

AMERICAN ENGINEERING, Inc.

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December 11, 2023

Town of South Kingstown Planning Board
180 High Street
Wakefield, RI 02879


RE: Application of Bell Capital located at 485 High Street in South Kingstown, Rhode Island

To Whom it may concern:

This letter is written to address the stormwater mitigation requirements for the above referenced project. A stormwater management system would be required to mitigate stormwater runoff such that post construction conditions do not result in peak run-off increases in rate or volume from pre-construction conditions. The proposed conditions for this project will reduce both runoff rates and volumes. This will be achieved by reducing the impervious areas on site and by providing a permeable grass paver with a 12” subbase designed to capture and infiltrate stormwater. The proposed development has been designed to reduce the total impervious coverage for the site by 282 square feet. The permeable paver proposed, Aquastorm Grass Pavers by Techno-bloc (or approved equivalent) will have a subbase of a minimum of 12”. The Rhode Island Stormwater Design and Installation Standards Manual indicates that permeable pavers with a 12” or greater subbase in Hydrological Soil Group ‘B’ has a curve number of 55, while grass in the same soil group has a curve number of 61. By reducing the impervious areas and proposing a permeable paver, the proposed conditions will reduce the runoff rates and volumes from the site as compared to the existing conditions.

If there are any questions or if we can be of any further assistance to you either now or in the future, please call.

Yours Truly,



Patrick J. Freeman, PE