DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
EGRESS LTG & EXITS – AREA A	3.0			1	20		20	2				SPARE
EGRESS LTG & EXITS – AREA B		2.5		3	20		20	4				SPARE
EGRESS LTG & EXITS – AREA C & D			0.9	5	20		20	6				SPARE
SPACE				7				8				SPACE
SPACE				9				10				SPACE
SPACE				11				12				SPACE
SUB–TOTAL	3.0	2.5	0.9	NEUTRAL BUS / GROUND BUS					0.0	0.0	0.0	SUB–TOTAL

VOLTAGE: 480Y/277V 3 PHASE 4 WIRE	125 AMP BUS	TOTAL kVA A	3.0	PANEL NO.	LSB3–4 (LIFE SAFETY)
MAIN LUGS ONLY	40 AMP LUGS	TOTAL kVA B	2.5		
MOUNTING: SURFACE		TOTAL kVA C	0.9	LOCATION	3RD FLOOR ELEC 3204
SC RATING: 14,000 AIC		TOTAL kVA	6.4		

NOTES:

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
(3) LTG–ICU 3101, OR 3103	2.3			1	20		20	2				SPARE (2)
(2) SPARE				3	20		20	4				SPARE (2)
(2) SPARE				5	20		20	6				SPARE (2)
(2) SPARE				7	20		20	8				SPARE (2)
(2) SPARE				9	20		20	10				SPARE (2)
			10.0	11			20	12				SPARE (2)
(1) 30 kVA XFMR FOR L23C	10.0			13	50		20	14				SPARE (2)
	10.0			15				16				SPACE
SPACE				17				18				SPACE
SPACE				19				20				SPACE
SPACE				21				22				SPACE
SPACE				23				24				SPACE
SUB–TOTAL	12.3	10.0	10.0	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	12.3	PANEL NO.	L43C (EXIST–CRITICAL)
MAIN LUGS ONLY	125 AMP LUGS	TOTAL kVA B	10.0		
MOUNTING: SURFACE		TOTAL kVA C	10.0	LOCATION	3RD FLOOR ELEC ROOM 3114
SC RATING: 18,000 AIC		TOTAL kVA	32.3		

NOTES: (1) EXISTING CIRCUIT TO REMAIN (2) EXISTING CIRCUIT TO BECOME SPARE (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (5) NEW CIRCUIT BREAKER (6) EXISTING CIRCUIT PARTIALLY DELETED

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
(3) EQUIPMENT BOOM – ICU/TRAUMA 3101	0.4			1	20		20	2	0.4			EQUIPMENT BOOM – OR 3103 (3)
(3) EQUIPMENT BOOM – ICU/TRAUMA 3101		0.4		3	20		20	4		0.4		EQUIPMENT BOOM – OR 3103 (3)
(3) EQUIPMENT BOOM – ICU/TRAUMA 3101			0.4	5	20		20	6			0.4	EQUIPMENT BOOM – OR 3103 (3)
(3) EQUIPMENT BOOM – ICU/TRAUMA 3101	0.4			7	20		20	8	0.4			EQUIPMENT BOOM – OR 3103 (3)
(3) RECEPTS – ICU/TRAUMA 3101; CLOCK		0.6		9	20		20	10		1.0*		RECEPTS – CENTRAL CONTROL 3100 (1)
(3) RECEPTS – ICU/TRAUMA 3101; CONTROL CONTACTOR			0.6	11	20		20	12			0.6	RECEPTS – SIM PATIENT ROOM 3107; CONTROL CONTACTOR (3)
(1) RECEPTS – HALLWAY	1.0*			13	20		20	14	1.0*			RECEPTS – HALLWAY (1)
(2) SPARE				15	20		20	16		0.6		RECEPTS – OR 3103; CLOCK (3)
(2) SPARE				17	20		20	18			0.4	RECEPTS – OR 3103; CONTROL CONTACTOR (3)
(1) LAZER RECEPT – OR 3103	3.0*			19	50		20	20	1.0*			HONEYWELL RCM (1)
		3.0*		21			20	22		0.2		LINE ISOLATION CONTROL – ICU & OR (3)
(3) LTG – ICU 3101, OR 3103, SIM TOILET 3106			0.8	23	20		20	24				SPARE (2)
				25				26				
(2) SPARE				27	60		30	28				SPARE (2)
				29				30				
SUB–TOTAL	4.8*	4.0*	1.8*	NEUTRAL BUS / GROUND BUS					2.8*	2.2*	1.4*	SUB–TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE	100 AMP BUS	TOTAL kVA A	7.6*	PANEL NO.	L23C (EXIST – CRITICAL)
MAIN BREAKER:	100 AMP TRIP	TOTAL kVA B	6.0*		
MOUNTING: SURFACE		TOTAL kVA C	3.2*	LOCATION	3RD FLOOR ELEC ROOM 3114
SC RATING: 10,000 AIC		TOTAL kVA	16.8*		

NOTES: (1) EXISTING CIRCUIT TO REMAIN (2) EXISTING CIRCUIT TO BECOME SPARE (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (5) NEW CIRCUIT BREAKER (6) EXISTING CIRCUIT PARTIALLY DELETED

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
(3) RECEPT – IT/SERVER 3250	2.0			1	30		30	2	2.5			ISOLATION PANEL – LOP 2ND FLOOR (1)
		2.0		3				4		2.5		
(3) RECEPT – IT/SERVER 3250			2.0	5	30		30	6			2.0	RECEPT – IT/SERVER 3250 (3)
	2.0			7				8	2.0			
(3) RECEPT – IT/SERVER 3250		2.0		9	30		30	10				SPARE (2)
			2.0	11				12				
SPACE				13				14				SPACE
SPACE				15				16				SPACE
SPACE				17				18				SPACE
				19				20				UNUSABLE
(1) PANEL DX				21	125			22				
				23				24				
SUB–TOTAL	6.0	6.0		NEUTRAL BUS / GROUND BUS					4.5	2.5	2.0	SUB–TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE	225 AMP BUS	TOTAL kVA A	10.5	PANEL NO.	DC (EXIST – CRITICAL)
MAIN BREAKER:	225 AMP TRIP	TOTAL kVA B	8.5		
MOUNTING: SURFACE		TOTAL kVA C	8.0	LOCATION	MECH ROOM 3352
SC RATING: 10,000 AIC		TOTAL kVA	27.0		

NOTES: (1) EXISTING CIRCUIT TO REMAIN (2) EXISTING CIRCUIT TO BECOME SPARE (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (5) NEW CIRCUIT BREAKER (6) EXISTING CIRCUIT PARTIALLY DELETED

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
		5.8		1				2				
(1) AC #3			5.8	3	30		30	4				SPARE
	5.8			5				6				
		5.0		7				8				
(1) 15 kVA XFMR FOR L23E			5.0	9	30		30	10				SPARE
				11				12				
				13				14	4.0			
SPARE				15	30		30	16		4.0		AC #5 (1)
				17				18			4.0	
	5.8			19				20				
(1) AC #2		5.8		21	50		30	22				SPARE
			5.8	23				24				
	1.0			25				26	1.0			
(1) PROP FAN #3		1.0		27	20		20	28		1.0		PROP FAN #4 (1)
			1.0	29				30			1.0	
	3.5			31				32	0.3			
(5) CRU–1 (IT SERVER RM 3250)		3.5		33	25		20	34		0.3		EF–3 (1)
			3.5	35				36			0.3	
	3.5			37				38	1.3			
(5) CRU–2 (IT SERVER RM 3250)		3.5		39	25		20	40		1.3		DUMB WAITER (1)
			3.5	41				42			1.3	
	2.1			43				44	1.3			
(1) RA #3		2.1		45	20		20	46		1.3		DUMB WAITER (1)
			2.1	47				48			1.3	
	1.0			49				50	3.3*			
(1) COND. RETURN PUMP		1.0		51	20		20	52		3.3*		BOOSTER PUMP (1)
			1.0	53				54			3.3*	
				55				56	3.3*			
SPARE				57	20		20	58		3.3*		LIEBERT 2 & 3 CONDENSING UNIT (1)
				59				60			3.3*	
				61				62	6.6*			
SPARE				63	20		40	64		6.6*		LIEBERT #2 (1)
				65				66			6.6*	
(5) CU–1 & 2 (IT SERVER RM 3250)	1.2			67	20			68	6.6*			
		1.2		69			40	70		6.6*		LIEBERT #3 (1)
SPACE				71				72			6.6*	
SUB–TOTAL	28.9	28.9	27.7	NEUTRAL BUS / GROUND BUS					27.7	27.7	27.7	SUB–TOTAL

VOLTAGE: 480V 3 PHASE 3 WIRE	225 AMP BUS	TOTAL kVA A	56.6	PANEL NO.	P43E (EXIST–EQUIPMENT)
MAIN LUGS ONLY	225 AMP LUGS	TOTAL kVA B	56.6		
MOUNTING: SURFACE		TOTAL kVA C	55.4	LOCATION	3RD FLOOR MECH ROOM 3352
SC RATING: 18,000 AIC		TOTAL kVA	168.6		

NOTES: (1) EXISTING CIRCUIT TO REMAIN (2) EXISTING CIRCUIT TO BECOME SPARE (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (5) NEW CIRCUIT BREAKER (6) EXISTING CIRCUIT PARTIALLY DELETED

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
(1) LTS – MACHINE ROOM	1.0*			1	20		20	2				SPARE (2)
(1) RECEPTS – MACHINE ROOM		1.0*		3	20		20	4				SPARE (2)
(2) SPARE				5	20		20	6				SPARE (2)
(1)	1.0*			7	20		20	8	1.0*			UNIT HEATER #7 – STAIRWELL "D" (1)
(1) UNIT HEATER #3 – STAIRWELL "E"		1.0*		9	20		20	10		0.2		RECEPT – UNDER PANEL (1)
SPARE				11	20		20	12			1.0*	HONEYWELL ACM (1)
SPACE				13			20	14				SPARE (2)
SPACE				15			20	16				SPARE (2)
SPACE				17			20	18				SPARE (2)
SPACE				19			20					SPACE
SPACE				21			22					SPACE
SPACE				23			24					SPACE
SUB–TOTAL	2.0*	2.0*	0.0	NEUTRAL BUS / GROUND BUS					1.0*	0.2*	1.0*	SUB–TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE	100 AMP BUS	TOTAL kVA A	3.0*	PANEL NO.	L23E (EXIST – EQUIPMENT)
MAIN BREAKER:	50 AMP TRIP	TOTAL kVA B	2.2*		
MOUNTING: SURFACE		TOTAL kVA C	1.0*	LOCATION	3RD FLOOR MECH ROOM 3352
SC RATING: 10,000 AIC		TOTAL kVA	6.2*		

NOTES: (1) EXISTING CIRCUIT TO REMAIN (2) EXISTING CIRCUIT TO BECOME SPARE (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (5) NEW CIRCUIT BREAKER (6) EXISTING CIRCUIT PARTIALLY DELETED

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
(3) MAG LOCKS – AREA B	0.2			1	20		20	2				SPARE (2)
(2) SPARE				3	20		20	4				SPARE (2)
(2) SPARE				5	20		20	6				SPARE (2)
(2) SPARE				7	20		20	8				SPARE (2)
(1) RECEPTS – EXEC OFFICES		1.0*		9	20		20	10				SPARE (2)
(1) RECEPTS – EXEC OFFICES			1.0*	11	20		20	12				SPARE (2)
(1)	1.0*			13	20		20	14				SPARE
(2) SPARE				15	20		20	16				SPARE
(2) SPARE				17	20		20	18				SPARE
(2) SPARE				19	20			20				SPACE
(2) SPARE				21	20			22				SPACE
(2) SPARE				23	20			24				SPACE
(2) SPARE				25	20			26				SPACE
(2) SPARE				27	20			28				SPACE
(2) SPARE				29	20			30				SPACE
SUB–TOTAL	1.2*	1.0*	1.0*	NEUTRAL BUS / GROUND BUS					0.0	0.0	0.0	SUB–TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE	225 AMP BUS	TOTAL kVA A	1.2*	PANEL NO.	L23CB (EXIST – EQUIPMENT)
MAIN LUGS ONLY	225 AMP LUGS	TOTAL kVA B	1.0*		
MOUNTING: RECESSED		TOTAL kVA C	1.0*	LOCATION	3RD FLOOR ELEC 3204
SC RATING: 10,000 AIC		TOTAL kVA	3.2*		

NOTES: (1) EXISTING CIRCUIT TO REMAIN (2) EXISTING CIRCUIT TO BECOME SPARE (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (5) NEW CIRCUIT BREAKER (6) EXISTING CIRCUIT PARTIALLY DELETED

DIRECTORY	kVA LOAD A	B	C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	B	C	DIRECTORY
(3) RECEPTS – PATIENT ROOM 3111	0.4			1	20		20	2				SPARE (2)
(2) SPARE				3	20		20	4				SPARE (2)
(2) SPARE				5	20		20	6				SPARE (2)
(2) SPARE				7	20		20	8				SPARE (2)
(2) SPARE				9	20		20	10				SPARE (2)
(2) SPARE				11	20		20	12			1.0*	EF–1, EF–1A (1)
(2) SPARE				13	20		20	14				SPARE (2)
(2) SPARE				15	20		20	16				SPARE (2)
(2) SPARE				17	20		20	18				SPARE (2)
(2) SPARE				19	20		20	20				SPARE (2)
(2) SPARE				21	20		20	22		1.0*		AUTO DOORS – MAC AREA (1)
(2) SPARE				23	20		20	24			1.0*	* (1)
(2) SPARE				25	20		20	26	1.0*			* (1)
(2) SPARE				27	20		20	28				SPARE (2)
(1) LIGHTS – ELEVATOR			1.0*	29	20		20	30				SPARE (2)
(1) LIGHTS – STAIRWELL	1.0*			31	20		20	32	1.0*			* (1)
(1) LIGHTS – PENTHOUSE		1.0*		33	20		20	34		1.0*		SIMPLEX (1)
SPACE				35				36				SPACE
SPACE				37				38				SPACE
SPACE				39				40				SPACE
SPACE				41				42				SPACE
SUB–TOTAL	1.4*	1.0*	1.0*	NEUTRAL BUS / GROUND BUS					2.0*	2.0*	2.0*	SUB–TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE	125 AMP BUS	TOTAL kVA A	3.4*	PANEL NO.	L3E (EXIST – EQUIPMENT)
MAIN LUGS ONLY	100 AMP LUGS	TOTAL kVA B	3.0*		
MOUNTING: SURFACE		TOTAL kVA C	3.0*	LOCATION	3RD FLOOR ELEC ROOM 3317
SC RATING: 10,000 AIC		TOTAL kVA	9.4*		

NOTES: (1) EXISTING CIRCUIT TO REMAIN (2) EXISTING CIRCUIT TO BECOME SPARE (3) NEW CIRCUIT, EXISTING CIRCUIT DELETED (4) NEW CIRCUIT FROM SPARE CIRCUIT BREAKER (5) NEW CIRCUIT BREAKER (6) EXISTING CIRCUIT PARTIALLY DELETED

REV.	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	4-24-09

ISSUED FOR CONSTRUCTION
4-24-09

CURRENT ISSUE STATUS:

STATE OF MAINE — JON P. PERRUZZI — NO. 7707 — LICENSED PROFESSIONAL ENGINEER — Rev. 0 — 4/23/09

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PANEL SCHEDULES
SHEET 1

SHEET TITLE:

SCALE:	NONE	DATE:	4-24-09
PROJECT MANAGER:	CDP	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	CDS		
A/E OF RECORD:	JPP	SHEET No.	EP601
SMRT CAD FILE:	EP601-08093		
PROJECT No.	08093-00		

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