

## APPLICATION REVIEW - DRAINAGE

Edgewater Hill Development; MS-2 Building

East High Street (CT Route 66)

East Hampton, CT

June 23, 2020

Review Comments prepared by:  
Anchor Engineering Services, Inc.

### Documents Reviewed:

Application Drawings: Site Development Plan, Proposed Mixed Use Building (MS-2) prepared for Edgewater Hill Enterprises, LLC Sheets 1-12, dated May 20, 2020 prepared by Boundaries LLC, 179 Pachaug River Drive, P.O. Box 184, Griswold, CT 06351  
**Revised: June 15, 2020;** Also revised Figure 4 from the Stormwater Report.

Comment Response Letter: Dated June 15, 2020 from Boundaries LLC, 179 Pachaug River Drive, P.O. Box 184, Griswold, CT 06351

Anchor Engineering has completed a review of the information listed above. Based upon this review, we have the following comments:

1. Regarding the proposed Water Quality Swale:
  - a. The future stormwater quality basin is proposed to be much larger than the temporary sediment trap included on the plans and the analysis includes the full build out. An analysis should be run to confirm that the smaller basin as included with the MS-2 building is adequate for the current proposed conditions (MS-2 only).
  - b. It appears that the intent of the design is to promote extended detention for the stormwater below the outlet elevation to provide the necessary stormwater treatment. Provide calculations that the ponded water will drain within 48 hours. The infiltration trench should be designed to completely dewater the bottom of the basin between storms.
  - c. It is recommended that a sediment forebay be included at the pipe outlet to provide pretreatment.
  - d. After construction of the MS-2 basin it should be inspected after major storms to establish the duration of standing water and any evidence of clogging. This information should be included with the future submission of the TS-2 and MS-3 buildings. This information along with the additional soil testing referred to in the comment responses at the time of the Market Square buildout can be used to determine the final configuration of the future stormwater quality basin at that time.