

Joe Colangelo

From: Ashar Nelson <ashar@vermontintegratedarchitecture.com>
Sent: Tuesday, May 28, 2013 12:42 PM
To: Joe Colangelo; Jonathan Trefry
Cc: Rocky Martin; Alex Weinhagen; Michael Bissonette; Andrea Morgante; Phil Pouech; Tom Ayer; Al Barber; Koss, Frank
Subject: RE: Safety Facility Fire Department Roof Design
Attachments: Hinesburg Three Options.pdf

Good Afternoon Hinesburg Team,

After the SB meeting early last week, and the Committee meeting at the end of last week, we have been exploring what other options might look like to simplify water and snow on the apparatus bay addition roof. The attached PDF shows 3 options - Option A represents the original design idea, which has been modified a bit to accommodate larger overhead doors on the addition; Option B illustrates the idea of turning the ridge of the apparatus bay addition to simplify the roof forms. Option A and B were shared with the committee two weeks ago, with a strong committee preference for Option A, mostly based on aesthetics and a simple structural solution.

Option C is the new idea, which directly addresses the water and snow concerns raised by Tom. This solution has a low-sloped roof bounded by parapets, which would shed most of the south roof water (from south slope of existing gable and the new apparatus addition) off the south side of the building. A small piece of sloped roof between the existing building and new addition is required to resolve the geometries and helps tie the two volumes together. This is a very practical solution that represents a different direction architecturally, but still fits within the patterns that exist in the village.

The option of an entirely internally drained "flat roof" exists as well, but no budget was carried for that internal roof drainage infrastructure, and the resulting massing with horizontal eaves on all new sides would be a new pattern in the village. This option was not modeled.

If possible, please print these to review them. The printed drawings provide a better representation and allow better judgment.

Please return your comments on this solution to me as soon as possible - this does represent a late change of direction, and we will need resolution of this issue quickly.

Thank you,
Ashar

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