NOTES:

1. The drawing applies to industrial, commercial and multi unit residential domains.
2. Entrances and exits for off street parking to be designed in accordance with AS 2890 and Austroads Guide to Traffic Management Part 11: Parking, Clause 6.1.
3. Entryways for heavy vehicles to be designed in accordance with AS 2890 Off Street Parking, Part 2: Commercial Vehicle Facilities.
4. Adequate sight distances to be provided in accordance with AS 2890 Part 1.04 Street Corridors Figures 3.2 & 3.3.
5. Drives and property access to be provided in accordance with AS 2890-04 Traffic Management.
6. For the safety, urban design and traffic management, the profile of the vehicular crossing is to follow the existing verge profile.
7. Crossings to be located clear of existing gully pits (min. 1m) where this cannot be achieved, the gully pit and any connecting pipework shall be relocated at the property owner's expense to the satisfaction of Council.
8. Where it is not possible to guarantee a safe crossing, a full width surface to be laid.
9. Concrete surfaces to be constructed to be heavy duty finished.
10. Decorative surfaces, where approved to have a minimum maximum depth variation in the finished surface profile.
11. Control joints are to be sealed with a low modulus sealant to the manufacturers specification. Control joint spacing to minimum 3m x 3m.
12. All surfaces subject to pedestrian traffic (including vehicle crossings) to comply with note 30 or Standard Drawing RS-050.
13. Crossings to be located clear of water and sewer main fittings and manholes. Where a crossing increases or decreases the cover over a main then the standard cover will be maintained. Minimum cover and treatment to other services is to be in accordance with the service authorities' requirements.
14. All concrete construction to comply with the requirements of AS 3600. Concrete Code.
15. All concrete to be Grade NS2 in accordance with AS 1397.
16. All adjacent asphalt or concrete surfaces and pavements to be saw cut.
17. All necessary data and specifications subject to approval from relevant Council.
18. Refer RS-049 for crossing prohibited locations.
19. All sites must be undertaken by Council, including approval of design and work prior to execution.
20. Where directed by Council Traffic Control Surface Indicators are to be provided adjacent to the crossing in accordance to AS 1428.4.
21. Valves, hydrants located within the crossing shall have NPT/hardened or equivalent placed between the service lead and the concrete. For any alterations to levels contact relevant Authority prior to concrete pour.
22. All dimensions are in millimeters unless shown otherwise.

VEHICLE CROSSING TYPES TO RELEVANT COUNCIL APPROVAL

TYPICAL SECTION – CHANNEL RETAINED

TYPICAL SECTION – CHANNEL REMOVED

INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA
STANDARD DRAWINGS

VEHICLE CROSSINGS
HEAVY DUTY

RS-051