

SECTION 26 06 20.16

ELECTRICAL PANELBOARD SCHEDULE

SEE ATTACHED

VOLTS: 208/120 AMPS 225
MOUNT: Surface PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: P-E1 Section 1
LOCATION: Electrical 111

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
20	1	Receptacles	1200	R	1	1400			2	R	200	Elev. Mach. Room Receptacle	1	20
20	1	Receptacles	1000	R	3		1500		4	O	500	Elevator Controls	1	20
20	1	Receptacles	1200	R	5			2800	6	R	1600	Recepts WS1	1	20
20	1	Refrigerator	1500	R	7	3100			8	R	1600	Recepts WS2	1	20
20	1	Receptacles	1000	R	9		2200		10	R	1200	Recepts WS3	1	20
20	1	Receptacles	1200	R	11			2400	12	R	1200	Recepts WS4	1	20
20	1	Receptacles	1000	R	13	2200			14	R	1200	Recepts WS5	1	20
20	1	Receptacles	800	R	15		2400		16	R	1600	Recepts WS6	1	20
20	1	Receptacles	1200	R	17			2800	18	R	1600	Recepts WS7	1	20
20	1	Receptacles	1200	R	19	2400			20	R	1200	Recepts WS8	1	20
20	1	Receptacles	1200	R	21		2800		22	R	1600	Recepts WS9	1	20
20	1	Receptacles	1000	R	23			2600	24	R	1600	Recepts WS10	1	20
100	3	Panel P-E1 Section 2	13196		25	14796			26	R	1600	Modular Partition	1	20
100	3	Panel P-E1 Section 2	12843		27		14443		28	R	1600	Modular Partition	1	20
100	3	Panel P-E1 Section 2	13163		29			13963	30	R	800	Modular Partition	1	20
20	1	Door Operators	500	O	31	1000			32	O	500	Door Operators	1	20
20	1	Door Operators	500	O	33		1000		34	O	500	Door Operators	1	20
20	1	Door Operators	500	O	35			1000	36	O	500	Door Operators	1	20
20	1	Spare	500	S	37	1000			38	O	500	Door Operators	1	20
20	1	Spare	500	S	39		1000		40	S	500	Spare	1	20
20	1	Spare	500	S	41			1000	42	S	500	Spare	1	20

PHASE TOTALS 25896 25343 26563

CONNECTED VOLT-AMPERES= 77802
CONNECTED AMPERES= 216
DEMAND VOLT-AMPERES= 45811
DEMAND AMPERES= 127

CIRCUIT TYPE CODES		DEMAND FACTOR
L	LIGHTS	1.0
M	MOTORS	0.8
R	RECEPTACLES	0.5
H	HEAT	1.0
O	OTHER	0.5
S	SPARE	0.5

PROJECT: **PowerPay Office Fit-Up**
PROJ. NO: 08-0053
DATE: 03/20/09
STATUS: For Construction

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET BATH, MAINE 04530
TEL (207) 443-5447 FAX (207) 443-5560

VOLTS: 208/120 AMPS 225
MOUNT: Surface PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: P-E1 Section 2
LOCATION: Electrical 111

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
20	1	Lighting	1563	L	43	2475			44	L	912	Lighting	1	20
20	1	Lighting	1152	L	45		2120		46	L	968	Lighting	1	20
20	1	Receptacles	1200	R	47			2400	48	R	1200	Recepts WS14	1	20
20	1	Receptacles	800	R	49	2000			50	R	1200	Recepts WS15	1	20
20	1	Receptacles	800	R	51		2000		52	R	1200	Modular Partition	1	20
20	1	Receptacles	1000	R	53			2200	54	R	1200	Recepts WS11	1	20
20	1	Receptacles	1000	R	55	2200			56	R	1200	Recepts WS12	1	20
20	1	Receptacles	1000	R	57		2600		58	R	1600	Recepts WS13	1	20
20	2	Heat Pump Sys 2 Cntrl & Ahs	1632	M	59			3521	60	M	1889	Heat Pump Sys 5 Cntrl & Ahs	2	20
20	2	Heat Pump Sys 2 Cntrl & Ahs	1632	M	61	3521			62	M	1889	Heat Pump Sys 5 Cntrl & Ahs	2	20
20	2	Heat Pump Sys 4 Cntrl & Ahs	1947	M	63		3123		64	M	1176	SP-1	1	20
20	2	Heat Pump Sys 4 Cntrl & Ahs	1947	M	65			2042	66	M	95	EF-1	1	20
20	1	Generator Block Heater	500	H	67	1000			68	L	500	Lighting Control Panel LC1	1	20
20	1	Generator Battery Charger	500	O	69		1000		70	L	500	Lighting Control Panel LC2	1	20
20	1	Fire Alarm Panel	500	O	71			1000	72	S	500	Spare	1	20
20	1	Fire Alarm Boosters	500	O	73	1000			74	S	500	Spare	1	20
20	1	Spare	500	S	75		1000		76	S	500	Spare	1	20
20	1	Spare	500	S	77			1000	78	S	500	Spare	1	20
20	1	Spare	500	S	79	1000			80	S	500	Spare	1	20
20	1	Spare	500	S	81		1000		82	S	500	Spare	1	20
20	1	Spare	500	S	83			1000	84	S	500	Spare	1	20

PHASE TOTALS 13196 12843 13163

CONNECTED VOLT-AMPERES= 39202
CONNECTED AMPERES= 109
DEMAND VOLT-AMPERES= 26311
DEMAND AMPERES= 73

CIRCUIT TYPE CODES		DEMAND FACTOR
L	LIGHTS	1.0
M	MOTORS	0.8
R	RECEPTACLES	0.5
H	HEAT	1.0
O	OTHER	0.5
S	SPARE	0.5

PROJECT: **PowerPay Office Fit-Up**
PROJ. NO: 08-0053
DATE: 03/20/09
STATUS: For Construction

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET BATH, MAINE 04530
TEL (207) 443-5447 FAX (207) 443-5560

VOLTS: 120/208 AMPS 200
MOUNT: Surface PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: P1 Section 1
LOCATION: Electrical 135

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
20	1	1st Floor Lights Area B	1454	L	1	2854			2	L	1400	1st Floor Lights Area B	1	20
20	1	1st Floor Lights Area B	1308	L	3		2418		4	L	1110	1st Floor Lights Area B	1	20
20	1	1st Floor Receptacles Area B	1200	R	5			2000	6	R	800	1st Floor Receptacles Area B	1	20
20	1	1st Floor Receptacles Area B	1200	R	7	2000			8	R	800	1st Floor Receptacles Area B	1	20
20	1	1st Floor Receptacles Area B	1200	R	9		2700		10	O	1500	1st Floor Freezer Area B	1	20
20	1	1st Floor Receptacles Area B	1200	R	11			2700	12	O	1500	1st Floor Refrigerator Area B	1	20
20	1	1st Floor Modular Partition	1200	R	13	2700			14	O	1500	1st Floor Dishwasher Area B	1	20
20	1	1st Floor Modular Partition	1200	R	15		1600		16	R	400	1st Floor Receptacles Area B	1	20
20	1	1st Floor Receptacles Area B	1000	R	17			2200	18	R	1200	1st Floor Receptacles Area B	1	20
20	1	1st Floor Receptacles Area B	1000	R	19	2200			20	R	1200	1st Floor Receptacles Area B	1	20
20	1	1st Floor Receptacles Area B	800	R	21		2200		22	R	1400	1st Floor Receptacles Area B	1	20
20	1	1st Floor Receptacles Area B	600	R	23			1800	24	R	1200	1st Floor Receptacles Area B	1	20
100	3	Panel P1 Section 2	14400		25	15000			26	R	600	1st Floor Receptacles Area B	1	20
100	3	Panel P1 Section 2	14000		27		15000		28	R	1000	1st Floor Receptacles Area B	1	20
100	3	Panel P1 Section 2	13400		29			14000	30	R	600	1st Floor Receptacles Area B	1	20
20	1	1st Floor Receptacles Area B	1200	R	31	2400			32	R	1200	1st Floor Modular Partition	1	20
20	1	1st Floor Receptacles Area B	1200	R	33		2800		34	R	1600	1st Floor Modular Partition	1	20
20	1	1st Floor Receptacles Area B	1200	R	35			1700	36	O	500	Fire Alarm Door Holders	1	20
20	1	1st Floor Receptacles Area B	1200	R	37	2217			38	L	1017	Exterior Lights	1	20
20	1	1st Floor Receptacles Area B	1000	R	39		1780		40	L	780	Exterior Lights	1	20
20	1	Handicap Door Operator	500	O	41			1016	42	L	516	Exterior Lights	1	20

PHASE TOTALS 29371 28498 25416

CONNECTED VOLT-AMPERES= 83285
CONNECTED AMPERES= 231
DEMAND VOLT-AMPERES= 45435
DEMAND AMPERES= 126

CIRCUIT TYPE CODES		DEMAND FACTOR
L	LIGHTS	1.0
M	MOTORS	0.8
R	RECEPTACLES	0.5
H	HEAT	1.0
O	OTHER	0.5
S	SPARE	0.5

PROJECT: **PowerPay Office Fit-Up**
PROJ. NO: 08-0053
DATE: 03/20/09
STATUS: For Construction

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET BATH, MAINE 04530
TEL (207) 443-5447 FAX (207) 443-5560

VOLTS: 120/208 AMPS 200
MOUNT: Surface PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: P1 Section 2
LOCATION: Electrical 135

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
1	20	1st Floor Recepts WS6	1600	R	43	2800			44	R	1200	1st Floor Recepts WS1	1	20
1	20	1st Floor Recepts WS6	1600	R	45		2800		46	R	1200	1st Floor Recepts WS1	1	20
1	20	1st Floor Recepts WS7	1600	R	47			2800	48	R	1200	1st Floor Recepts WS2	1	20
1	20	1st Floor Recepts WS7	1600	R	49	2800			50	R	1200	1st Floor Recepts WS2	1	20
1	20	1st Floor Recepts WS8	1200	R	51		2800		52	R	1600	1st Floor Recepts WS3	1	20
1	20	1st Floor Recepts WS8	1200	R	53			2800	54	R	1600	1st Floor Recepts WS3	1	20
1	20	1st Floor Recepts WS9	1200	R	55	2800			56	R	1600	1st Floor Recepts WS4	1	20
1	20	1st Floor Recepts WS9	1200	R	57		2800		58	R	1600	1st Floor Recepts WS4	1	20
1	20	1st Floor Recepts WS10	1200	R	59			2400	60	R	1200	1st Floor Recepts WS5	1	20
1	20	1st Floor Recepts WS10	1200	R	61	2400			62	R	1200	1st Floor Recepts WS5	1	20
1	20	1st Floor Receptacles Area C	1400	R	63		2600		64	R	1200	1st Floor Receptacles Area C	1	20
1	20	1st Floor Receptacles Area C	1200	R	65			2400	66	R	1200	1st Floor Receptacles Area C	1	20
1	20	1st Floor Receptacles Area C	800	R	67	1600			68	R	800	1st Floor Receptacles Area C	1	20
1	20	Spare	500	S	69		1000		70	S	500	Spare	1	20
1	20	Spare	500	S	71			1000	72	S	500	Spare	1	20
1	20	Spare	500	S	73	1000			74	S	500	Spare	1	20
1	20	Spare	500	S	75		1000		76	S	500	Spare	1	20
1	20	Spare	500	S	77			1000	78	S	500	Spare	1	20
1	20	Spare	500	S	79	1000			80	S	500	Spare	1	20
1	20	Spare	500	S	81		1000		82	S	500	Spare	1	20
1	20	Spare	500	S	83			1000	84	S	500	Spare	1	20

PHASE TOTALS 14400 14000 13400

CONNECTED VOLT-AMPERES= 41800
CONNECTED AMPERES= 116
DEMAND VOLT-AMPERES= 20900
DEMAND AMPERES= 58

CIRCUIT TYPE CODES		DEMAND FACTOR
L	LIGHTS	1.0
M	MOTORS	0.8
R	RECEPTACLES	0.5
H	HEAT	1.0
O	OTHER	0.5
S	SPARE	0.5

PROJECT: **PowerPay Office Fit-Up**
PROJ. NO: 08-0053
DATE: 03/20/09
STATUS: For Construction

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET BATH, MAINE 04530
TEL (207) 443-5447 FAX (207) 443-5560

VOLTS: 120/208 AMPS 200
MOUNT: Recess PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: P2
LOCATION: Electrical 111

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
20	1	2nd Floor Lights Area A	1191	L	1	2317			2	L	1126	2nd Floor Lights Area A	1	20
20	1	2nd Floor Lights Area A	1448	L	3		2938		4	L	1490	2nd Floor Lights Area A/B	1	20
20	1	Heat Pump Sys 1 Cntrl & Ahs	1228	M	5			2828	6	R	1600	2nd Floor Recepts Area A WS4	1	20
20	1	Heat Pump Sys 1 Cntrl & Ahs	1228	M	7	2828			8	R	1600	2nd Floor Recepts Area A WS5	1	20
20	1	2nd Floor Receptacles Area A	1200	R	9		2400		10	R	1200	2nd Floor Receptacles Area A	1	20
20	1	2nd Floor Receptacles Area A	1200	R	11			1600	12	R	400	2nd Floor Receptacles Area A	1	20
20	1	2nd Floor Receptacles Area A	1200	R	13	1600			14	R	400	2nd Floor Receptacles Area A	1	20
20	1	2nd Floor Receptacles Area A	1000	R	15		2200		16	R	1200	2nd Floor Receptacles Area A	1	20
20	1	2nd Fl Mod Partition Area A	800	R	17			2000	18	R	1200	2nd Floor Receptacles Area A	1	20
20	1	2nd Floor Receptacles Area A	1000	R	19	2000			20	R	1000	2nd Floor Receptacles Area A	1	20
20	1	Skylight Window Controls	500	O	21		1700		22	R	1200	2nd Floor Receptacles Area A	1	20
20	1	2nd Floor Receptacles Area A	1200	R	23			2400	24	R	1200	2nd Floor Receptacles Area B	1	20
20	1	2nd Floor Recepts Area A WS1	1600	R	25	2800			26	R	1200	2nd Floor Receptacles Area B	1	20
20	1	2nd Floor Recepts Area A WS2	1600	R	27		3200		28	R	1600	2nd Floor Recepts Area A WS6	1	20
20	1	2nd Floor Recepts Area A WS3	1600	R	29			2400	30	R	800	2nd Floor Recepts Area A WS7	1	20
20	1	2nd Fl Mod Partition Area A	800	R	31	2000			32	R	1200	2nd Floor Recepts Area A WS8	1	20
20	1	2nd Fl Mod Partition Area A	800	R	33		1300		34	O	500	Handicap Door Operators	1	20
20	1	Spare	500	S	35			1328	36	L	828	2nd Floor Lights Area A	1	20
20	1	Spare	500	S	37	1000			38	S	500	Spare	1	20
20	1	Spare	500	S	39		1000		40	S	500	Spare	1	20
20	1	Spare	500	S	41			1000	42	S	500	Spare	1	20

PHASE TOTALS 14545 14738 13556

CONNECTED VOLT-AMPERES= 42839
CONNECTED AMPERES= 119
DEMAND VOLT-AMPERES= 25198
DEMAND AMPERES= 70

CIRCUIT TYPE CODES		DEMAND FACTOR
L	LIGHTS	1.0
M	MOTORS	0.8
R	RECEPTACLES	0.5
H	HEAT	1.0
O	OTHER	0.5
S	SPARE	0.5

PROJECT: **PowerPay Office Fit-Up**
PROJ. NO: 08-0053
DATE: 03/20/09
STATUS: For Construction

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET BATH, MAINE 04530
TEL (207) 443-5447 FAX (207) 443-5560

VOLTS: 120/208 AMPS 200
MOUNT: Surface PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: P3 Section 1
LOCATION: Electrical 135

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
20	1	Exterior Light Type S6	79	L	1	1051			2	L	972	2nd Floor Lights Area B	1	20
20	1	Skylight Window Controls	500	O	3		1972		4	L	1472	2nd Floor Lights Area B	1	20
20	1	2nd Floor Lights Area B	1122	L	5			2502	6	L	1380	2nd Floor Lights Area B	1	20
20	1	2nd Floor Lights Area C	638	L	7	1334			8	L	696	2nd Floor Lights Area C	1	20
20	1	2nd Fl Recepts Area B WS1A	1600	R	9		3200		10	R	1600	2nd Floor Recepts Area B WS1	1	20
20	1	2nd Floor Receptacles Area B	800	R	11			2400	12	R	1600	2nd Floor Recepts Area B WS2	1	20
20	1	2nd Floor Receptacles Area B	1000	R	13	2600			14	R	1600	2nd Floor Recepts Area B WS3	1	20
20	1	2nd Floor Receptacles Area B	1200	R	15		2800		16	R	1600	2nd Floor Recepts Area B WS4	1	20
20	1	2nd Floor Receptacles Area B	1200	R	17			2800	18	R	1600	2nd Floor Recepts Area B WS5	1	20
20	1	2nd Floor Receptacles Area B	1000	R	19	2600			20	R	1600	2nd Floor Recepts Area B WS6	1	20
20	1	2nd Floor Receptacles Area B	1200	R	21		2800		22	R	1600	2nd Floor Recepts Area B WS7	1	20
20	1	2nd Floor Receptacles Area B	1400	R	23			3000	24	R	1600	2nd Floor Recepts Area B WS8	1	20
100	3	Panel P3 Section 2	15969		25	17569			26	R	1600	2nd Floor Recepts Area B WS9	1	20
100	3	Panel P3 Section 2	16535		27		18135		28	R	1600	2nd Fl Recepts Area B WS10	1	20
100	3	Panel P3 Section 2	15435		29			17035	30	R	1600	2nd Fl Recepts Area B WS11	1	20
20	1	2nd Floor Receptacles Area B	1000	R	31	2600			32	R	1600	2nd Fl Recepts Area B WS12	1	20
20	1	Spare	500	S	33		1000		34	S	500	Spare	1	20
20	1	Spare	500	S	35			1000	36	S	500	Spare	1	20
20	1	Spare	500	S	37	1000			38	S	500	Spare	1	20
20	1	Spare	500	S	39		1000		40	S	500	Spare	1	20
20	1	Spare	500	S	41			1000	42	S	500	Spare	1	20

PHASE TOTALS 28754 30907 29737

CONNECTED VOLT-AMPERES= 89398
CONNECTED AMPERES= 248
DEMAND VOLT-AMPERES= 49598
DEMAND AMPERES= 138

CIRCUIT TYPE CODES		DEMAND FACTOR
L	LIGHTS	1.0
M	MOTORS	0.8
R	RECEPTACLES	0.5
H	HEAT	1.0
O	OTHER	0.5
S	SPARE	0.5

PROJECT: **PowerPay Office Fit-Up**
PROJ. NO: 08-0053
DATE: 03/20/09
STATUS: For Construction

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET BATH, MAINE 04530
TEL (207) 443-5447 FAX (207) 443-5560

VOLTS: 120/208 AMPS 200
MOUNT: Surface PHASE: 3

MAIN: MLO
WIRES: 4

PANEL: P3 Section 2
LOCATION: Electrical 135

BREAKER		DESCRIPTION	CKT VA	TYPE	CKT NO.	LOAD			CKT NO.	TYPE	CKT VA	DESCRIPTION	BREAKER	
A	P					A	B	C					P	A
20	1	2nd Floor Exercise Equip Area C	1000	R	43	1969			44	L	969	Exterior Type S2 & S3 Lights	1	20
20	1	2nd Floor Exercise Equip Area C	1000	R	45		2435		46	L	1435	Exterior Type S1 & S5 Lights	1	20
20	1	2nd Floor Exercise Equip Area C	1000	R	47			2035	48	L	1035	Exterior Type S4 & S5 Lights	1	20
20	1	2nd Floor Recepts Area B WS13	1200	R	49	2800			50	R	1600	First Fl Area B Recept WS11	1	20
20	1	2nd Floor Recepts Area B WS13	1200	R	51		2800		52	R	1600	First Fl Area B Recept WS11	1	20
20	1	2nd Floor Receptacles Area C	1200	R	53			2800	54	R	1600	First Fl Area B Recept WS12	1	20
20	1	2nd Floor Exercise Equip Area C	500	R	55	2100			56	R	1600	First Fl Area B Recept WS12	1	20
20	1	2nd Floor Exercise Equip Area C	1000	R	57		2600		58	R	1600	First Fl Area B Recept WS13	1	20
20	1	2nd Floor Exercise Equip Area C	1000	R	59			2600	60	R	1600	First Fl Area B Recept WS13	1	20
20	1	First Fl Area B Recept WS17	1200	R	61	2800			62	R	1600	First Fl Area B Recept WS14	1	20
20	1	First Fl Area B Recept WS17	1200	R	63		2800		64	R	1600	First Fl Area B Recept WS14	1	20
20	1	First Fl Area B Recept WS18	1600	R	65			3200	66	R	1600	First Fl Area B Recept WS15	1	20
20	1	First Fl Area B Recept WS18	1600	R	67	3200			68	R	1600	First Fl Area B Recept WS15	1	20
20	1	First Fl Area B Recept WS19	1200	R	69		2800		70	R	1600	First Fl Area B Recept WS16	1	20
20	1	First Fl Area B Recept WS19	1200	R	71			2800	72	R	1600	First Fl Area B Recept WS16	1	20
20	1	First Fl Area B Recept WS20	1600	R	73	2100			74	S	500	SPARE	1	20
20	1	First Fl Area B Recept WS20	1600	R	75		2100		76	S	500	SPARE	1	20
20	1	Spare	500	S	77			1000	78	S	500	SPARE	1	20
20	1	Spare	500	S	79	1000			80	S	500	SPARE	1	20
20	1	Spare	500	S	81		1000		82	S	500	SPARE	1	20
20	1	Spare	500	S	83			1000	84	S	500	SPARE	1	20

PHASE TOTALS 15969 16535 15435

CONNECTED VOLT-AMPERES= 47939
CONNECTED AMPERES= 133
DEMAND VOLT-AMPERES= 25689
DEMAND AMPERES= 71

CIRCUIT TYPE CODES		DEMAND FACTOR
L	LIGHTS	1.0
M	MOTORS	0.8
R	RECEPTACLES	0.5
H	HEAT	1.0
O	OTHER	0.5
S	SPARE	0.5

PROJECT: **PowerPay Office Fit-Up**
PROJ. NO: 08-0053
DATE: 03/20/09
STATUS: For Construction

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET BATH, MAINE 04530
TEL (207) 443-5447 FAX (207) 443-5560