

## MEMORANDUM

**TO:** Sarah Porter, City of New Bedford Conservation Agent  
**FROM:** Jennifer Johnson, PE, CPSWQ, CFM, Nitsch Engineering  
**DATE:** November 1, 2019  
**RE:** 100 Duchaine Boulevard, Parallel Products, DEP# SE49-0771, Raingarden

This memorandum is regarding the request for a Certificate of Compliance submitted by Farland Corp. on behalf of Parallel Products. The request for a Certificate of Compliance is regarding the construction of the solar panels, rain garden, and access driveway that connects the parking lot with solar canopies with the site driveway that is located to the east of the recycling building.

We most recently visited the site on October 24, 2019 to review the site work that Farland Corp. performed recently to correct the drainage issue.

The following summarizes our observations during the site visit:

- 1.) At the site visit, S. Porter indicated that Farland Corp. replaced the north section of the driveway that was previously incorrectly graded. This section of driveway now appears to pitch to the south and towards the rain garden.



**Photo 1 – Repaved section of driveway (on left) with corrected grading**

- 2.) On the south side of the driveway, there are still low points present that do not align with the curb cut. During the site visit, ponded water was observed in these areas. We had previously discussed this low

point with Farland Corp. and discussed the need to add a second curb cut at the location. It is unclear if this is still planned. While the ponded area observed during the site visit was small and the impact to the drainage system is likely minimal, there is the potential for icing during winter months. Farland should clarify if they still intend to correct this issue.



**Photo 2 – Low point on the south side of the driveway (rain garden located in vegetated area on far left)**

Please call if you have any questions.