



# *Walpole Fire Department*

## *Emergency Services*

**Timothy F. Bailey, Jr.**  
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To: Board of Appeals  
From: Paul C. Barry, Deputy Fire Chief  
Date: January 19, 2021  
RE: Diamond Hill Estates, Dupee Street  
December 2020 submissions

The following comments are provided by the Walpole Fire Department (WFD) regarding the Dupee Street 40B Project.

1. The fire department does not find the proposed hammerhead/parking area acceptable. We do not find the proposed combination hammerhead and parking area a safe alternative. We prefer and find a typical rounded cul-de-sac as a safer option. When possible, we try to avoid requiring having fire apparatus backup. Incorporating parking areas in a fire lane/emergency turn around is not preferred and does not appear to be the safest solution. We find a “cul de sac” that does not require our fire apparatus to back up as acceptable.
2. The stamped and signed turning radius document shows fire apparatus having to cross the centerline of the heavily traveled Route 27. This is prohibited per 527 CMR 1. 18.2.3.4.8 Travel in the Opposing Lane states, the use of the opposite travel lane is prohibited in the design of all new fire apparatus access roads. This is a dangerous situation that should be evaluated and resolved prior to adding additional structures to the response area.
3. The applicant’s documents state one utility pole will need to be relocated to improve the Dupee Street intersection with High Plain Street. Relocating telephone poles can be a lengthy process. If the project is approved, we request the Dupee Street and High Plain Street intersection improvement be required and completed prior to permits being issued for the structures.

4. We have concerns with the project name Diamond Hill Estate; the Town already has a Diamond Street and a Diamond Pond Terrace.
5. We support and prefer the water main to be looped.
6. We prefer the opportunity to work with the developer on final hydrant locations, but request the hydrants be in place prior to permits being issued for the residences.
7. Tree plantings must consider growth over the roadway to prevent damage and impede fire apparatus.
8. 527 CMR 1 states the minimal unobstructed access width shall be 20 feet; the proposed roadway does not allow for curbside parking, signs and roadway markings will be required.
  - a. 18.2.3.4.1.1 Fire Department access roads shall have an unobstructed width of not less than 20 feet.
  - b. 18.2.3.5.1 Where required by the AHJ, approved signs, approved roadway surface markings, or other approved notices shall be provided and maintained to identify fire department access roads or to prohibit the obstruction thereof or both.

If there are any questions or concerns, please do hesitate to contact me.