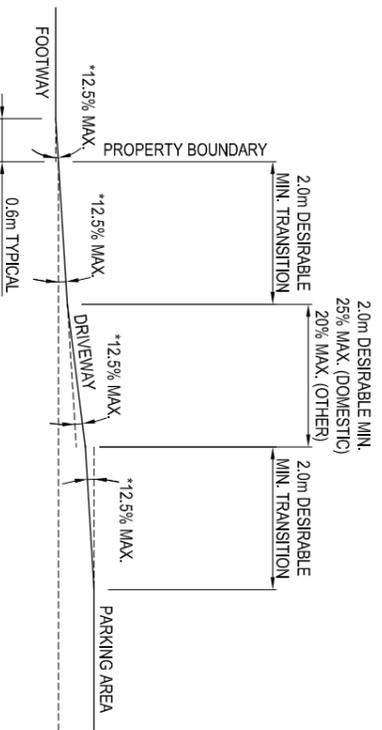
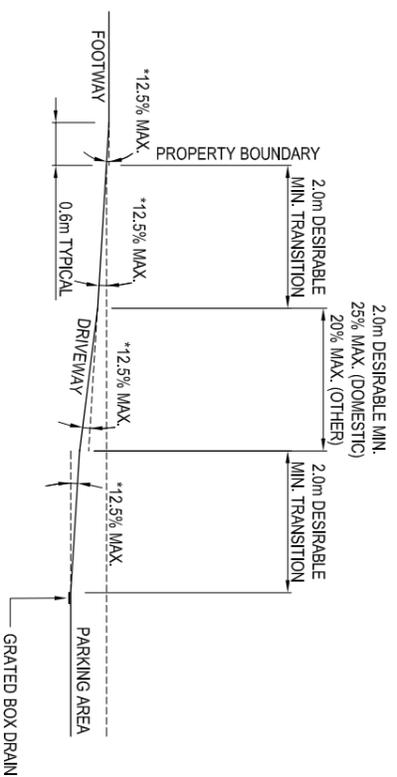


### STANDARD PASSENGER CAR CLEARANCE PROFILE



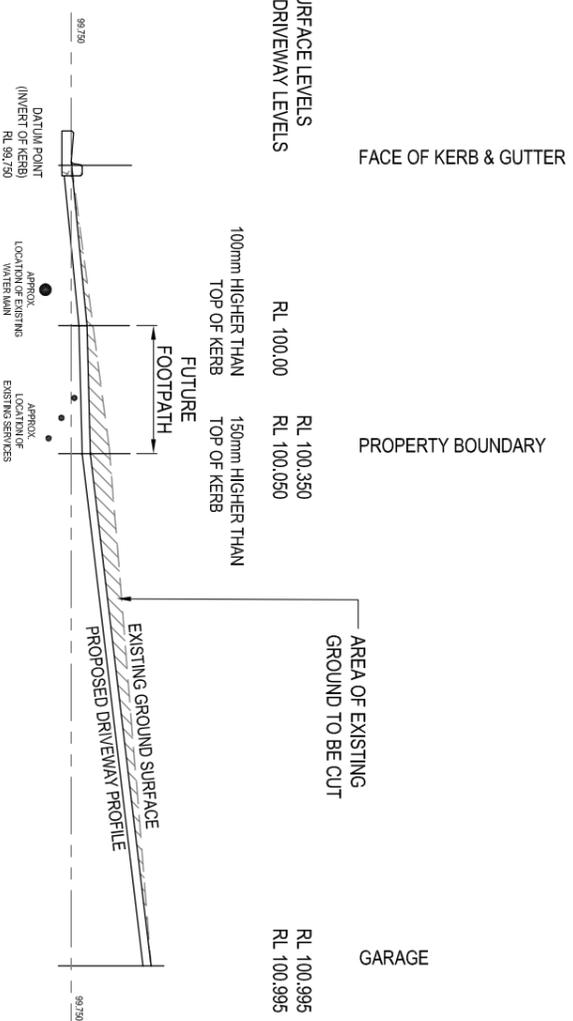
### HIGH LEVEL PARKING DRIVEWAY PROFILE LIMITS



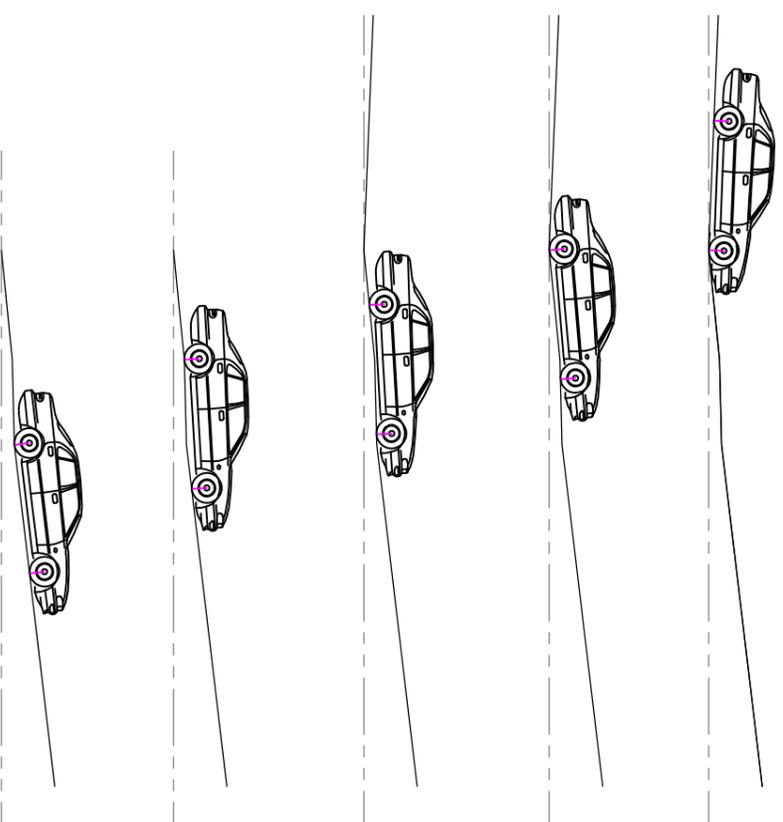
### LOW LEVEL PARKING DRIVEWAY PROFILE LIMITS

- NOTES**
1. THE DESIGN UNDERBODY PROFILE REPRESENTS A COMPOSITE VEHICLE PROFILE SINCE NO ONE VEHICLE COULD BE ADOPTED AS A DESIGN VEHICLE.
  2. WHEN USING THIS UNDERBODY PROFILE ALLOW VEHICLE TO HAVE ZERO CLEARANCE BETWEEN UNDERBODY OF VEHICLE AND CROSSING.
  3. SINCE THE UNDERBODY PROFILE IS BASED ON FULLY LOADED VEHICLES IT WILL BE RELATIVELY CONSERVATIVE IN THAT CONSIDERABLY GREATER THAN 85% OF THE OPERATING VEHICLE POPULATION (NORMALLY NOT FULLY LOADED AT ALL TIMES) COULD BE EXPECTED TO NEGOTIATE THE DRIVEWAY STRUCTURE SUCCESSFULLY.
  4. THE DESIGN ENGINEER IS RESPONSIBLE FOR ENSURING THAT VEHICLES CAN TRAVERSE DRIVEWAYS WITHOUT SCRAPING IN COMPLIANCE WITH THIS GUIDE AND AS/NZS 2890.1
  5. MAXIMUM GRADES SHOULD ONLY BE USED IN EXCEPTIONAL CIRCUMSTANCES. ON CURVED DRIVEWAYS THE MAXIMUM GRADES APPLY ON THE INSIDE OF THE CURVE.

6. \* THE MAXIMUM CHANGE OF GRADE AT ANY POINT IS NOT TO EXCEED 12.5%. ADDITIONAL TRANSITIONS OF 2M MINIMUM LENGTH CAN BE ADDED AS REQUIRED
7. STREET BOUNDARY ALIGNMENT LEVELS AS OBTAINED FROM COUNCIL ARE TO BE INCORPORATED INTO DRIVEWAY PROFILE DESIGNS.
8. GRADES ARE DERIVED USING COUNCILS STANDARD PASSENGER CAR CLEARANCE PROFILE. COMMERCIAL DEVELOPMENTS ARE TO USE THE B99 VEHICLE IN AS/NZS 2890.1
9. SPECIAL CONSIDERATION IS REQUIRED TO ALLOW "NON-STANDARD" AND "MODIFIED" VEHICLES TO CROSS WITHOUT SCRAPING WHERE REQUIRED. EXAMPLE A STANDARD VEHICLE MODIFIED WITH A TOW BAR.
10. GRADES SHOWN ARE NOT APPLICABLE WHERE THE DISTANCE BETWEEN THE PROPERTY BOUNDARY AND THE GARAGE FLOOR IS LESS THAN 6.0m. REFER TO DESIGN ENGINEER FOR A SITE SPECIFIC DESIGN.
11. FOR UNIT/COMMERCIAL DEVELOPMENTS, PROVIDE 5% MAX. GRADE FOR 6.0m MIN. FROM THE PROPERTY BOUNDARY TO THE FIRST 2.0m MIN. TRANSITION IF REQUIRED.



### EXAMPLE DRIVEWAY TEST



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<p>REVISION: A</p>		<p>ISSUE DATE: 28/03/2019</p>		<p>DESIGN / DRAWING CHECKED BY: L. CARROZZA</p>		<p>APPROVED FOR CONSTRUCTION BY E.O. &amp; A. MANAGER: G. RIZZO</p>		<p>JOB NUMBER: 1 OF 1</p>	
<p>AMENDMENT OR REASON OF ISSUE:</p>		<p>WORKS ENGINEER: G. GORDON</p>		<p>PROJECT DIRECTOR - DIRECTOR UTILITIES: G. GORDON</p>		<p>DRAWING NUMBER: STD-RD-16</p>		<p>REVISION: B</p>	

**Griffiths City Council**  
SURVEY, DESIGN AND DRAFTING SERVICES

4/111/12/10/10  
11 Esplanade, Griffiths NSW 2890  
T: 08 9392 1111 F: 08 9392 1112  
www.griffithscitycouncil.nsw.gov.au