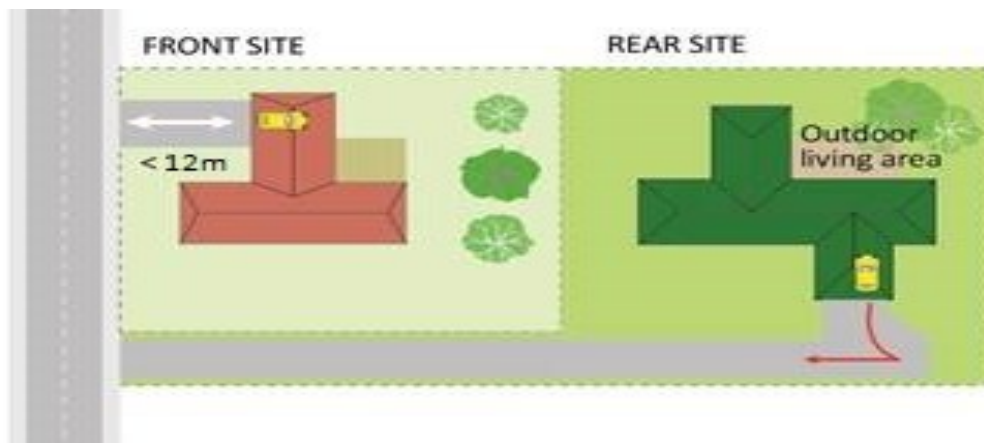


Appendix T9 - Guidelines for Property Design to Improve Driveway Safety

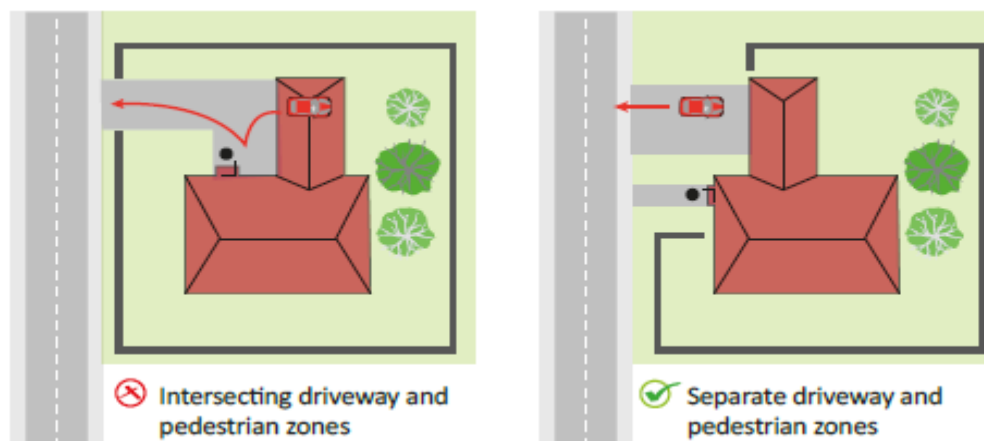
T9.1 Explanation

- T9.1.1 The guidelines in this Appendix express the desired outcomes for residential properties within Waipa District. They are to be read in conjunction with the provisions of Section 16 – Transportation.
- T9.1.2 Site layout and design of residential properties can influence driveway injury risk levels. High levels of risk are associated with the built environment where driveways exit onto lower speed environments, where properties have multiple parking spaces and share driveways, and where the driveway length is greater than 12m.
- T9.1.3 Research indicates that fewer pedestrians (and in particular, children) will be injured in driveways when building location, property and driveway design separates where people play and walk, from areas where vehicles are driven. These guidelines demonstrate designs which separate pedestrian access from driveways and provide for good pedestrian lines of sight.

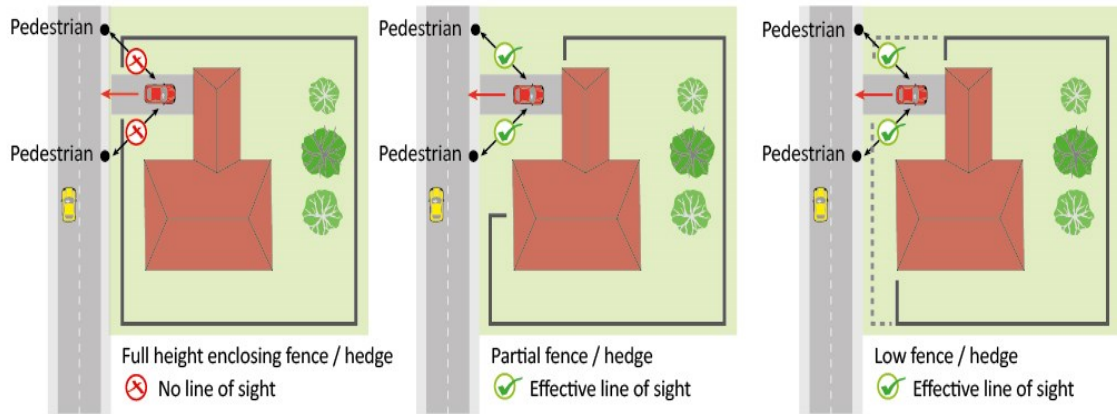
Short Driveways and vehicles exiting rear sites in a forward facing direction:



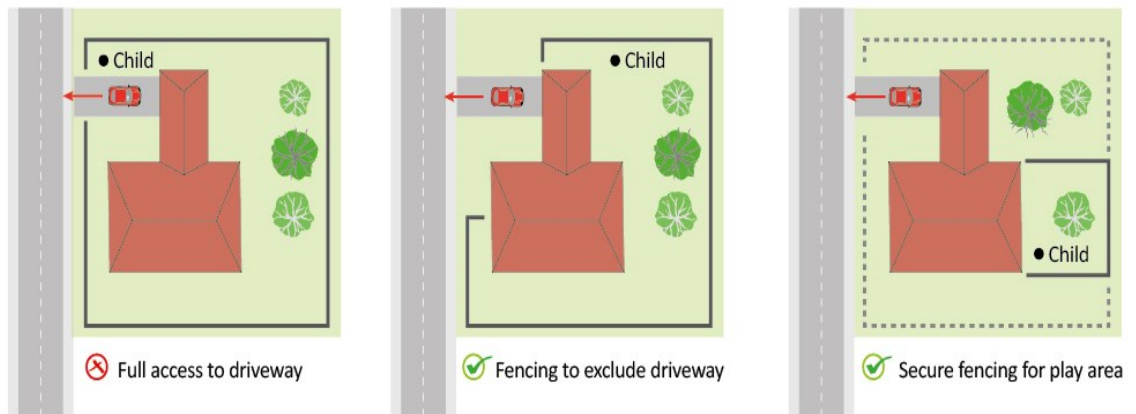
Separating Driveway and Pedestrian Zones:



Improving Pedestrian Line of Sight:



Site layout separating play areas from Driveways:



Source: Safekids New Zealand (2011) Safekids New Zealand position paper: Child driveway run over injuries. Auckland: Safekids New Zealand.