



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: 8/5/05
TO: Plan Commission
FROM: Edwin J. Ruckriegel, Fire Marshal
SUBJECT: **110 N. Gammon Rd.**

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. The fire lanes extend from the ones shown back to the public way (street) Clearly identify the fire lanes back to the street. The inside turning radius must be 28 feet. The existing parking lot does not allow for this on the fire lane. The 26x150 fire lane in the rear extends back to the public way and thus is over the 150 feet. Provide a turn-around or adjust the existing parking lot to provide this turnaround.

GENERAL OR STANDARD REVIEW COMMENTS

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

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 an additional fire hydrant on the site plans; see MGO 34.20 for additional information. A minimum of 2 shall be shown
4. Provide fire apparatus access as required by Comm 62.0509 and MGO 34.19, as follows: (commercial structures only)
 - 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. Fire lanes shall be constructed of concrete or asphalt only, and designed to support a minimum load of 80,000 lbs.
 - d. Where there is a change in the direction of a fire lane, the minimum inside turning radius shall be at least 28-feet.
 - e. Provide a completed MADISON FIRE DEPARTMENT "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

