

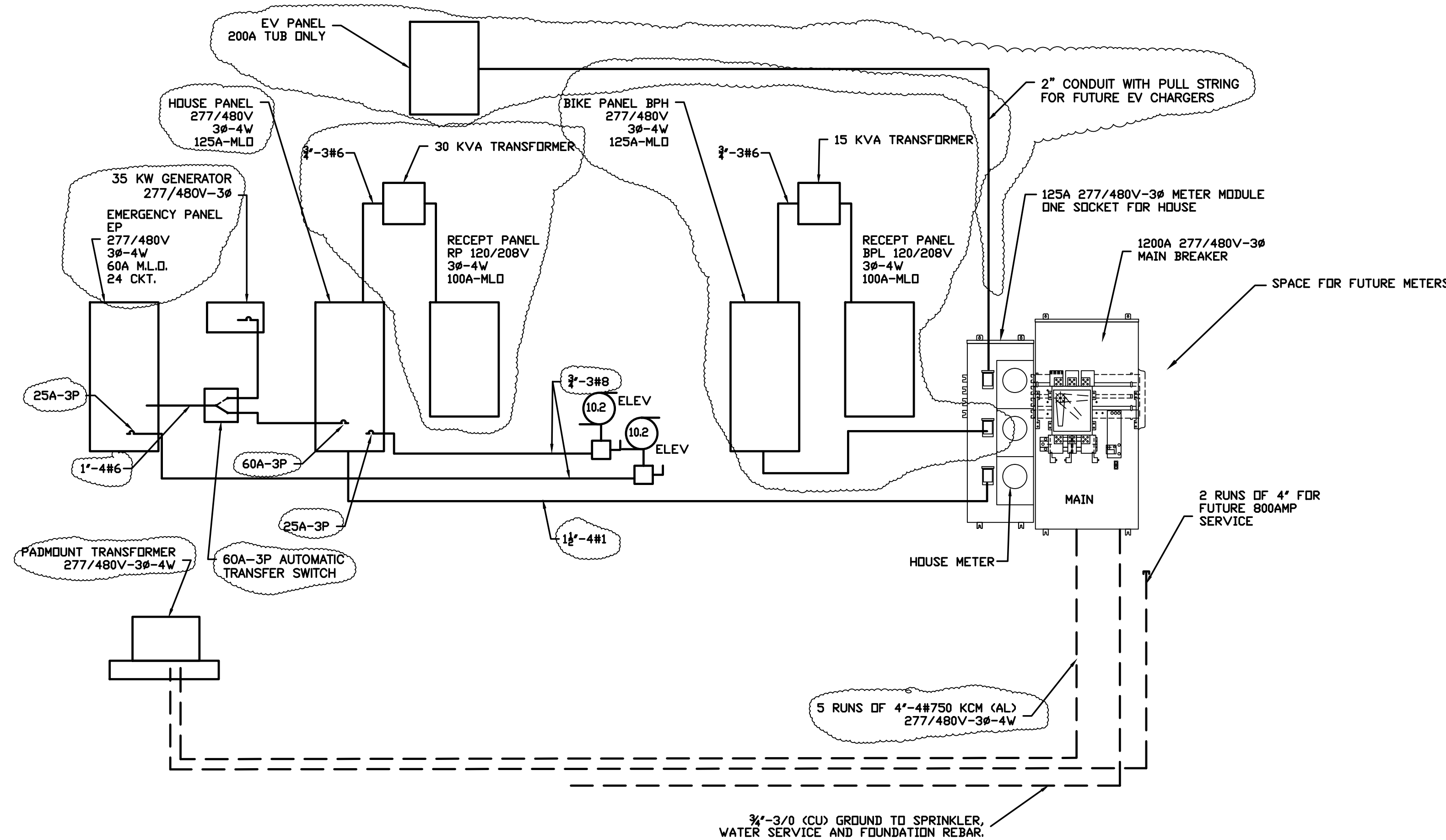
HOUSE PANEL "HP"												
AMPS 125 MAIN LUGS ONLY		VOLTS 277/480 PHASE 3			MOUNTING SURFACE		LOCATION OFFICE					
BRKR		CIRCUIT	PHASE LOADS			CIRCUIT		DISCRPTION	BRKR			
A	P	NO	A	B	C	NO	VA		A	P		
20	1	PERIMETER LIGHTING	850	1	9950	2	9100					
20	1	2ND LEVEL LIGHTING	1800	3	7995	4	6195	30 KVA TRANSFORMER	60	3		
20	1	3RD LEVEL LIGHTING	1660	5		9930	6	8270				
20	1	4TH LEVEL LIGHTING	1660	7	5740		8	4080				
20	1	5TH LEVEL LIGHTING	1660	9	5740		10	4080	WEST ELEVATOR	25	3	
20	1	6TH LEVEL LIGHTING	1660	11		5740	12	4080				
20	1	7TH LEVEL LIGHTING	1660	13	10475		14	8815				
20	1	ROOF LIGHTING	630	15	7673		16	7043	EMERGENCY PANEL EP	60	3	
30	1	OFFICE WATER HEATER	6000	17		13190	18	7190				
20	1	OFFICE LIGHTS	180	19	180		20	0	SPACE ONLY	20	1	
20	1	SPACE ONLY	0	21	0		22	0	SPACE ONLY	20	1	
20	1	SPACE ONLY	0	23	0		24	0	SPACE ONLY	20	1	
		26345		21408	28860	TOTAL CONNECTED LOAD		76433	VA			
								104	AMPS			

EMERGENCY PANEL EP												
AMPS 60 MAIN LUGS ONLY		VOLTS 277/480 PHASE 3			MOUNTING SURFACE		LOCATION OFFICE					
BRKR		CIRCUIT	PHASE LOADS			CIRCUIT		DISCRPTION	BRKR			
A	P	NO	A	B	C	NO	VA		A	P		
20	1	WEST STAIR LIGHTING	1150	1	2210	2	1105	EAST STAIR LIGHTING	20	1		
20	1	2ND LEVEL LIGHTING	1180	3	2360	4	1180	3RD LEVEL LIGHTING	20	1		
20	1	4TH LEVEL LIGHTING	1180	5		2360	6	1180	FIFTH LEVEL LIGHTING	20	1	
20	1	6TH LEVEL LIGHTING	1180	7	2360	8	1180	7TH LEVEL LIGHTING	20	1		
20	1	ROOF LIGHTING	603	9	4683	10	4080					
20	1	WATER ROOM	900	11		4980	12	4080	EAST ELEVATOR	25	3	
20	1	SPACE ONLY	0	13	4080		14	4080				
20	1	SPACE ONLY	0	15	0		16	0	SPACE ONLY	20	1	
20	1	SPACE ONLY	0	17	0		18	0	SPACE ONLY	20	1	
20	1	SPACE ONLY	0	19	0		20	0	SPACE ONLY	20	1	
20	1	SPACE ONLY	0	21	0		22	0	SPACE ONLY	20	1	
20	1	SPACE ONLY	0	23	0		24	0	SPACE ONLY	20	1	
		8650		7043	7340	TOTAL CONNECTED LOAD		23033	VA			
								31	AMPS			

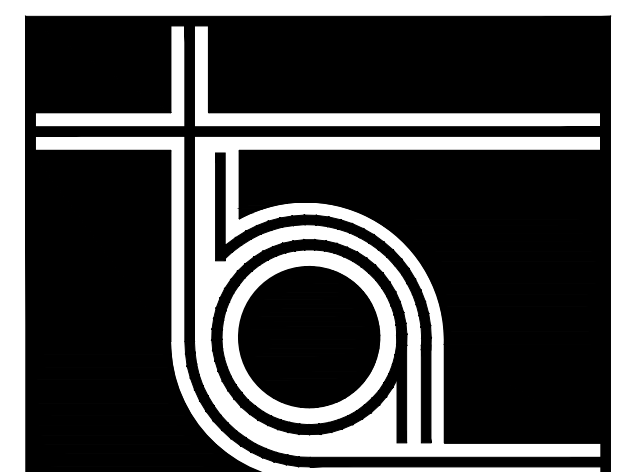
BIKE SHOP PANEL "BPL"												
AMPS 100 MAIN 50A-3P		VOLTS 120/208 PHASE 3			MOUNTING SURFACE		LOCATION OFFICE					
BRKR		CIRCUIT	PHASE LOADS			CIRCUIT		DISCRPTION	BRKR			
A	P	NO	A	B	C	NO	VA		A	P		
20	1	SHOP OUTLETS	900	1	1550	2	650	SHOP FURNACE	20	1		
20	1	STORAGE OUTLET	180	3	700	4	520	STORAGE FURNACE	20	1		
20	1	KEYCARD ACCESS SYSTEM	300	5		1500	6	1200	TOILET OUTLET LIGHT	20	1	
15	2	CONDENSER	2200	7	2200		8	0	SPACE ONLY	20	1	
20	1	SPARE	0	11		0	12	0	SPACE ONLY	20	1	
20	1	SPARE	0	13	0		14	0	SPACE ONLY	20	1	
20	1	SPARE	0	15	0		16	0	SPACE ONLY	20	1	
20	1	SPARE ONLY	0	17	0		18	0	SPACE ONLY	20	1	
20	1	SPARE ONLY	0	19	0		20	0	SPACE ONLY	20	1	
20	1	SPARE ONLY	0	21	0		22	0	SPACE ONLY	20	1	
20	1	SPARE ONLY	0	23	0		24	0	SPACE ONLY	20	1	
		3750		2900	1500	TOTAL CONNECTED LOAD		9950	VA			
								40	AMPS			

HOUSE PANEL "RP"												
AMPS 100 MAIN 100A-3P		VOLTS 120/208 PHASE 3			MOUNTING SURFACE		LOCATION OFFICE					
BRKR		CIRCUIT	PHASE LOADS			CIRCUIT		DISCRPTION	BRKR			
A	P	NO	A	B	C	NO	VA		A	P		
20	1	WEST ELEVATOR HEAT	1800	1	3600	2	1800	SPRINKLER ROOM HEATER	20	1		
20	1	TOILET ROOM	225	3	1255	4	1030	OFFICE POWER	20	1		
20	1	EAST STAIR RECEPETS	1440	5		2640	6	1200	EAST ELEVATOR 120 POWER	20	1	
40	2	HEAT PUMP	2800	7	3300	8	500	EAST ELEVATOR HEAT	20	1		
20	1	SPARE	2800	9	4240	10	1440	WEST STAIR RECEPETS	20	1		
20	1	SPARE	0	11		1200	12	1200	WEST ELEVATOR 120 POWER	20	1	
20	1	SPARE	0	13	500		14	500	CABLE	20	1	
20	1	SECURITY	900	15	1400		16	500	TELEPHONE	20	1	
20	1	TICKET MACHINE	1460	17	1730		18	250	FIRE ALARM	20	1	
20	1	PAYMENT MACHINE	1200	19	1200		20	0	SPACE ONLY	20	1	
20	1	TICKET MACHINE	1460	21	1460		22	0	SPACE ONLY	20	1	
20	1	PAYMENT MACHINE	1200	23	1200		24	0	SPACE ONLY	20	1	
		8600		7095	8270	TOTAL CONNECTED LOAD		23965	VA			
								72	AMPS			

BIKE SHOP PANEL "BPH"												
AMPS 100 MAIN LUGS ONLY		VOLTS 277/480 PHASE 3			MOUNTING SURFACE		LOCATION SHOP					
BRKR		CIRCUIT	PHASE LOADS			CIRCUIT		DISCRPTION	BRKR			
A	P	NO	A	B	C	NO	VA		A	P		
20	1	SHOP LIGHTING	850	1	5600	2	4750					
20	1	STORAGE LIGHTING	1800	3	4700	4	2900	15 KVA TRANSFORMER	30	3		
-	1	SPACE ONLY	0	5		3000	6	3000				
-	1	SPACE ONLY	0	7	8000		8	8000				
-	1	SPACE ONLY	0	9	8000		10	8000	24 KW WATER HEATER	40	3	
-	1	SPACE ONLY	0	11		8000	12	8000				
-	1	SPACE ONLY	0	13	0		14	0	SPACE ONLY	20	1	
-	1	SPACE ONLY	0	15	0		16	0	SPACE ONLY	20	1	
-	1	SPACE ONLY	0	17	0		18	0	SPACE ONLY	20	1	
-	1	SPACE ONLY	0	19	0		20	0	SPACE ONLY	20	1	
-	1	SPACE ONLY	0	21	0		22	0	SPACE ONLY	20	1	
-	1	SPACE ONLY	0	23	0		24	0	SPACE ONLY	20	1	
		13600		12700	12000	TOTAL CONNECTED LOAD		28300	VA			
								49	AMPS			



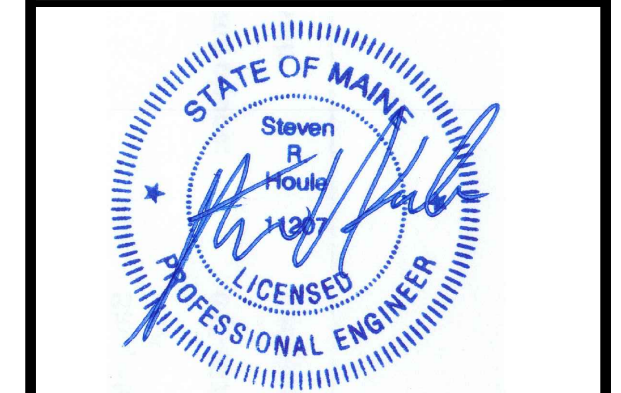
ONE LINE DIAGRAM



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midtown Portland

Somerset Street
Elm Street
Portland, ME

Building 2
One line
Diagram
Panel Sched

Structural Engineer
Becker Engineering
MEP ENGINEER
McCabe Associates
FP Engineer
McCabe Associates

SCALE: NONE
ISSUED / DRAWN BY
2/8/16
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JOB NO: 15001

SHEET NUMBER
E-3.1