

**Hinesburg Energy Committee**

Hinesburg, Vermont

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JUN 03 2014

TOWN OF HINESBURG  
DRB & ZONING

6/3/14

Hinesburg DRB,

On behalf of the Hinesburg Energy Committee, I am submitting this alternative plan to suggest a better way to get solar orientation for the proposed Haystack Meadow subdivision. Our committee agreed that the orientation of the units for active and passive solar gain is critical and is part of our zoning and subdivision regulations (as noted below).

**Section 5.23 ENERGY & GREEN BUILDING STANDARDS**

"Therefore, the intent of these energy and green building standards is to help ensure that new development is sited and built such that energy and overall resource use is minimized over the long term. These standards shall apply to all new structures in Hinesburg....."

**6.12.4 General Standards:**

(6) After the aforementioned design standards are considered, projects should be sited and designed to take maximum advantage of solar gain – to ensure passive solar gain and to allow for the use of active photovoltaics, thermal panels, and other solar technologies now or in the future. Solar access should be considered for uses/structures as well as for the subdivision as a whole to allow for solar installation areas when individual uses/structures can't be located to take maximum advantage of solar gain.

It should be noted that the above regulations are not part of the formula for gaining density bonuses. In the spirit of both the zoning and subdivision regulation the orientation of the structure should be addressed in sketch plan and not preliminary plat review. Orientation changes may require lay out changes which should be addressed in sketch plan.

It is also our feeling that the discussion concerning the overall energy requirements and the source of that energy for this project and the potential for net zero energy would be a worthwhile conversation to have with the developer.

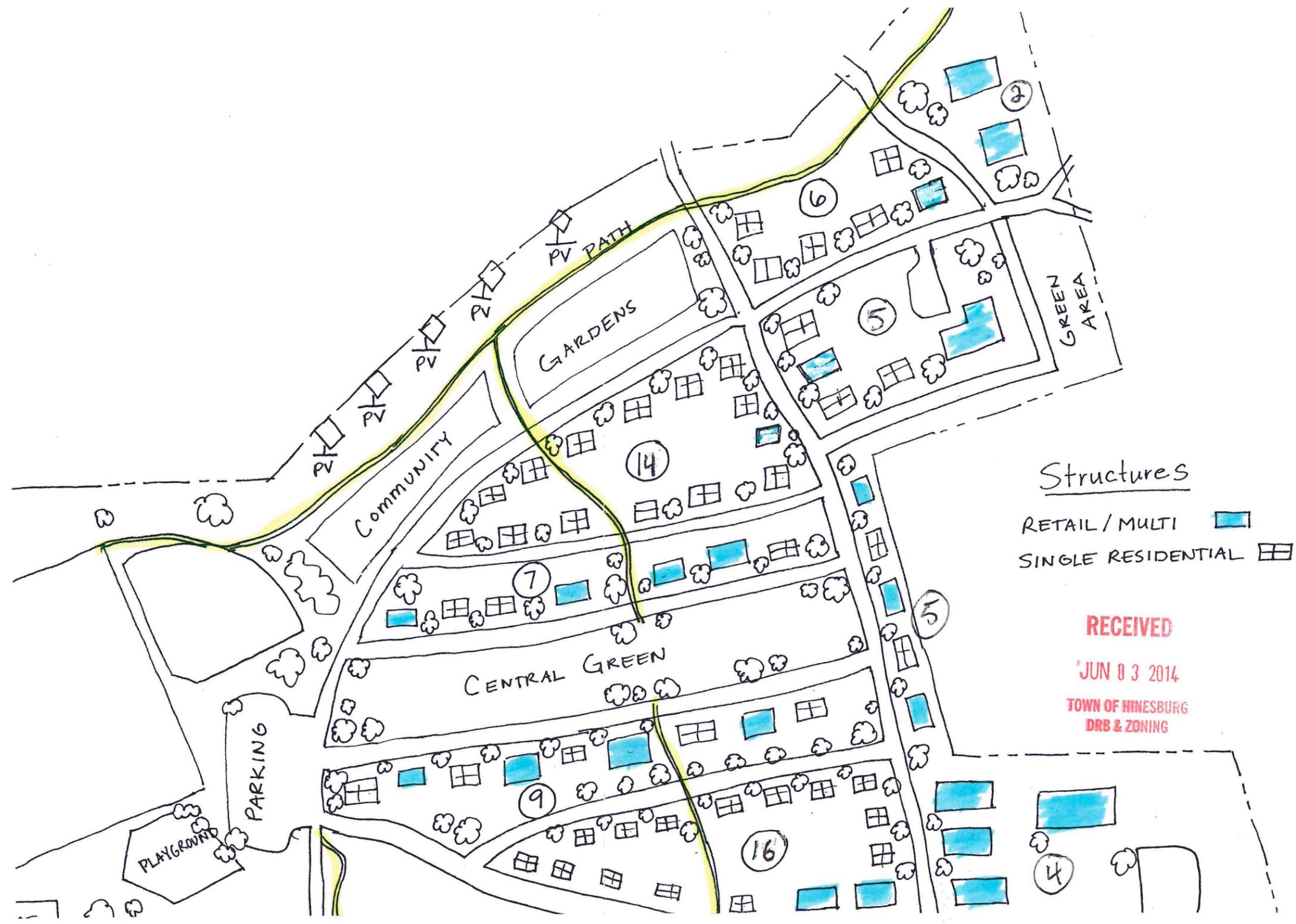
The generalized plan we are submitting is just a means to advance the discussion about the energy issues related to this application. Our committee stands ready to assist the DRB in any way we can.

Sincerely,



Chuck Reiss

On behalf of the Hinesburg Energy Committee



Structures  
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