FIRE SAFE DRIVEWAY REGULATIONS

References: California Code of Regulations Title 14, Div. 1.5, CH. 7, SUBCH. 2, County of El Dorado Design and Improvement Standards Manual, CA Fire Code and Fire District Ammendments.

DRIVEWAY: A vehicular access that serves up to two (2) parcels

12' Min.

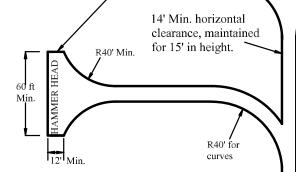
DRIVEWAY: A vehicular access that serves up to two (2) parcels with no more than two (2) residential units and any number of non-commercial or industrial buildings on each parcel.

TURN AROUNDS; Either hammerhead/T or terminus bulb, required when driveway exceeds 300'. Maximum 50' from buildings. For parcels > 5 acres, turn arounds required at 1320' intervals.



R40' Min.

30 ft



@ 300' TURN AROUNDS REQUIRED

@ 150' TURNOUTS REQUIRED/ MAX. 400' APART

MIN. DRIVEWAY WIDTH 12',

14' unobstructed horizontal clearance,

Gates 2 ft wider than @ 50' FSDR BEGINS/ TO ROADWAY driveway, 14' minimum.

Radius to be determined by County Encroachment Standard, refer to DOT specifications in the Design and Improvement Standards Manual. Seperate

and Improvement Standards Manual. S permit required.

PUBLIC/PRIVATE ROAD

ft min.

GENERAL NOTES

- 1) FIRE SAFE DRIVEWAY REQUIRED when building is more than 50' from road. Requirements maintained to addressed roadway.

 Minimum driveway width is 12', unobstructed horizontal clearance of 14' and vertical clearance of 15'.
- 2) Minimum compaction of soil is 95%. Driveway surface must be all weather and designed to meet HS20-44 standards.
- 3) TURNOUTS required at midpoint of driveway when it exceeds 150'. Where the driveway exceeds 800', turnouts shall be provided no more than 400' apart. Must be same surface as driveway, 12' wide, 30' long with 25' long tapers.
- TURN AROUNDS required when driveway exceeds 300'. Must be within 50' of buildings.
- 5) GATES to be 2' wider than the surfaced driveway, must be a minimum of 14' wide and a minimum of 30' from roadway. Gates must open to allow vehicle to stop without obstructing road traffic.
- 6) BRIDGES and culverts shall be designed by a civil engineer for a 75,000 lb vehicle (may be designed to 2002 AASHTO HB-17 guideline). Signs shall be posted on the bridge which indicate the weight limit, width and height restrictions.

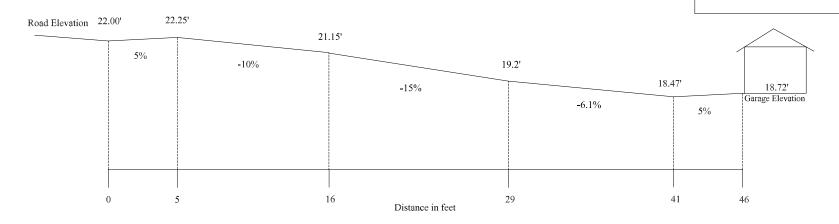
Address numbers to be 4" high by 1/2" wide stroke, reflectorized with contrasting background. Visible from both directions. Multiple addresses to be on a single post.

GENERAL NOTES

Maximum 15% grade break between driveway sections.

Driveways not to exceed 15.9%. *

*For elevations below 3,000 ft up to 20% okay with hard surface.



SAMPLE DOWNHILL DRIVEWAY PROFILE $_{\mathrm{NTS}}$