



Civil Engineers • Land Use Planners

July 1, 2015

RECEIVED

Attn: Alex Weinhagen
Town of Hinesburg
10632 Route 116
Hinesburg, VT 05461

JUL 01 2015
TOWN OF HINESBURG
DRB & ZONING

**Subject: Hinesburg Center Phase II, Underground Parking
Assessment and Proposed Placement of Existing Fill,
Farmall Drive, Hinesburg, Vermont**

File: 2007039.1

Dear Alex:

Brett Grabowski asked us to assess the feasibility of including underground parking beneath the proposed 28 unit building in Phase II of the Hinesburg Center project. The finish grade elevation of Phase I directly east of this building is approximately 333.0. Assuming a main floor elevation of 334.0 and 10'-0" floor-to-floor, the garage floor elevation would be approximately 324.0. The FEMA flood elevation for Patrick Brook to the north of the building is approximately 329.0, thus the garage floor level of this building would be well below the flood elevation. Therefore we do not recommend including below-grade parking at this site.

We were also asked to provide a recommendation for placement of the existing fill piles at the site. Since the material consists largely of topsoil and miscellaneous fill that would not meet the required specifications for placement as structural fill, we recommend placing this material in non-structural areas only, such as the community greens. Mr. Grabowski has been advised of this recommendation and concurs.

Sincerely,
Ruggiano Engineering, Inc.

Clifford R. Collins, Jr., P.E.