

PANEL M1 (SECTION 1)															
VOLTAGE: 480Y/277				PHASE: 3				BUS AMPS: 400A				KAIC RATING: 22,000			
WIRE: 4				MAIN BREAKER AMPS: MLO				<input checked="" type="checkbox"/> SURFACE MOUNTED				<input type="checkbox"/> FLUSH MOUNTED			
CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	
NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	
3	3		SPACE ONLY		2	1	15	2	12	FP-25-7				2.8	
					4	1	15	2	12	VAV-25-3				1.0	
					8	3	15	4	12	FP-25-8				4.3	
9	3	35	4	8	12	1	15	2	12	FP-25-9				1.0	
13	1	15	2	12	14	1	15	2	12	VAV-25-2				1.1	
			SPARE		16	1	15	2	12	FP-25-10				1.1	
19	3	20	4	12	18	1	15	2	12	VAV-23-1				1.0	
					20	1	15	2	12	VAV-25-1				0.8	
					22	1	20	2	12	ROOF RCPTS					
					24	1	20			SPARE					
25	3	25	4	10	26	1	20			SPARE					
					28	1	20			SPARE					
					30	1	20			SPARE					
31	3	15	4	12	32	1	20			SPARE					
					34	1	20			SPARE					
					36	1	20			SPARE					
37	1	15	2	12	38	1	20			SPARE					
39	1	20			40	1	20			SPARE					
41	1	20			42	1	20			SPARE					
TOTAL LEFT SIDE				4.5	0.0	0.0	50.6	TOTAL RIGHT SIDE				4.8	2.9	2.1	4.3
TOTAL RIGHT SIDE				4.8	2.9	2.1	4.3	TOTAL CONNECTED LOAD				69.2			
TOTAL				9.3	2.9	2.1	54.9	TOTAL				69.2			

PANEL M1 (SECTION 2)															
VOLTAGE: 480Y/277				PHASE: 3				BUS AMPS: 400A				KAIC RATING: 22,000			
WIRE: 4				MAIN BREAKER AMPS: MLO				<input checked="" type="checkbox"/> SURFACE MOUNTED				<input type="checkbox"/> FLUSH MOUNTED			
CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	
NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	
45	3		SPACE ONLY		46	3		SPACE ONLY		52	3	35	4	8	
51	3	35	4	8	52	3	35	4	8	53	3	35	4	8	
57	3	25	4	10	58	3	15	4	12	59	3	15	4	12	
63	3	25	4	10	64	3	15	4	12	65	3	15	4	12	
69	3	35	4	8	68	1	20			69	1	20			
					70	1	20			71	1	20			
					72	1	20			73	1	20			
73	1	20	2	12	74	1	20			75	1	20			
					76	1	20			77	3	20	4	12	
77	3	20	4	12	78	1	20			80	1	20			
81	1	20			82	1	20			84	1	20			
83	1	20			84	1	20								
TOTAL LEFT SIDE				1.0	0.0	0.0	77.8	TOTAL RIGHT SIDE				0.0	0.0	0.0	36.0
TOTAL RIGHT SIDE				1.0	0.0	0.0	36.0	TOTAL CONNECTED LOAD				114.8			
TOTAL				1.0	0.0	0.0	113.8	TOTAL				114.8			

PANEL M3 (SECTION 1)															
VOLTAGE: 480Y/277				PHASE: 3				BUS AMPS: 400A				KAIC RATING: 22,000			
WIRE: 4				MAIN BREAKER AMPS: MLO				<input checked="" type="checkbox"/> SURFACE MOUNTED				<input type="checkbox"/> FLUSH MOUNTED			
CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	
NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	
3	3	35	4	8	4	3	35	4	8	5	3	35	4	8	
9	3	15	4	12	6	3	15	4	12	7	3	15	4	12	
15	3	35	4	8	8	3	15	4	12	9	3	15	4	12	
21	3	20	4	12	10	3	15	4	12	11	3	15	4	12	
27	3	35	4	8	12	1	20			13	1	20			
					14	1	20			15	1	20			
33	3	20	4	12	16	3	15	4	12	17	3	15	4	12	
39	3	20	4	12	18	3	15	4	12	19	3	15	4	12	
TOTAL LEFT SIDE				0.0	0.0	0.0	104.1	TOTAL RIGHT SIDE				0.0	1.0	1.0	77.2
TOTAL RIGHT SIDE				0.0	1.0	1.0	77.2	TOTAL CONNECTED LOAD				183.3			
TOTAL				0.0	1.0	1.0	181.3	TOTAL				183.3			

PANEL M2 (SECTION 1)															
VOLTAGE: 480Y/277				PHASE: 3				BUS AMPS: 400A				KAIC RATING: 22,000			
WIRE: 4				MAIN BREAKER AMPS: MLO				<input checked="" type="checkbox"/> SURFACE MOUNTED				<input type="checkbox"/> FLUSH MOUNTED			
CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	
NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	
1	3		SPACE ONLY		2	1	15	2	12	3	1	15	2	12	
5					4	1	15	2	12	6	1	15	2	12	
7					8	1	15	2	12	9	3	25	4	10	
11					10	1	20	2	12	11	1	20	2	12	
13					12	1	20	2	12	13	3	20	4	12	
15	3	20	4	12	14	1	20			15	3	20	4	12	
17					16	1	20			17					
19					18	1	20			19					
21	3	35	4	8	20	1	20			21	3	35	4	8	
23					22	1	20			23					
25					24	1	20			25					
27	3	35	4	8	26	1	20			27	3	35	4	8	
29					28	1	20			29					
31					30	1	20			31					
33	3	15	4	12	32	1	20			33	3	15	4	12	
35					34	1	20			35					
37					36	1	20			37					
39	3	35	4	8	38	1	20			39	3	35	4	8	
41					40	1	20			41					
					42	1	20								
TOTAL LEFT SIDE				0.0	0.0	0.0	95.3	TOTAL RIGHT SIDE				4.2	2.0	4.5	0.0
TOTAL RIGHT SIDE				4.2	2.0	4.5	0.0	TOTAL CONNECTED LOAD				109.6			
TOTAL				4.2	2.0	4.5	95.3	TOTAL				109.6			

PANEL M2 (SECTION 2)															
VOLTAGE: 480Y/277				PHASE: 3				BUS AMPS: 400A				KAIC RATING: 22,000			
WIRE: 4				MAIN BREAKER AMPS: MLO				<input checked="" type="checkbox"/> SURFACE MOUNTED				<input type="checkbox"/> FLUSH MOUNTED			
CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	CKT NO.	BRKR	WIRE	CIRCUIT DESCRIPTION	LOAD - KVA	
NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	NO.	P	AMPS	NO	SZ	
43	3	15	4	12	44	3	30	4	10	45	3	30	4	10	
47					46	3	30	4	10	48					
49					49					50					
51	3	30	4	10	51	3	30	4	10	52	3	30	4	10	
53					53					54					
55					55	1	20	2	12	56	1	20	2	12	
57	3	30	4	10	57	1	20			58	1	20			
59					59					60					
61					61	3	15	4	12	62	3	15	4	12	
63	3	20	4	12	63	3	15	4	12	64	3	15	4	12	
65					65	1	20	2	12	66	1	20	2	12	
67					67	1	20			68	1	20			
69	3	20	4	12	69	1	20			70	1	20			
71					71	1	20			72	1	20			
73					73					74					
75	3	20	4	12	75	3	15	4	12	76	3	15	4	12	
77					77					78					
81	3	25	4	10	81	3	15	4	12	82	3	15	4	12	
83					83										
TOTAL LEFT SIDE				0.0	0.0	0.0	81.4	TOTAL RIGHT SIDE				4.0	0.0	0.5	47.5
TOTAL RIGHT SIDE				4.0	0.0	0.5	47.5	TOTAL CONNECTED LOAD				133.4			
TOTAL				4.0	0.0	0.5	128.9	TOTAL				133.4			

SWITCHBOARD SCHEDULE					
CKT NO	DESCRIPTION	CIRCUIT BREAKER		LOAD	REMARKS
		TRIP SETTING	POLES		
	MAIN BREAKER	3000A	3		NOTE 1
	TVSS		3		SIZED BY MANUFACTURER
1	PANEL M1 (1) AND M1(2)	400	3</		