PANELBOARD SCHEDULE PL2

Location: ELEC D38 **Volts:** 120/208 Wye **A.I.C. Rating:** 10,000
Mounting: Surface **Phases:** 3 **Mains Type:**
Enclosure: Type 1 **Wires:** 4 **Mains Rating:** 225 A
MCB Rating: 225 A

CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CKT
1	REC - RM D01	20 A	1	9			6			1	20 A	REC - RM D18	2
3	REC - RM D01	20 A	1		9			6		1	20 A	REC - RM D18	4
5	REC - RM D01	20 A	1			9			7.5	1	20 A	REC - RM D18	6
7	REC - RM D01	20 A	1	9			6			1	20 A	REC - RM D18	8
9	REC - RM D03	20 A	1		6			7.5		1	20 A	REC - RM D17	10
11	REC - RM D03	20 A	1			6			6	1	20 A	REC - RM D17	12
13	REC - RM D03	20 A	1	6			6			1	20 A	REC - RM D17	14
15	REC - RM D03	20 A	1		6			7.5		1	20 A	REC - RM D14	16
17	REC - RM D04	20 A	1			6			6	1	20 A	REC - RM D14	18
19	REC - RM D04	20 A	1	6			6			1	20 A	REC - RM D14	20
21	REC - RM D04	20 A	1		7.5			0		1	20 A	Spare	22
23	REC - RM D04	20 A	1			6			6	1	20 A	REC - RM D15	24
25	REC - RM D07	20 A	1	6			7.5			1	20 A	REC - RM D08	26
27	REC - RM D07	20 A	1		6			1.5		1	20 A	REC - FRIDGE	28
29	REC - RM D07	20 A	1			7.5			3	1	20 A	REC - COUNTER D08	30
31	REC - RM D07	20 A	1	6			3			1	20 A	REC - COUNTER D08	32
33	REC - RM D05	20 A	1		6			3		1	20 A	REC - TOILET D09, D10	34
35	REC - RM D06	20 A	1			6			1.5	1	20 A	REC - SMARTBOARD D07	36
37	REC - SMARTBOARD D04	20 A	1	1.5			1.5			1	20 A	REC - SMARTBOARD D14	38
39	REC - SMARTBOARD D17	20 A	1		1.5			1.5		1	20 A	REC - SMARTBOARD D18	40
41	REC - TESTING RM D02	20 A	1			4.5			4.5	1	20 A	REC - RECYCLE RM D41	42
43	REC - RM D13 SOUTH	20 A	1	4.5			7.5			1	20 A	REC - RM D13 NORTH	44
45	RANGE	30 A	2		24			11.7		1	20 A	HAND DRYER	46
47	--	--	--			24			11.7	1	20 A	HAND DRYER	48
49	Spare	20 A	1	0			0			1	20 A	Spare	50
51	Spare	20 A	1		0			0		1	20 A	Spare	52
53	Spare	20 A	1			0			0	1	20 A	Spare	54
55	PL2A	125 A	3	87.2			0			1	20 A	Spare	56
57	--	--	--		78.3			0		1	20 A	Spare	58
59	--	--	--			79.7			0	1	20 A	Spare	60
			Total Load:	21420 VA	21570 VA	22976 VA							
			Total Amps:	178.5	179.9	191.7							

PANELBOARD SCHEDULE PL2A

Location: ELEC D38 **Volts:** 120/208 Wye **A.I.C. Rating:** 10,000
Mounting: Surface **Phases:** 3 **Mains Type:**
Enclosure: Type 1 **Wires:** 4 **Mains Rating:** 125 A
MCB Rating: 100 A

CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CKT
1	REC - RM D27	20 A	1	7.5			6			1	20 A	REC - RM D22	2
3	REC - RM D27	20 A	1		6			6		1	20 A	REC - RM D22	4
5	REC - RM D27	20 A	1			6			7.5	1	20 A	REC - RM D22	6
7	REC - RM D27	20 A	1	6			6			1	20 A	REC - RM D22	8
9	REC - RM D25	20 A	1		6			7.5		1	20 A	REC - RM D29	10
11	REC - RM D25	20 A	1			6			6	1	20 A	REC - RM D29	12
13	REC - RM D25	20 A	1	7.5			6			1	20 A	REC - RM D29	14
15	REC - RM D25	20 A	1		6			7.5		1	20 A	REC - RM D30	16
17	REC - RM D24	20 A	1			7.5			6	1	20 A	REC - RM D30	18
19	REC - RM D24	20 A	1	6			6			1	20 A	REC - RM D30	20
21	REC - RM D24	20 A	1		6			7.5		1	20 A	REC - RM D33	22
23	REC - RM D24	20 A	1			6			6	1	20 A	REC - RM D33	24
25	REC - RM D39	20 A	1	6			6			1	20 A	REC - RM D33	26
27	REC - WATERCOOLER	20 A	1		1.5			7.5		1	20 A	REC - RM D39	28
29	REC - CORRDIOR	20 A	1			9			6	1	20 A	REC - RM D39	30
31	REC - TOILETS D35,D36,D19,D20,D40	20 A	1	9			1.5			1	20 A	REC - SMARTBOARD D25	32
33	REC - SMARTBOARD D24	20 A	1		1.5			6		1	20 A	REC - RM D31	34
35	REC -SMARTBOARD D22	20 A	1			1.5			6	1	20 A	REC - RM D32	36
37	REC - RM D29 SMARTBOARD	20 A	1	1.5			6			1	20 A	REC - RM D26	38
39	REC - SMARTBOARD D27	20 A	1		1.5			6		1	20 A	REC - RM D23	40
41	REC - RM D30 SMARTBOARD	20 A	1			1.5			1.5	1	20 A	REC - RM D33 SMARTBOARD	42
43	REC - RM D28 SMARTBOARD	20 A	1	1.5			4.5			1	20 A	REC - RM D21	44
45	TRAP PRIMER RM D21	20 A	1		0.3			1.5		1	20 A	Receptacle	46
47	Receptacle	20 A	1			1.5			1.5	1	20 A	Receptacle	48
49	Spare	20 A	1	0			0			1	20 A	Spare	50
51	Spare	20 A	1		0			0		1	20 A	Spare	52
53	Spare	20 A	1			0			0	1	20 A	Spare	54
55	Spare	20 A	1	0			0			1	20 A	Spare	56
57	Spare	20 A	1		0			0		1	20 A	Spare	58
59													60
			Total Load:	10440 VA	9394 VA	9540 VA							
			Total Amps:	87.2	78.3	79.7							

PANELBOARD SCHEDULE PL3

Location: TECH A24 **Volts:** 120/208 Wye **A.I.C. Rating:** 10,000
Mounting: Recessed **Phases:** 3 **Mains Type:**
Enclosure: Type 1 **Wires:** 4 **Mains Rating:** 225 A
MCB Rating: 225 A

CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CKT
1	REC - RM A19	20 A	1	7.5			7.5			1	20 A	REC - RM A18	2
3	REC - RM A17	20 A	1		7.5			7.5		1	20 A	REC - RM A23	4
5	POCKET DOOR	20 A	1			10			4.5	1	20 A	REC - RM A25	6
7	REC - RM A26, A27	20 A	1	7.5			6			1	20 A	REC - CORRIDOT A16	8
9	REC - RM A29	20 A	1		4.5			6		1	20 A	REC - RM A38	10
11	REC - RM A38	20 A	1			6			7.5	1	20 A	REC - RM A38	12
13	REC - RM A30A	20 A	1	6			4.5			1	20 A	REC - RM A30	14
15	REC - RM A35	20 A	1		4.5			3		1	20 A	REC - RM A34	16
17	REC - RM A30	20 A	1			4.5			9.8	1	20 A	OVERHEAD DOOR A38	18
19	HOOP OPERATOR (1/2 HP)	20 A	1	9.8			9.8			1	20 A	OVERHEAD DOOR A38	20
21	HOOP OPERATOR (1/2 HP)	20 A	1		9.8			6		1	20 A	REC - FLOOR BOX RM A23	22
23	HOOP OPERATOR (1/2 HP)	20 A	1			9.8			1.5	1	20 A	WATER COOLER	24
25	HOOP OPERATOR (1/2 HP)	20 A	1	9.8			0.6			1	20 A	TRAP PRIMER RM A33/A25	26
27	HOOP OPERATOR (1/2 HP)	20 A	1		9.8			3		1	20 A	Receptacle	28
29	HOOP OPERATOR (1/2 HP)	20 A	1			9.8			10	1	20 A	Power	30
31	MOTORIZED BLEACHER	20 A	1	11.6			10			1	20 A	Power	32
33	REC - TOILET RM A31, A31A, A32	20 A	1		6			9.8		1	20 A	Power	34
35	GYM DIVIDER	20 A	1			9.8			1.5	1	20 A	WATER COOLER	36
37	CAFETERIA SHADE	20 A	1	5.8			1.5			1	20 A	CEILING RECEPTACLE STAGE	38
39	Receptacle	20 A	1		6			4.8		1	20 A	PROJECTION SCREEN STAGE N	40
41	REC - OFFICE A41	20 A	1			7.5			6	1	20 A	REC - KITCHEN A37	42
43	REC - TOILET A39	20 A	1	1.5			3			1	20 A	REC - EXTERIOR WEST WALL	44
45	Receptacle	20 A	1		6			10		1	20 A	REC - BOILER RM A33	46
47	REC - ELEC A33A	20 A	1			4.5			4.8	1	20 A	PROJECTION SCREEN STAGE S	48
49	HAND DRYER	20 A	1	11.7			11.7			1	20 A	HAND DRYER	50
51	REC - RM A24	20 A	1		1.5								52
53	REC - CAFETERIA A38	20 A	1			4.5							54
55	REC - STAGE PA SYSTEM	20 A	1	1.5			25.6			3	100 A	PL4	56
57	REC - STAGE	20 A	1		4.5			28.1		--	--	--	58
59									25	--	--	--	60
			Total Load:	18323 VA	16584 VA	16440 VA							
			Total Amps:	152.9	138.4	137							

PANELBOARD SCHEDULE PL4

Location: RECORDS A10 **Volts:** 120/208 Wye **A.I.C. Rating:** 10,000
Mounting: Recessed **Phases:** 3 **Mains Type:**
Enclosure: Type 1 **Wires:** 4 **Mains Rating:** 100 A
MCB Rating: 100 A

CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CKT
1	REC - RM A03	20 A	1	6			6			1	20 A	REC - RM A03	2
3	REC - RM A06	20 A	1		7.5			9		1	20 A	REC - RM A04	4
5	REC - RM A07	20 A	1			6			6	1	20 A	REC - RM A08	6
7	REC - RM A11	20 A	1	6			4.5			1	20 A	REC - RM A10	8
9	MAGNETIC DOOR HOLDER	20 A	1		5			3		1	20 A	REC - RM A15	10
11	DOOR OPERATORS	20 A	1			4			1.5	1	20 A	REC - TOILET A09	12
13	REC - LOST AND FOUND RM A12	20 A	1	1.5			1.5			1	20 A	REC - EXTERIOR WALL EAST	14
15	FLAGPOLE LIGHT	20 A	1		2			1.5		1	20 A	Receptacle	16
17	REC - FLOOR BOX RM A08	20 A	1			3			3	1	20 A	REC - FLOOR BOX RM A04	18
19	Spare	20 A	1	0			0			1	20 A	Spare	20
21	Spare	20 A	1		0			0		1	20 A	Spare	22
23	Receptacle	20 A	1			1.5			0	1	20 A	Spare	24
25	Spare	20 A	1	0			0			1	20 A	Spare	26
27	Spare	20 A	1		0			0		1	20 A	Spare	28
29	Spare	20 A	1			0			0	1	20 A	Spare	30
31													32
33													34
35													36
37													38
39													40
41													42
			Total Load:	3060 VA	3360 VA	3000 VA							
			Total Amps:	25.6	28.1	25							

PANELBOARD SCHEDULE PL5

Location: MAKER SPACE B10 **Volts:** 120/208 Wye **A.I.C. Rating:** 10,000
Mounting: Recessed **Phases:** 3 **Mains Type:**
Enclosure: Type 1 **Wires:** 4 **Mains Rating:** 225 A
MCB Rating: 225 A

CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CKT
1	REC - RM B19	20 A	1	6			6			1	20 A	REC - RM	2
3	REC - RM B19A	20 A	1		6			6		1	20 A	REC - RM B19	4
5	REC - RM B19	20 A	1			6			5	1	20 A	MAGNETIC DOOR HOLDER	6
7	REC - RM B19	20 A	1	6			9			1	20 A	REC - RM B20	8
9	REC - RM B20	20 A	1		6			6		1	20 A	REC - RM B20	10
11	MAGNETIC DOOR HOLDER	20 A	1			5			6	1	20 A	REC - CORRIDOR B13	12
13	REC - RM B11	20 A	1	6			6			1	20 A	REC - RM B11	14
15	REC - RM B11	20 A	1		6			6		1	20 A	REC - RM B11	16
17	REC - RM B10	20 A	1			6			6	1	20 A	REC - RM B10	18
19	REC - RM B10	20 A	1	6			6			1	20 A	REC - RM B10	20
21	REC - RM B09	20 A	1		6			6		1	20 A	REC - RM B09	22
23	REC - RM B09	20 A	1			6			6	1	20 A	REC - RM B09	24
25	REC - RM B08	20 A	1	6			6			1	20 A	REC - RM B08	26
27	REC - RM B08	20 A	1		6			6		1	20 A	REC - RM B08	28
29	KILN	50 A	2			40			1.5	1	20 A	REC - SMARTBOARD B02	30
31	--	--	--	40			1.5			1	20 A	REC - SMARTBOARD B03	32
33	REC - SMARTBOARD B04	20 A	1		1.5			1.5		1	20 A	REC - SMARTBOARD B15	34
35	REC - SMARTBOARD B16	20 A	1			1.5			1.5	1	20 A	REC - SMARTBOARD B17	36
37	REC - SMARTBOARD B18	20 A	1	1.5			86.8			3	100 A	PL5A	38
39	REC - TOILET RM B10A	20 A	1		1.5			74.8		--	--	--	40
41	Receptacle	20 A	1			1.5			64.8	--	--	--	42
43	PROJECTION SCREEN RM B19	20 A	1	4.6			4.6			1	20 A	MOTORIZED SHADE RM B19	44
45	MOTORIZED SHADE RM B19...	20 A	1		4.6			0		1	20 A	Spare	46
47	REC - B200A, B200B	20 A	1			3			0	1	20 A	Spare	48
49	Spare	20 A	1	0			0			1	20 A	Spare	50
51	Spare	20 A	1		0			0		1	20 A	Spare	52
53	Spare	20 A	1			0			0	1	20 A	Spare	54
55	Spare	20 A	1	0			0			1	20 A	Spare	56
57	REC - LIBRARY DESK	20 A	1		3								58
59													60
			Total Load:	23444 VA	17472 VA	18534 VA							
			Total Amps:	196.7	145.6	155.8							

PANELBOARD SCHEDULE PL5A

Location: MAKER SPACE B10 **Volts:** 120/208 Wye **A.I.C. Rating:** 10,000
Mounting: Recessed **Phases:** 3 **Mains Type:**
Enclosure: Type 1 **Wires:** 4 **Mains Rating:** 100 A
MCB Rating: 100 A

CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CKT
1	REC - RM B15	20 A	1	7.5			6			1	20 A	REC - RM B02	2
3	REC - RM B15	20 A	1		6			6		1	20 A	REC - RM B02	4
5	REC - RM B15	20 A	1			6			6	1	20 A	REC - RM B02	6
7	REC - RM B15	20 A	1	6			7.5			1	20 A	REC - RM B02	8
9	REC - RM B16	20 A	1		6			7.5		1	20 A	REC - RM B03	10
11	REC - RM B16	20 A	1			7.5			6	1	20 A	REC - RM B03	12
13	REC - RM B16	20 A	1	6			6			1	20 A	REC - RM B03	14
15	REC - RM B16	20 A	1		6			6		1	20 A	REC - RM B03	16
17	REC - RM B17	20 A	1			6			6	1	20 A	REC - RM B04	18
19	REC - RM B17	20 A	1	6			7.5			1	20 A	REC - RM B04	20
21	REC - RM B17	20 A	1		6			6		1	20 A	REC - RM B04	22
23	REC - RM B17	20 A	1			6			6	1	20 A	REC - RM B04	24
25	REC - RM B18	20 A	1	6			9			1	20 A	REC - RM B07	26
27	REC - RM B18	20 A	1		7.5			4.5		1	20 A	REC - RECYCLE RM A16A	28
29	REC - RM B18	20 A	1			6			0	1	20 A	Spare	30
31	REC - RM B18	20 A	1	6			6			1	20 A	REC - RM B05 WEST WALL	32
33	REC - CORRIDOR B14	20 A	1		6			6		1	20 A	REC - RM B05 EAST WALL	34
35	REC - ELL	20 A	1			7.5			0.3	1	20 A	TRAP PRIMER RM B17A	36
37	REC - RM B07	20 A	1	6			0			1	20 A	Spare	38
39	Spare	20 A	1		0			0		1	20 A	Spare	40
41	Spare	20 A	1			0			0	1	20 A	Spare	42
			Total Load:	10260 VA	8820 VA	7774 VA							
			Total Amps:	86.8	74.8	64.8							

DRAWING KEYNOTE

1 PROVIDE GFCI BREAKER.

NO.	DATE	DESCRIPTION	BY
		REVISIONS	

STATE OF MAINE
DALE C. LINCOLN, II
No. 10443
LICENSED
PROFESSIONAL ENGINEER
3-17-17

DRAWN BY: BPD
CHECK BY: DCL
DATE 03/17/17

STATE OF MAINE
PUBLIC SCHOOL PROJECT

TITLE PORTLAND PUBLIC SCHOOLS
NEW FRED P. HALL ELEMENTARY SCHOOL
LOCATION 23 ORONO ROAD, PORTLAND, ME

TITLE THIS DWG. 208V PANELBOARD SCHEDULES

OAK POINT ASSOCIATES
ARCHITECTURE ■ ENGINEERING ■ PLANNING
231 Main Street, Biddeford, Maine 04005 207.283.0193

DRAWING NO. EP603

3/20/2017 4:59:34 PM
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