



May 29, 2018

Town of Burlington Planning Board
Town Hall Annex
25 Center Street
Burlington, Massachusetts 01803

Re: Burlington Fire Station No.2
Application for the Minor Engineering Change

Dear Mr. Chairman,

Howard Stein Hudson on behalf of the Town of Burlington is submitting this minor engineering change application as a result of site plan design changes. The Fire Department is seeking to widen the proposed driveway opening on Terrace Hall Avenue from 41 feet to 60 feet. This is to allow the emergency apparatus to turn around on the driveway and avoid blocking Terrace Hall Ave.

Test pits within the footprint of the proposed infiltration systems witnessed by Christine Mathis, Town of Burlington Environmental Engineer and Kasey Ferreira from Howard Stein Hudson on May 16th, 2018 resulted in a higher estimated high ground water than previously estimated. The Test Pit logs are attached to this letter. The higher groundwater elevations and the required 2 feet of separation and the minimum cover over the systems will not allow for the infiltration systems to be installed. Therefore, we are proposing to convert the systems to detention systems. The systems will be wrapped in a 30 Mil liner and all pretreatment to the systems will remain.

Should you have any questions or comments I can be reached at (617) 348-3310 or jdowning@hshassoc.com.

Sincerely,

James Downing
Senior Civil Engineer

Attachments to this letter include; Form V, stormwater report, and revised plans.