

**Hopkinton Fire Department
73 Main Street
Hopkinton, MA 01748**

To: Zoning Board of Appeals

From: Lt. Ken Clark, Operations Officer

Date: 17 September 2003

Re: Revised Site Development Plan Review

Location: Stagecoach Heights, 40B Comprehensive Permit Project

Zoning Board Members,

This Department has met on several occasions with representatives from the Stagecoach Heights project and reviewed plans in regards to street widths, hydrant locations, sprinkler systems and other public safety issues. These particular comments were generated from a review of emended submissions released by the applicant. I recommend reviewing the Fire Department comments addressed to you dated 29 August 2002 regarding this plan.

- I. Street Drain Plan dated 05 September 2003.
 - A. Standard objection to one way streets, approximately 360 plus or minus feet of roadway has only one access route, the applicant has identified two fifteen (15) foot multi directional travel lanes spaced approximately six (6) feet apart to lessen the chance of a complete lane blockage.
 - B. The twenty (20) foot roadway width within and around the proposed buildings will facilitate movement of multiple emergency vehicles is acceptable to the Fire Department.
 - C. All hydrant locations will be coordinated through Eric Carty at the DPW Water Division.
 - D. All roadways shall meet the minimum SU-30 turning template – single unit vehicle turning radius.
- II. Road Way Cross Sections plan dated 23 April 2003.
 - A. All road grades appear to be acceptable.
- I. Site Development Plan dated 05 September 2003.
 - A. Pages 1 of 12 and 2 of 12: Roadway widths and hydrant locations acceptable.
 - B. Pages 3 of 12 and 4 of 12: No comment.
 - C. Pages 5 of 12 and 6 of 12: Roadway widths and hydrant locations acceptable.
 - D. Pages 7 of 12, 8 of 12, 9 of 12, no comment.
 - E. Page 10 of 12: Typical fire hydrant detail: minimum distance of the hydrant steamer connection off the finished grade shall be acceptable to the Water Department.
 - F. Pages 11 of 12 and 12 of 12: no comment.