



June 1, 2020

Fairhaven Planning Board  
40 Center Street  
Fairhaven, MA 02719

**RE: LEWIS LANDING – HUTTLESTON AVENUE**

Dear Board Members:

On May 11, 2020, GCG submitted a series of thoughtful comments on our February 18<sup>th</sup> plan submission. We were obviously disappointed that it took three months to review a set of plans for a project that they had previously reviewed. Prior to revising the plans, there are several items on which we would like the Planning Board to opine.

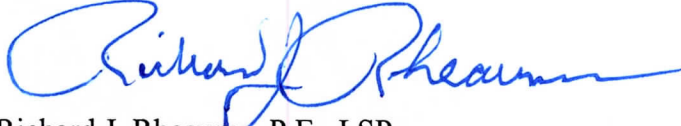
GCG Comment on Sheet 2, Item 1 – Following removal of over 90% of the suspended solids, the outflow from the constructed pocket wetlands is shown to flow to a wooded upland area where a low earth dike allows much of the flow to be detained and infiltrated. The remainder will over top the dike spillway and flow southerly. GCG recommends that, rather than have preserved the upland woodlands, the area be cleared, stumped, loamed and seeded and that an access road be built in case someday there is need to mobilize heavy equipment to maintain the area. We prefer to preserve the natural tree stand and, if in the unlikely event that years from now there is need for maintenance, that it be done by hand labor.

Sheet 2, Item 2 – The constructed pocket wetlands are bordered by deciduous and evergreen landscaping in order to comply with zoning requirements and as a significant aesthetic element of the design. GCG recommends that all vegetation be eliminated in the unlikely event that years from now heavy equipment is required to maneuver around the entire constructed wetland systems for deep excavation/maintenance of the constructed wetlands. We prefer to keep the vegetation as proposed and allow bobcats and other light equipment to access the constructed wetland at the southeast access point and the southwest access points that were designed for access. It is our firm belief that constructed pocket wetlands do not need heavy equipment to perform deep excavations for replacement of the wetlands any more than natural wetlands need periodic deep excavation replacement by heavy equipment.

We asked the Conservation Commission about these two matters and they preferred that the upland tree stand be preserved and that the proposed landscaping around the detention basin be preserved.

Sincerely,

**PRIME ENGINEERING, INC.**



Richard J. Rheault, P.E., LSP  
Chief Engineer



June 24, 2020

Fairhaven Planning Board  
40 Center Street  
Fairhaven, MA 02719

**RE: LEWIS LANDING DRAINAGE**

Dear Board Members:

A video assessment has been made of the existing drain lines at Lewis Landing. It was determined that the drain that we had shown connected to the Route 6 drainage system has been abandoned and is clogged with soil. It is clear that MassDOT extended the drainage system westerly as shown on our revised plan. We have also determined that during large runoff events, the stormflow comes out of the dilapidated manhole in the wetlands and flows over land onto the abutter's land to the southwest. That is the overland stormflow that was observed in the video that was shown at the initial public hearing. It is proposed to re-habilitate that manhole and to install a bolt down manhole cover. This will assure that the stormflow does not come out of the manhole and will be contained in the pipe system. The reduced rate of stormflow resulting from the proposed detention basin at Lewis Landing will also be beneficial to the drainage conditions. The combination of these two measures will improve the overall drainage system function, resulting in considerably less overland flow than currently occurs.

Sincerely,  
**PRIME ENGINEERING, INC.**

Richard J. Rheault, P.E., LSP  
Chief Engineer





June 20, 2020

Fairhaven Planning Board  
40 Center Street  
Fairhaven, MA 02719

**RE: LEWIS LANDING – HUTTLESTON AVENUE**

Dear Board Members:

Lewis Landing was submitted to you last September. Since then, it has undergone a number of hearings and four or five costly reviews by GCG Associates. We responded to the last review and believe that all issues have been resolved. The next hearing is scheduled for August 25. It would be incredibly disappointing to have the Planning Board decide at the end of August that they wanted further review by GCG, which would put the project review period past the one year mark.

We therefore request that you decide on whether there is a need for further review at your next meeting, rather than have us wait for another six weeks.

Thanks in advance for your decision.

Sincerely,  
**PRIME ENGINEERING, INC.**

A handwritten signature in blue ink, appearing to read 'Richard J. Rheume'.

Richard J. Rheume, P.E., LSP



July 23, 2020

Fairhaven Planning Board  
40 Center Street  
Fairhaven, MA 02719

**RE: LEWIS LANDING – HUTTLESTON AVENUE**

Dear Board Members:

In your February hearing, you reviewed a set of plans revised February 14, 2020, which eliminated the previously proposed garage and storage buildings. It also eliminated the second driveway near New Boston Road and eliminated a considerable amount of pavement. In addition, the detention basin was relocated. These plans were subsequently transmitted to GCG who issued a comment letter on May 11, 2020. There were no major comments, but we did make minor revisions to the set of plans with the revision date of June 25, 2020 (sent to you electronically on June 29, 2020). The minor changes are as follows:

- More detail has been added to the constructed wetlands with added dimensions and bottom elevations.
- Additional detail of the basin outlet structure was provided.
- A crushed stone outlet detail was added.

There were also incidental additions to the Operation and Maintenance Report, adding silt sacks in catch basins and providing additional maintenance procedure.

On July 6, we had a hearing with the Conservation Commission and they were satisfied with the revisions but requested we add additional notes regarding the repair of the on-site manhole which is shown on the set of plans that was transmitted to you on July 9<sup>th</sup>.

We look forward to your favorable review.

Sincerely,

**PRIME ENGINEERING, INC.**



Richard J. Rheume, P.E., LSP  
Chief Engineer

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