



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: 6/7/05

TO: Plan Commission

FROM: Edwin J. Ruckriegel, Fire Marshal

SUBJECT: **876 Jupiter 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. Phase A-1 Building does not have the aerial access of 26 feet wide within 30 feet. There is parking on the street that needs to be accounted for.
2. Phase A-2 Building is over the 150 foot hose length without using the parking lot, but the parking lot is over 150 feet and would require a turnaround, unless there is an outlet not shown to the West.
3. Phase B there would need to be an outlet or turnaround at the end of the parking lot to the East for this to comply as its fire access as required.
4. There are no Fire hydrants shown on the plans.

GENERAL OR STANDARD REVIEW COMMENTS

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

1. A fire alarm system and/or automatic fire suppression systems are/may be required. Ensure contractors submit applications for work permits along with construction documents for all fire protection and/or life safety systems as specified in MGO 34.24, to the Madison Fire Department for approval prior to installation.
2. 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.
3. 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. 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.

- 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.
- d. Fire lanes shall be unobstructed; there are obstructions shown on the fire lane, remove all obstructions. Examples of obstructions: including but not limited to; parking stalls, loading zones, changes in elevation, power poles, trees, bushes, fences or posts.
- e. Provide a completed MFD "Fire Apparatus Access and Fire Hydrant Worksheet" with the site plan submittal.

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

cc: John Lippitt