

12020 SW 77th Ave, Pinecrest

ECR Electric LLC

4110 NW 1St Drive
Deerfield Beach
561-9545656

Erick Rodriques EC13014522

☒

10,815 VA

QTY

3

Heating Load	24,300 VA
CU Load	19,075 VA

Electric Space Heat @ 65% <4, 40% >3, vs. A/C @ 100% 24,300 VA

Appliance Demand Load

28.260 VA

Demand Load	215 A
Neutral Demand	77 A
Min.Service Req.	225 A
Min. Feeder size	3/0
Min. Neutral size	4
Eq. Grding Cond.	4
	☐ Copper

Total Appliance Load 28,260 VA

Electric Clothes Dryers

5,000 VA

Electric Ranges

Col C demand

0

or Number of appliances

☒ Check Box for Gas Range

Cooktop		Col B demand
Cooktop		Col B demand
Oven(s)	3,200 W	Col B demand
Oven(s)	5,900 W	Col B demand

Existing service size 400 Amps

Total load demand 215 Amps

Pool Panel Required 100 Amps

Number of appliances **2** Dem. Factor

Cooktop & Oven Demand Load

[illegible]

Pool Panel Feeder Calculation (See Note)		A	B	N
Continuous Motors	7,820	3910	3910	0
Non-continuous	0	0	0	0
Spa heater 11 kVA		0	0	
Pool heater 3.5 ton		0	0	
Pool heater 5 ton	1	5063	5063	
Pool Light	100	100	0	100
Blower	2 hp	1380	1380	0
Gas Heater	100	50	50	0
	0	0	0	0
☐ Min. Copper Pool Feeder # 3 AWG		88 A	87 A	1 A
Minimum Panel Rating 100A		Phase Amperes	Neut. load	

Continuous

Non-continuous

Motors

Motors

3 hp	▼	☐ 240v
3 hp	▼	☐ 240v
select	▼	☐ 240v
select	▼	☐ 240v
select	▼	☐ 240v

select	▼	☐ 240v
select	▼	☐ 240v
select	▼	☐ 240v
select	▼	☐ 240v
select	▼	☐ 240v

0.0	Motor Neutral Load
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Max.Unbalanced Neutral Load