DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
LOBBY LTG.	2.0			1	20			2	13.9			
FIRST FLOOR PARKING		2.3		3	20		100	4		13.9		ELEVATOR (40 HP) (1)
LTG RMS. 001, 002, ST2-0			0.5	5	20			6			13.9	
LTG. ELEVATOR MACHINE RM.	0.3			7	20			8	13.9			
SPARE				9	20		100	10		13.9		ELEVATOR (40 HP) (1)
SPARE				11	20			12			13.9	
SPARE				13	20			14				SPACE
SPARE				15	20			16				SPACE
SPARE				17	20			18				SPACE
SPACE				19				20				SPACE
SPACE				21				22				SPACE
SPACE				23				24				SPACE
SPACE				25				26				SPACE
SPACE				27				28				SPACE
SPACE				29				30				SPACE
SPACE				31				32				SPACE
SPACE				33				34				SPACE
SPACE				35				36				SPACE
SPACE				37				38				SPACE
SPACE				39				40				SPACE
SPACE				41				42				SPACE
SUB-TOTAL	2.3	2.3	0.5	NEUTRAL BUS / GROUND BUS					27.8	27.8	27.8	SUB-TOTAL

VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 225 AMP BUS	TOTAL kVA A	30.1	PANEL NO. HLP1
MAIN BREAKER: 225 AMP TRIP	TOTAL kVA B	30.1	
MOUNTING: SURFACE	TOTAL kVA C	28.3	LOCATION MECH. RM. 109
SC RATING: 35,000 AIC	TOTAL kVA	88.5	

NOTES: (1) PROVIDE SHUNT TRIP CIRCUIT BREAKERS FOR ELEVATOR FEEDS.

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
LTG. PARKING AREA	2.5			1	20			2	0.8			
LTG. RMS. 007, 009, 010, ST1-0		1.2		3	20		20	4		0.8		PANELBOARD HPPG (VIA XFMR)
SPARE				5	20			6			0.8	
SPARE				7	20			8	5.8			
SPARE				9	20		50	10		5.8		GARAGE EXHAUST (15 HP)
SPARE				11	20			12			5.8	
SPACE				13				14				SPACE
SPACE				15				16				SPACE
SPACE				17				18				SPACE
SPACE				19				20				SPACE
SPACE				21				22				SPACE
SPACE				23				24				SPACE
SPACE				25				26				SPACE
SPACE				27				28				SPACE
SPACE				29				30				SPACE
SUB-TOTAL	2.5	1.2	0.0	NEUTRAL BUS / GROUND BUS					6.6	6.6	6.6	SUB-TOTAL

VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 100 AMP BUS	TOTAL kVA A	9.1	PANEL NO. HLPG
MAIN BREAKER: 100 AMP TRIP	TOTAL kVA B	7.8	
MOUNTING: SURFACE	TOTAL kVA C	6.6	LOCATION MECH. RM. 007
SC RATING: 18,000 AIC	TOTAL kVA	23.5	

NOTES:

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
RECEPTS RMS. 007, 009, EXTERIOR	0.8			1	20			2				SPACE
RECEPTS RMS. 004, 009, 010, ST1-0		0.8		3	20			4				SPACE
RECEPTS RMS. 001, 004, ST2-0			0.9	5	20			6				SPACE
SPARE				7	20			8				SPACE
SPARE				9	20			10				SPACE
SPARE				11	20			12				SPACE
SPACE				13				14				SPACE
SPACE				15				16				SPACE
SPACE				17				18				SPACE
SPACE				19				20				SPACE
SPACE				21				22				SPACE
SPACE				23				24				SPACE
SPACE				25				26				SPACE
SPACE				27				28				SPACE
SPACE				29				30				SPACE
SUB-TOTAL	0.8	0.8	0.9	NEUTRAL BUS / GROUND BUS					6.6	6.6	6.6	SUB-TOTAL

VOLTAGE: 208V/120V 3 PHASE 4 WIRE 100 AMP BUS	TOTAL kVA A	0.8	PANEL NO. HPPG
MAIN BREAKER: 50 AMP TRIP	TOTAL kVA B	0.8	
MOUNTING: SURFACE	TOTAL kVA C	0.9	LOCATION MECH. RM. 007
SC RATING: 10,000 AIC	TOTAL kVA	2.5	

NOTES:

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
FIRE ALARM CONTROL PANEL	1.0			1	20		20	2	0.8			RADIENT LOOP PUMPS SPRINKLER RM
RECEPTS FIRST FLOOR PARKING		0.9		3	20		20	4		0.8		RADIENT LOOP PUMPS SPRINKLER RM
RECEPTS FIRST FLOOR PARKING			0.8	5	20		20	6			0.9	BATHROOM EXHAUST FAN EF-5
RECEPTS FIRST FLOOR LOBBY	0.8			7	20		20	8	0.4			STAIRWELL PRESSURIZATION FANS
RECEPTS ELEVATOR PIT		0.2		9	20			10				SPACE
LTG. ELEVATOR PIT			0.2	11	20			12				SPACE
ELEVATOR CAB LTG.	0.5			13	20			14				SPACE
(1) LOBBY CONDENSING UNIT		2.2		15	40			16				SPACE
			2.2	17				18				SPACE
RECEPTS ELEVATOR MACHINE RM.	0.4			19	20			20				SPACE
AUTOMATIC DOORS FRONT ENTRY		0.5		21	20			22				SPACE
AUTOMATIC DOORS LOBBY REAR			1.0	23	20			24				SPACE
PARKING GARAGE COILING DOOR	1.0			25	20			26				SPACE
LOBBY AIR HANDLER		1.0		27	20			28				SPACE
LOBBY LCD DISPLAY			1.0	29	20			30				SPACE
LOBBY WALL SCONCES	1.0			31				32				SPACE
SPACE				33				34				SPACE
SPACE				35				36				SPACE
SPACE				37				38				SPACE
SPACE				39				40				SPACE
SPACE				41				42				SPACE
SUB-TOTAL	4.7	4.8	5.2	NEUTRAL BUS / GROUND BUS					1.2	0.8	0.9	SUB-TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 100 AMP BUS	TOTAL kVA A	5.9	PANEL NO. HPP1
MAIN BREAKER: 100 AMP TRIP	TOTAL kVA B	5.6	
MOUNTING: SURFACE	TOTAL kVA C	6.1	LOCATION MECH. RM. 109
SC RATING: 10,000 AIC	TOTAL kVA	17.6	

NOTES: (1) PROVIDE HACR RATED CIRCUIT BREAKERS

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
TEMPORARY LTG.	0.3			1	20			2	3.7			
SPARE				3	20		70	4		3.7		PANELBOARD PP1A (VIA XFMR)
SPARE				5	20			6			3.7	
SPACE				7				8				SPACE
SPACE				9				10				SPACE
SPACE				11				12				SPACE
SPACE				13				14				SPACE
SPACE				15				16				SPACE
SPACE				17				18				SPACE
SPACE				19				20				SPACE
SPACE				21				22				SPACE
SPACE				23				24				SPACE
SPACE				25				26				SPACE
SPACE				27				28				SPACE
SPACE				29				30				SPACE
SPACE				31				32				SPACE
SPACE				33				34				SPACE
SPACE				35				36				SPACE
SPACE				37				38				SPACE
SPACE				39				40				SPACE
SPACE				41				42				SPACE
SUB-TOTAL	0.3	0.0	0.0	NEUTRAL BUS / GROUND BUS					3.7	3.7	3.7	SUB-TOTAL

VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 100 AMP BUS	TOTAL kVA A	4.0	PANEL NO. TP1A
MAIN BREAKER: 100 AMP TRIP	TOTAL kVA B	3.7	
MOUNTING: SURFACE	TOTAL kVA C	3.7	LOCATION RETAIL 106
SC RATING: 25,000 AIC	TOTAL kVA	11.4	

NOTES:

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
SPARE				1	20			2				SPACE
SPARE				3	20			4				SPACE
SPARE				5	20			6				SPACE
SPACE				7				8				SPACE
SPACE				9				10				SPACE
SPACE				11				12				SPACE
SPACE				13				14				SPACE
SPACE				15				16				SPACE
SPACE				17				18				SPACE
SPACE				19				20				SPACE
SPACE				21				22				SPACE
SPACE				23				24				SPACE
SPACE				25				26				SPACE
SPACE				27				28				SPACE
SPACE				29				30				SPACE
SPACE				31				32				SPACE
SPACE				33				34				SPACE
SPACE				35				36				SPACE
SPACE				37				38				SPACE
SPACE				39				40				SPACE
SPACE				41				42				SPACE
SUB-TOTAL	0.0	0.0	0.0	NEUTRAL BUS / GROUND BUS					0.0	0.0	0.0	SUB-TOTAL

VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 225 AMP BUS	TOTAL kVA A	0.0	PANEL NO. TP2A
MAIN BREAKER: 225 AMP TRIP	TOTAL kVA B	0.0	
MOUNTING: SURFACE	TOTAL kVA C	0.0	LOCATION ELEC. RM. 207
SC RATING: 35,000 AIC	TOTAL kVA	0.0	

NOTES:

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
OPEN OFFICE TEMP. LIGHTING	1.3			1	20			2	3.5			
STAIR/CORE LIGHTING		1.8		3	20		50	4		3.5		PANELBOARD MP2L (VIA XFMR)
SPARE				5	20			6			3.5	
SPARE				7	20			8	15.6			
SPARE				9	20		100	10		15.6		ROOF TOP CONDENSING UNIT (1)
SPARE				11	20			12			15.6	
	1.4			13				14				SPACE
EHAUST FAN EF-1 (3 HP)		1.4		15	15			16				SPACE
			1.4	17				18				SPACE
	0.6			19				20				SPACE
PUMP MECH. RM.		0.6		21	15			22				SPACE
			0.6	23				24				SPACE
	5.8			25				26				SPACE
AIR HANDLER SUPPLY FAN (15 HP)		5.8		27	50			28				SPACE
			5.8	29				30				SPACE
SPACE				31				32				SPACE
SPACE				33				34				SPACE
SPACE				35				36				SPACE
SPACE				37				38				SPACE
SPACE				39				40				SPACE
SPACE				41				42				SPACE
SUB-TOTAL	9.1	9.6	7.8	NEUTRAL BUS / GROUND BUS					19.1	19.1	19.1	SUB-TOTAL

VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 225 AMP BUS	TOTAL kVA A	28.2	PANEL NO. MP2H
MAIN BREAKER: 225 AMP TRIP	TOTAL kVA B	28.7	
MOUNTING: SURFACE	TOTAL kVA C	26.9	LOCATION ELEC. RM. 207
SC RATING: 35,000 AIC	TOTAL kVA	83.8	

NOTES: (1) PROVIDE HACR RATED CIRCUIT BREAKER

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
RECEPTS STAIR #1/SOUTH CORE	0.9			1	20			2				SPACE
RECEPTS MECHANICAL/ELECTRICAL		0.9		3	20			4				SPACE
RECEPTS TOILETS/JANITOR			0.9	5	20			6				SPACE
RECEPTS STAIR #2/NORTH CORE	0.8			7	20			8				SPACE
INSTANTANEOUS HOT WATER HTR		1.5		9	20			10				SPACE
INSTANTANEOUS HOT WATER HTR			1.5	11	20			12				SPACE
NATURAL GAS BOILER	0.9			13	20			14				SPACE
NATURAL GAS BOILER		0.9		15	20			16				SPACE
PUMP MECH. RM.			1.1	17	20			18				SPACE
HVAC CONTROL PANEL	1.0			19	20			20				SPACE
ELECTRICAL RM EXHAUST FAN		0.2		21	20			22				SPACE
HEATING PUMP P-3			1.1	23	20			24				SPACE
RADIANT PUMP P-4	0.9			25	20			26				SPACE
SPARE				27	20			28				SPACE
SPARE				29	20			30				SPACE
SPACE				31				32				SPACE
SPACE				33				34				SPACE
SPACE				35				36				SPACE
SPACE				37				38				SPACE
SPACE				39				40				SPACE
SPACE				41				42				SPACE
SUB-TOTAL	4.5	3.5	4.6	NEUTRAL BUS / GROUND BUS					0.0	0.0	0.0	SUB-TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 100 AMP BUS	TOTAL kVA A	4.5	PANEL NO. MP2L
MAIN BREAKER: 100 AMP TRIP	TOTAL kVA B	3.5	
MOUNTING: SURFACE	TOTAL kVA C	4.6	LOCATION ELEC. RM. 207
SC RATING: 10,000 AIC	TOTAL kVA	12.6	

NOTES:

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
SPARE				1	20			2				SPACE
SPARE				3	20			4				SPACE
SPARE				5	20			6				SPACE
SPACE				7				8				SPACE
SPACE				9				10				SPACE
SPACE				11				12				SPACE
SPACE				13				14				SPACE
SPACE				15				16				SPACE
SPACE				17				18				SPACE
SPACE				19				20				SPACE
SPACE				21				22				SPACE
SPACE				23				24				SPACE
SPACE				25				26				SPACE
SPACE				27				28				SPACE
SPACE				29				30				SPACE
SPACE				31				32				SPACE
SPACE				33				34				SPACE
SPACE				35				36				SPACE
SPACE				37				38				SPACE
SPACE				39				40				SPACE
SPACE				41				42				SPACE
SUB-TOTAL	0.0	0.0	0.0	NEUTRAL BUS / GROUND BUS					0.0	0.0	0.0	SUB-TOTAL

VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 225 AMP BUS	TOTAL kVA A	0.0	PANEL NO. TP2B
MAIN BREAKER: 225 AMP TRIP	TOTAL kVA B	0.0	
MOUNTING: SURFACE	TOTAL kVA C	0.0	LOCATION ELEC. RM. 207
SC RATING: 35,000 AIC	TOTAL kVA	0.0	

NOTES:

E.S. BOULOS CO
ELECTRICAL CONTRACTORS

NOTE:

1. SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.

REV.	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	12-15-03

ISSUED FOR CONSTRUCTION
12-15-03

CURRENT ISSUE STATUS:

STATE OF MAINE DANIEL J. TIBBETTS NO. 9836 REGISTERED PROFESSIONAL ENGINEER 12/15/03

SMRT

ARCHITECTURE ENGINEERING PLANNING

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PROJECT: FORE STREET OFFICE BUILDING, PORTLAND, MAINE

SHEET TITLE: PANEL SCHEDULES

SCALE:	NONE	DATE:	12-15-03
PROJECT MANAGER:	JLJ	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	RJL/LAM		
A/E OF RECORD:	DJT	SHEET No.	EP601
SMRT CAD FILE:	EP601-03087		
PROJECT No.	03087		

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