

Attn: Planning Board

Planning Department
Brookline Town Hall
Brookline, MA 02445

Re: Sustainability Narrative
217 Kent Street Brookline, MA 02446
June 30, 2022

Dear Planning Board,

The following is a statement of the sustainability efforts and Design Standards for the proposed development at 217 Kent Street:

1. No fossil fuels used for building heating and cooling
2. Project to conform to Zero Greenhouse Gas Emission
3. Heating system will be high efficiency heat pumps (all electric)
4. All hot water heaters to be electric
5. All ranges to be induction or electric (no gas)
6. All appliances to be energy star rated, toilets to be water sense certified
7. All stacking parking spaces to have option for EV charging stations. Minimum (6) EV charging surface spaces to be provided
8. All glazing to be Low E, double glazed high efficiency windows
9. Exterior wall and roof assemblies to exceed Building and Stretch Energy Codes
10. Photovoltaic panels installed at roof to reduce demand on electrical grid.
11. Use light gray TPO roof to reduce heat island effect
12. All common area lighting to feature timed occupancy sensors to reduce waste
13. Sustainability consultant has been engaged to provide feedback during project planning

Should you have any questions, please do not hesitate to contact me at 617-879-9100.

Sincerely,

Dennis Greenwood

Associate Principal
SOUSA design Architects inc.