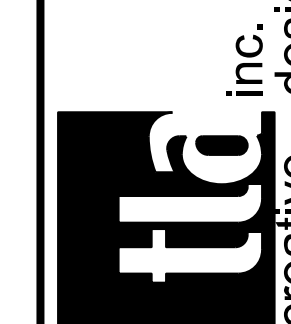


400 US Route One, Suite A South  
Falmouth, ME 04105  
Tel: (207) 842-6260  
Fax: (207) 842-6271  
1 (800) 232-2253



Rev. No.	Date	Description	Drawn by: JFD

Machias Savings Bank  
193 Middle Street, Portland, Maine  
MODIFIED PANEL SCHEDULES

MODIFIED PANEL "A" (BACK HALL) SECTION 1 120/208 3PH 4W 200 AMP BUS - MLO 22K AIC NEMA TYPE 1 (RECESSED)													
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1							2	LIGHTS	20	1	12	0.70	8
3							4	LIGHTS	20	1	12	0.70	8
5	RTU-2 (HVAC-2)	40	3				6	SPARE	20	1			0
7	OFFICE 4 & 5 RECEPTS	20	1	9	0.50	5	8		15	2	7	0.70	5
9	OFFICE 3, HALL & BATHROOM RECEPTS	20	1	8	0.50	4	10		15	2	7	0.70	5
11	WORK STATIONS & HALL RECEPTS	20	1	8	0.50	4	12	SCU-1 & SCA-1	15	2	13	0.70	9
13							14		15	2	13	0.70	9
15	SPARE	20	1			0	16	SCU-2 & SAC-2	30	2	18	0.70	13
17	IT ROOM RECEPTS	20	1	5	0.50	2	18		15	2	7	0.70	5
19	SERVER	20	1	10	1.00	10	20	SPARE	20	1			0
21	SECOND FLR WORK SPACE FLOOR QUAD	20	1	15	0.50	8	22	SPARE	20	1			0
23	SECOND FLR WORK SPACE FLOOR QUAD	20	1	15	0.50	8	24	SPARE	20	1			0
25	SPARE	20	1			0	26	SPARE	20	1			0
27	SPARE	20	1			0	28	SPARE	20	1			0
29	SPARE	20	1			0	30	SPARE	20	1			0
31	SPARE	20	1			0	32	SPARE	20	1			0
33	SPARE	20	1			0	34	SPARE	20	1			0
35	SPARE	20	1			0	36	SPARE	20	1			0
37	SPARE	20	1			0	38	SPARE	20	1			0
39	SPARE	20	1			0	40	SPARE	20	1			0
41	SPARE	20	1			0	42	SPARE	20	1			0

AT - Amp Trip  
P - Poles  
A - Amps  
CA - Connected Amperes  
DF - Demand Factor ( 1 - .1)  
DA - Demand Amperes  
MLO - Main Lug Only  
MCB - Main Circuit Breaker

**Section 1**  
Tot Amps/PH - Connected Load 102.70  
Demand Factor 67.18%  
Total Amps/PH - Demand 68.99  
Connected KVA 36.96  
Demand KVA 24.83  
Min. Panel Size (Demand x 1.25) - Amps 86.24

NOTES:  
1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12  
2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52

MODIFIED PANEL "C" (ELECTRICAL CLOSET) SECTION 1 120/208 3PH 4W 200 AMP BUS - MLO 22K AIC NEMA TYPE 1 (RECESSED)													
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	RECEPTS	20	1	8	0.50	4	2	LIGHTS	20	1	12	0.70	8
3	CONFERENCE RM & OFFICE 2 RECEPTS	20	1	8	0.50	4	4	LIGHTS	20	1	12	0.70	8
5	OFFICE 1 & GENERAL RECEPTS	20	1	8	0.50	4	6	SPARE	20	1			0
7	FLOOR RECEIPT AT POD	20	1	3	0.50	2	8	WALL RECEPTS LOBBY	20	1	8	0.50	4
9	FLOOR RECEIPT AT POD	20	1	3	0.50	2	10		20	2	10	0.70	7
11	ATM	20	1	10	1.00	10	12	EBB-1 (SEATING)	20	2			0
13							14	SPARE	20	1			0
15	EBB-3 (VEST)	15	2	7	0.70	5	16	SPARE	20	1			0
17	SPARE	20	1			0	18	SPARE	20	1			0
19	SPARE	20	1			0	20	SPARE	20	1			0
21							22	SPARE	20	1			0
23	SPARE	20	3			0	24	SPARE	60	3			0
25							26	SPARE	20	1			0
27	SPARE	20	1			0	28	RTU-3 (HVAC-3)	40	3			0
29	SPARE	20	1			0	30						0
31	SPARE	20	1			0	32						0
33	SPARE	20	1			0	34	BLANK					0
35	BLANK					0	36	BLANK					0
37	BLANK					0	38	BLANK					0
39	BLANK					0	40	SPARE	20	2			0
41	BLANK					0	42						0

AT - Amp Trip  
P - Poles  
A - Amps  
CA - Connected Amperes  
DF - Demand Factor ( 1 - .1)  
DA - Demand Amperes  
MLO - Main Lug Only  
MCB - Main Circuit Breaker

**Section 1**  
Tot Amps/PH - Connected Load 35.30  
Demand Factor 65.75%  
Total Amps/PH - Demand 23.21  
Connected KVA 12.70  
Demand KVA 8.35  
Min. Panel Size (Demand x 1.25) - Amps 29.01

NOTES:  
1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12  
2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52

MODIFIED PANEL B (STAIRWAY) SECTION 1 120/208 3PH 4W 200 AMP BUS - MLO 22K AIC NEMA TYPE 1 (RECESSED)													
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	SPARE	20	1			0	2						0
3	SPARE	20	1			0	4	RTU-1 (HVAC-1)	70	3			0
5	CARRIGE HOUSE REC	20	1			0	6						0
7	CARRIGE HOUSE LIGHTS	20	1			0	8	COOLER	20	1			0
9	TELE & SECURITY	20	1			0	10	COOLER	20	1			0
11	REFRIGERATOR	20	1			0	12	COUNTER RECEPTS	20	1			0
13	GFCI RECEIPT	20	1			0	14	COUNTER RECEPTS	20	1			0
15	SPACE					0	16	ELECTRIC WATER HEATER	20	1			0
17	SPACE					0	18	SPACE	20	1			0
19	SPACE					0	20	SPACE					0
21	SPACE					0	22	SPACE					0
23	SPACE					0	24	SPACE					0
25	SPACE					0	26	SPACE					0
27	SPACE					0	28	SPACE					0
29	SPACE					0	30	SPACE					0
31	SPACE					0	32	SPACE					0
33	SPACE					0	34	SPACE					0
35	SPACE					0	36	SPACE					0
37	SPACE					0	38	SPACE					0
39	SPACE					0	40	SPACE					0
41	SPACE					0	42	SPACE					0

AT - Amp Trip  
P - Poles  
A - Amps  
CA - Connected Amperes  
DF - Demand Factor ( 1 - .1)  
DA - Demand Amperes  
MLO - Main Lug Only  
MCB - Main Circuit Breaker

**Section 1**  
Tot Amps/PH - Connected Load 0.00  
Demand Factor #DIV/0!  
Total Amps/PH - Demand 0.00  
Connected KVA 0.00  
Demand KVA 0.00  
Min. Panel Size (Demand x 1.25) - Amps 0.00

NOTES:  
1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12  
2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52

PANEL BR (BREAK ROOM) SECTION 1 120/208 3PH 4W 100 AMP BUS - MLO 22K AIC NEMA TYPE 1 (RECESSED)													
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	COUNTER RECEIPT (BREAK RM)	20	1	2	0.50	1	2	REFRIGERATOR	20	1	12	1.00	12
3	COUNTER RECEIPT (BREAK RM)	20	1	2	0.50	1	4	BRK RM, STOR & STAIR RECEPTS	20	1	11	0.50	5
5	BREAK RM & STAIR LIGHTS & E-LIGHT	20	1	10	0.70	7	6	SECOND FLOOR OFFICE RECEPTS	20	1	12	0.50	6
7	SPARE	20	1			0	8	SPARE	20	1			0
9	LIGHTS 2ND FLOOR	20	1	12	0.70	8	10	SPARE	20	1			0
11	2ND FLOOR RECEPTS	20	1	15	0.50	8	12	WH-1	20	2	14	0.70	10
13	SPARE	20	1			0	14						0
15	SPARE	20	1			0	16						0
17							18	SCU-3	40	3	29	0.70	20
19	EBB-1 (BREAK ROOM)	20	2	10	0.70	7	20						0
21							22	SPARE					0
23	EW-1	30	2	20	0.50	10	24	SPARE					0
													0

AT - Amp Trip  
P - Poles  
A - Amps  
CA - Connected Amperes  
DF - Demand Factor ( 1 - .1)  
DA - Demand Amperes  
MLO - Main Lug Only  
MCB - Main Circuit Breaker

**Section 1**  
Tot Amps/PH - Connected Load 69.83  
Demand Factor 67.85%  
Total Amps/PH - Demand 47.38  
Connected KVA 25.13  
Demand KVA 17.05  
Min. Panel Size (Demand x 1.25) - Amps 59.23

NOTES:  
1. PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12  
2. PROVIDE TAMPER RESISTANT OUTLETS PER NEC 406.11 SECTION 210.52