



Layback as Per Council Plan No: A4 2276

The road reserve adjoining the vehicle crossing shall be battered and turfed at a maximum of grade 1V: 6H (or as directed)

POINT	REMARK	LEVELS
G	Gutter Invert	
L	Rear of Layback	Roaming datum for vehicle crossing setout.
B	2400mm Behind Gutter Invert	100mm above gutter invert and may be altered at the direction of Council 's Development Engineer. Place 10mm expansion joint.
C	3600mm Behind Gutter Invert	200mm above gutter invert.
A	Boundary Alignment	400mm above gutter invert.
T	1500mm Before Parking Facility	Place 10mm expansion joint and continue vehicle crossing grading between Points C & T. 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 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.
- The vehicle crossing to 2400mm behind the gutter invert shall be graded parallel with the road centreline grading.
- 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 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

Not to Scale. All Dimensions in Millimetres.

NORTHERN BEACHES COUNCIL	Plan No.
Normal High Standard Vehicle Crossing Profile	A4 3330/2 NH

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