
41	PARKING LOT LIGHTS	20 A	1			1.5	0	1	20 A	SPARE	42
TOTAL LOAD:				11.1 kVA	14.3 kVA	16.5 kVA					
TOTAL AMPS:				92 A	124 A	142 A					

LEGEND:
KAIC STANDS FOR 1000 AMPS INTERRUPTING CURRENT.

NOTES:

PANEL: LM2
LOCATION: ELECTRICAL 2 M2 **VOLTS:** 120/208 Wye **MAINS RATING:** 100 A
SUPPLY FROM: LMDP **PHASE:** 3 **NEUTRAL RATING:** 100 A
PNL TYPE: NQ **WIRE:** 4 **KAIC RATING:** 10
ENCLOSURE: SURFACE

CKT	DESCRIPTION	TRIP	POLES	PHASE A (kVA)	PHASE B (kVA)	PHASE C (kVA)	POLES	TRIP	DESCRIPTION	CKT	
1	VV-101 - VV-106	20 A	1	0.6	0.5		1	20 A	VV-201 - VV-205	2	
3	VV-206 - VV-210	20 A	1		0.5	0.6		1	20 A	VV-301 - VV-306	4
5	F-1	20 A	1			0.7	0.7	1	20 A	F-2	6
7	F-3	20 A	1	1.1	0.3			1	20 A	F-7	8
9	EUH-1	20 A	3		1.3	0		1	20 A	SPARE	10
11	--	--	--			1.3	0	1	20 A	SPARE	12
13	--	--	--	1.3	0			1	20 A	SPARE	14
15	SPARE	20 A	1		0	0		1	20 A	SPARE	16
17	SPARE	20 A	1			0	0	1	20 A	SPARE	18
19	SPARE	20 A	1	0	0			1	20 A	SPARE	20
21	SPARE	20 A	1		0	0		1	20 A	SPARE	22
23	SPARE	20 A	1			0	0	1	20 A	SPARE	24
25	SPARE	20 A	1	0	0			1	20 A	SPARE	26
27	SPARE	20 A	1		0	0		1	20 A	SPARE	28
29	SPARE	20 A	1			0	0	1	20 A	SPARE	30
31	SPARE	20 A	1	0	0			1	20 A	SPARE	32
33	SPACE	--	--		0	0		--	--	SPACE	34
35	SPACE	--	--			0	0	--	--	SPACE	36
37	SPACE	--	--	0	0			--	--	SPACE	38
39	SPACE	--	--		0	0		--	--	SPACE	40
41	SPACE	--	--			0	0	--	--	SPACE	42
TOTAL LOAD:				3.9 kVA	2.4 kVA	2.7 kVA					
TOTAL AMPS:				33 A	20 A	23 A					

LEGEND:
KAIC STANDS FOR 1000 AMPS INTERRUPTING CURRENT.

NOTES:

PANEL: HM1
LOCATION: MECHANICAL 1 M1 **VOLTS:** 480/277 Wye **MAINS RATING:** 400 A
SUPPLY FROM: MDP **PHASE:** 3 **NEUTRAL RATING:** 400 A
PNL TYPE: NE **WIRE:** 4 **KAIC RATING:** 18
ENCLOSURE: SURFACE

CKT	DESCRIPTION	TRIP	POLES	PHASE A (kVA)	PHASE B (kVA)	PHASE C (kVA)	POLES	TRIP	DESCRIPTION	CKT	
1	FP-401	20 A	1	0.8	0.8		1	20 A	FP-402	2	
3	FP-403	20 A	1		0.8	1.1		1	20 A	FP-404	4
5	FP-405	20 A	1			0.8	0.8	1	20 A	FP-406	6
7	FP-501	20 A	1	1.1	0.8			1	20 A	FP-502	8
9	FP-503	20 A	1		0.8	0.8		1	20 A	FP-504	10
11	FP-505	20 A	1			1.1	0.6	3	20 A	F-KIT	12
13	CP	30 A	3	5	0.6			--	--	--	14
15	--	--	--		5	0.6		--	--	--	16
17	--	--	--			5	6.3	3	40 A	CWP	18
19	HWP-1	30 A	3	5	6.3			--	--	--	20
21	--	--	--		5	6.3		--	--	--	22
23	--	--	--			5	5	3	30 A	HWP-2	24
25	MAU-1	20 A	3	1.4	5			--	--	--	26
27	--	--	--		1.4	5		--	--	--	28
29	--	--	--			1.4	8.4	3	50 A	RAH-2	30
31	RAH-3	70 A	3	11.7	8.4			--	--	--	32
33	--	--	--		11.7	8.4		--	--	--	34
35	--	--	--			11.7	0	1	20 A	SPARE	36
37	SPARE	20 A	1	0	0			1	20 A	SPARE	38
39	SPARE	20 A	1		0	0		1	20 A	SPARE	40
41	SPARE	20 A	1			0	0	1	20 A	SPARE	42
TOTAL LOAD:				46.9 kVA	46.9 kVA	46.1 kVA					
TOTAL AMPS:				170 A	170 A	166 A					

LEGEND:
KAIC STANDS FOR 1000 AMPS INTERRUPTING CURRENT.

NOTES:

PANEL: HM2
LOCATION: ELECTRICAL 2 M2 **VOLTS:** 480/277 Wye **MAINS RATING:** 250 A
SUPPLY FROM: MDP **PHASE:** 3 **NEUTRAL RATING:** 250 A
PNL TYPE: NE **WIRE:** 4 **KAIC RATING:** 18
ENCLOSURE: SURFACE

CKT	DESCRIPTION	TRIP	POLES	PHASE A (kVA)	PHASE B (kVA)	PHASE C (kVA)	POLES	TRIP	DESCRIPTION	CKT	
1	FP-101	20 A	1	0.8	0.8		1	20 A	FP-102	2	
3	FP-103	20 A	1		0.8	0.8		1	20 A	FP-104	4
5	FP-105	20 A	1			0.8	0.8	1	20 A	FP-106	6
7	FP-107	20 A	1	0.8	0.8			1	20 A	FP-108	8
9	FP-109	20 A	1		0.8	0.8		1	20 A	FP-110	10
11	FP-111	20 A	1			0.8	0.8	1	20 A	FP-112	12
13	FP-113	20 A	1	0.8	0.8			1	20 A	FP-201	14
15	FP-202	20 A	1		0.8	0.8		1	20 A	FP-203	16
17	FP-204	20 A	1		0.8	0.8		1	20 A	FP-205	18
19	FP-206	20 A	1	0.8	0.8			1	20 A	FP-207	20
21	FP-208	20 A	1		0.8	0.8		1	20 A	FP-209	22
23	FP-210	20 A	1		0.8	0.8		1	20 A	FP-211	24
25	FP-301	20 A	1	0.8	0.8			1	20 A	FP-302	26
27	FP-303	20 A	1		0.8	0.8		1	20 A	FP-304	28
29	FP-305	20 A	1		0.8	0.8		1	20 A	FP-306	30
31	FP-307	20 A	1	0.8	1.1			1	20 A	FP-308	32
33	FP-309	20 A	1		1.1	0.8		1	20 A	FP-310	34
35	FP-311	20 A	1			0.8	9	3	50 A	RAH-1	36
37	SPARE	20 A	1	0	9			--	--	--	38
39	SPARE	20 A	1		0	9		--	--	--	40
41	SPARE	20 A	1			0	0	1	20 A	SPARE	42
TOTAL LOAD:				18.8 kVA	18.8 kVA	17.7 kVA					
TOTAL AMPS:				69 A	69 A	64 A					

LEGEND:
KAIC STANDS FOR 1000 AMPS INTERRUPTING CURRENT.

NOTES:

PANEL: HM3
LOCATION: MECHANICAL 1 M1 **VOLTS:** 480/277 Wye **MAINS RATING:** 400 A
SUPPLY FROM: MDP **PHASE:** 3 **NEUTRAL RATING:** 400 A
PNL TYPE: NE **WIRE:** 4 **KAIC RATING:** 18
ENCLOSURE: SURFACE

CKT	DESCRIPTION	TRIP	POLES	PHASE A (kVA)	PHASE B (kVA)	PHASE C (kVA)	POLES	TRIP	DESCRIPTION	CKT	
1	RAH-4	40 A	3	7.2	7.2			3	40 A	RAH-5	2
3	--	--	--		7.2	7.2		--	--	--	4
5	--	--	--			7.2	7.2	--	--	--	6
7	RAH-CAF	40 A	3	7.2	3.3			3	30 A	RAH-KIT	8
9	--	--	--		7.2	3.3		--	--	--	10
11	--	--	--			7.2	3.3	--	--	--	12
13	RAH-CAF	40 A	3	3.9	0			3	40 A	SPARE	14
15	--	--	--		3.9	0		--	--	--	16
17	--	--	--			3.9	0	--	--	--	18
19	SPARE	40 A	3	0	0			3	30 A	SPARE	20
21	--	--	--		0	0		--	--	--	22
23	--	--	--			0	0	--	--	--	24
25	SPARE	20 A	1	0	0			1	20 A	SPARE	26
27	SPARE	20 A	1		0	0		1	20 A	SPARE	28
29	SPARE	20 A	1			0	0	1	20 A	SPARE	30
31	SPARE	20 A	1	0	0			1	20 A	SPARE	32
33	SPACE	--	--		0	0		--	--	SPACE	34
35	SPACE	--	--			0	0	--	--	SPACE	36
37	SPACE	--	--	0	0			--	--	SPACE	38
39	SPACE	--	--		0	0		--	--	SPACE	40
41	SPACE	--	--			0	0	--	--	SPACE	42
TOTAL LOAD:				28.7 kVA	28.7 kVA	28.7 kVA					
TOTAL AMPS:				104 A	104 A	104 A					

LEGEND:
KAIC STANDS FOR 1000 AMPS INTERRUPTING CURRENT.

NOTES:

PANEL: LMDP
LOCATION: MECHANICAL 1 M1 **VOLTS:** 120/208 Wye **MAINS RATING:** 600 A
SUPPLY FROM: LEM **PHASE:** 3 **NEUTRAL RATING:** 600 A
PNL TYPE: NQ **WIRE:** 4 **KAIC RATING:** 10
ENCLOSURE: SURFACE

CKT	DESCRIPTION	TRIP	POLES	PHASE A (kVA)	PHASE B (kVA)	PHASE C (kVA)	POLES	TRIP	DESCRIPTION	CKT	
1	BREAK GAS SHUTDOWN	20 A	1	0	5			1	20 A	GWH-1	2
3	GWH-1	20 A	1		5	0.8		1	20 A	GF-1	4
5	PANEL LM1	150 A	3			10.8	3.7	3	100 A	PANEL LM2	6
7	--	--	--	14.1	2.3			--	--	--	8
9	--	--	--		12.1	2.5		--	--	--	10
11	PANEL LK1 & LK2	400 A	3			42.1	0	3	80 A	SPD	12
13	--	--	--	36.7	0			--	--	--	14
15	--	--	--		36.8	0		--	--	--	16
17	SPARE	100 A	3		0	0		3	100 A	SPARE	18
19	--	--	--	0	0			--	--	--	20
21	--	--	--		0	0		--	--	--	22
23	SPARE	225 A	3			0	0	1	20 A	SPARE	24
25	--	--	--	0	0		</				