



CITY OF MADISON FIRE DEPARTMENT

Fire Prevention Division

325 W. Johnson St., Madison, WI 53703-2295

Phone: 608-266-4484 ♦ FAX: 608-267-1153

DATE: 5/18/06
TO: Plan Commission
FROM: Edwin J. Ruckriegel, Fire Marshal
SUBJECT: **5817-5818 Gemini Dr.**

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. Depending on heights of buildings and location of fire lanes, buildings do not comply with COMM 62.0509 if over 30' in height to fire access. Gemini Drive does not scale out at a minimum of 20' as required for fire access. The 11-unit needs fire access on the east & west sides, but does not have the required turning radius. Unknown if building is sprinklered.

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. Where there is a change in the direction of a fire lane, the minimum inside turning radius shall be at least 28-feet.
 - d. Per IFC 503.3 Show approved "fire lane, no parking" signs posted on the site plan. A max of 150- feet on center. Signs must be visual and easily read from any location on the fire lane. Fire lanes 20-27 feet wide will be posted as fire lane on both sides, 28-35 feet wide shall be posted fire lane on the appropriate side only.
 - e. Provide a minimum unobstructed width of 26-feet for at least 20-feet on each side of the fire hydrant.
 - f. Provide a fire lane that extends to within 150-feet of all exterior portions of the structure.
 - g. 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 John Lippitt, MFD Fire Protection Engineer, at 608-261-9658 if you have questions regarding the above items.

cc: John Lippitt