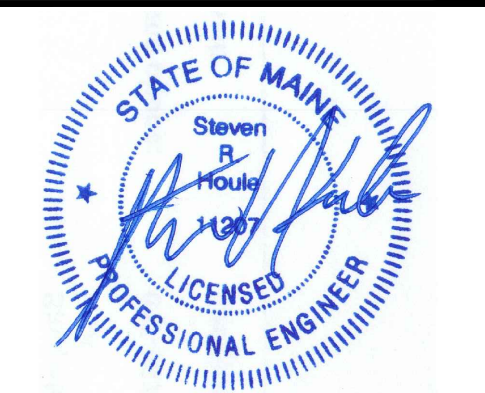


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midtown Portland

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
© THA Architects, LLC
REVISED / REVISED BY

JOB NO: 15001

SHEET NUMBER
E-3.1

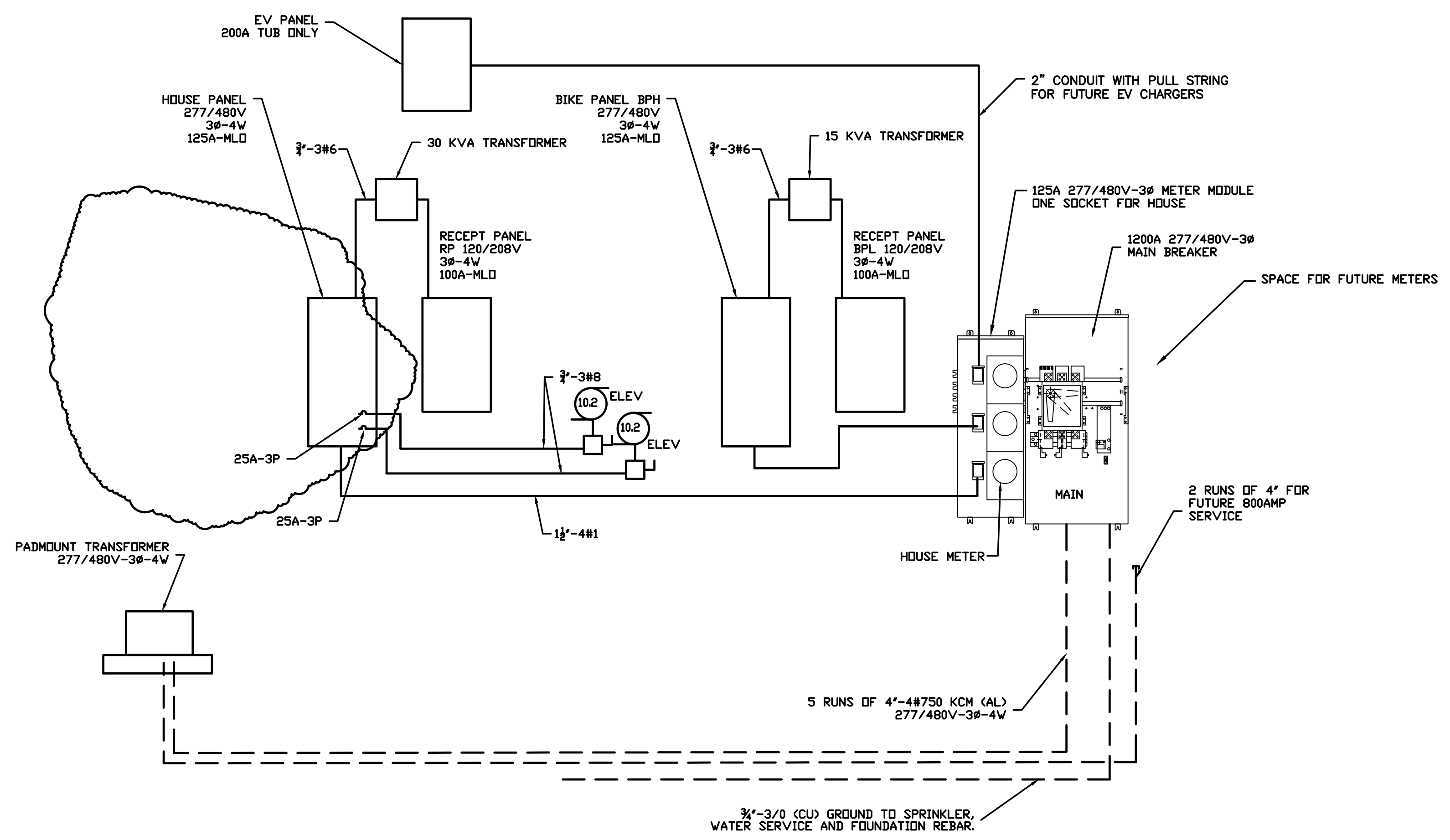
Revised Permit Set March 8, 2018
Revised Permit Set April 15, 2016
Permit Set February 8, 2016

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	1620	3	7815	4	6195	30 KVA TRANSFORMER	60	3	
20	1	3RD LEVEL LIGHTING	1530	5		6	8270				
20	1	4TH LEVEL LIGHTING	1530	7	5610	8	4080				
20	1	5TH LEVEL LIGHTING	1530	9	5610	10	4080	WEST ELEVATOR	25	3	
20	1	6TH LEVEL LIGHTING	1530	11		12	4080				
20	1	7TH LEVEL LIGHTING	1530	13	5610	14	4080				
20	1	ROOF LIGHTING	630	15	4710	16	4080	EAST ELEVATOR	25	3	
30	1	OFFICE WATER HEATER	6000	17		18	4080				
20	1	OFFICE LIGHTS	180	19	1080	20	900	WATER ROOM	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	
			22250	18135	25490	TOTAL CONNECTED LOAD		65875	VA		
							80	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		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		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			

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		6	1200	TOILET OUTLET LIGHT	20	1	
15	2	CONDENSER	2200	7	2200	8	0	SPACE ONLY	20	1	
			2200	9	2200	10	0	SPACE ONLY	20	1	
20	1	SPARE	0	11		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	0	17	0	18	0	SPACE ONLY	20	1	
20	1	SPARE	0	19	0	20	0	SPACE ONLY	20	1	
20	1	SPARE	0	21	0	22	0	SPACE ONLY	20	1	
20	1	SPARE	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 RECEPITS	1440	5		6	1200	EAST ELEVATOR 120 POWER	20	1	
25	2	HEAT PUMP	1560	7	2060	8	500	EAST ELEVATOR HEAT	20	1	
			1560	9	3000	10	1440	WEST STAIR RECEPITS	20	1	
25	2	HEAT PUMP	1560	11		12	1200	WEST ELEVATOR 120 POWER	20	1	
			1560	13	2060	14	500	CABLE	20	1	
20	1	SECURITY	900	15	1400	16	500	TELEPHONE	20	1	
20	1	TICKET MACHINE	1460	17		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		24	0	SPACE ONLY	20	1	
			8920	7115	8330	TOTAL CONNECTED LOAD		24365	VA		
							75	AMPS			



ONE LINE DIAGRAM