



Miami-Dade Fire Rescue

MINIMUM REQUIREMENTS FOR

PLAT REVIEW

The requirements identified in this document are minimum standards. The Authority Having Jurisdiction (AHJ), based on specific fire fighting/and or Emergency Medical Service (EMS) needs, may require necessary modifications to these minimum standards on a case-by-case basis.

Required dimensions for fire department access roads

- All pertinent dimensions of fire department access roads such as drivable roadway width, turn radii, cul-de-sacs, and T or Y turn-arounds must be identified on a site plan. All sidewalks and green space shall be identified separate from roadway dimensions.
- The minimum dimensions for fire department access roads shall be 20 feet unobstructed width (two-way traffic) and not less than 13 feet 6 inches of unobstructed vertical clearance NFPA 1 18.2.2.5.1. The AHJ will accept one-way traffic lanes to be a minimum of 15 feet unobstructed width.
- Dead end fire department access roads exceeding 150 feet shall be provided with approved provisions for the turning around of fire apparatus NFPA 1 18.2.2.5.4. An approved turn-around shall be by means described below.
 - A minimum 50 feet centerline radius cul-de-sac of which must be a suitable surface as described in *Emergency vehicle support capability* and approved by the AHJ.
 - A T-Turn or Y-Turn with an extension of the "T or Y" to be a minimum of 46 feet from the edge of each side of the roadway (not the center of the roadway) which must be a suitable surface as described below and approved by the AHJ.

Gated communities or properties

- Gates to communities or properties shall be a minimum 15 feet clear width if the approach to and/or departure from the gate is not within a turn radius.
- Gates that are within a turn radius shall be a minimum 20 feet clear width
- Fire Department access to gated communities shall be by Knox Key Switch model 3502 ONLY or Knox padlock model 3753 on manual gates where permitted

Emergency vehicle support capability

- Fire department access roads shall be designed and maintained to support a minimum of 32 tons and shall be provided with a surface suitable for all-weather driving capabilities NFPA 1 18 2.2.5.2

Should you desire to review your plans with the Miami Dade Fire Rescue Department prior to submittal of an application, please

Contact Fire Water Engineering at 786-315-2773 to set up a consultation meeting.

Consultation meeting has a fee of \$190.00 (1st) hour or portion thereof and \$65.00 each additional hour or portion thereof.

Revised date:

March 07, 2006