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
RECEPT RETAIL 106	0.2			1	20		40	2	2.2			RETAIL CONDENSING UNIT (1)
AIR HANDLER AHU-1		1.0		3	20			4		2.2		
AIR HANDLER AHU-2			1.0	5	20		40	6			2.2	RETAIL CONDENSING UNIT (1)
SPARE				7	20			8	2.2			
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
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	0.2	1.0	4.0			NEUTRAL BUS / GROUND BUS			4.2	2.2	2.2	SUB-TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 200 AMP BUS	TOTAL kVA A	4.6	PANEL NO. PP1A
MAIN LUGS ONLY 150 AMP LUGS	TOTAL kVA B	3.2	
MOUNTING: SURFACE	TOTAL kVA C	3.2	LOCATION RETAIL 106
SC RATING: 10,000 AIC	TOTAL kVA	11.0	

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
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. TP3A
MAIN BREAKER: 225 AMP TRIP	TOTAL kVA B	0.0	
MOUNTING: SURFACE	TOTAL kVA C	0.0	LOCATION ELEC. RM. 307
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
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. TP3B
MAIN BREAKER: 225 AMP TRIP	TOTAL kVA B	0.0	
MOUNTING: SURFACE	TOTAL kVA C	0.0	LOCATION ELEC. RM. 307
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
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. TP3C
MAIN BREAKER: 225 AMP TRIP	TOTAL kVA B	0.0	
MOUNTING: SURFACE	TOTAL kVA C	0.0	LOCATION ELEC. RM. 307
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	1.7			1	20			2	3.2			
STAIR/CORE LIGHTING		1.9		3	20		50	4		3.2		PANELBOARD MP3L (VIA XFMR)
SPARE				5	20			6			3.2	
SPACE				7				8	15.6			
SPACE				9			110	10		15.6		ROOF-TOP CONDENSING UNIT (1)
SPACE				11				12			15.6	
	1.0			13				14				SPACE
EXHAUST FAN EF-2 (2 HP)		1.0		15	15			16				SPACE
			1.0	17				18				SPACE
	0.6			19				20				SPACE
MECH. RM. PUMP		0.6		21	15			22				SPACE
			0.6	23				24				SPACE
	7.5			25				26				SPACE
AIR HANDLER SUPPLY FAN (20 HP)		7.5		27	60			28				SPACE
			7.5	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	11.1	11.3	9.4			NEUTRAL BUS / GROUND BUS			18.8	18.8	18.8	SUB-TOTAL

VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 225 AMP BUS	TOTAL kVA A	29.9	PANEL NO. MP3H
MAIN BREAKER: 225 AMP TRIP	TOTAL kVA B	30.1	
MOUNTING: SURFACE	TOTAL kVA C	28.2	LOCATION ELEC. RM. 307
SC RATING: 35,000 AIC	TOTAL kVA	88.2	

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
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. TP3B
MAIN BREAKER: 225 AMP TRIP	TOTAL kVA B	0.0	
MOUNTING: SURFACE	TOTAL kVA C	0.0	LOCATION ELEC. RM. 307
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
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 HEATER		1.5		9	20			10				SPACE
INSTANTANEOUS HOT WATER HEATER			1.5	11	20			12				SPACE
NATURAL GAS BOILER	0.9			13	20			14				SPACE
MECH. RM. PUMP		1.1		15	20			16				SPACE
HVAC CONTROL PANEL			1.0	17	20			18				SPACE
ELECTRICAL RM EXHAUST FAN	0.2			19	20			20				SPACE
SPARE				21	20			22				SPACE
SPARE				23	20			24				SPACE
SPARE				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	2.8	3.5	3.4			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	2.8	PANEL NO. MP3L
MAIN BREAKER: 100 AMP TRIP	TOTAL kVA B	3.5	
MOUNTING: SURFACE	TOTAL kVA C	3.4	LOCATION ELEC. RM. 307
SC RATING: 10,000 AIC	TOTAL kVA	9.7	

NOTES:

ESB
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

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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.	EP602
SMRT CAD FILE:	EP602-03087		
PROJECT No.	03087		

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