

2/25/2020

Mr. Michael Behrendt

Town Planner

8 Newmarket Road

Durham, NH 03824

Dear Mr. Behrendt, members of the Planning Board, and Conservation Commission Officials,
On behalf of our client Bonnie Brown, of 253 Durham Point Road, we graciously submit to you a Conditional Use Permit Application, as well as the requisite documents necessary for its consideration, for a Solar Array installation at the abovementioned address. Please let this letter of intent underscore our position, that although our proposed solar array plan is well within the WCOD setback boundaries, it will not have an adverse impact on the adjacent wetland area, and consequently should be considered for your approval.

To make that argument I would like to point out three facts about our proposal, which should illustrate its efficaciousness for this situation, as well as our overall consciousness of the need to mitigate adverse environmental risk, whenever and wherever possible. First, we are not digging the footings into the ground, but rather they are what are known as "ballast-blocks," which are designed to sit on top of the surface of the ground, thus minimizing soil disturbance only to what's required in order to dig an 18" trench for electrical conduit-(which is something we can do without the aid of a large machine.) Second, these footings are "Pre-Cast," meaning that we're not pouring any concrete into the holes we are not digging. This means that the long-term efflorescent leaching potential of calcium hydroxide, gypsum, lime, and the like, will be greatly diminished, especially when compared to concrete footings that are poured in-place, in contact with the water-table. And third, we will, in accordance with best practice guidelines regarding wetland preservation, be using a silt-fence between the solar ground-mount and the wetland, in order to further minimize any potential silt runoff.

It should further be emphasized that there is no other alternative location on the property, where it would be possible to site either a ground-mount, or a comparable roof mount, (much less a location that would fall outside of the Wetland Conservation Overlay District.) The proposed site is level, and won't require grading, so we will be leaving the site exactly as we found it, (with the exception of new the solar system, of course.)

Additional documents should support our case, but if at any time throughout this process, additional clarification is required, I will be more than happy to fill in any remaining gaps; please feel free to reach out to me anytime. Meanwhile, thank you for your thoughtful and thorough consideration!

Kind regards,

Erik Pickhardt

Design Manager



124 Hall St. Unit G

Concord, NH 03301

(603) 717-6367

erik@gosolarne.net

