



City of Cambridge
Department of Public Works

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Owen O'Riordan, Commissioner

Voice: 617 349 4800

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July 11, 2017

TO: Planning Board

FROM: Katherine F. Watkins, PE
City Engineer

RE: 3-5 Linnaean Street

We are in receipt of the documents filed to support the Application under Section 20.600 Basement Housing Overlay District, of the City Zoning Ordinance, for the above mentioned property.

The Applicant has satisfied the requirements of section 20.640 (d) of the Zoning Ordinance by submitting a report and meeting with the members of the DPW Engineering Division to review the historic instances flooding and potential for future flooding at the parcel.

As noted in the report:

- The property is not identified by the November 2015 *Climate Change Vulnerability Assessment* as having increased potential for surface flooding due to more frequent high intensity rainfall events.
- There is no known historic instances of flooding
- Backflow prevention will be installed at all basement fixtures to minimize the potential for sewer surcharge from entering the structure.

In addition, the Applicant is proposing a subsurface infiltration system to mitigate the stormwater runoff from the roof of the structure. This will reduce the property's contribution to the adjacent City infrastructure and be an improvement over conditions at the site today, as related to Stormwater Management.

The renovation will be subject to a thorough review during the building permit application process. At this time we will review the design details to confirm that all the above described protections are established and also that measures in place for long term operation and maintenance.

Please feel free to contact me with any questions or concerns related to the comments provided above.

Sincerely,

A handwritten signature in blue ink, appearing to read "Katherine F. Watkins".

Katherine F. Watkins, P.E.
City Engineer