



# CITY OF MADISON FIRE DEPARTMENT

## Fire Prevention Division

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DATE: May 22, 2007

TO: Plan Commission

FROM: Edwin J. Ruckriegel, Fire Marshal

SUBJECT: **530 & 610 Junction Road**

The City of Madison Fire Department (MFD) has reviewed the subject development and has the following comments:

**MAJOR OR NON-STANDARD REVIEW COMMENTS** (Comments which are special to the project and/or may require additional work beyond a standard, more routine project.)

1. Provide fire apparatus access as required by Comm 62.0509 and MGO 34.19, as follows:
  - a. A dead-end fire lane that is longer than 150-feet shall terminate in a turnaround. Provide an approved turnaround (cul-de-sac, 45 degree wye, 90 degree tee) at the end of a fire lane that is more than 150-feet in length. If firelanes are located in parking lot, provide a way out or an approved turnaround.
  - b. Where there is a change in the direction of a fire lane, the minimum inside turning radius shall be at least 28-feet.

## **GENERAL OR STANDARD REVIEW COMMENTS**

In addition, we offer the following General or Standard Review Comments:

2. Provide fire apparatus access as required by Comm 62.0509 and MGO 34.19, as follows:
  - a. The site plans shall clearly identify the location of all fire lanes.
  - b. Provide a completed MFD "Fire Apparatus Access and Fire Hydrant Worksheet" with the site plan submittal.
  - c. Provide an aerial apparatus access fire lane that is at least 26-feet wide, with the near edge of the fire lane within 30-feet of the structure, and parallel to one entire side of the structure.
3. All portions of the exterior walls of newly constructed public buildings and places of employment and open storage of combustible materials shall be within 500-feet of at least TWO fire hydrants. Distances are measured along the path **traveled by the fire truck as the hose lays off the truck**. See MGO 34.20 for additional information

Please contact Bill Sullivan, Fire Protection Engineer, at 608-261-9658 if you have questions regarding the above items.

cc: Scott Strassburg