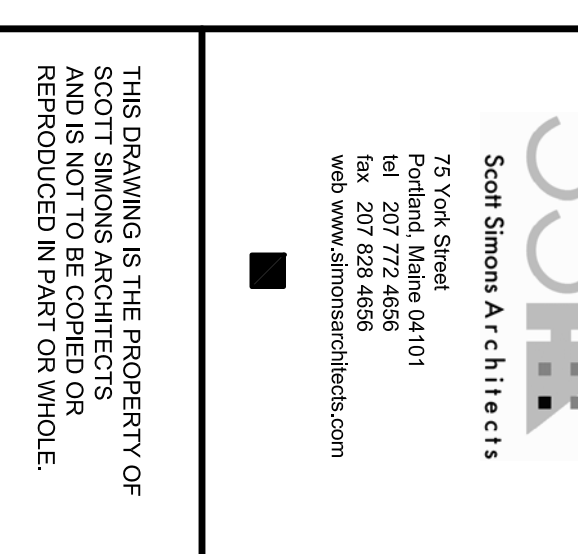


C1 ELECTRICAL PLAN - LEVEL 3

C6 ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

TAG	DESCRIPTION	VOLTS	HP	LOAD(KW)	DISCONNECT SWITCH	STARTER	PANEL	WIRING IN CONDUIT	NOTES
B-1	BOILER	27A	1	27A	1P	1P	LP5M (0.712 x 0.175)		
B-2	BOILER	27A	1	27A	1P	1P	LP5M (0.712 x 0.175)		
B-3	BOILER	27A	1	27A	1P	1P	LP5M (0.712 x 0.175)		
UH-1	UNIT HEATER	240V	1	40W	TOGGLE SWITCH WITH O.S.		LP1A (0.712 x 0.175)		2
UH-2	UNIT HEATER	240V	1	40W	TOGGLE SWITCH WITH O.S.		LP1A (0.712 x 0.175)		2
UH-3	UNIT HEATER	240V	1	40W	TOGGLE SWITCH WITH O.S.		LP1A (0.712 x 0.175)		2
UH-4	UNIT HEATER	240V	1	40W	TOGGLE SWITCH WITH O.S.		LP1A (0.712 x 0.175)		2
EH-1	ELECTRIC WATER HEATER	240V	1	30KW	RECEPTACLE		VP1B (0.712 x 0.175)		4
EH-2	ELECTRIC WATER HEATER	240V	1	30KW	RECEPTACLE		VP1B (0.712 x 0.175)		4
EH-3	ELECTRIC WATER HEATER	240V	1	30KW	RECEPTACLE		VP1B (0.712 x 0.175)		4
EH-4	ELECTRIC WATER HEATER	240V	1	30KW	RECEPTACLE		VP1B (0.712 x 0.175)		4
EF-1	STAFF TOILET 145	120V	1	60W	TOGGLE SWITCH		LP2B (0.712 x 0.175)		1
EF-2	CHLDBRENS TOILET	120V	1	60W	TOGGLE SWITCH		LP2A (0.712 x 0.175)		1
EF-3	ELEVATOR MACHINE ROOM	120V	1	100W	PROVIDED W/UNIT		LP1B (0.712 x 0.175)		2
P-1	PUMP FOR B-1	120V	1	1/2 HP	TOGGLE SWITCH WITH O.S.		LP5M (0.712 x 0.175)		3
P-2	PUMP FOR B-2	120V	1	1/2 HP	TOGGLE SWITCH WITH O.S.		LP5M (0.712 x 0.175)		3
P-3	HEATING PUMP	480V	3	5 HP	PROVIDED W/UNIT		LP5M (0.712 x 0.175)		3
P-4A	HEATING PUMP	480V	3	5 HP	PROVIDED W/UNIT		LP5M (0.712 x 0.175)		3
P-4B	HEATING PUMP	480V	3	5 HP	PROVIDED W/UNIT		LP5M (0.712 x 0.175)		3
P-5	PUMP FOR RADIANT FLOOR	120V	1	1/4 HP	TOGGLE SWITCH WITH O.S.		LP2C (0.712 x 0.175)		2
P-6	PUMP FOR RADIANT FLOOR	120V	1	1/4 HP	TOGGLE SWITCH WITH O.S.		LP2C (0.712 x 0.175)		2
P-7	PUMP FOR RADIANT FLOOR	120V	1	1/4 HP	TOGGLE SWITCH WITH O.S.		LP2C (0.712 x 0.175)		2
P-8	PUMP FOR RADIANT FLOOR	120V	1	1/4 HP	TOGGLE SWITCH WITH O.S.		LP2C (0.712 x 0.175)		2
E-1	ELEVATOR 3 LIGHTS AND FAN	480V	3	40 HP	120	3	FP1E 14		6
ER-1	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2
ER-2	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2
ER-3	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2
ER-4	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2
ER-5	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2
ER-6	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2
ER-7	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2
ER-8	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2
ER-9	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2
ER-10	ELEVATOR SLAMP PUMP	120V	1	1/3 HP	RECEPTACLE		LP1B (0.712 x 0.175)		2

1 PROVIDE A 1P/20A GFI IN EXISTING PANEL, 1P/4C.



PROJECT: Portland Public Library Renovation  
 PORTLAND, ME  
 TITLE: ELECTRICAL PLAN LEVEL 3 AND SCHEDULE  
 STATUS: Issued for Bidding

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DATE: 02.13.2009  
 SCALE: AS SHOWN  
 DRAWN BY: JAC  
 CHECKED BY: JAC  
 DWG NO: EP-103