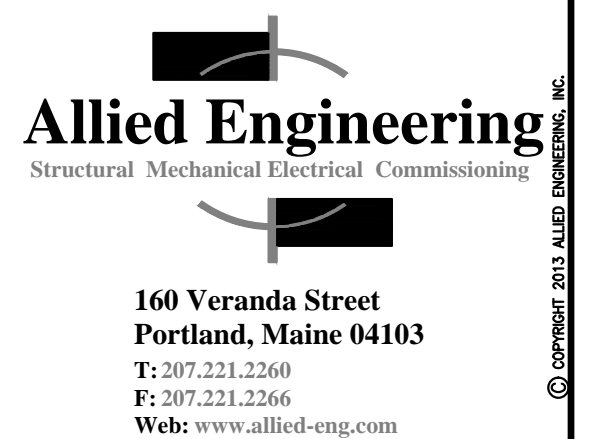


ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT																	
TAG	DESCRIPTION	VOLTS	PH	LOAD	MCA	MOPD	DISCONNECT SWITCH					STARTER (NEMA)		CONTR OL WIRING BY DIV	PANEL	WIRING IN CONDUIT	NOTES
							FRAME	POLES	FUSE	NEMA ENCL	FBD	SIZE/ VFD	FBD				
CU-1	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP1-1	208	1		1												3
	INDOOR UNIT HP1-2	208	1		1												3
	INDOOR UNIT HP1-3	208	1		1												3
CU-2	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP2-1	208	1		1												3
	INDOOR UNIT HP2-2	208	1		1												3
CU-3	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	-	-	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP3-1	208	1		1												3
	INDOOR UNIT HP3-2	208	1		1												3
	INDOOR UNIT HP3-3	208	1		1												3
CU-4	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP4-1	208	1		1												3
	INDOOR UNIT HP4-2	208	1		1												3
	INDOOR UNIT HP4-3	208	1		2.63												3
CU-5	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP5-1	208	1		1												3
	INDOOR UNIT HP5-2	208	1		3.3												3
CU-6	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP6-1	208	1		1												3
	INDOOR UNIT HP6-2	208	1		1												3
	INDOOR UNIT HP6-3	208	1		1												3
CU-7	CONDENSING UNIT	208	1		30	40	60	2	40	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP7-1	208	1		1												3
	INDOOR UNIT HP7-2	208	1		1												3
	INDOOR UNIT HP7-3	208	1		1												3
CU-8	CONDENSING UNIT	208	1		30	40	60	2	40	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP8-1	208	1		1												3
	INDOOR UNIT HP8-2	208	1		1												3
	INDOOR UNIT HP8-3	208	1		1												3
CU-9	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP9-1	208	1		1												3
	INDOOR UNIT HP9-2	208	1		1												3
	INDOOR UNIT HP9-3	208	1		1												3
	INDOOR UNIT HP9-4	208	1		1												3
CU-10	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP10-1	208	1		2.63												3
	INDOOR UNIT HP10-2	208	1		3.3												3
CU-11	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP11-1	208	1		2.63												3
	INDOOR UNIT HP11-2	208	1		1												3
	INDOOR UNIT HP11-3	208	1		1												3
	INDOOR UNIT HP11-4	208	1		1												3
CU-12	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP12-1	208	1		2.63												3
	INDOOR UNIT HP12-2	208	1		1												3
	INDOOR UNIT HP12-3	208	1		1												3
CU-13	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP13-1	208	1		3.3												3
	INDOOR UNIT HP13-2	208	1		2.63												3
CU-14	CONDENSING UNIT	208	1		42	50	60	2	50	3R	26	-	-	23	S21	(2)#8+(1)#10G, 3/4"C	3
	INDOOR UNIT HP14-1	208	1		2.63												3
	INDOOR UNIT HP14-2	208	1		1												3
	INDOOR UNIT HP14-3	208	1		1												3
	NOTES:																
	1 LEAD/LAG											FWE	FURNISHED WITH EQUIPMENT				
	2 DUCT SMOKE DETECTORS FURNISHED BY DIVISION 26, INSTALLED BY DIVISION 23, WIRED TO FIRE ALARM BY DIVISION 26.											NF	NOT FUSED				
	3 POWER TO CU BY DIVISION 26, WIRING BETWEEN AC AND CU PROVIDED BY DIVISION 23											SWBD	SWITCHBOARD				
	4 WIRE AND CONNECT MOTORIZED DAMPER AT EXHAUST FAN. CONNECT DAMPER TO SAME BRANCH CIRCUIT THAT SUPPLIES FAN.											FBD	FURNISHED BY DIVISION				
	5 UNIT IS CONSISTS OF MULTIPLE MOTORS FACTORY WIRED FOR SINGLE-POINT POWER CONNECTION.											CBD	CONTROL WIRING BY DIVISION				
	6 CORD AND PLUG FURNISHED WITH EQUIPMENT																

ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT																	
TAG	DESCRIPTION	VOLTS	PH	LOAD	MCA	MOPD	DISCONNECT SWITCH					STARTER (NEMA)			PANEL	WIRING IN CONDUIT	NOTES
							FRAME	POLES	FUSE	NEMA ENCL	FBD	SIZE/ VFD	FBD	CBD			
ERU-1	ENERGY RECOVERY UNIT	208	1		11.5	15											(2)#12+(1)#12G, 1/2"C
ERU-2	ENERGY RECOVERY UNIT	208	1		11.5	15											(2)#12+(1)#12G, 1/2"C
ERU-3	ENERGY RECOVERY UNIT	208	1		11.5	15											(2)#12+(1)#12G, 1/2"C
ERU-4	ENERGY RECOVERY UNIT	208	1		11.5	15											(2)#12+(1)#12G, 1/2"C
WH-1	ELECTRIC WATER HEATER	208	3	12KW/33.3A			60	3	50		1	26					(3)#8+(1)#10G, 3/4"C
EH-1	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-2	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-3	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-4	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-5	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-6	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-7	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-8	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-9	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-10	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
EH-11	ELECTRIC HEATER	208	1	3KW/11.2A													(2)#12+(1)#12G, 1/2"C
DC-1	ELECTRIC DUCT HEATING COIL	208	3	7.7KW/20.8A													(3)#10+(1)#12G, 1/2"C
DC-2	ELECTRIC DUCT HEATING COIL	208	3	7.8KW/17.5A													(3)#10+(1)#12G, 1/2"C
DC-3	ELECTRIC DUCT HEATING COIL	208	3	6.4KW/15A													(3)#12+(1)#12G, 1/2"C
DC-4	ELECTRIC DUCT HEATING COIL	208	3	7.6KW/17A													(3)#12+(1)#12G, 1/2"C
CU-AC-1	SPLIT AC CONDENSING UNIT	208	1		18	30A	60	2	30	3R	26	-	-	23	S22	(3)#10+(1)#12G, 1/2"C	
AC-1	SPLIT AC INDOOR UNIT	208	1		1	-	-	-	-	-	-	-	-	-	-	-	3
RCP-1	DHW RECIRC PUMP	120	1	1/20 HP			20	1	NF	1	26	-	-	22	S22	(2)#12+(1)#12G, 1/2"C	

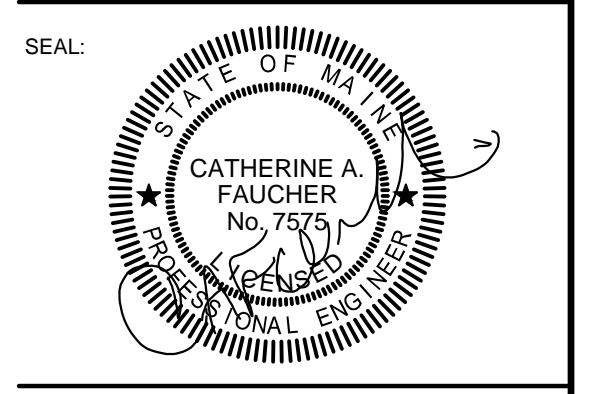


Scott Simons Architects
75 York Street, Portland, Maine 04101
www.simonsarchitects.com
207.772.4656



Allied Project No: 15-023
Cad File: 15023_E.dwg

PROJECT NAME:
PATRONS OXFORD OFFICES
PORTLAND TECHNOLOGY PARK
RAND ROAD, PORTLAND, ME



THIS DRAWING IS THE PROPERTY OF SCOTT SIMONS ARCHITECTS (SSA) AND IS NOT TO BE COPIED OR REPRODUCED IN PART OR WHOLE
2015 © SCOTT SIMONS ARCHITECTS, LLC

REVISION:	DATE
1	
2	
3	
4	
5	
6	

DATE OF ISSUE: 14 January, 2016
PROJECT NUMBER: 2105-0100 Patrons Oxford
STATUS: Construction Documents

ELECTRICAL SCHEDULES

EP602

N:\Projects\2015\15023 - Patrons Oxford Insurance Building\00 Drawing Files\15023_E.dwg Jun 12, 2016 - 3:34pm