

Our Ref: 20027I03E-240701

1 July 2024

Kuatro Suite 1, 3b Macquarie Street SYDNEY NSW 2000

Attention: Mr Ryan Soh

Dear Ryan,

RE: 8 FOREST RD, WARRIEWOOD PROPOSED RESIDENTIAL DEVELOPMENT, (N0440/15) – S4.56 COMMUNAL OPEN SPACE & ROADS TRAFFIC AND PARKING REVIEW

As requested, MLA Transport Planning (MLA) has conducted a traffic and parking review to accompany a \$4.56 application to be lodged with Northern Beaches Council. The \$4.56 application will seek approval to amend the communal open space and roads approved as part of the proposed development granted in Development Application No. N0440/15 (as modified). Our findings are contained herein.

Background

In October 2015, a development application (N0440/15) was lodged with Pittwater Council (now Northern Beaches Council) seeking approval for a proposed subdivision and the construction of a residential development incorporating 81 dwellings at the subject site. The proposal comprised 66 residential apartments in four 3-storey residential flat buildings with 14 townhouses in a 3-storey multi dwelling housing building as well as the retention of the existing dwelling house.

The approved development includes an internal road system and communal open space surrounding the approved buildings. The approved internal road system comprises of a fire access road and a private access road joining on to another access that connects to Jubilee Avenue and the future connection to Forest Road.

Following a deemed refusal, an appeal (16/151186) was lodged with the Land and Environment Court (LEC). With consideration of expert advice, the LEC upheld the appeal in May 2017.



There have been several \$4.56 approvals following approval of the original development application.

A new S4.56 application is being prepared for submission seeking approval to amend the approved internal road system and communal open space. The proposed amendments to the internal road system include additional facilities to accommodate a waste vehicle to service the site.

This letter addresses the traffic implications arising from the current proposed S4.56 modifications. The traffic and parking assessment is discussed below. This letter has been revised to address Council's comments in their "Waste Referral Response" dated 20th June 2024.

Approved Internal Road System

The approved internal road system comprises two access roads and a fire access road as described below.

The approved road system includes an 8m wide access road that connects Jubilee Avenue to the future road link to Forest Road. From this access road, a 4m wide fire access road is developed to loop around the approved buildings and forms two separate intersections with the access road. In addition, the approved fire access road will also provide vehicular access to the existing dwelling that has been approved to be retained as part of the approved development.

A second access road is also approved. This has been approved as a 5.5m wide private access road that meanders in an east-west direction between Buildings A/D and Buildings B/C. It forms two T-junctions – one at its eastern end with the access road from Jubilee Avenue and the other one at its western end with the fire access road.

A 20m diameter turn around area is also approved. This is located on the fire access road at the north-western corner of the site.

The architectural plan showing the approved internal road system is provided in Attachment One.

Proposed S4.56 Modifications

This S4.56 application seeks approval to amend the approved road system with the following proposed modifications:

upgrade of the fire access road into a sealed road and retain the approved 4m width



- modify the alignment of the private access road by removing the road curvature with a generally straighter alignment and reduce the width to 4m to permit traffic flow in one direction from east to west only
- provision of an outdoor bin holding area on the internal road west of Jubilee Avenue to facilitate kerb side collection
- an indented service vehicle bay adjacent to the proposed outdoor bin holding area, and
- a temporary turn around area on the internal road adjacent to the future road connection to Forest Road.

In addition, the previously approved turn around area is proposed to be retained in the same general location.

In relation to the length of the proposed indented service vehicle bay, the Waste Referral Response from Council indicates that the proposed service vehicle bay to have a "minimum distance of 12.5 metres is required to park the truck and to undertake loading operations at the rear of the truck". It is noted that the architectural plan indicates the proposed service vehicle bay has a length of 12.5m which is consistent with that stated in the Waste Referral Response from Council. it is also noted that the previous proposed short term parking spaces are no longer being contemplated.

This S4.56 application does not involve modifying any other elements of the approved development including the apartment number and mix, nor any design modifications to the approved basement car park. The proposed development will continue to accommodate 81 residential dwellings with 194 car parking spaces consistent with the approved development.

The revised internal road system is shown in the architectural plans contained within Attachment 2.

Parking Effects of Proposed S4.56 Modifications

The proposed changes to the internal road system does not require any changes to the approved parking as the proposed modifications do not involve any changes to the apartment number and/or mix. Parking to serve the proposed development will remain as approved at 194 car parking spaces located inside the basement.



Traffic Effects of Proposed S4.56 Modifications

As noted previously, the proposed development will continue to accommodate 81 residential dwellings with 194 car parking spaces consistent with the approved development.

Furthermore, the proposed changes to the internal road system are not expected to generate any additional development traffic.

As such, it is expected that the level of development traffic arising from the proposed development will continue to remain consistent with that estimated for the approved development (which has been dealt with previously by traffic experts during the LEC proceedings).

In light of the above, the proposed development would not create any additional traffic impacts to the surrounding road network. The nearby intersections would continue to operate as originally planned.

Swept Path Analysis

Swept path analysis of an Australian Standard 5.2m long B99 vehicle and an 8.8m long medium rigid vehicle (MRV) circulating on the internal road system has been conducted. The B99 vehicle represent general traffic (residents and visitors) accessing the site, while the MRV represents emergency RFS vehicle. In addition, swept path analysis of a 12.5m long heavy rigid vehicle representing service vehicles (including waste collection) circulating along the internal road.

The analysis indicates all design vehicles, namely B99, MRV and HRV would be able to circulate on the proposed revised internal road system satisfactorily.

The swept path diagrams are provided in Attachment 3.

Summary and Conclusion

MLA has conducted a traffic and parking review for this Section 4.56 application to modify the approved internal road system at 8 Forest Road, Warriewood. The proposed modifications do not involve any changes to the approved apartment number and/or mix.

In terms of the parking effects, the revised proposed development would continue to provide parking in compliance with the DCP and consistent with the approved development. As such, the proposed parking provision is satisfactory.



In terms of the traffic effects, it is not expected that the proposed modifications would result in any additional development traffic. As such, the proposed development would not create traffic impacts worse than the approved development.

Overall, the traffic and parking aspects of the proposed development are considered to be satisfactory.

Yours sincerely,

Michael Lee Director

Encl. Attachment One – Approved Internal Road System Attachment Two – Revised Internal Road System Attachment Three – Swept Path Diagrams



Attachment One

Approved Internal Road System

Attachment One





Attachment Two

Revised Internal Road System





Attachment Three

Swept Path Diagrams

Attachment Three



















