DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
LTG OFFICES 424–429, 433–442	2.8			1	20		2				SPACE
LTG WEST OPEN OFFICES		2.1		3	20		4				SPACE
LTG RMS 444–453, 463–465			3.3	5	20		6				SPACE
LTG RMS 456–460, 466–472	2.9			7	20		8				SPACE
LTG RMS 474, 475, 477–479		1.1		9	20		10				SPACE
LTG BREAK RM.			1.0	11	20		12				SPACE
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
SUB–TOTAL	5.7	3.2	4.3	NEUTRAL BUS / GROUND BUS				0.0	0.0	0.0	SUB–TOTAL

VOLTAGE: 480Y/277V	3 PHASE	4 WIRE	100 AMP BUS	TOTAL kVA	A	5.7	PANEL NO. / EXISTING LPT4
MAIN LUGS ONLY			100 AMP LUGS	TOTAL kVA	B	3.2	
MOUNTING: SURFACE				TOTAL kVA	C	4.3	LOCATION / ELEC. RM. 407
SC RATING: 35,000 AIC				TOTAL kVA		13.2	
NOTES:							

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
COPIER RECEPT FINANCIAL STATEMENT	1.0			1	20	20	2	0.2			BREAK RM COUNTER RECEPT
COPIER RECEPT FINANCIAL STATEMENT		1.0		3	20	20	4		0.2		BREAK RM COUNTER RECEPT
SPARE				5	20	20	6			0.2	BREAK RM COUNTER RECEPT
RECEPTPRINTER/FAX 430	0.4			7	20	20	8	0.2			BREAK RM COUNTER RECEPT
COPIER RECEPT PRINTER/FAX 430		1.0		9	20	20	10		1.0		BREAK RM DISHWASHER
RECEPTS OPEN OFFICE 431			0.9	11	20	20	12			1.0	BREAK RM VENDING
RECEPTS RMS 441, 431	0.9			13	20	20	14	1.0			BREAK RM VENDING
VAV BOXES		0.8		15	20	20	16		1.0		BREAK RM REFRIGERATOR
SPARE				17	20	20	18			1.0	BREAK RM REFRIGERATOR
BREAK RM. MICROWAVE	1.0			19	20	20	20	0.8			RECEPTS BREAK RM.
BREAK RM. MICROWAVE		1.0		21	20	20	22				SPARE
RECEPTS STAIR CORR./FILE RM.			0.9	23	20	20	24				SPARE
(1) RECEPTS FINANCIAL STATEMENT	1.1			25	20	20	26	1.3			ELECTRICAL WATER HTR DHW–2 (1)
(1) RECEPTS FINANCIAL STATEMENT		0.9		27	20		28		1.3		
(1) COMPUTER RM. CRAC–1			0.6	29	15		30				SPACE
	0.6			31			32				SPACE
(1) RECEPTS RMS 458, 465, 477, 479		0.9		33	20		34				SPACE
SPACE				35			36				SPACE
SPACE				37			38				SPACE
SPACE				39			40				SPACE
SPACE				41			42				SPACE
SUB–TOTAL	5.0	5.6	2.4	NEUTRAL BUS / GROUND BUS				3.5	3.5	2.2	SUB–TOTAL

VOLTAGE: 208Y/120V	3 PHASE	4 WIRE	225 AMP BUS	TOTAL kVA	A	8.5	PANEL NO. / EXISTING PP4A SECTION 1
MAIN BREAKER:			150 AMP TRIP	TOTAL kVA	B	9.1	
MOUNTING: SURFACE				TOTAL kVA	C	4.6	LOCATION / ELEC. RM. 407
SC RATING: 10,000 AIC				TOTAL kVA		22.2	
NOTES: 1. PANEL BOARD TO BE PROVIDED W/FEED THROUGH LUGS.							

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
MODULAR FURNITURE CORR. 453	1.0			43	20	30	44	2.5			COMPUTER ROOM RACK RECEPT (1)
MODULAR FURNITURE CORR. 453		1.0		45	20	30	46		2.5		COMPUTER ROOM RACK RECEPT (1)
MODULAR FURNITURE CORR. 453			1.0	47	20	30	48			2.5	COMPUTER ROOM RACK RECEPT (1)
MODULAR FURNITURE OFFICE 431	1.3			49	20	30	50	2.5			COMPUTER ROOM RACK RECEPT (1)
MODULAR FURNITURE OFFICE 431		1.3		51	20	30	52		2.5		COMPUTER ROOM RACK RECEPT (1)
MODULAR FURNITURE OFFICE 431			1.3	53	20	20	54				SPARE
MODULAR FURNITURE OFFICE 441	0.7			55	20	20	56				SPARE
MODULAR FURNITURE OFFICE 441		0.7		57	20	20	58				SPARE
MODULAR FURNITURE OFFICE 441			0.7	59	20	20	60				SPARE
SPARE				61	20	20	62				SPARE
SPARE				63	20	60	64		3.0		PHONE EQUIPMENT RECEPT (1)
SPARE				65	20		66			3.0	
SPACE				67			68				SPACE
SPACE				69			70				SPACE
SPACE				71			72				SPACE
SPACE				73			74				SPACE
SPACE				75			76				SPACE
SPACE				77			78				SPACE
SPACE				79			80				SPACE
SPACE				81			82				SPACE
SPACE				83			84				SPACE
SUB–TOTAL	3.0	3.0	3.0	NEUTRAL BUS / GROUND BUS				5.0	8.0	5.5	SUB–TOTAL

VOLTAGE: 208Y/120V	3 PHASE	4 WIRE	225 AMP BUS	TOTAL kVA	A	8.0	PANEL NO. / EXISTING CP4A SECTION 2
MAIN LUGS ONLY			225 AMP LUGS	TOTAL kVA	B	11.0	
MOUNTING: SURFACE				TOTAL kVA	C	8.5	LOCATION / ELEC. RM. 407
SC RATING: 10,000 AIC				TOTAL kVA		27.5	
NOTES:							

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
LTG. STAIRS/TOILETS/ELEC./MECH.	1.7			1	20	20	2	1.5			NIGHT LIGHTS/EXIT/EMERG.
LTG. RMS RECEPTION/LG. CONF. RM.		2.8		3	20		4				SPACE
LTG OPEN OFFICE			2.4	5	20		6				SPACE
LTG RMS 576–586, 566–569	3.3			7	20		8				SPACE
LTG RMS 560, 563, 564		3.0		9	20		10				SPACE
LTG. RMS 551–559			3.3	11	20		12				SPACE
SPARE	1.8			13	20		14				SPACE
SPARE		1.9		15	20		16				SPACE
SPACE				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
SUB–TOTAL	6.8	7.7	5.7	NEUTRAL BUS / GROUND BUS				1.5	0.0	0.0	SUB–TOTAL

VOLTAGE: 480Y/277V	3 PHASE	4 WIRE	100 AMP BUS	TOTAL kVA	A	8.3	PANEL NO. / EXISTING LPT5
MAIN LUGS ONLY			100 AMP LUGS	TOTAL kVA	B	7.7	
MOUNTING: SURFACE				TOTAL kVA	C	5.7	LOCATION / ELEC. RM. 507
SC RATING: 35,000 AIC				TOTAL kVA		21.7	
NOTES:							

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
RECEPTS OFFICE 585,586	1.8			1	20	20	2	1.8			RECEPTS OFFICE 534,536
RECEPTS OFFICE 583,584		1.8		3	20	20	4		1.8		RECEPTS OFFICE 524,525
RECEPTS OFFICE 581,582			1.8	5	20	20	6			1.8	RECEPTS OFFICE 522,523
RECEPTS OFFICE 579,580	1.8			7	20	20	8	1.8			RECEPTS OFFICE 520,521
RECEPTS OFFICE 577,578		1.8		9	20	20	10		1.8		RECEPTS OFFICE 566,567
RECEPTS OFFICE 559,576			1.8	11	20	20	12			0.9	RECEPTS RECEPTION DESK
RECEPTS OFFICE 557,558	1.8			13	20	20	14	0.6			RECEPTS TEL/DATA RM
RECEPTS OFFICE 555,556		1.8		15	20	20	16				SPARE
RECEPTS OFFICE 553,554			1.8	17	20	20	18				SPARE
RECEPTS OFFICE 551,552	1.8			19	20	20	20				SPARE
RECEPTS OFFICE 539,550		1.8		21	20	20	22				SPARE
(1) RECEPTS OFFICE 537,538			1.8	23	20		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	7.2	7.2	7.2	NEUTRAL BUS / GROUND BUS				4.2	3.6	2.7	SUB–TOTAL

VOLTAGE: 208Y/120V	3 PHASE	4 WIRE	225 AMP BUS	TOTAL kVA	A	11.4	PANEL NO. / EXISTING CP5A SECTION 1
MAIN BREAKER:			225 AMP TRIP	TOTAL kVA	B	10.8	
MOUNTING: SURFACE				TOTAL kVA	C	9.9	LOCATION / ELEC. RM. 507
SC RATING: 10,000 AIC				TOTAL kVA		32.1	
NOTES: (1) NEW CIRCUIT BREAKER IN EXISTING PANELBOARD							

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
MODULAR FURNITURE JB #1	0.8			43	20	20	44	1.4			MODULAR FURNITURE JB #10
MODULAR FURNITURE JB #1		0.8		45	20	20	46		1.4		MODULAR FURNITURE JB #10
MODULAR FURNITURE JB #1			0.8	47	20	20	48			1.4	MODULAR FURNITURE JB #10
MODULAR FURNITURE JB #2	1.0			49	20	20	50	1.4			MODULAR FURNITURE JB #11
MODULAR FURNITURE JB #2		1.0		51	20	20	52		1.4		MODULAR FURNITURE JB #11
MODULAR FURNITURE JB #2			1.0	53	20	20	54			1.4	MODULAR FURNITURE JB #11
MODULAR FURNITURE JB #3	0.7			55	20	20	56	1.4			MODULAR FURNITURE JB #12,13
MODULAR FURNITURE JB #3		0.7		57	20	20	58		1.4		MODULAR FURNITURE JB #12,13
MODULAR FURNITURE JB #3			0.7	59	20	20	60			1.4	MODULAR FURNITURE JB #12,13
MODULAR FURNITURE JB #4	0.7			61	20	20	62				SPARE
MODULAR FURNITURE JB #4		0.7		63	20	20	64				SPARE
(1) MODULAR FURNITURE JB #4			0.7	65	20		66				SPACE
(1) MODULAR FURNITURE JB #5	1.0			67	20		68				SPACE
(1) MODULAR FURNITURE JB #5		1.0		69	20		70				SPACE
(1) MODULAR FURNITURE JB #5			1.0	71	20		72				SPACE
(1) MODULAR FURNITURE JB #6	1.0			73	20		74				SPACE
(1) MODULAR FURNITURE JB #6		1.0		75	20		76				SPACE
(1) MODULAR FURNITURE JB #6			1.0	77	20		78				SPACE
(1) MODULAR FURNITURE JB #7,8,9	0.8			79	20		80				SPACE
(1) MODULAR FURNITURE JB #7,8,9		0.8		81	20		82				SPACE
(1) MODULAR FURNITURE JB #7,8,9			0.8	83	20		84				SPACE
SUB–TOTAL	6.0	6.0	6.0	NEUTRAL BUS / GROUND BUS				4.2	4.2	4.2	SUB–TOTAL

VOLTAGE: 208Y/120V	3 PHASE	4 WIRE	225 AMP BUS	TOTAL kVA	A	10.2	PANEL NO. / EXISTING CP5A SECTION 2
MAIN LUGS ONLY			225 AMP LUGS	TOTAL kVA	B	10.2	
MOUNTING: SURFACE				TOTAL kVA	C	10.2	LOCATION / ELEC. RM. 507
SC RATING: 10,000 AIC				TOTAL kVA		30.6	
NOTES: (1) NEW CIRCUIT BREAKER IN EXISTING PANELBOARD							

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
RECEPTS OFFICE 424, 425	1.8			1	20	20	2	0.8			COMPUTER RM RECEPTS
RECEPTS OFFICE 426, 427		1.8		3	20	20	4		0.8		COMPUTER RM RECEPTS
RECEPTS OFFICE 428, 429			1.8	5	20	20	6			0.6	COMPUTER RM RECEPTS
RECEPTS OFFICE 433, 434	1.8			7	20	20	8				SPARE
RECEPTS OFFICE 435, 443		1.8		9	20	20	10				SPARE
RECEPTS OFFICE 444, 445			1.8	11	20	20	12				SPARE
RECEPTS OFFICE 446, 447	1.8			13	20	20	14				SPARE
RECEPTS OFFICE 448, 449		1.8		15	20	20	16				SPARE
RECEPTS OFFICE 450, 451			1.8	17	20	20	18				SPARE
RECEPTS OFFICE 437, 438	1.8			19	20	20	20				SPARE
RECEPTS OFFICE 440, 441		1.8		21	20	20	22				SPARE
(1) RECEPTS OFFICE 457, 469			1.8	23	20		24				SPACE
(1) RECEPTS OFFICE 466, 468	1.8			25	20		26				SPACE
(1) RECEPTS OFFICE 459, 460		1.8		27	20		28				SPACE
(1) RECEPTS OFFICE 463, 464			1.8	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	9.0	9.0	9.0	NEUTRAL BUS / GROUND BUS				0.8	0.8	0.6	SUB–TOTAL

VOLTAGE: 208Y/120V	3 PHASE	4 WIRE	225 AMP BUS	TOTAL kVA	A	9.8	PANEL NO. / EXISTING CP4A SECTION 1
MAIN BREAKER:			225 AMP TRIP	TOTAL kVA	B	9.8	
MOUNTING: SURFACE				TOTAL kVA	C	9.6	LOCATION / ELEC. RM. 407
SC RATING: 10,000 AIC				TOTAL kVA		29.2	
NOTES: (1) PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANELBOARD							

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
(2) RECEPTS STAIR #1/SOUTH CORE	0.9			1	20	20	2	0.6			ROOF–TOP RECEPTS (2)
(2) RECEPTS ELECTRICAL/MECHANICAL		0.9		3	20	20	4		0.9		RECEPTS OPEN OFFICE 573
(2) RECEPTS TOILET/JANITOR			0.9	5	20	20	6			0.9	RECEPTS RMS 565, 568, 570, 573
(2) RECEPTS STAIR #2/NORTH CORE	0.8			7	20	20	8	1.0			REFRIG. COORIDOR 570
(2) INSTANTANEOUS WATER HEATER		1.5		9	20	20	10		0.4		COUNTER RECEPT CORR. 570
(2) INSTANTANEOUS WATER HEATER			1.5	11	20	20	12			0.4	COUNTER RECEPT CORR. 570
VAV BOXES 501–518	1.0			13	20	20	14	0.8			RECEPTS CORRIDOR 533
WATER HEATER DHW–3 (1.4KW)		1.4		15	20	20	16		0.6		RECEPTS OPEN OFFICE 560
(2) PUMP MECH. RM.			1.1	17	20	20	18			0.8	RECEPTS OPEN OFFICE 560
(2) HVAC CONTROL PANEL	1.0			19	20	20	20	0.6			RECEPTS COPY/FAX 569
(2) NATURAL GAS BOILER		0.9		21	20	20	22		0.6		RECEPTS COPY/FAX 569
(2) ELECTRICAL RM EXHAUST FAN			0.2	23	20	20	24			1.0	COPIER RECEPT COPY/FAX 569 (1)
RECEPTS CORR. 533, 546	0.8			25	20	20	26	0.8			RECEPTS LIBRARY 564 (1)
(1) RECEPTS CONFERENCE 526		1.1		27	20	20	28		0.8		RECEPTS RECEPTION (1)
(1) RECEPTS CONFERENCE 532			0.9	29	20	20	30			1.0	MOTORIZED SCREEN CONF. RM. (1)
(1) RECEPTS CONFERENCE 532	0.8			31	20	50	32	2.0			CU–8 COMPUTER RM. AC (1)
(1) RECEPTS CONFERENCE 540		1.1		33	20		34		2.0		
(1) RECEPTS CONFERENCE 541			0.8	35	20	20	36			0.9	EXHAUST FAN EF–20 (1/3 HP) (1)
(1) RECEPTS CONFERENCE 545	0.8			37	20	20	38	2.0			SPARE (1)
(1) RECEPTS CONFERENCE 543		0.8		39	20		40				SPACE
(1) RECEPTS CONFERENCE 542			0.8	41	20		42				SPACE
SUB–TOTAL	6.1	7.7	6.2	NEUTRAL BUS / GROUND BUS				5.8	5.3	5.0	SUB–TOTAL

VOLTAGE: 208Y/120V	3 PHASE	4 WIRE	225 AMP BUS	TOTAL kVA	A	11.9	PANEL NO. / EXIST. PP5A SECTION 1
MAIN BREAKER:			225 AMP TRIP	TOTAL kVA	B	13.0	
MOUNTING: SURFACE				TOTAL kVA	C	11.2	LOCATION / ELEC. RM. 507
SC RATING: 10,000 AIC				TOTAL kVA		36.1	
NOTES: (1) PANEL BOARD TO BE PROVIDED W/FEED THROUGH LUGS. (2) BRANCH CIRCUITS FOR EQUIPMENT INSTALLED UNDER BASE BUILDING CONTRACT							

NOTES:

1. SEE SHEET E–001 FOR LEGEND AND GENERAL NOTES.
2. UNLESS OTHERWISE NOTED ON PANEL SCHEDULE, ALL PANELBOARDS AND CIRCUIT BREAKERS ARE EXISTING.

REV.	DESCRIPTION	DATE
0	ISSUED FOR PERMIT/CONTRACT	6–11–04

ISSUED FOR PERMIT/CONTRACT 6–11–04

CURRENT ISSUE STATUS:

STATE OF MAINE DANIEL J. TIBBETTS NO. 9838 REGISTERED PROFESSIONAL ENGINEER 6/11/04

SMRT

ARCHITECTURE ENGINEERING PLANNING

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PROJECT: BAKER NEWMAN NOYES FIT–UP, PORTLAND, MAINE

SHEET TITLE: PANEL SCHEDULES

SCALE:	NONE	DATE:	6–11–04
PROJECT MANAGER:	JLH	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	DJM/LAM		
A/E OF RECORD:	DJT	SHEET No.	EP601
SMRT CAD FILE:	EP601–03137		
PROJECT No.	03137		

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