

June 29, 2020

Mr. Dennis Audette
Chairman
New Bedford Conservation Commission
New Bedford City Hall
133 William Street
New Bedford, MA 02744

RE: Nitsch Project #9972
100 Duchaine Boulevard
Rail Spur Notice of Intent Review
New Bedford, MA

Dear Mr. Audette:

This letter is regarding the Notice of Intent (NOI) submitted for the Parallel Products rail spur and redevelopment project located at 100 Duchaine Boulevard in New Bedford, Massachusetts. In response to our comment letter issued on May 20, 2020, Nitsch Engineering received and reviewed the following documents from the Applicant:

- Response letter, prepared by Farland Corporation, dated June 4, 2020; and
- Plans entitled "Site Plan, 100 Duchaine Boulevard, Assessors Map 133 Lot 67 and Map 134 Lots 5 and 462, New Bedford, Massachusetts," prepared by Farland Corporation, revised June 26, 2020.

For clarity, we have provided the Nitsch Engineering comments from 20, 2020 in **blue font**, with the Farland Corporation responses in **black bolded** font. Our current responses are provided in **blue bolded** font.

General Comments

1. Comment closed.
2. Comment closed.
3. Comment closed.
4. Comment closed.
5. Comment closed.
6. Comment closed.

Massachusetts Stream Crossing Standards

7. Comment closed.
8. Comment closed.
9. Comment closed.

MassDEP Stormwater Management Standards

10. **Nitsch Response (05/20/2020): The Applicant has added water quality treatment for the roadway section to address our comment, with corresponding detail on Sheet 14. The detail provided indicates a rim to invert depth of greater than 4 feet, so the Applicant should confirm that a rim to invert depth of 3 feet is possible. A detail for the level spreader should also be provided on the plans.**

Farland Response (06/04/2020): Although its good to have a rim to invert depth of 4 feet, in this case considering the existing grades and proximity to the wetland we have proposed 3 feet which is still adequate. This will allow the level spreader to work as designed. We have added a detail as requested on sheet 20.

Nitsch Response (06/23/2020): The Applicant has provided the requested detail for the level spreader. We note the dimensions for the level spreader and associated perforated pipe should be consistent with the Grading and Drainage Plan. Given the proximity to the wetland line, we recommend that this area be staked and reviewed in the field prior to construction. Comment closed.

11. Comment closed.

12. Comment closed.

13. **Nitsch Response (05/20/2020):** The revised HydroCAD reflects the proposed basin and outlet control structure design, which was revised to provide a longer flow path. However, the relocated outlet control structure discharges to the west, with a level spreader invert elevation of 76. The nearest existing contour is elevation 79, so it is unclear how this area will tie into the surrounding grades. The Applicant should review the area and provide a detail for this discharge point, including the location of the level spreader and required grading, on the final plan set.

Farland Response (06/04/2020): Farland Corp has revised the grading plan and added another level spreader detail for this area. Please note the level spreader is set at elevation 76 with top of pipe at 77 and is surrounded by 2"-6" riprap that allows the water to easily disperse horizontally through the higher elevation

Nitsch Response (06/23/2020): The Applicant has provided the requested detail for the level spreader. We note the dimensions for the level spreader and associated perforated pipe should be consistent with the Grading and Drainage Plan. Given the proximity to the wetland line, we recommend that this area be staked and reviewed in the field prior to construction. Comment closed.

14. Comment closed.

15. Comment closed.

Impacts to Wetland Resource Areas

16. Comment closed.

17. Comment closed.

18. Comment closed.

19. Comment closed.

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If you have any questions, please call us at 617-338-0063.

Very truly yours,

Nitsch Engineering, Inc.

A handwritten signature in blue ink, appearing to read 'JLJ', with a long horizontal flourish extending to the right.

Jennifer Johnson, PE, CFM, CPSWQ, LEED AP
Project Manager

JLJ/

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