

WOODSIDE

FIRE

PROTECTION

DISTRICT

ROADWAYS

Fire Dept. Submittal Requirements



4091 Jefferson Ave · RWC, CA · 94062 · Fire Prevention Line 650.851.6206 · Fax 650.366.1973

The following requirements are from the 2007 CFC Section 503.

Driveways:

Grades:

Driveways with less than 15% grade may be maintained all weather type, as long as it will support the weight of the heaviest fire apparatus during the wet season.

Driveways with more than 15% grade need be rough brushed concrete.

NO driveway shall exceed a 20% grade.

Width:

A driveway to a single-family dwelling shall have a minimum width of 12 feet measured curb to curb.

A common driveway for two family residences shall have a minimum width of 18 feet measured inside curb to inside curb.

12 foot wide driveways with curbs or retaining walls parallel to each other need be increased to 14 feet wide.

Length:

Any driveway more than 350 feet in length shall have a turnout provided near the center of the driveway. Driveways with extended length shall have turnouts provided evenly as possible.

Driveways that extend more than 150' in length shall be provided with a turnaround for fire apparatus.

Roadways:

Fire apparatus roads shall be provided for every facility, building or portion of a building constructed when the building is located more than 150 feet from fire apparatus access.

Fire apparatus roads shall have an unobstructed width of not less than 20 feet and an unobstructed vertical clearance of not less than 13 feet 6 inches. Cul-de-sacs need be minimum 40 in foot radius.

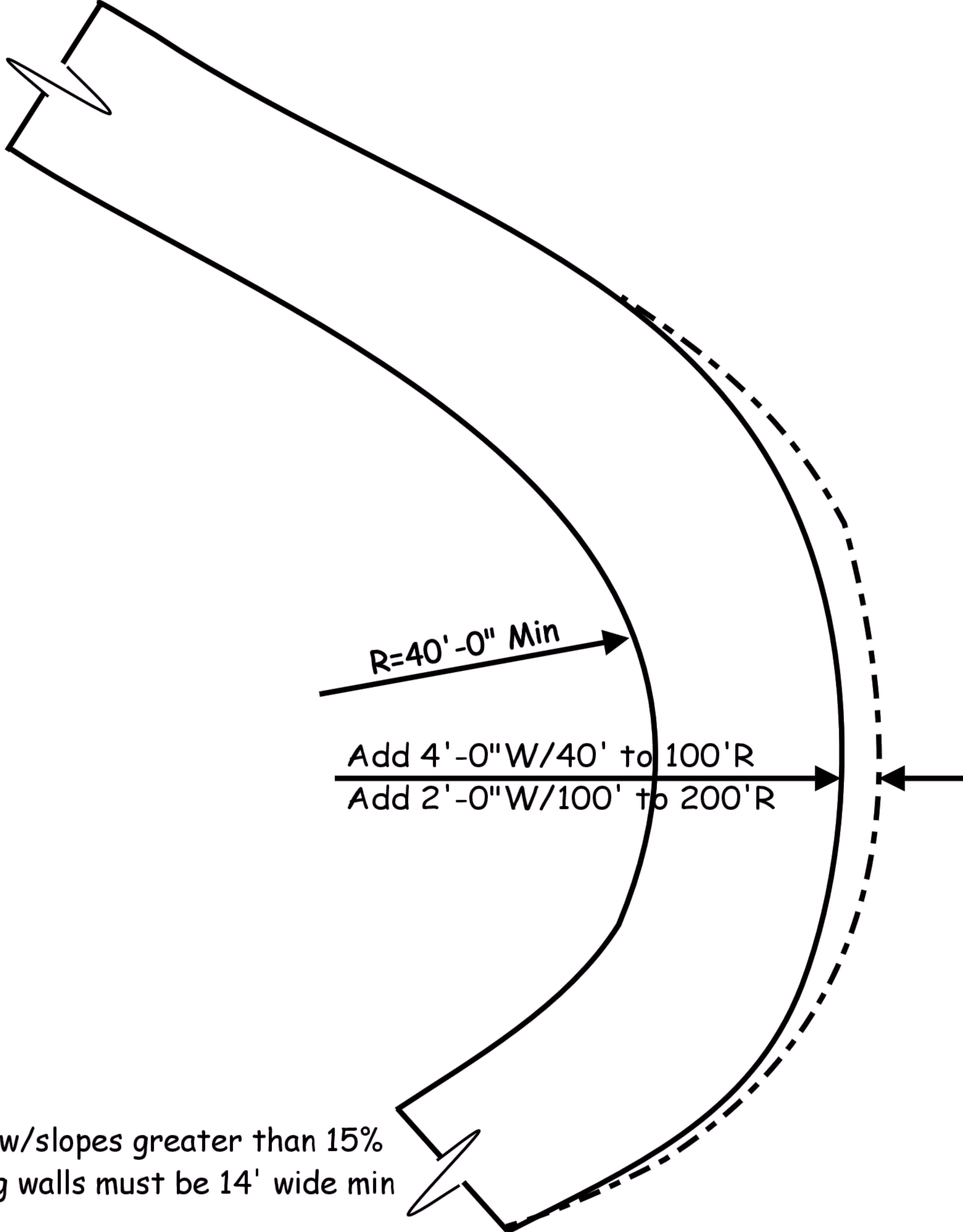
Fire apparatus turnarounds must be no more than 150 feet from the building.

Bridges:

When a bridge is required to be used as part of a fire apparatus road or driveway it shall be constructed and maintained in accordance with nationally recognized standards. The bridge shall be designed for a live load sufficient to carry imposed loads of fire apparatus. The load limit shall be 50,000 lbs. and posted

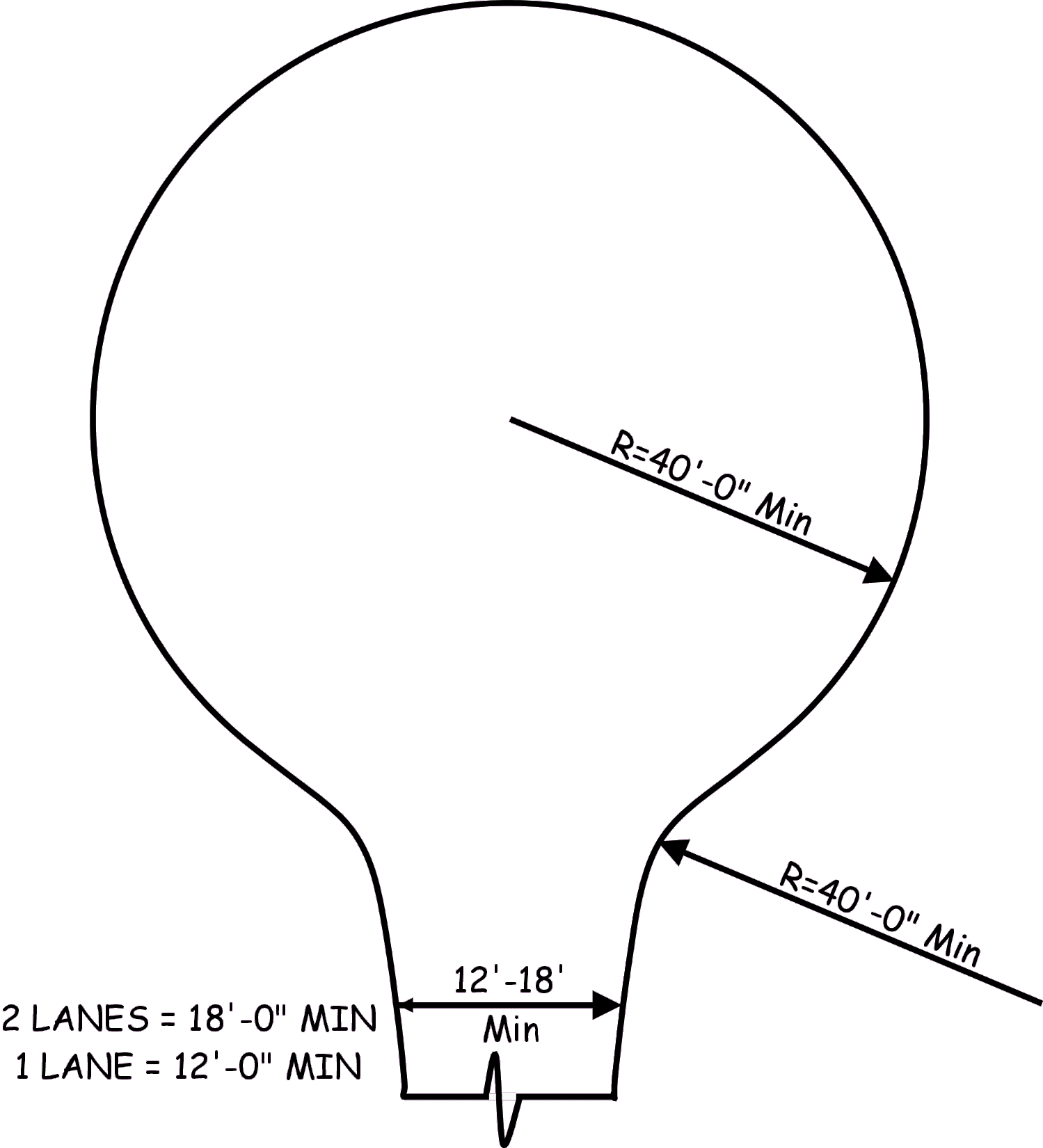
Key Boxes:

When access to or within a structure or an area is difficult because secured openings the Fire District may require security systems such as Knox type. (2007 CFC Section 506) Knox Security System forms are available at Station 19 located at 4091 Jefferson Avenue, Redwood City.



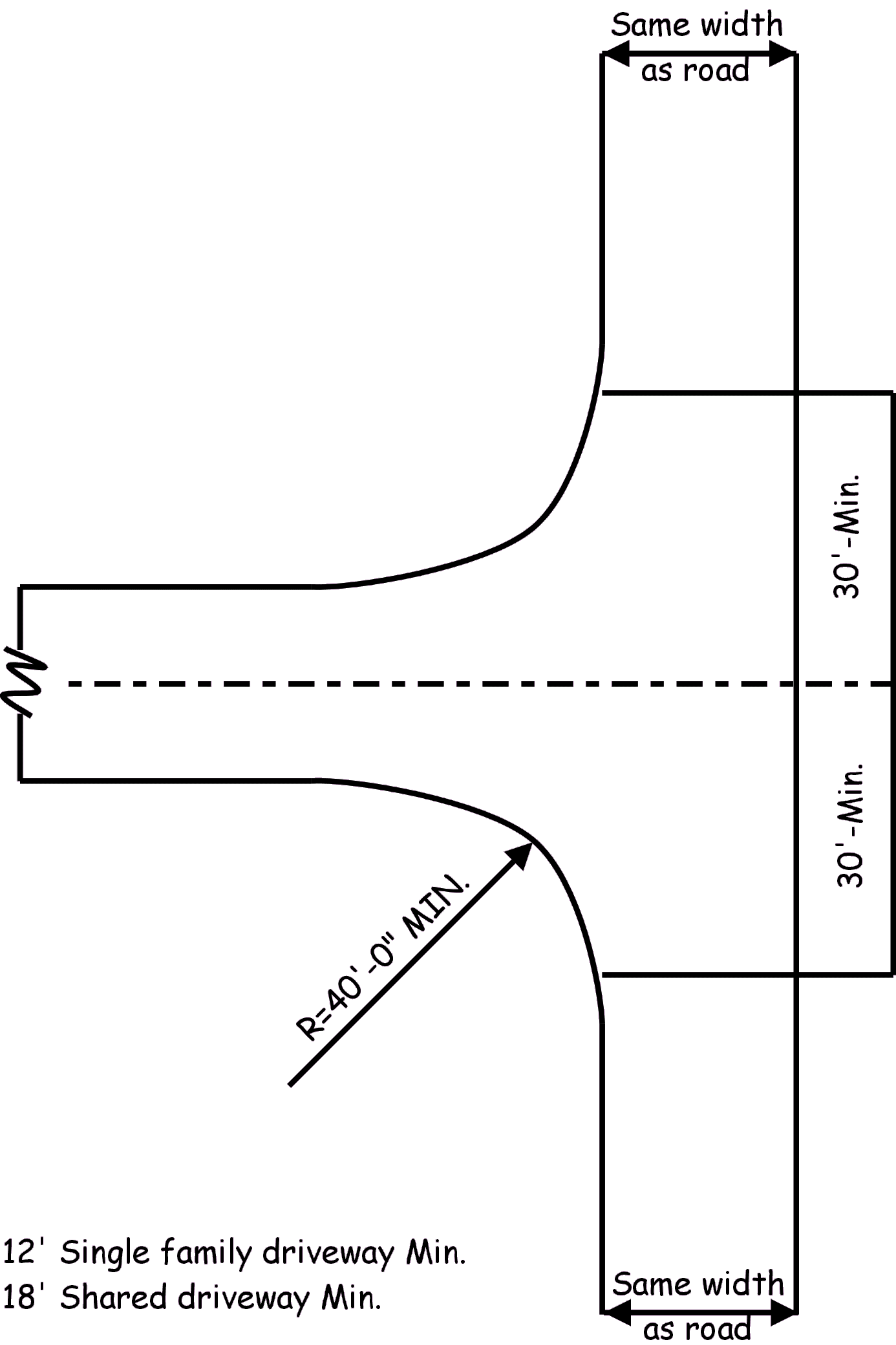
Curves

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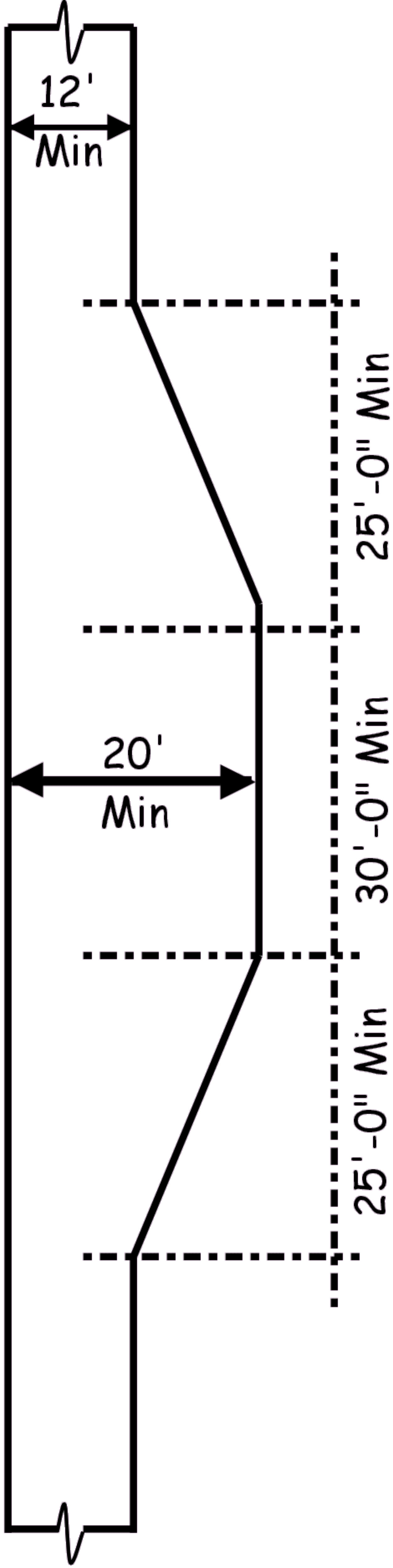
Turnaraound

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Hammerhead/Tee

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Turnout

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