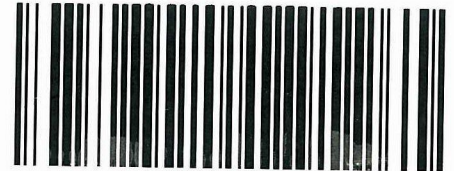


Our Reference: RDC 10M2234 –Vol 4
SYD10/01016/2
Your Reference: MPI0_0181
Contact: Ravi Ravendra
Telephone: 8849 2540



Transport
Roads & Traffic
Authority

Director / Government Land and Social Projects
Department of Planning
GPO Box 39
SYDNEY NSW 2001



PCU023787

Attention: Megan Fu

**PREFERRED PROJECT REPORT FOR RIVERWOOD NORTH ESTATE RESIDENTIAL
RENEWAL PROJECT - CONCEPT PLAN (MPI0_0181)**

Dear Sir/Madam

I refer to your letter dated 23 May 2011 (Department Reference Ref: MP 10_0181), concerning the abovementioned Preferred Project Report which was referred to the Roads and Traffic Authority (RTA) for comment in accordance with *Clause 104 of State Environmental Planning Policy (Infrastructure) 2007*.

The RTA has reviewed the information provided within the submitted Preferred Project Report and raises no objection to the development application. However, the issues raised in our previous letter dated 17 February 2011 (copy attached) are still applicable.

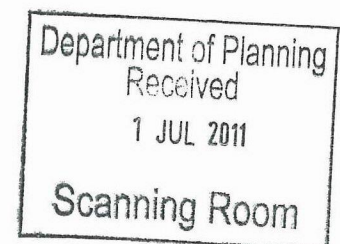
Any inquiries in relation to this project assessment can be directed to Ravi Raveendra on telephone 8849 2540.

Yours faithfully

A handwritten signature in blue ink, appearing to read "Chris Goudanas".

Chris Goudanas
Land Use Planning and Assessment Manager
Transport Planning Section
RTA Sydney Region

21 June 2011



Our Reference: RDC 10M2234 – SYD10/01016
Your Reference: MPI0_0167
Contact: Aleks Tancevski (RN)
Telephone: 8849 2313

CSF

Director / Government Land and Social Projects
Department of Planning
GPO Box 39
SYDNEY NSW 2001

Attention: Ben Eveleigh

**EXHIBITION OF ENVIRONMENTAL ASSESSMENT FOR RIVERWOOD NORTH ESTATE
RESIDENTIAL RENEWAL PROJECT - CONCEPT PLAN (MPI0_0167)**

Dear Sir/Madam

I refer to your letter dated 25 November 2010 (Department Reference Ref: MP 10_0167), concerning the abovementioned Environmental Assessment Application (EA) which was referred to the Roads and Traffic Authority (RTA) for comment in accordance with *Clause 104 of State Environmental Planning Policy (Infrastructure) 2007*.

The RTA notes that a separate request has been made by Canterbury City Council for the introduction of traffic signals at the intersection of Belmore Road and Roosevelt Avenue which is proposed in conjunction with the introduction of a right turn ban at the intersection of Belmore Road and Washington Avenue associated with the abovementioned Environmental Assessment application.

The RTA would like to advise the Department that the introduction of traffic signals at the abovementioned intersection requires the approval of the RTA under *Section 87 of the Roads Act, 1993* and that the RTA will only approve traffic signals if the appropriate warrants are met in accordance with the *RTA's Traffic Signal Design Guide, Section 2 – Warrants*.

The RTA requested that the proponent's traffic consultant (Varga Traffic Planning Pty Ltd) submit electronic copies of the SIDRA intersection modelling files for the RTA's review. The RTA has reviewed the electronic SIDRA intersection modelling files and the intersection modelling outcomes show that the current un-signalised intersection of Belmore Road and Roosevelt Avenue will operate satisfactorily in all options proposed under the Concept Plan. Furthermore, the installation of traffic signals at the abovementioned intersection does not meet the warrants contained in the *RTA's Traffic Signal Design Guide, Section 2 – Warrants*. The projected future traffic volumes do not meet the pedestrian or vehicle volume warrants for each of the four (4) by one (1) hour periods on an average day. Additionally, the number of accidents occurring at the intersections of Belmore Road and Roosevelt Avenue and Belmore Road and Washington Avenue also do not meet the warrants for traffic signals.

The RTA will review the information and provide further comments to the Department of Planning once the Project Application is forwarded to the RTA for review and comment.

In addition to the above, the RTA provides advisory comments to the Department of Planning for consideration in the determination of the EA and these advisory comments are outlined in Attachment 'A'.

Any inquiries in relation to this Environmental Assessment application can be directed to Aleks Tancevski on telephone 8849 2313.

Yours faithfully

Chris Goudanas
Land Use Planning and Assessment Manager
Transport Planning Section
RTA Sydney Region

17 February 2011

ATTACHMENT 'A'

PARKING

1. The provision of off-street car parking, bicycle storage, taxi stands, bus parking and loading areas shall be provided to the Department of Planning and Council's satisfaction.
2. The layout of the proposed car parking areas, loading docks and driveway associated with the subject development (including, grades, turn paths, sight distance requirements, aisle widths, aisle lengths, loading bay dimensions and parking bay dimensions) should be in accordance with AS2890.1 - 2004 and AS2890.2 – 2002 for large vehicle.
3. Disabled parking spaces should be clearly marked
4. The proposed turning areas within the car park are to be kept clear of any obstacles including parked cars at all times.
5. The internal aisle ways are to be marked with pavement arrows to direct traffic movements in/out of the site and guide traffic circulation through the car park.
6. All loading should be off-street and any reversing of trucks on heavily pedestrianised roads and driveways should not be supported.

LOADING AREAS

7. Swept path analysis shall be provided to Council. Any Construction Certificate shall not be issued until the swept path analysis has been endorsed by Council.
8. In this regard, the swept path of the longest vehicle (including garbage trucks) entering and exiting the subject site, as well as manoeuvrability through the site, shall be in accordance with AUSTROADS.
9. All loading and unloading must be carried out on site.

CONSTRUCTION

10. A Demolition and Construction Traffic Management Plan detailing construction vehicle routes, number of trucks, hours of operation, access arrangements and traffic control should be submitted to Council for approval, prior to the issue of a Construction Certificate.
11. All demolition and construction vehicles are to be contained wholly within the site, as no parking will be permitted on Belmore Road.
12. The developer is to arrange with the RTA's Transport Management Centre (TMC) for any required road occupancy licence during the construction.
13. Any traffic control during construction must be carried out by an accredited RTA approved traffic controllers.

ROAD SAFETY

14. The proposed development will generate additional pedestrian movements in the area. Consideration should be given to ensuring pedestrian safety.

15. The required sight lines to pedestrians or other vehicles in or around the car park or entrances should not be compromised by landscaping, signage, fencing or display materials. In addition, measures should be implemented to improve visibility to pedestrians and other vehicles where sight distance is restricted.
16. All vehicle movements must enter and exit the subject site in a forward direction.
17. The developer shall be responsible for all public utility adjustments/relocation works necessitated by the above work and as required by the various public utility authorities and/or their agents.
18. All works/regulatory signposting associated with the proposed development shall be at no cost to the RTA.