



EL DORADO COUNTY REGIONAL FIRE PROTECTION STANDARD

Fire Department Access During Construction
STANDARD #G-001 EFFECTIVE 05-27-2009

PURPOSE

To ensure that a water supply and access for emergency equipment during construction of new buildings and the development of permitted projects.

SCOPE:

All new development, that has the potential for a compromised water supply and/or access that would delay emergency service during construction.

AUTHORITY:

The 2007 California Fire Code and the amendments as adopted by the Fire Department.

REQUIRMENTS:

WATER AND HYDRANTS

A. Installation Requirements

1. Prior to standing any combustible members on a wood framed structure, or the construction of a combustible roof assembly on a concrete tilt up structure, the fire hydrant water system shall be installed and in full operation. The amount of water supplied shall meet the required fire flow for the project.

ROADS AND ACCESS

B. Specifications

1. Provide a fire access roadway of not less than twenty (20) feet unobstructed width and thirteen feet six inches (13'6") vertical clearance.
2. Roadway shall be of an all weather surface capable of supporting a minimum of 75,000 lbs. gross vehicle weight (minimum of 3 inches of AC over 8 inches of Compacted AB rock).
3. No ditches or obstacles shall be placed in or around the fire access roadway which would impair or disrupt this access in any way.

4. All roadways shall be designed to meet turning radius requirements of forty (40) feet inside and fifty six (56) feet outside.
5. Any dead-end roadway in excess of 150 feet in length shall be provided with not less than a fifty-six (56) foot outside turning radius.

C. Exception

1. When alternative methods of fire protection are provided, as approved by the Fire Chief, the above may be waived or modified.