

Paul Foley

From: Chris Fried [chrisfried@hotmail.com]
Sent: Friday, July 12, 2013 3:35 PM
To: foley@mvcommission.org
Cc: Mas Kimball; Bruce Nevin; Paul Pimentel; John Abrams; Ewell Hopkins; chrisfried@hotmail.com; Richard Toole; Brenden O'Neil (VCS)
Subject: Stop & Shop comments

Hi Paul. Here are the comments I offered in last night's public hearing. Please distribute to involved people. Thanks.

7/11/2013 Public Hearing of the Tisbury Stop & Shop Proposal Comments Offered by Chris Fried, ME

I would like to introduce the issue of Climate Change (CC) into this hearing. My reasons are these:

(1st) The proposed new S&S building, like all buildings, will contribute to the generation and release of CO₂ throughout its lifespan, and this will exacerbate CC and the numerous side effects (sea level rise, etc.) that are becoming increasingly evident here on MV. And ...

(2nd) The proposed new building will likely be ruined by the winds, waves, and surges of hurricanes. We don't know when it will be completely ruined. Maybe in a decade or two.

I'm here to suggest that adjustments to the building's design be introduced now so that the building, with all its equipment, will use less energy through its life span, and thus release less carbon. I'm also suggesting that the building be made more flood resistant. Its basement floor can be made higher, and/or made self-bailing. Walls and roofs can also be made stronger. I'm guessing that these adjustments might extend the building's lifespan, and thus result in more reliable availability of food and other essential supplies.

To reduce its climate impact, state of the art energy management systems, heating systems, cooling systems, refrigeration, and super insulation can be incorporated in the new building. And, last but not least, non-polluting solar panels can be attached to roofs and carports, much like those at Cronig's supermarket.

I'd like to address one more issue – that of the building code. Our state has a relatively new set of regulations called the Stretch Code. But it's far from perfect. It provides only a 20% improvement over the old code. So, I'm suggesting that the new S&S building, and all new Vineyard buildings, be designed and constructed to follow the guidelines of LEED (which stands for) Leadership in Energy & Environmental Design.

Following LEED suggestions (but not necessarily formal certification), the S&S designers should aim for the Silver, Gold, or best yet, Platinum LEED standard. These standards can result in energy and carbon reductions greater than 50%, far better than the Stretch Code's 20%. And if the S&S owners and designers are really smart, they can make additional cost-effective adjustments that will cut their building's energy consumption and carbon release to almost zero, much like that now being achieved by Habitat for Humanity, and other affordable housing organizations here on MV.

So, in summary, I'm suggesting that the new S&S building be redesigned so that its fossil-fuel use and C release will be close to zero, and that the building be made more able to withstand hurricanes, and thus remain useful to us for more years.

(end)

Chris Fried, ME
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