



POINT	REMARK	LEVELS
G	Gutter Invert	Roaming datum for vehicle crossing setout.
L	Rear of Layback	100mm above gutter invert and may be altered at the direction of Council's Development Engineer. Place 10mm expansion joint.
B	1800mm Behind Gutter Invert	200mm above gutter invert.
C	3000mm Behind Gutter Invert	410mm above gutter invert to the top of formwork.
A	Boundary Alignment	Place 10mm expansion joint and continue vehicle crossing grading between Points C & T.
T	1500mm Before Parking Facility	Provide a transitional slope of 1V: 10H over 1500mm. The transitional slope may be partially or wholly on the road reserve.
P	Parking Facility	Maximum grade parallel to the angle of parking 1V: 20H otherwise, 1V: 16H in any other direction.

**NOTES:**

- At least 48 hours notice of intention to place concrete on the road reserve shall be given to the Development Engineer and **NO CONCRETE SHALL BE PLACED UNTIL THE FORMWORK HAS BEEN APPROVED AND INSPECTION NOTICE ISSUED** (Phone 9942 2111 8.30am – 5.00pm, Monday – Friday).
- All disturbed areas of the footpath adjacent the vehicle crossing shall be turfed and finished level with the concrete surface. Raised edgings are strictly prohibited.
- Concrete footpath adjustments shall be in accordance with Council's footpath specification and to Council's satisfaction.
- The subgrade shall be thoroughly compacted by the use of vibratory compaction equipment until it shows no signs of movement, or as directed by Council.
- Vehicle crossing slabs shall be poured in **PLAIN CONCRETE**. Slab surface to be broom finished (or equivalent) and edges to be finished with a 50mm margin. All changes in grade shall be screeded to ensure no rigid transitions.
- Minimum compressive strength of concrete shall be 25MPa at 28 days. Minimum concrete depth shall be:
  - Single Residential Dwelling – 130mm reinforced with SL72 mesh placed 30mm below top of concrete
  - Multi-Unit Residential – 150mm reinforced with SL82 mesh placed 30mm below top of concrete
  - Commercial/Industrial – 180mm reinforced with SL82 mesh placed 30mm below top of concrete
- The vehicle crossing to 1800mm behind the gutter invert shall be graded parallel with the road centreline grading.
- The vehicle crossing shall be constructed perpendicular to the road pavement unless directed by Council.
- The construction of all vehicular crossings and associated works on the road reserve must be completed by a Council approved concrete contractor

**AMENDED:** March 1991, February 1996, December 1996, February 2006 and December 2006.

Not to Scale. All Dimensions in Millimetres.	
NORTHERN BEACHES COUNCIL	Plan No.
Extra High Standard Vehicle Crossing Profile	A4 3330/4 EH