



City of Cambridge
Department of Public Works

Owen O'Riordan, Commissioner

147 Hampshire Street
Cambridge, MA 02139
theworks@cambridgema.gov

Voice: 617 349 4800

TDD: 617 499 9924

November 26, 2014

TO: Planning Board

FROM: Katherine F. Watkins, PE
City Engineer

RE: PB 294 – 88 Ames Street

The Department of Public Works received the Planning Board Application, dated November 17, 2014. Based on my review of the documents, the applicant has complied with the requirements of the ordinances and regulations. As the project is further developed, DPW will work with the applicant to ensure the following requirements are met:

Public Infrastructure -- Applicant will be required to reconstruct Ames Street, subject to final plans satisfactory to and approved by the City, including:

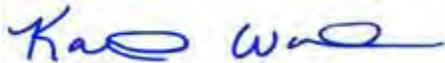
1. All existing public and private utilities located within (or affected by) the 20' land disposed.
2. Full reconstruction of the sidewalks on the eastern side of Ames Street, with street trees, meters and bike racks.
3. Sidewalks on the western side of Ames Street, to the extent they are disturbed in the course of completing the utility relocation.
4. Reconstruction of the Ames Street carriage way, incorporating 2-way protected bike lanes.
5. Replacement of the traffic signals at the intersections of Ames Street and Broadway and Ames Street and Main Street.
6. Installation of new streetlight poles and lamp heads pursuant to the City's current standards for LED lighting.
7. Given the extent of the public infrastructure being reconstructed and the proximity of the building to the edge of the right-of-way a detailed traffic management plan for construction activities will be required, with particular attention paid to accommodating pedestrians and cyclists during construction.

Stormwater Management

1. Applicant will be required to submit a complete Stormwater Control Permit.
2. Applicant will be required to meet Cambridge's 25 to 2 Requirement. This is a Cambridge specific requirement that the post-development discharge hydrograph for the 25-year 24-hour rainfall event must be less than or equal to the 2-year 24-hour rainfall event pre-development. The difference in the runoff volume must be stored or recharged on site.
3. Post-development peak discharge rates cannot exceed pre-development peak discharge rates. This must be verified for the 2-year, 10-year, 25-year and 100-year 24-hour storm event.

Sewer System -- Applicant will be required to store adequate sewer flow to ensure adequate protection for the building and the existing sewer system. Applicant will also be required to remove I/I from the system sufficient to offset new sewer flows (4:1 ratio).

Sincerely,

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

Katherine F. Watkins, P.E.
City Engineer