

N:\Projects\2015\15051\Waynflete School\00 Drawing Files\15051\_EP.dwg Jun 11, 2017 12:43pm

**ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT**

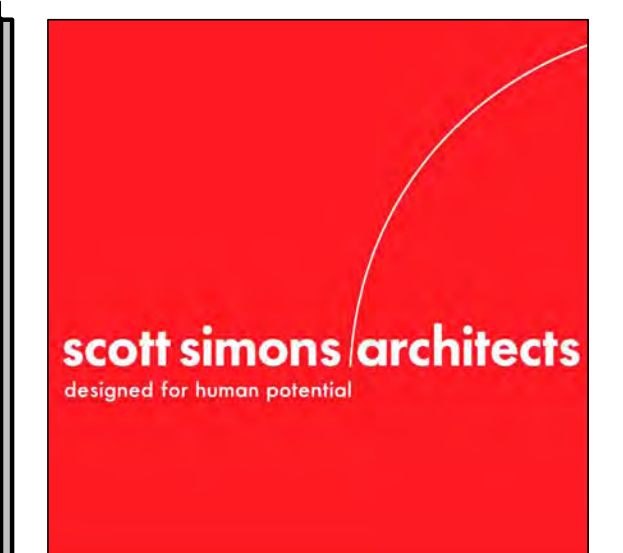
TAG	DESCRIPTION	VOLTS	PH	LOAD	FLA	MCA	MOPD	DISCONNECT SWITCH				STARTER (NEMA)		CBD	PANEL	WIRING IN CONDUIT	NOTES
								FRAME	POLES	FUSE	NEMA ENCL	FBD	SIZE/VFD				
EF-K	KILN FAN	120	1	1.37A	1.4	-	-	-	-	-	-	-	-	23	L11	(2):.12 (1):.12G, 1/2"C	6
RCP-1	DHW RECIRC PUMP	120	1	1/25 HP	4.4	-	-	20	2	NF	1	26	-	23		(2):.12 (1):.12G, 1/2"C	
CU-1	CONDENSING UNIT	208	3		27.6	27.60	35	60	3	35	3R	26		23	L31	(3):.10 (1):.10G, 1/2"C	
		208	3		36.3	36.30	45	60	3	45	3R	26		23	L31	(3):.8 (1):.8G, 3/4"C	
CU-2	CONDENSING UNIT	208	3		36.3	36.30	45	60	3	45	3R	26		23	L31	(3):.8 (1):.8G, 3/4"C	
		208	3		36.3	36.30	45	60	3	45	3R	26		23	L31	(3):.8 (1):.8G, 3/4"C	
CU-3	CONDENSING UNIT	208	3		55.1	55.10	60	60	3	60	3R	26		23	L31	(3):.6 (1):.6G, 3/4"C	
CU-4	CONDENSING UNIT	208	3		36.3	36.30	45	60	3	45	3R	26		23	L31	(3):.10 (1):.10G, 1/2"C	
		208	3		36.3	36.30	45	60	3	45	3R	26		23	L31	(3):.8 (1):.8G, 3/4"C	
CU-5	CONDENSING UNIT	208	1		27.0	27.00	30	30	3	30	3R	26		23	L31	(3):.10 (1):.10G, 1/2"C	
CU-6	CONDENSING UNIT	208	1		16.5	16.50	20	30	3	20	3R	26		23	L31	(3):.12 (1):.12G, 1/2"C	
CU-F1	PROVISION FOR FUTURE, CONDENSING UNIT	208	1				20	30	3	20	3R	26		23	L31	(3):.12 (1):.12G, 1/2"C	
CU-F2	PROVISION FOR FUTURE, CONDENSING UNIT	208	1				20	30	3	20	3R	26		23	L31	(3):.12 (1):.12G, 1/2"C	
CU-F3	PROVISION FOR FUTURE, CONDENSING UNIT	208	1				20	30	3	20	3R	26		23	L31	(3):.12 (1):.12G, 1/2"C	
HP-1-1	VRV FAN COIL UNIT, CEILING	208	1		3.4	3.4	15	20	3	NF	1	26	-	23	L11	(3):.12 (1):.12G, 1/2"C	
HP-1-2	VRV FAN COIL UNIT, CEILING	208	1		2.9	2.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-1-3	VRV FAN COIL UNIT, CEILING	208	1		2.9	2.9	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-2-1	VRV FAN COIL UNIT, CEILING	208	1		2.9	2.9	15	20	3	NF	1	26	-	23	L11	(3):.12 (1):.12G, 1/2"C	
HP-2-2	VRV FAN COIL UNIT, CEILING	208	1		3.4	3.4	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-2-3	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-2-4	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-2-5	VRV FAN COIL UNIT, CEILING	208	1		2.8	2.8	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-2-6A	VRV FAN COIL UNIT, CEILING	208	1		0.8	0.8	15	20	3	NF	1	26	-	23	L11	(3):.12 (1):.12G, 1/2"C	
HP-2-6B	VRV FAN COIL UNIT, CEILING	208	1		0.8	0.8	15	20	3	NF	1	26	-	23	L11	(3):.12 (1):.12G, 1/2"C	
HP-2-7	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-3-1	VRV FAN COIL UNIT, CEILING	208	1		3.4	3.4	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-3-2	VRV FAN COIL UNIT, WALL	208	1		0.4	0.4	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-3-3	VRV FAN COIL UNIT, CEILING	208	1		1.8	1.8	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-3-4	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-3-5	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-3-6	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-4-1	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-4-2	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-4-3	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-4-4	VRV FAN COIL UNIT, CEILING	208	1		0.4	0.4	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-4-5	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-4-6	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-4-7	VRV FAN COIL UNIT, CEILING	208	1		0.8	0.8	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-4-8	VRV FAN COIL UNIT, WALL	208	1		0.5	0.5	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-4-9	VRV FAN COIL UNIT, WALL	208	1		0.5	0.5	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-4-10	VRV FAN COIL UNIT, WALL	208	1		0.5	0.5	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-4-11	VRV FAN COIL UNIT, WALL	208	1		0.5	0.5	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-4-12	VRV FAN COIL UNIT, WALL	208	1		0.5	0.5	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-4-13	VRV FAN COIL UNIT, WALL	208	1		0.5	0.5	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-4-14	VRV FAN COIL UNIT, WALL	208	1		0.5	0.5	15	20	3	NF	1	26	-	23	L32	(3):.12 (1):.12G, 1/2"C	
HP-5-1	VRV FAN COIL UNIT, CEILING	208	1		0.9	0.9	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-5-2	VRV FAN COIL UNIT, CEILING	208	1		0.8	0.8	15	20	3	NF	1	26	-	23	L21	(3):.12 (1):.12G, 1/2"C	
HP-5-3	VRV FAN COIL UNIT, WALL	208	1		0.4	0.40	15	20	3	NF	1	26	-	23		(3):.12 (1):.12G, 1/2"C	
HP-6	VRV FAN COIL UNIT, WALL	208	1		0.5	0.5	15	20	3	NF	1	26	-	23	L11	(3):.12 (1):.12G, 1/2"C	
CUH-1	UNIT HEATER	120	1	1/4HP	5.8			20	2	NF	1	26	-	23	L11	(2):.12 (1):.12G, 1/2"C	
CUH-2	UNIT HEATER	120	1	100W				20	2	NF	1	26	-	23	L11	(2):.12 (1):.12G, 1/2"C	
CUH-3	UNIT HEATER	120	1	100W				20	2	NF	1	26	-	23	L21	(2):.12 (1):.12G, 1/2"C	
CUH-4	UNIT HEATER	120	1	1/4HP	5.8			20	2	NF	1	26	-	23	L21	(2):.12 (1):.12G, 1/2"C	
CUH-5	UNIT HEATER	120	1	100W				20	2	NF	1	26	-	23	L21	(2):.12 (1):.12G, 1/2"C	
CUH-6	UNIT HEATER	120	1	1/4HP	5.8			20	2	NF	1	26	-	23	L21	(2):.12 (1):.12G, 1/2"C	
CUH-7	UNIT HEATER	120	1	1/4HP	5.8			20	2	NF	1	26	-	23	L21	(2):.12 (1):.12G, 1/2"C	
ERV-1	ENERGY RECOVERY VENTILATOR (7600 CFM)	208	3		30.2	41.80	70			FWE		FWE		23	L31	(3):.4 (1):.10G, 1"C	2
P-1	PUMP	120	1	1/4HP	5.8			20	2	NF	1	26	-	23	L11	(2):.12 (1):.12G, 1/2"C	
DWH-1	HEAT PUMP WATER HEATER	208	1	2150 W	11.5		15								L11	(3):.12 (1):.12G, 1/2"C	
DWH-2	HEAT PUMP WATER HEATER	208	1	2150 W	11.5		15								L11	(3):.12 (1):.12G, 1/2"C	
CP-1	CONDENSATE PUMP, SERVES WALL HEAT PUMPS	120	1	14W											L11	(2):.12 (1):.12G, 1/2"C	6

**NOTES:**

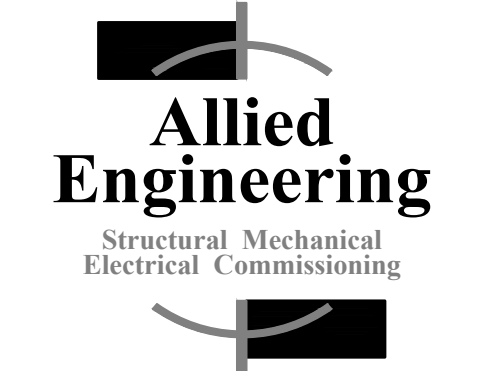
- LEAD/LAG
- DUCT SMOKE DETECTORS FURNISHED BY DIVISION 26, INSTALLED BY DIVISION 23, WIRED TO FIRE ALARM BY DIVISION 26.
- POWER TO CU BY DIVISION 26, WIRING BETWEEN AC AND CU PROVIDED BY DIVISION 23
- WIRE AND CONNECT MOTORIZED DAMPER AT EXHAUST FAN. CONNECT DAMPER TO SAME BRANCH CIRCUIT THAT SUPPLIES FAN.
- UNIT IS CONSISTS OF MULTIPLE MOTORS FACTORY WIRED FOR SINGLE-POINT POWER CONNECTION.
- CORD AND PLUG FURNISHED WITH EQUIPMENT, PROVIDE NEMA 5-20 RECEPTACLE, COORDINATE WITH DIV 23

**ABBREVIATIONS:**

- FWE FURNISHED WITH EQUIPMENT
- NF NOT FUSED
- SWBD SWITCHBOARD
- FBD FURNISHED BY DIVISION
- CBD CONTROL WIRING BY DIVISION



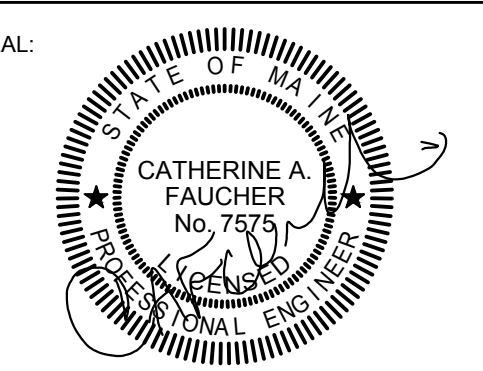
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Allied Project No: 15051  
Cad File: 15051E.dwg

PROJECT NAME:  
**WAYNFLETE LOWER SCHOOL**  
ADDITION & RENOVATIONS  
  
WAYNFLETE SCHOOL  
360 SPRING STREET  
PORTLAND, MAINE 04102



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REVISION:

1	DATE
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6	DATE

DATE OF ISSUE: 12 JANUARY 2017  
PROJECT NUMBER: 2013-0050  
STATUS: ISSUED FOR BID

**ELECTRICAL DETAILS AND SCHEDULES**

**EP600**