



Terraffic Pty Ltd

Traffic and Parking Consultants

ABN 83 078 415 871

28th January 2022

Ref 21050

Glenn Thomas
312 Kingsgrove Road
Kingsgrove NSW 2208

Dear Glenn,

**7 LOVILLE AVENUE, PEAKHURST HEIGHTS
GROUND CLEARANCE ASSESSMENT**

I refer to Council's recent concerns regarding the ability of vehicles to access the secondary dwellings parking area via the existing Right of Carriageway (ROW) that has existed for approximately 70 years.

I have assessed the ability of the Australian Standard AS/NZS2890.1:2004 B99 Vehicle to access the proposed basement car parking area serving the secondary dwelling. The B99 vehicle is similar to a Ford Transitvan and represents 99.8% of all passenger vehicles on Australian roads.

The ground clearance template of the B99 vehicle has been driven over the ROW pavement which is based on the surveyed levels. The test confirmed that this larger vehicle can enter and exit the subject site without scraping or bottoming out. The assessment has been carried out using the Autodesk Vehicle Tracking software which was created for the simulation of vehicle turning manoeuvres and ground clearance evaluation.

Based on this assessment, the proposed parking arrangements are acceptable and satisfy the requirements of the Standard.

Should you require any further information, please do not hesitate to contact Michael Logan on 0411 129 346 during business hours.

Yours faithfully

Michael Logan *MTraffic* (Monash University)
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