

Toll Free: 1-800-338-5088

Local: (386) 935-2832

Fax: (386) 935-1020

State Certified Licenses

EF20001247



LIFE CHANGES. BE PREPARED.

Sales & Service

7585 216th Street

O'Brien, FL 32071

Internet Address

www.securitysafe.com

DWELLING UNIT GENERATOR WORKSHEET – NEC: 702.4(A)(2)

Date: 05/21/2025

Job/Project Address:

356 SW Callaway Drive, Lake City FL 21024

Name:

Collen Thompson

Phone:

386-344-3091

Email:

Drthompson@gracepeds.net

Contractor Information:

Security Safe

Name:

Phone:

Email:

SPECIFY FUEL SOURCE: NAT.GAS-N/A LP-XX OTHER:

SPECIFY ELECT SERVICE VOLTAGE: 120/240 SINGLE PHASE OTHER:

NET SQUARE FOOTAGE (OF RESIDENCE): 2256

	GENERAL LOADS:	QTY	RATING (LOAD)	FACTOR	LOADS (VA)	LOADS (kW) (VA/1,000)
1	General Lighting & General Use Receptacles	2250	3 VAft ²	100%	6750	6.75
2	Branch Circuits (1500 VA/ft ²)					
2.1	Small Appliance Circuits (20 amp)	2	1500	100%	3000	3
2.2	Laundry Circuits	1	1500	100%	1500	1.5
3	Fixed Appliances		Full Current Rating			
3.1	Well			100%		
3.2	Sump Pump			100%		
3.3	Freezer	1	150	100%	150	.15
3.4	Microwaves (built in, not countertop)	1	1500	100%	1500	1.5
3.5	Disposal	1	1300	100%	1300	1.3
3.6	Dishwasher	1	1500	100%	1500	1.5
3.7	Range (See table 220.55 for cooking appliance)	1	8000	100%	8000	8
3.8	Wall Mounted Oven (Built-In)	1		100%		
3.9	Counter Mounted Cooking Surface (Built-In)			100%		
3.10	Water Heater	1	4500	100%	4500	4.5
3.11	Clothes Dryer	1	5000	100%	500	.5
3.12	Garage Door Opener	1	500	100%	500	.5
3.13	Septic System Pump/Grinder			100%		
3.14	EVSE (Elect Vehicle supply Equip)					

GENERAC AVAYA

Security, Fire & Medical Alarms - Safes & Gun Vaults
Security Gating - Central Vacuums - Home Theater
Phone & Intercom Systems - Access Controls
Camera Surveillance - Automatic Standby Generators

LIBERTY
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A UTC Fire & Security Company

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3.15	Other Unspecified Loads:			100%		
3.15.1				100%		
3.15.2				100%		
3.15.3				100%		
3.15.4				100%		
3.15.5				100%		
3.15.6				100%		
3.15.7				100%		
3.15.8				100%		
3.15.9				100%		
3.15.10				100%		
	Total Generator Loads:				VA 29,200	kW 29.2
	Heat - Air Conditioning (AC) Load:	QUANTITY	RATING (LOAD)	FACTOR	LOADS (VA)	LOADS (kW) (VA/1,000)
5.1	A/C Cooling Equipment:	1	4000	100%	4000	4
5.2	Heat Pump					
5.2.1	Compressor (If not included as AC)			100%		
5.2.2	Supplemental Electrical Heat	1	10000	65%	6500	6.5
5.3	Electrical Space Heating Equipment					
5.3.1	Less than four (4) separately controlled Units			65%		
5.3.2	Four (4) or more separately controlled units			40%		
5.4	System with a Continuous Nameplate Load			100%		
5.5	Largest Heat / AC Load (VA) kW				10500	10.5
General Loads:						
6.1	1st 10 kW of General Loads@ 100% kW				100% kW	10,000
6.2	Remaining General Loads @40% kW				40% kW	7,500
6.3	Calculated General Loads kW					17,500 kW
6.4	Largest Heat / AC Load 100% kW					10,500 kW
7	TOTAL CALCULATED LOAD (NET GENERAL LOADS + HEAT/AC LOAD)					28,000 kW