

Traffic Engineer Referral Response

Application Number:	Mod2017/0071
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Responsible Officer	
Land to be developed (Address):	Lot 2112 DP 752038 , 210 Headland Road DEE WHY NSW 2099 Lot 1 DP 749109 , 210 Headland Road DEE WHY NSW 2099 Lot 3 DP 8139 , 4 Tango Avenue DEE WHY NSW 2099 Lot 4 DP 8139 , 2 Tango Avenue DEE WHY NSW 2099

Reasons for referral

This application seeks consent for the following:

- New Dwellings or
- Applications that require OSD where additional impervious area exceeds 50m² or
- Alterations to existing or new driveways or
- Where proposals affect or are adjacent to Council drainage infrastructure incl. watercourses and drainage channels or
- Torrens, Stratum and Community Title Subdivisions or
- All new Commercial and Industrial and RFB Development with the exception of signage or
- Works/uses in flood affected areas

And as such, Councils development engineers are required to consider the likely impacts on drainage regimes.

Officer comments

Traffic Engineering Comment on revised Traffic Management Plan:

The comments below was provided on the revised Traffic Management Plan (TMP) provided by the applicant following the Sydney North Planning Panel meeting and discussions at the site meeting with the applicant and applicant's traffic consultant.

The school has proposed to allocate 7 parking spaces within the school's site to the year 12 students. Due to the provision of insufficient off-street spaces for year 12 students, and given the existing traffic congestion and safety concern during pick-up and drop-off hours, the school is required to maximise the number of the pick-up and drop-off spaces in Tango Avenue and provide safe pick-up and drop-off area in Headland Road. This would alleviate the congestion at the intersections which is currently resulting from parents / careers queuing on the roads to find an available parking space to pull in.

- Proposed pick-up and drop-off arrangement on Tango Avenue: The proposed implementation of drop-off and pick-up arrangement in "Drop and Go" zone in Tango Ave requiring the staff to assist students into the cars (as detailed in the TMP) is endorsed by Council.

- Change of P2 minutes parking restriction n Tango Avenue to No Parking: The proposed change of the existing "2P Minutes 2:30-4pm school days" to 'No Parking' at the same time in the existing pick-up and drop-off zone on Tango Avenue will be supported subject to obtaining the Traffic Committee approval.

- Proposed 'No Stopping 8-9am and 3-4pm' on Headland Road: The proposed 'No Stopping 8-9am and 3-4pm' restriction on Headland Road as indicated in the TMP is not supported. The road width between the parked cars and the centreline at this section of Headland Road is considered wide enough for traffic to flow. Therefore, the proposed parking restriction is considered unnecessary.
- Proposed additional kerbside pick-up and drop-off spaces on Headland Road: The proposed additional pick-up and drop-off spaces on Headland Road on the west side of the existing bus bay (as proposed in the TMP) is not supported due to the narrow width of the carriageway at this section of the road, which raises a safety issue at this location. The proposed pick-up and drop-off zone is to be provided in indented arrangements. To achieve this, the existing bus/parking bay on Headland Road is to be extended along the school's frontage to provide additional 6 indented pick-up and drop-off spaces. Also, the existing footpath on Headland Road is to be extended all along the school's frontage parallel to the proposed indented parking spaces. The footpath is to be minimum of 2m wide.
- The proposed additional pick-up and drop-off spaces both on Headland Road and Tango Avenue are to be signposted as 'No Parking 8-9.30am and 2.30-4pm School Days' and unrestricted at any other times.
- The applicant shall submit an updated Traffic Management Plan reflecting the above comments within 30 days from the date of Notice of determination for Traffic Committee approval. All proposed signage and linemarkings are to be installed by the applicant at no cost of Council.
- The applicant is to provide a detailed design for the indented parking spaces in Headland Road and Tango Avenue for Council's review and approval prior to construction. The proposed indented parking area are to be constructed by 6 months from the date of Notice of determination at no cost of Council.

In conclusion, the proposed increase in students number would be supported on traffic grounds subject to the provision of the above improvement in addition to the provision of 7 parking spaces within the site for year 12 Students. The responsible planner should take into account the above comments in preparation of the appropriate conditions.

Traffic Engineering Comments:

"All pick up and drop off parking spaces were taken in the PM peak time. This is whilst the traffic report indicates that the total vehicle parked during pick up and drop off period does not reach the capacity at any 5-minute interval, which appears to be incorrect.

Not only all pick up and drop off parking spaces were taken, but the indented pick up area in Quirk St was parked out with cars queuing extended onto the "No Stopping" area around the corner of the intersection of Quirk St / Tango Ave and extended past the bus zone at Headland Rd.

Almost all parking spaces at Tango Ave and Quirk St up to its intersection with Tango Ave (on the eastern end) were parked out by the parents.

Traffic Congestions observed at the intersection of Tango Ave / Quirk St due to the queuing resulted in from right turns and left turns onto Tango Ave from Quirk St on several occasions. The reason for queuing was the vehicles were stopping on the trafficable lanes to find a parking spot on Tango Ave. This caused the traffic stream on Quirk St to turn around the stationary vehicles and drive on opposite direction.

The traffic report indicates that the 200+ increase in student numbers will result in an additional 2 pick up and drop off cars. This does not appear to be an correct assumption.

The school's pick up is operating at capacity and given that all the pick ups and drop offs occur on the surrounding street with no provision of pick up and set down within the school, the proposed increase in number of students will have significant impact on surrounding streets and consequently on the local residents.

An existing condition of consent indicates the allocation of 10 parking spaces to year 12 vehicles. The observation indicates that there was only 1 car parked within the designated parking spaces within the site.

The submissions received from the residents indicate that at the existing situation, there are higher number of senior students parking on the streets in compare with the number indicated in the report. This raises the concern that with the proposed increased number, more of year 12 vehicles will be parked for all day within the surrounding streets.

Given the above, the main concern raised on the proposed increase of number of students is implication of additional pick up and drop offs on the road network."

Planning Comment:

Comments from Council's traffic engineer have been considered and warrant refusal of the modification application for the following reasons:

1. The proposal does not Satisfy *Part C2 Traffic, Access and Safety of Warringah DCP 2011*, and
2. The proposal does not ensure the school has adequate on site parking to appropriately meet parking demand pursuant to *Part C2 Parking Facilities and Appendix 1 of Warringah DCP 2011*

Referral Body Recommendation

Refusal comments

Recommended Traffic Engineer Conditions:

Nil.