Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 12/08/14

PANEL SCHEDULE ~ SC-1

VOLTAGE: **208/120V** | MLO: 125A | AIC: 10KA

3-PHASE, 4-WIRE

CIRCUIT BREAKER				CIRCUIT LOAD (KVA) CONNECTED			BRANCH CIRCUIT DESCRIPTION
CKT NO	BRKR SIZE	NO OF POLES	PH	A	B	C	
1	20	1	A	0.50			RECEPTACLES
3	20	1	B		0.50		RECEPTACLES
5	20	1	C			0.50	RECEPTACLES
7	20	1	A	0.80			RECEPTACLES
9	20	1	B		0.40		RECEPTACLES
11	20	1	C			0.00	RECEPTACLES
13	20	1	A	0.00			SPARE
15	20	1	B		0.00		SPARE
17	20	1	C			0.00	SPARE
19	20	1	A	0.00			SPARE
21	20	1	B		0.20		GAS & POWER CONTROL PANELS
23	20	1	C			0.80	REFRIGERATOR
25	20	1	A	0.00			SPARE
27	20	1	B		0.00	0.00	SPARE
29	20	1	C			0.00	SPARE
			SUBTOTAL	1.30	1.10	1.30	
2	20	1	A	0.50			RECEPTACLES
4	20	1	B		0.50		RECEPTACLES
6	20	1	C			0.50	RECEPTACLES
8	20	1	A	0.50			HOOD AND LIGHT
10	20	1	B		0.00		SPARE
12	0	0	C			0.00	SPACE
14	0	0	A	0.00			SPACE
16	0	0	B		0.00		SPACE
18	0	0	C			0.00	SPACE
20	0	0	A	0.00			SPACE
22	20	1	B		1.00		DISH WASHER
24	20	1	C			1.20	EF-1
26	20	1	A	1.00			EF-2
28	20	1	B		1.00		TRAP PRIMER
30	0	0	C			0.00	SPACE
			SUBTOTAL	2.00	2.50	1.70	

NOTE #1

NOTE #1

NOTE #1: PROVIDE BUILT-IN CONTACTOR FOR SPLIT-BUS OPERATION (CONTROLS CIRCUITS 1-20). CONTACTOR SHALL BE 3P-60A, 120V CONTROL COIL. PROVIDE ALL NECESSARY CONTROL RELAY (ASCO CAT. NO. 920-3-60-6). EXTEND CONTROL CIRCUIT TO GAS AND POWER CONTROL PANELS IN CLASSROOM AND PREP ROOM.

E1 | PANEL SCHEDULE- SC-1

NO SCALE

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MFR	CATALOG SERIES NUMBER **SEE NOTE 1**	MOUNTING	VOLTS	LAMP QTY PER FIXTURE	LAMP WATTS	LAMP TYPE	KEY NOTES
F1	EXISTING 2'x4', 18-CELL PARABOLIC FLUORESCENT FIXTURE			LAY-IN	277	3	32	T8 3500K	6
F1A	2'x4', 18-CELL PARABOLIC FLUORESCENT FIXTURE	LITHONIA	-MATCH EXISTING-	LAY-IN	277	3	32	T8 3500K	6
F2	EXISTING 2'x4', PRISMATIC FLUORESCENT FIXTURE			LAY-IN	277	3	32	T8 3500K	7
X	LED EXIT SIGN WITH BATTERY	LITHONIA	LQM-P-W-R-120/277	UNIVERSAL	120/277	LED			3
	EMERGENCY BATTERY UNIT	LITHONIA	BWU	WALL	120/277	LED			

NOTES

1 **NOTE THAT THESE NUMBERS ARE NOT COMPLETE CATALOG #'S. PROVIDE ALL REQUIREMENTS ON SCHEDULE, NOTES, SPECS, AND DRAWINGS COMBINED.**

2 **CATALOG SERIES NUMBERS ARE USED TO ESTABLISH A LEVEL OF QUALITY AND NOT INTENDED TO LIMIT COMPETITION. SERIES NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. COMPLY WITH ADDITIONAL REQUIREMENTS IN SPECIFICATIONS AND DRAWINGS.**

3 PROVIDE WALL,CEILING, OR PENDANT MOUNTING AS INDICATED ON PLANS. PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED.

4 PROVIDE PROGRAMMED START BALLAST WITH ROOMS THAT HAVE OCCUPANCY SENSORS.

5 VERIFY CEILING STRUCTURE AND MOUNTING HEIGHT PRIOR TO ORDERING ANY LIGHT FIXTURES.

6 EXISTING LIGHTING FIXTURE TO BE RE-USED. CLEAN FIXTURE AND REPLACE WITH NEW LAMPS. LAMP COLOR TEMPERATURE TO BE VERIFIED TO MATCH WITH EXISTING.

7 FIELD VERIFY LAMP COLOR TEMPERATURE TO MATCH WITH EXISTING.

E4 | LUMINAIRE SCHEDULE

NO SCALE

Note:

Do NOT power more than 4 devices, sensor or slave packs, from a single power pack.

LIGHTING CONTROL SHALL BE MANUAL ON BY LOW VOLTAGE WALL SWITCH AND AUTO OFF BY CEILING OCCUPANCY SENSOR(S)

NOTE: THIS DETAIL IS FOR REFERENCE ONLY. LIGHTING SWITCHES, SENSORS, AND DEVICES SHALL MATCH WITH PORTLAND PUBLIC SCHOOL'S STANDARDS.

A1 | LIGHTING CONTROL DETAIL- MANUAL ON WITH AUTO OFF

NO SCALE

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allied Project No: 14-024
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Minor Interior Renovations at 196 Allen Avenue for Casco Bay High School 196 Allen Avenue, Portland Maine

NORTH

STATE OF MAINE
CATHERINE A. FAUCHER
No. 7575
LICENSED
PROFESSIONAL ENGINEER

JOB NO.
14036

DRWN. GMC | CHK KN

SCALE:
As indicated

ISSUE STATUS
CONSTRUCTION
ISSUE DATE
APRIL 18, 2014

TITLE
ELECTRICAL SCHEDULES
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SHEET
E-600

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