



January 31, 2020

GJ and BP Holdings
P. O. Box 1933
Vineyard Haven, MA 02568

RE: Special Permit, Packish, Brian - #14 Kennebec Ave., AP 9-29
VLS&E Job No. 723-1

Dear Mr. Packish,

The following information is regarding your construction project on the above referenced property. As requested, we have reviewed the following items:

1. Storm water management – runoff calculations have been determined for the 5-yr 2 hour event and the 10-yr 2 hour event. Rainfall data has been obtained from the Rainfall Frequency Atlas of the United States. (see attached sheet). Runoff volume calculated for the new structure for a 10 year storm 2-hour event = 334 Cu.ft.
2. Groundwater Elevation Data – The survey site plan uses NAVD 88 for the datum. Ground elevations range from approximately 10.0 to 12.5. Mean High Water elevation as listed on the USGS VDatum site is Elev. = 0.47. Approximating season high groundwater 18" higher than MHW for this site, we estimate the season high water table to reside at Elev. = 2.0. This elevation assumes well drained sandy soil as listed on the Soil Survey of Dukes County Massachusetts and should be field verified prior to construction.
3. Mean Natural Grade Calculation – average grade at the front face of the lot = 11.56

Please let me know if you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink that reads 'Reid G. Silva'.

Reid G. Silva, PE PLS
Professional Engineer
Professional Land Surveyor