Worksheet — NEC 2017, 220 Part IV

		Email			
Contractor		Fax			
Phone					
Job Name Harold Brunson	Location				
Date	240V -1Ø				
Voltage (Circle)		NG	LPV		
Fuel	100 Amp	200 Amp	400 Amp	Other	
Elec. Service					
NET SQUARE FOOTAGE					
GENERAL LOADS	Qty	Rating (Load)	Factor	Loads (VA)	Loads (kW) (VA ÷ 1,000)
General Lighting and General Use Receptacles	1900	3 VA/ft²	100%		5.7
Branch Circuits (1500 VA/ft²)					
Small Appliance Circuits (20 Amp)	2	1500	100%		3
Laundry Circuits	1	1500	100%		1.5
Fixed Appliances		Full Current Rating			
Well	1		100%		2
Sump Pump			100%		
Freezer			100%		
Microwave (Not counter-top model)	1		100%		1
Disposal			100%		
Dishwasher	1		100%		1.5
Range	1		100%		5
Wall-Mounted Oven			100%		
Counter-Mounted Cooking Surface			100%		
Water Heater	1		100%		4.5
Clothes Dryer	1		100%		5.5
Garage Door Opener	1		100%		.5
Septic Grinder			100%		
Other (list)			100%		
			100%		
			100%		
			100%		
			100%		
			100%		
			100%		
			100%		
			100%		
			100%		
otal General Loads					
EAT / A-C LOAD				VA	30.2 kW
C / Cooling Equipment					
at Pump			100%		
Compressor (if not included as A-C)					
upplemental Electric Heat			100%		
tric Space Heating		SHED	65%		
ss than 4 separately controlled units					
r more separately controlled units			65%		
m With Continuous Nameplate Load			40%		
st Heat / A-C Load (VA) VA kW			100%		
RAL LOADS					
10 kW of General Loads 100% kW			10 100%	10 kW	
aining General Loads (kW) 40% kW			20.2 40%	8.08 kW	
LATED GENERAL LOAD (kW) kW					
T HEAT / A-C LOAD 100% kW kW					kW
ALCULATED LOAD (Net General Loads + Heat/A-C Load)					kW
					18.08 kW