



ENGINEERING SUCCESS TOGETHER

MEMORANDUM

Date: April 29, 2013

To: Nora Loughnane

From: Phil Paradis P.E., LEED *PPM* BETA Project #: 4410 - 033

Subject: University Station
Stormwater Management

Pursuant to the comment responses provided by TetraTech in their memorandums entitled “University Station - Response to Comments”, dated up to and including April 29, 2013., BETA reports that comments raised during the Stormwater Management review process have been satisfactorily addressed. Stormwater systems are designed in accordance with all 10 DEP Stormwater Standards including managing peak flows, and to the extent feasible and appropriate, recharging collected runoff. The project as presented is not anticipated to impact down-gradient properties or wetland resources as related to stormwater runoff and it is expected to have a net positive annual water budget to the benefit of the overall project area. BETA understands that Dedham Westwood Water District (DWWD) is satisfied with the water quality measures indicated on the plans and outlined in the Draft Operations and Maintenance Plan. Various aspects of Section 9.8.5 of the By-law relate to actual use and as indicated in Section 9.8.5.2.11 will require confirmation by the Building Inspector as tenancies become clearer. BETA notes that recent changes to the development plan indicate the Proponent proposes no dumpster locations within a Zone 1.

As indicated in the Proponents response to comments, there are details that will require coordination beyond Town Meeting. BETA agrees that these requirements can be resolved as part of the preparation of construction document development and we recommend a submission of those plans be made to the Town to confirm the required coordination has been satisfactorily completed.

As the project moves forward it should be noted the importance of coordination with MassDOT to provide offsite drainage improvement required to outlet project drainage at points of analysis POA 3 at the intersection of Blue Hill Drive and University Avenue. In particular, as the MassDOT design of the intersection is finalized, assumptions made about the ditch conditions on the northerly side of University Avenue should be validated for consistency with the University Station project hydraulic calculations.

We also concur with the Proponent’s commitment to conduct field validation of the soil conditions at the inverts of the infiltration systems. Following field testing for hydraulic conductivity rates at infiltration basins, the Stormwater Management Report should be updated for administration purposes at that time.

Ref:

