General Requirements to Fire Apparatus Access, Hydrant & Signage

Will there be three (3) or more structures accessed from a single driveway OR Is the distance greater than 150’ to structure from the public roadway?

YES

NO

Fire apparatus road not required, however road width must be 20’

FIRE APPARATUS ROAD REQUIRED

☐ REQUIRED: Approved driving surface designed to be capable of supporting a minimum apparatus weight of 75,000 lbs. (IFC 2009:1002.1)

☐ REQUIRED: Apparatus road shall not exceed 10% in grade unless approved by the fire chief. (IFC 2009: D103.1)

☐ REQUIRED: Road width shall be a minimum of 20’. If the distance from the public roadway to the structure is greater than 500’, road width shall be increased to 25’. (IFC 2009: D103.4)

SIGNAGE

☐ REQUIRED: “No Parking – Fire Lane” signage (IFC 2009: D103.6)

TURNAROUND

☐ REQUIRED: An approved fire apparatus turnaround such as a hammerhead, “T”, or cul-de-sac is required. (IFC 2009: 1003.4)

FIRE HYDRANTS

☐ REQUIRED: Hydrants supplying 1,750 gpm or less, shall be located such that all points on streets and access roads adjacent to a building have a maximum distance of 250’ from access road frontage to nearest hydrant. This distance shall be reduced by 50” for dead-end streets or roads. (IFC 2009: C105.1)

☐ REQUIRED: Minimum road width at hydrant shall be 26” (See minimum clearance around fire hydrant diagram). (IFC 2009: C103.1)

As each situation may present unique circumstances, other conditions may need to be met. These include but are not limited to:

- Commercial and industrial developments
- Aerial fire apparatus access roads
- Multiple-Family Residential Developments
- Increased fire-flow and hydrant requirements

For further information, please contact
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