

1/12/2017 2:52 PM T:\02 PROJECTS - MAINE\101-4200\412810 USM SCIENCE BLDG CONSULTATION\2 DESIGN\WORKSHEETS\4128-10-E-601 PANELBOARD SCHEDULES.DWG DESKMANAGERBERG

EXTG PANEL L-3-B														
VOLTAGE: 120/208V			PHASES: 3			WIRE: 4			TYPE:			LOCATION:		
A MLO			FED FROM:			MOUNTING: FLUSH								
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
OUTLETS RM 305		1P20	4	1	A	2	4	1P20		OUTLETS RM 305				
OUTLETS RM 305		1P20	4	3	B	4	4	1P20		OUTLETS RM 305				
OUTLETS RM 305		1P20	4	5	C	6	4	1P20		OUTLETS RM 305				
OUTLETS RM 305		1P20	4	7	A	8	4	1P20		OUTLETS RM 305				
WALL OUTLETS RM 208		1P20	1	9	B	10	4	1P20		OUTLETS RM 305 WIND TUNNEL				
CEILING OUTLET RM 208		1P20	1	11	C	12								
PLUG MOLD RM 208		1P20	1	13	A	14	1	3P30		STERILIZER 303A				
				15	B	16								
STERILIZER 403A		3P30	1	17	C	18	5	1P30	1.7	IC-1 (ROOM 305)				
				19	A	20	1	1P20		AIR HANDLER 201				
BENCH OUTLET RM 303A		1P20	1	21	B	22	1	1P15		UNKNOWN ACTIVE				
SPACE				23	C	24	1	1P20		DISHWASHER				

NEW PANEL L-4B														
VOLTAGE: 120/208V			PHASES: 3			WIRE: 4			TYPE:			LOCATION:		
50A MCB			FED FROM: DP3			MOUNTING: SURFACE								
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
REC.-CLASSROOM 410 QUADS	0.8	1P20		1	A	2		1P20	0.8	REC.-CLASSROOM 410 QUADS				
REC.-CLASSROOM 410 QUADS	0.8	1P20		3	B	4		1P20	0.4	WIREMOLD-CLASSROOM 410				
REC.-CLASSROOM 410	0.8	1P20		5	C	6		1P20	0.4	WIREMOLD-CLASSROOM 410				
MICROWAVE-CLASSROOM 410	1.0	1P20		7	A	8		1P20	1.0	REFRIGERATOR-CLASSROOM 410				
REC.-CLASSROOM 410 COUNTER	0.4	1P20		9	B	10		1P20	0.5	LTG-CLASSROOMS 305, 310				
WIREMOLD-CLASSROOM 310	1.0	1P20		11	C	12		1P20	1.2	WIREMOLD-CLASSROOM 305				
WIREMOLD-CLASSROOM 310	1.0	1P20		13	A	14		1P20	1.2	WIREMOLD-CLASSROOM 305				
REC.-CLASS 310 QUADS	0.8	1P20		15	B	16		1P20	0.2	PROJECTOR-CLASSROOM 310				
REC.-CLASS 310 QUADS	0.8	1P20		17	C	18		1P20		SPARE				
REC.-CLASS 310 QUADS	0.8	1P20		19	A	20		1P20		SPARE				
SPARE		1P20		21	B	22		1P20		SPARE				
SPARE		1P20		23	C	24		1P20		SPARE				
SPARE		1P20		25	A	26		1P20		SPARE				
SPARE		1P20		27	B	28		1P20		SPARE				
SPARE		1P20		29	C	30		1P20		SPARE				

EXTG PANEL DP5														
VOLTAGE: 480/277V			PHASES: 3			WIRE: 4			TYPE: SPECTRA SERIES			LOCATION:		
400A MLO			FED FROM:			MOUNTING: FLUSH								
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
#1 LIGHTS 5TH FLOOR		1P20	1	1	A	2		1P20		SPARE				
#3 LIGHTS 5TH FLOOR		1P20	1	3	B	4		1P20		#4 LIGHTS 5TH FLOOR				
#5 LIGHTS 5TH FLOOR		1P20	1	5	C	6		1P20		#6 LIGHTS 5TH FLOOR				
LTS - MATH SUITE		1P20	2	7	A	8		1P20		#8 LIGHTS 5TH FLOOR				
SPARE		1P20		9	B	10		1P20		SPARE				
SPACE				11	C	12				SPACE				
SPACE		1P20		13	A	14		1P20		SPACE				
SPACE		1P20		15	B	16		1P20		SPACE				
SPACE		1P20		17	C	18		1P20		SPACE				
EF-#39		3P15		19	A	20				SPACE				
				21	B	22				SPACE				
				23	C	24				SPACE				
SPACE				25	A	26								
SPACE				27	B	28		3P80		PANEL PP51				
SPACE				29	C	30								
SPACE				31	A	32				SPACE				
SPACE				33	B	34				SPACE				
SPACE				35	C	36				SPACE				
SPACE				37	A	38				SPACE				
SPACE				39	B	40				SPACE				
SPACE				41	C	42				SPACE				

EXTG PANEL PP51														
VOLTAGE: 120/208V			PHASES: 3			WIRE: 4			TYPE: A SERIES			LOCATION:		
50A MCB			FED FROM: PANEL DP5			MOUNTING: SURFACE								
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
REC.-CIZ OFFICES	0.8	1P20		1	A	2	1	1P20		RECEPT, OPEN SEATING				
REC.-CIZ OFFICES	0.8	1P20		3	B	4	1	1P20		RECEPT, RECEPTION				
				5	C	6	1	1P20		RECEPT, CONF. ROOM				
SUB FEED PP51A		3P100		7	A	8	3	1P20	0.8	REC.-OFFICE C583				
				9	B	10	3	1P20	0.6	REC.-RECEPTION C584				
LIGHTS AND RECEPT, ERU, ROOF		1P20		11	C	12	3	1P20	1.0	REC.-WORK ROOM C589, CORRIDOR				
DDC CONTROLS		1P20		13	A	14	3	1P20	0.6	REC.-WORK ROOM C589				
RECEPT, KITCHEN		1P20		15	B	16	3	1P20	0.6	REC.-OFFICE C588				
RECEPT.-CORRIDOR		1P20		17	C	18	3	1P20	1.0	REC.-OFFICE C590, C591				
RECEPT, REFRIGERATOR		1P20		19	A	20	3	1P20	1.0	REC.-OFFICE C590, C591				
RECEPT.		1P20		21	B	22	3	1P20	1.0	REC.-COPIER-WORK ROOM C589				
		2P30		23	C	24	3	1P20	0.8	REC.-C577, C578				
ACC-#10				25	A	26	3	1P20	0.8	REC.-C577, C578				
EXHAUST FAN DATA CLOSET		1P20		27	B	28	3	1P20	0.8	REC.-C579, C580				
				29	C	30	1	1P20		RECEPT, ROOF				
ACC-#11		2P30		31	A	32	1	1P20		DISHWASHER				
				33	B	34	1	1P20		RECEPT, COPY AREA				
ACC-#12		2P30		35	C	36	1	1P20		RECEPT, COPY AREA				
REC.-C579, C580	0.6	1P20		37	A	38	1	1P20		RECEPT.				
REC.-C581, C582	0.8	1P20		39	B	40	1	1P20		RECEPT.				
REC.-C581, C582	0.8	1P20		41	C	42	1	1P20		RECEPT.				

EXTG PANEL PP51A														
VOLTAGE: 120/208V			PHASES: 3			WIRE: 4			TYPE:			LOCATION:		
100A MLO			FED FROM: PANEL PP51			MOUNTING: FLUSH								
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
OUTLET BELOW		1P20		1	A	2	1	1P20		RECEPT.				
OFFICE OUTLET RM		1P20		3	B	4	8,10	1P20	1.0	RECEPT, CONF. AREA				
MEN'S, WOMEN'S GFI		1P20		5	C	6	1	1P20		RECEPT, CONF. AREA				
MEN'S HAND DRYER		2P20		7	A	8				WOMEN'S HAND DRYER				
				9	B	10								
REC.-COLLABORATION ROOM C575B	0.5	1P20		2,10	11	C	12	6	1P20	0.8	REC.-MAKER SPACE			
REC.-COLLABORATION ROOM C575B	0.5	1P20		9,10	13	A	14	6	1P20	0.4	REC.-MAKER SPACE			
REC.-COLLABORATION ROOM C575B	0.6	1P20		9	15	B	16	9	1P20	0.8	REC.-STUDY C587			
REC.-MICROWAVE-COLLAB. C575B	0.5	1P20		9	17	C	18	9	1P20	1.0	REC.-STUDY C587			
REC.-REFRIGERATOR-COLLAB. C575B	1.0	1P20		9	19	A	20	9	1P20	1.0	REC.-OFFICE C585, WAITING C578			
REC.-OFFICE C585, OFFICE C586	0.8	1P20		9	21	B	22	9	1P20	0.8	REC.-RECEPTION C584			
REC.-OFFICE C585, OFFICE C586	0.8	1P20		9	23	C	24	9	1P20	0.4	REC.-CIZ			

EXTG. PANEL DP3														
VOLTAGE: 120/208V			PHASES: 3			WIRE: 4			TYPE:			LOCATION: 3RD FLR ELEC. CLOSET		
100A MCB			FED FROM:			MOUNTING: SURFACE								
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE				
OUTLET IN CLASSROOM LAB RM 303		1P20		1	A	2	1	2P30		WALK IN COOLER RM 303A				
OUTLET IN CLASSROOM LAB RM 303		1P20		3	B	4								
OUTLET IN PREP RM 303A		1P20		5	C	6	4	1P20		SPARE				
REC.-CLASSROOM 305 COUNTER	0.6	1P20		3	7	A	8	4	1P20	SPARE				
REC.-CLASSROOM 305 FRIDGE	1.0	1P20		3	9	B	10	4	1P20	SPARE				
OUTLET 2ND FL CORR. 204 FREEZER		1P20		1	11	C	12	1	1P20	OUTLET 4TH FLOOR LAB RESEARCH RM406				
SPARE		1P20		4	13	A	14	1	1P20	OUTLET 6TH FLOOR ANIMAL LAB RM 605				
OUTLET IN PREP RM 303A		1P20		1	15	B	16	1	1P20	OUTLET 6TH FLOOR ANIMAL LAB RM 605				
FLOOR BOXES RM 201A		1P20		1	17	C	18	1	1P20	FLOOR BOXES RM 201A				
FLOOR BOXES RM 201A		1P20		1	19	A	20	1	1P20	FLOOR BOXES RM 201A				
	4.6			21	B	22	1	1P20		RM 201 FREEZER				
PANEL L-4B	4.6	3P50		6	23	C	24	1P20		SPARE				
	4.6			25	A	26		1P20		SPARE				
SPARE		1P20		27	B	28		1P20		SPARE				
MICROWAVE-CLASSROOM 306	1.0	1P20		2	29	C	30	1P20		SPARE				

PANELBOARD NOTES

- EXISTING BREAKER AND LOAD TO REMAIN.
- NEW LOAD APPLIED TO EXISTING PANELBOARD SPARE.
- NEW LOAD APPLIED TO EXISTING CIRCUIT BREAKER. EXISTING LOAD REMOVED DURING DEMOLITION.
- VERIFY WHETHER LOAD WAS REMOVED DURING DEMOLITION. IF YES, TURN OFF BREAKER AND LABEL SPARE. IF NO, BREAKER AND LOAD SHALL.
- EXISTING LOAD REMOVED DURING DEMOLITION. REMOVE EXISTING BREAKER AND REPLACE WITH NEW BREAKER AND LOAD.
- REMOVE EXISTING SPARE BREAKERS AND REPLACE WITH NEW BREAKER AND LOAD.
- RENAME BREAKER TO ALIGN WITH RENOVATIONS.
- NEW LOAD APPLIED TO EXISTING BREAKER IN ADDITION TO EXISTING LOAD.
- NEW BREAKER AND LOAD IN EXISTING PANELBOARD SPACE.
- REVISIONS ONLY IF ASSOCIATED ALTERNATE BID ITEMS ARE ACCEPTED. IF ASSOCIATED ABI IS NOT ACCEPTED, EXISTING LOAD AND BREAKERS TO REMAIN AS IS.

REV.	DESCRIPTION	DATE
0	BID DOCUMENTS	01-13-17

