Civil Engineers ♦ Land Surveyors ♦ Landscape Architects

April 3, 2024

Marshfield Zoning Board 870 Moraine St. Marshfield, MA 02050

RE: Bridle Crossing off Ferry Street

Application for Site Plan Modification Owner: Matlin, LLC c/o Sealund Corp.

## Dear Board Members:

Enclosed please find the 10 copies of the revised plans for the above referenced project. The revisions are in response to comments from a meeting with Ed Pesce on March 20, 2024 and include the following:

- 1. The lighting plans has been revised to add lighting to the driveway within the right of way.
- 2. The silt sock on sheet 13 has been revised to silt fence since the slopes are designed at a 4:1 slope.
- 3. The turtle exclusion fence locations have been added to the plan.
- 4. The truck trip calculations from the Construction Operation and Maintenance Plan have been added to sheets 1, 8, and 13. The truck trip calculations include both a 40 and a 30 truck trip per day scenario. Both are completed within one year.
- 5. The Construction Operation & Maintenance Plan has been updated.
- 6. The Oil/Grit separator has been modified. Bypass piping has been added to the plan.
- 7. Column "N" has been added to sheet 9 to show the calculated breakout elevation.
- 8. Column's "K", "L", "M" have been revised to reflect the 75' long trench.
- 9. The call out for note 8 on the Nitroe-2KM SAC detail has been removed.

## **Traffic Comments:**

- 1. No response required
- 2. The sight lines and vertex for the sight triangle have been revised. The vertex is shown to be 14.5 feet behind the stop line. See sheet 10.
- 3. No response required
- 4. Chappell Engineering recommends a single lane exit out of the subdivision. We believe the double lane exit will function appropriately. If the Board feels strongly about the single lane exit a condition could be made as part of the decision.
- 5. The pavement markings have been extended from the intersection to the yield line at the proposed covered entrance structure.
- 6. No response required
- 7. The sight lines and vertex for the sight triangle have been revised. The suggested note has been added to sheet 10.
- 8. No response required

9. We have reviewed critical turning movements for truck travel route. We have analyzed through AutoCAD vehicle tracking the emergency and construction entrance to Clay Pit Road, see attached.

If you have any questions, please do not hesitate to call.

Sincerely,

GRADY CONSULTING, L.L.C.

Darren Grady, P.E.

Principal

cc.

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c/o Kevin Sealund

& Matthew Dacey

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