

On Aug 13, 2016, at 1:25 PM, Chief David Flannery <Chief@carlislefdma.org> wrote:

Travis,

Brem - 299 - 08.13.2016

I attended the ZBA Hearing on August 8th to learn more about the changes shown on the February 2, 2016 plan Lifetime Green Homes made to the 100 Long Ridge Road Project which the fire department previously reviewed. After checking with the code compliance office at the State Fire Marshal's Office here are my comments:

1. The developer must submit the documents required in Chapter 18 of the Massachusetts Comprehensive Fire Safety Code which went into effect on January 1, 2015.

This information includes;

- a. 18.1.1.3 An analysis and evaluation of fire apparatus maneuvers throughout the access roads created by swept path analysis and turn simulation software.
- b. 18.1.1.4 The fire apparatus access plans shall bear the seal and signature of the responsible registered professional engineer.
- c. 18.1.3.1 Plans for fire apparatus access roads shall be submitted to the fire department for review and approval prior to construction.
- d. 18.1.3.2 Plans and specifications for fire hydrant systems (fire protection water supply) shall be submitted to the fire department for review and approval prior to construction.

I confirmed that the review of the development for fire department access and water supply will come under the requirements of Chapter 18 of the Massachusetts Comprehensive Fire Safety Code. Based on what was presented at the ZBA Hearing on August 8th I believe the dead end portion of the development may not be in compliance with Chapter 18, specifically section 18.2.3.4.4. Dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with approved provisions for the fire apparatus to turn around.

These comments apply to the information available to date. Additional matters may develop concerning fire department access and water supply which will require further review and comment.

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