ZADE
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Joe Hassell **May 16, 2025**
Boston Real Estate Capital
Ten Post Office Square, 8th Floor.
Boston, MA 02109

Attn: Joe Hassell

Ref: 49 Walnut Street
Wellesley, MA 02481

Subj: Electric Service

Dear Joe

The following are the Electric utility loads for the building.
The building consists of 28 residential units, approximately2000 sq.ft. per unit.

Typical apartment, 2000 sq.ft.

Lighting:	6,000W
Kitchen:	3,000W
Range:	12,000W
Dishwasher:	1,200W
Disposal:	800W
Water Heater:	4,500W
Washer:	1,500W
Dryer:	5,000W
A/C:	10,000W
Microwave:	1,500W
Total:	45,500W

Unit demand load: (45.5KW-10KW-10KW AC) X 0.4+10KW+10KW AC = 10.2+10+10=30.2KW=146A @ 208V/1Phase

Service to each unit will be 150A/120-208V/1Phase-3Wire.

Residential Load: 28 units x 45.5 KW x 0.33 DF=421 KW

Total residential demand load: 421 KW

Residential connected load (28 units x 45.5KW) = 1274KW

House Load:

Lighting:	10 KW
Elevator:	80 KW
HVAC:	40 KW
Misc:	30 KW
Total:	160 KW

EV Chargers

12 space x 10KW = 120 KW

Total demand load for service

421KW (Residential units) + 160KW (House) + 120KW (EV chargers) = 701KW = 1948A @ 208V/3Phase

We propose 2500A/120-208V/3Phase-4Wire service via new pad mounted transformer.

If you have any questions, please call us.

Very truly yours,
ZADE ASSOCIATES LLC.

Mahendra Patel