

Traffic Engineer Referral Response

Application Number:	DA2018/1610
Responsible Officer	
Land to be developed (Address):	Lot 18 DP 35184 , 43 Old Pittwater Road BROOKVALE NSW 2100

Officer comments

The proposal involves the demolition of an existing dwelling house and the construction of four, two storey (plus attic) multi-dwelling housing development.

The applicant has proposed a traffic signal system to address potential conflicts of vehicles ingressing/egressing the site simultaneously. This is deemed acceptable, however the default setting of the signals for egressing traffic should be 'Red Light' not green to ensure vehicles come to a stop prior to manoeuvring along the ramp.

All parking provisions are in accordance with the DCP.

Sight lines are maintained in accordance with AS2890.1:2004 to maximize pedestrian safety.

The traffic generation of the site is deemed negligible on the local road network.

Ramp grades are deemed adequate.

Referral Body Recommendation

Refusal comments

Further revised comments (29/5/19):

The amended plans and revised traffic assessment report have been noted however the need for a waiting bay remains. Although the applicant proposes traffic signals to overcome vehicle to vehicle conflict on the one way ramp the fact remains that the ramp carries two way traffic and if a vehicle is exiting the driveway while another is trying to enter the driveway there is nowhere for the entering vehicle to wait other than on Funda Place. As Funda Place is 7.3m wide with parking permitted on either side of the road egress from the driveway would be blocked by the vehicle waiting to enter. Traffic flow along Funda Place in either direction may also be blocked. The most appropriate means to address this issue is by widening the driveway between the roller shutter and the property boundary to provide a waiting bay.

In addition, the lack of a waiting bay is also likely to result in vehicles having to reverse from the driveway back onto the street to allow an exiting vehicle to leave the site. AS2890.1 section 3.2.2 states that "reversing movements to public roads shall be prohibited wherever possible"

On the basis of the above the traffic team cannot support the application in its current form

Revised Comments:

The submitted 'Revised plans' do not address the previous concerns raised as stated below.

The Traffic Team cannot support the application in its current form as the below comments still remain.

Previous Comments:

The following concerns are raised regarding the proposal:

1. With the implementation of the Traffic Signal System, a waiting bay at the entry to the site is required for when the signals are operating. All queuing/waiting should be accommodated wholly within the site to avoid cars obstructing pedestrian access along footpaths. Based on the proposed layout, there is no ability for a car to wait on site when entering the driveway. It would appear that any and all queuing is to occur in Council's roadway. This is unacceptable.
2. Further detail regarding the signal operation within the basement, particularly with regard to access to spaces closest to the ramp, is required. Swept paths showing vehicles manoeuvring past one another nearest the ramp is required to ensure adequate space is available for drivers to negotiate around each other.

Based on the above, further information is required. As such, the Traffic Team cannot support the proposal in its current form.

Recommended Traffic Engineer Conditions:

Nil.