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		20	2				SPARE
SPARE				3	20		20	4				SPARE
SPARE				5	20		20	6				SPARE
SPARE				7	20		20	8				SPARE
SPARE				9	20		20	10				SPARE
SPARE				11	20		20	12				SPARE
SPARE				13	20		20	14				SPARE
SPARE				15	20		20	16				SPARE
SPARE				17	20		20	18				SPARE
SPARE				19	20		20	20				SPARE
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: 208Y/120V 3 PHASE 4 WIRE 100 AMP BUS	TOTAL kVA A	0.0	PANEL NO. LV2B
MAIN BREAKER: 100 AMP TRIP	TOTAL kVA B	0.0	
MOUNTING: SURFACE	TOTAL kVA C	0.0	LOCATION 2ND FLOOR ELEC. ROOM
SC RATING: 10,000	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
REMOTE DRINKING FOUNTAIN COOLER	0.5			1	20		20	2	0.8			REC. – STUDENT/FACULTY LAB 519
5TH FLOOR VAV'S		0.4		3	20		20	4		0.6		REC. – STUDENT/FACULTY LAB 519
DOOR LOCKING			0.5	5	20		20	6			0.6	REC. – FACULTY GROUP STUDY 521
REC. – VENDING MACHINES	0.5			7	20		20	8	0.6			REC. – GROUP STUDY 511
REC. – VENDING MACHINES		0.5		9	20		20	10				SPARE
REC. – VENDING MACHINES			0.5	11	20		20	12				SPARE
REC. – VENDING MACHINES	0.5			13	20		20	14				SPARE
REC. – CAFE 510 & STORAGE 512		0.8		15	20		20	16		0.9		REC. – ELEVATOR LOBBY 506
REC. – CAFE 510			0.8	17	20		20	18			0.8	6TH FLOOR REC. – SEM. 612, READING 614
SPARE				19	20		20	20				SPARE
REC. – TEL/DATA 508A		0.8		21	20		20	22		0.8		OVERHEAD PROJ. & SCRN – CLASSRM 518
REC & SENSORS – MEN & WOMEN BATH			0.6	23	20		20	24			1.1	HAND DRYER – MENS BATH
SPARE				25	20			26	1.1			
REC. – GENERAL STACKS 526		1.1		27	20		20	28		1.1		HAND DRYER – WOMENS BATH
REC. – GENERAL STACKS 525			1.1	29	20			30			1.1	
REC. – COPIER	1.0			31	20		20	32	0.4			REC – CLOSET 516
REC. – COMPUTERS		0.8		33	20		20	34				SPARE
REC. – GROUP STUDY 520			0.8	35	20		20	36				SPARE
REC. – STUDENT/FACULTY LAB 519	0.9			37	20			38	6.0			
REC. – STUDENT/FACULTY LAB 519		0.9		39	20		60	40		4.0		LV5B
REC. – STUDENT/FACULTY LAB 519			0.8	41	20			42			4.0	
SUB-TOTAL	3.4	5.3	5.1	NEUTRAL BUS / GROUND BUS					8.9	7.4	7.6	SUB-TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS	TOTAL kVA A	12.3	PANEL NO. LV5A
MAIN BREAKER: 150 AMP TRIP	TOTAL kVA B	12.7	
MOUNTING: SURFACE	TOTAL kVA C	12.7	LOCATION 5TH FLOOR ELEC. ROOM
SC RATING: 10,000	TOTAL kVA	37.7	

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
(1) HONEYWELL PANEL	0.1			1	20		20	2	0.8			REC. – CORR 706A, JAN, MECH (5)
(1) REMOTE YORK PANEL		0.1		3	20		20	4		0.6		TRACK LTG – ELEVATOR LOBBY 706 (5)
(1) REC. – MECH & ELEC ROOMS			0.2	5	20		20	6			0.9	TRACK LTG – GENERAL STACKS (5)
(1) EXH HAN EF-9	0.1			7	20		20	8	0.4			REC. – A STAIRWELL (1)
(1) ROOF REC.		0.2		9	20		20	10		0.2		FREIGHT ELEV CAB LTS & REC (1)
(1) 6TH FLOOR REC.			0.4	11	20		20	12			0.3	6TH FLOOR REC. & EXH FAN EF-8 (1)
(5) MOTORIZED SCREEN – EVENTS SPACE	0.3			13	20			14	0.4			
(1) EXH FAN EF-2		0.7		15	20		20	16		0.4		EXH FAN EF-1 (1)
(5) TRACK LIGHTING – EVENTS SPACE			0.3	17	20			18			0.4	
(1) ROOF OPSIS CKT	0.1			19	20		20	20	0.8			REC. – GENERAL STACKS (5)
(5) TRACK LIGHTING – EVENTS SPACE		1.2		21	20		20	22		0.6		REC & SENSORS – MEN & WOMEN BATH(5)
(1) AIR DRYER			0.1	23	20		20	24			1.1	REC. – GREAT READING ROOM 726 (5)
(1) AIR COMPRESSOR	0.5			25	20		20	26	1.1			HAND DRYER – WOMENS BATHROOM (4)
		0.5		27				28		1.1		
(4) REC. – EVENT SPACE 717			0.9	29	20		20	30			1.1	HAND DRYER – MENS BATHROOM (4)
(4) REC. – EVENT SPACE 717	0.9			31	20			32	1.1			
(4) REC. – EVENT SPACE 717		0.8		33	20		20	34		0.7		REC. – CORR 706A & FOUNTAIN COOLER(4)
(4) REC. – TEL/DATA 710			0.6	35	20		20	36			0.3	7TH FLOOR VAV'S (4)
(4) REC. – GENERAL STACKS	1.1			37	20			38	4.0			
(4) REC. – GENERAL STACKS		0.9		39	20		60	40		3.1		LV7B (4)
(1) FREIGHT ELEVATOR SHUNT TRIP CKT			0.1	41	15			42			3.4	
SUB-TOTAL	3.1	4.4	2.6	NEUTRAL BUS / GROUND BUS					8.6	6.7	7.5	SUB-TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS	TOTAL kVA A	11.7	PANEL NO. LV7A (EXISTING)
MAIN BREAKER: 150 AMP TRIP	TOTAL kVA B	11.1	
MOUNTING: SURFACE	TOTAL kVA C	10.1	LOCATION 7TH FLOOR ELEC. ROOM
SC RATING: 10,000	TOTAL kVA	32.9	

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

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
REC – VEST 319B	0.4			1	20		20	2				SPARE
REC – SERVERS 319		1.6		3	20		20	4				SPARE
REC – SERVERS 319			2.4	5	30		20	6				SPARE
SPARE				7	20		20	8				SPARE
SPARE				9	20		20	10				SPARE
SPARE				11	20		20	12				SPARE
SPARE				13	20		20	14				SPARE
SPARE				15	20		20	16				SPARE
SPARE				17	20		20	18				SPARE
SPARE				19	20		20	20				SPARE
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	0.4	1.6	2.4	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	0.4	PANEL NO. LV3B
MAIN BREAKER: 100 AMP TRIP	TOTAL kVA B	1.6	
MOUNTING: SURFACE	TOTAL kVA C	2.4	LOCATION 3RD FLOOR ELEC. ROOM
SC RATING: 10,000	TOTAL kVA	4.4	

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
TRACK LIGHTING 5TH FLOOR	1.2			1	20		20	2	0.8			ELECTRONIC CLASSROOM
TRACK LIGHTING 5TH FLOOR		0.9		3	20		20	4		0.8		ELECTRONIC CLASSROOM
TRACK LIGHTING 5TH FLOOR			0.9	5	20		20	6			0.8	ELECTRONIC CLASSROOM
TRACK LIGHTING 5TH FLOOR	1.2			7	20		20	8	0.6			ELECTRONIC CLASSROOM
TRACK LIGHTING 5TH FLOOR		0.9		9	20		20	10		0.8		ELECTRONIC CLASSROOM
TRACK LIGHTING 5TH FLOOR			0.9	11	20		20	12			0.8	ELECTRONIC CLASSROOM
LIGHTING – CAFE 510	0.6			13	20		20	14	0.8			ELECTRONIC CLASSROOM
SPARE				15	20		20	16		0.6		ELECTRONIC CLASSROOM
SPARE				17	20		20	18			0.6	ELECTRONIC CLASSROOM
SPARE				19	20		20	20	0.8			ELECTRONIC CLASSROOM
SPARE				21	20		20	22				SPARE
SPARE				23	20		20	24				SPARE
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	3.0	1.8	1.8	NEUTRAL BUS / GROUND BUS					3.0	2.2	2.2	SUB-TOTAL

VOLTAGE: 280Y/120V 3 PHASE 4 WIRE 60 AMP BUS	TOTAL kVA A	6.0	PANEL NO. LV5B
MAIN LUGS ONLY 60 AMP LUGS	TOTAL kVA B	4.0	
MOUNTING: SURFACE	TOTAL kVA C	4.0	LOCATION 5TH FLOOR ELEC. ROOM
SC RATING: 10,000	TOTAL kVA	14.0	

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
REC – KITCHEN 712	0.4			1	20		20	2	0.3			WINDOW SHADE CONTROL
REC – KITCHEN 712 & LOBBY 711		0.8		3	20		20	4		1.2		WINDOW SHADES – EVENTS SPACE
SOUND SYS – CHAIR/TABLE STORAGE 716			0.5	5	20		20	6			1.2	WINDOW SHADES – EVENTS SPACE
7TH FLOOR TRACK LIGHTING	0.9			7	20		20	8	0.4			REC – TEL/DATA 710
7TH FLOOR TRACK LIGHTING		0.6		9	20		20	10				SPARE
(1) DISPLAY CASE LIGHTING			0.6	11	20		20	12				SPARE
REC – CORR. 713; GROUP STUDY 714	0.9			13	20		20	14				SPARE
LIGHTING – GREAT READING ROOM		0.5		15	20		20	16				SPARE
HAND DRYER – WOMEN'S BATH			1.1	17	20		20	18				SPARE
	1.1			19			20	20				SPARE
SPARE				21	20		20	22				SPARE
SPARE				23	20		20	24				SPARE
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	3.3	1.9	2.2	NEUTRAL BUS / GROUND BUS					0.7	1.2	1.2	SUB-TOTAL

VOLTAGE: 280Y/120V 3 PHASE 4 WIRE 60 AMP BUS	TOTAL kVA A	4.0	PANEL NO. LV7B
MAIN LUGS ONLY 60 AMP LUGS	TOTAL kVA B	3.1	
MOUNTING: SURFACE	TOTAL kVA C	3.4	LOCATION 7TH FLOOR ELEC. ROOM
SC RATING: 10,000	TOTAL kVA	10.1	

NOTES: (1) ALTERNATE #5

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		20	2				SPARE
SPARE				3	20		20	4				SPARE
SPARE				5	20		20	6				SPARE
SPARE				7	20		20	8				SPARE
SPARE				9	20		20	10				SPARE
SPARE				11	20		20	12				SPARE
SPARE				13	20		20	14				SPARE
SPARE				15	20		20	16				SPARE
SPARE				17	20		20	18				SPARE
SPARE				19	20		20	20				SPARE
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: 208Y/120V 3 PHASE 4 WIRE 100 AMP BUS	TOTAL kVA A	0.0	PANEL NO. LV4B
MAIN BREAKER: 100 AMP TRIP	TOTAL kVA B	0.0	
MOUNTING: SURFACE	TOTAL kVA C	0.0	LOCATION 4TH FLOOR ELEC. ROOM
SC RATING: 10,000	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
REMOTE DRINKING FOUNTAIN COOLER	0.5			1	20		20	2	0.6			REC.–SEMINAR RM 612 & OVERHEAD PROJ.
REC. – GENERAL STACKS 624		1.3		3	20		20	4		0.9		REC. – GENERAL STACKS 625
REC. – TEL/DATA 608A			0.6	5	20		20	6			1.1	REC. – OSHER STORAGE 613
REC. – COLLECTIONS STACKS; DOOR LOCK	0.6			7	20		20	8	0.8			7TH FLOOR REC. – GREAT READING ROOM
REC. – SPECIAL COLLECTIONS STACKS		0.9		9	20		20	10		0.8		7TH FLOOR REC. – GREAT READING ROOM
REC. – OFFICE 618			0.9	11	20		20	12			0.4	7TH FLOOR REC. – GREAT READING ROOM
REC. – OFFICE 618	0.8			13	20		20	14	1.1			HAND DRYER – MENS BATH
REC. – AREA OFF CORR 620A		0.9		15	20			16		1.1		
REC. – SEMINAR RM 612 & PROJ. SCREEN			0.9	17	20		20	18			1.1	HAND DRYER – WOMENS BATH
REC. – OFFICE 615	0.6			19	20			20	1.1			
REC. – CORRIDOR 620, 620A		0.6		21	20		20	22		0.9		DISPLAY CASE LIGHTING (1)
REC & SENSORS – MEN & WOMEN BATH			0.6	23	20		20	24			0.6	DISPLAY CASE LIGHTING (1)
(2) 6TH FLOOR VAVS	0.4			25	20		20	26	0.5			DISPLAY CASE LIGHTING (1)
REC. – WORK ROOM 621		0.9		27	20		20	28		1.5		TRACK LIGHTING – ELEVATOR LOBBY
REC. – WORK ROOM 621			0.9	29	20		20	30			1.2	TRACK LIGHTING – GENERAL STACKS 624,625
REC. – WORK ROOM 621	0.8			31	20		20	32				SPARE
REC. & DOOR LOCK – EXBT & ELEV LOBBY		0.6		33	20		20	34				SPARE
REC. – READING ROOM 614			0.8	35	20		20	36				SPARE
REC. – COPIER – READING ROOM 614	1.0			37	20		20	38				SPARE
SPARE				39	20		20	40				SPARE
SPARE				41	20		20	42				SPARE
SUB-TOTAL	4.7	5.2	4.7	NEUTRAL BUS / GROUND BUS					4.1	5.2	4.4	SUB-TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS	TOTAL kVA A	8.8	PANEL NO. LV6A
MAIN BREAKER: 150 AMP TRIP	TOTAL kVA B	10.4	
MOUNTING: SURFACE	TOTAL kVA C	9.1	LOCATION 6TH FLOOR ELEC. ROOM
SC RATING: 10,000	TOTAL kVA	28.3	

NOTES: (1) ALTERNATE #5
(2) UNDER ALTERNATE #4, THIS CIRCUIT IS DELETED AND BECOMES SPARE

NOTE:

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

REV.	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	3-17-03

ISSUED FOR CONSTRUCTION 3-17-03

CURRENT ISSUE STATUS:

SMRT

ARCHITECTURE ENGINEERING PLANNING

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PROJECT:

GLICKMAN LIBRARY
UNIVERSITY OF SOUTHERN MAINE
PORTLAND, MAINE

SHEET TITLE:

POWER PANEL SCHEDULES

SCALE: NOT TO SCALE	DATE:
PROJECT MANAGER: SLB	GRAPHIC SCALE: 0" 1"
JOB CAP/DRAWN: CTB/JAC	
A/E OF RECORD: JPP	SHEET No.
SMRT CAD FILE: EP601-99092	EP601
PROJECT No. 99092	

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