



March 29, 2019

Peter Bingham  
51 Lakeside Ave  
Burlington, VT 05401

RE: Subdivision with construction of 2 single family residences at 59 Lower English Settlement Rd.

Dear Peter,

We have reviewed your request to subdivide and construct 2 new single family residences at 59 Lower English Settlement Road in Underhill. After reviewing the overall site plan along with the driveway plan and profile for lots 2&3 (dated 2-22-19), the addition of two single family residences would not add any undo burden on the fire department's ability to provide reasonable fire protection to the new home or the community.

I have attached a copy of our criteria checklist for one or two family residences for you to have. **The curb cut on both driveways only has a 20' turn radius which does not meet our minimum 35' turn radius requirement and should be increased to 35'. Also the driveway on Lot 3 does not say what the turn radius is, but it appears to be a fairly sharp turn especially on a -10% slope. Again if it is not at least 35' turn radius it will need to be increased to meet the requirement.**

From the plans provided your proposed driveway meets the minimum width of 14' on the portion leading to 2 residences and minimum width of 12' on the sections leading to just one residence. As well as having a slope that is not greater the 10% standard. We are glad to see the hammerhead turnarounds near the residences are sized at to accommodate our largest engine and the one that carries the most water (15' wide by 37.5' deep).

Reminder that there should also be an unobstructed height of 13'6" above the driveway. 911 address numbers are to be posted at the driveway entrance and must be a minimum of 4" in height and of contrasting colors, i.e. white on green.

If the site plan changes we ask you provide us with an updated copy for our review and comment. If you have any questions you may contact me at 899-4025 or by e-mail at [Harry@ujfd.org](mailto:Harry@ujfd.org)

Sincerely,

  
Harry Schoppmann III  
Duty Captain

Cc: Town of Underhill Zoning

**UNDERHILL-JERICHO FIRE DEPARTMENT, INC.**

P.O. Box 150 • Underhill, Vermont 05489 • Station: 802-899-4025

UNDERHILL-JERICHO FIRE DEPARTMENT, INC.  
CHECKLIST  
ONE OR TWO FAMILY RESIDENCES CRITERIA

1. Town Road Specs shall be used for the construction of any access road.
2. Driveways and entry road must meet the following minimums:
  - 1 residence 12' wide
  - 2 residences 14' wide
  - 3 to 4 residences 20' wide
  - 5 residences or more 24' wide
3. Driveways to each house from the point of town road or access road shall be the following:
  - minimum of 12 feet wide
  - not less than 12 inches of gravel base
  - driveways shall have slopes no greater than 10%
  - maintained and kept clear 12 months per year
  - all bridges shall have a rating capacity of 35,000 pounds or more
  - all curves and grades shall meet town road specifications
  - driveways shall have clear height unobstructed of 13'-6"
  - curve radius – 30' inside radius minimum
4. Distance between dwellings:

If the available fire flow is less than 500 gallons per minute, or the nearest hydrant, if any, is more than 500 feet away, the distance between dwellings must be greater than 100 feet. For less than 100 feet Separation, ISO Standard 6/80 must be met.
5. Identification of dwelling:

Residents shall have their names posted conspicuously on mailbox or sign at the intersection of the driveway.
6. Early warning devices:

All dwelling units shall be protected with a minimum of 1 U.L. approved smoke detection device at or Near the heating apparatus and one protecting all sleeping quarters.
7. Fire department access to dwellings:
  - Exterior access must be provided to all basements, which should be accomplished by one of the following; (1) bulk-head with stairs, (2) window w/minimum dimension of 3', (3) or a passage door.
  - All concealed spaces with a clear dimension of more than 24" shall be provided with a 3' x 3' access door; this shall include attic and crawl spaces.
8. Heating devices:

Installation of all solid fuel (wood/coal burning) heating devices shall be approved by the fire department before such devices become operational.
9. Notification of occupancy:

A Fire Department Home Owner's Form must be filed within one week of occupancy.