

Our Ref: 20027l03B-230815

15 August 2023

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) – \$4.56 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 \$4.56 application is being prepared for submission seeking approval to amend the approved internal road system and communal open space.

This letter addresses the traffic implications arising from the current proposed \$4.56 modifications. The traffic and parking assessment is discussed below.

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, and
- introduce four kerbside car parking spaces on the western side of the approved 8m wide access road for use as short term parking for deliveries and ride share/taxi drop off.



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

This \$4.56 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 \$4.56 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.

However, separate to parking requirements for residents and visitors it is proposed to provide four short term kerbside parking on the southern side of the approved 8m wide access road. These proposed kerbside parking will provide a safe and convenient area for deliveries and passenger drop off without having to access the visitor parking 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. Similarly, the proposed four kerbside car parking spaces are also 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.

The analysis indicates the B99 and MRV would be able to circulate on the 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. In addition, four kerbside parking is proposed to provide a safe and convenient area for deliveries and passenger drop off. 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 Two

Revised Internal Road System





Ground Floor Scale @ A1 = 1:200

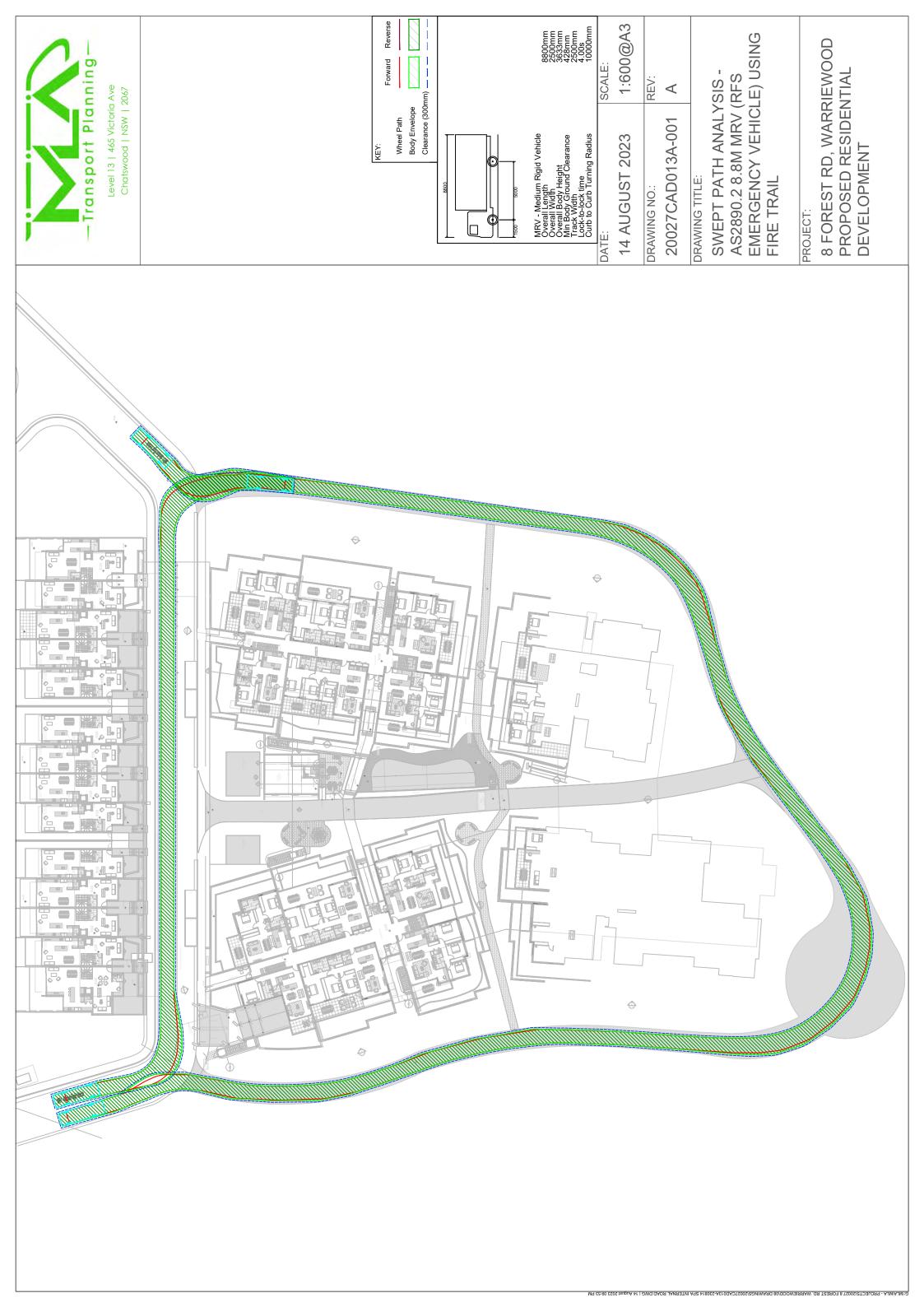
ARCHITECTURE DESIGN STUDIO (NSW) PTY LTD 1/7 Murray Rose Avenue, Sydney Olympic Park NSW 2127 P: 02 9/78 1888 info@adsarchitects.com I www.adsarchitects.com ABN: 90 616 216 196 NSW Nominated Architect Paylo Doroch 9170

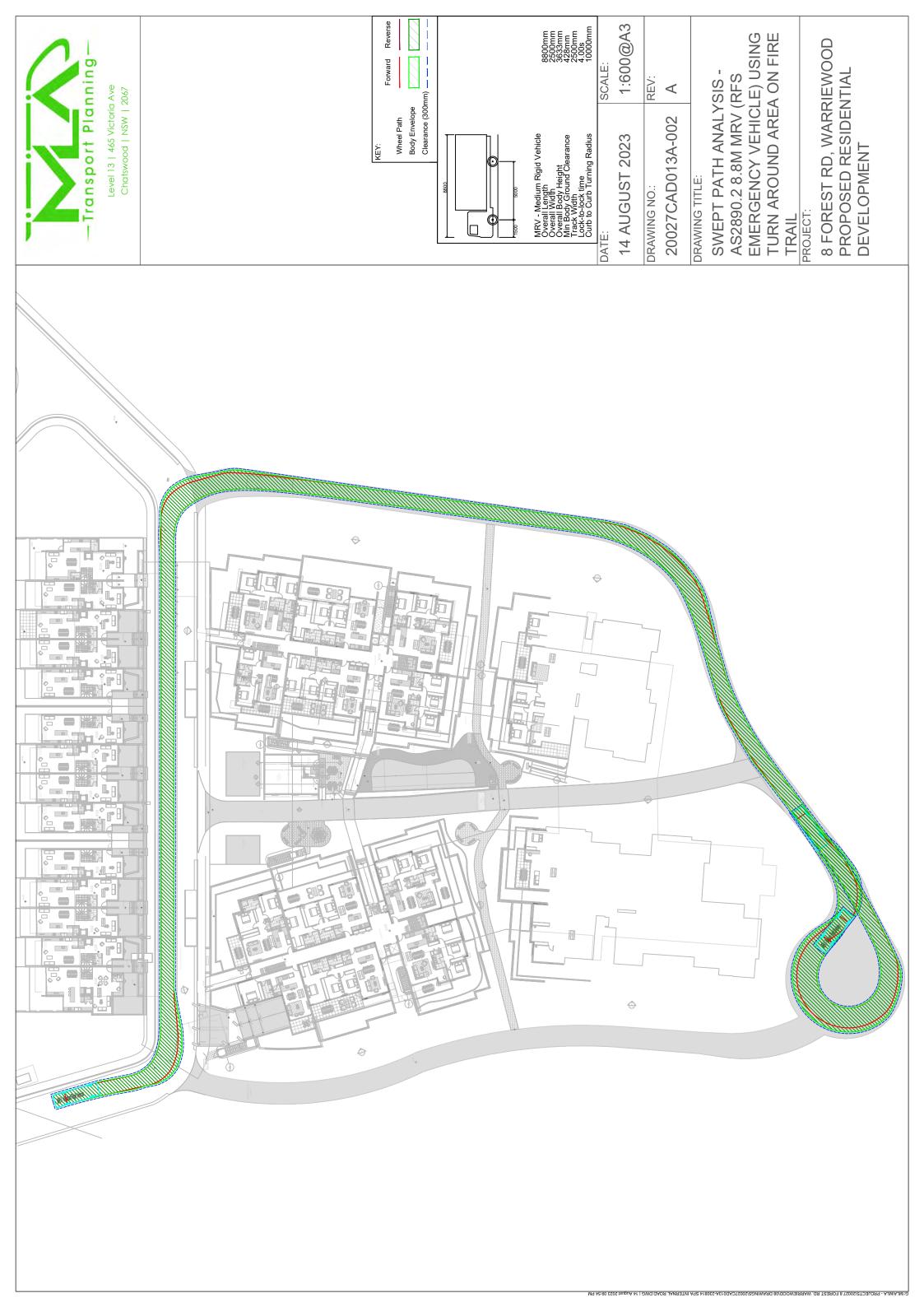
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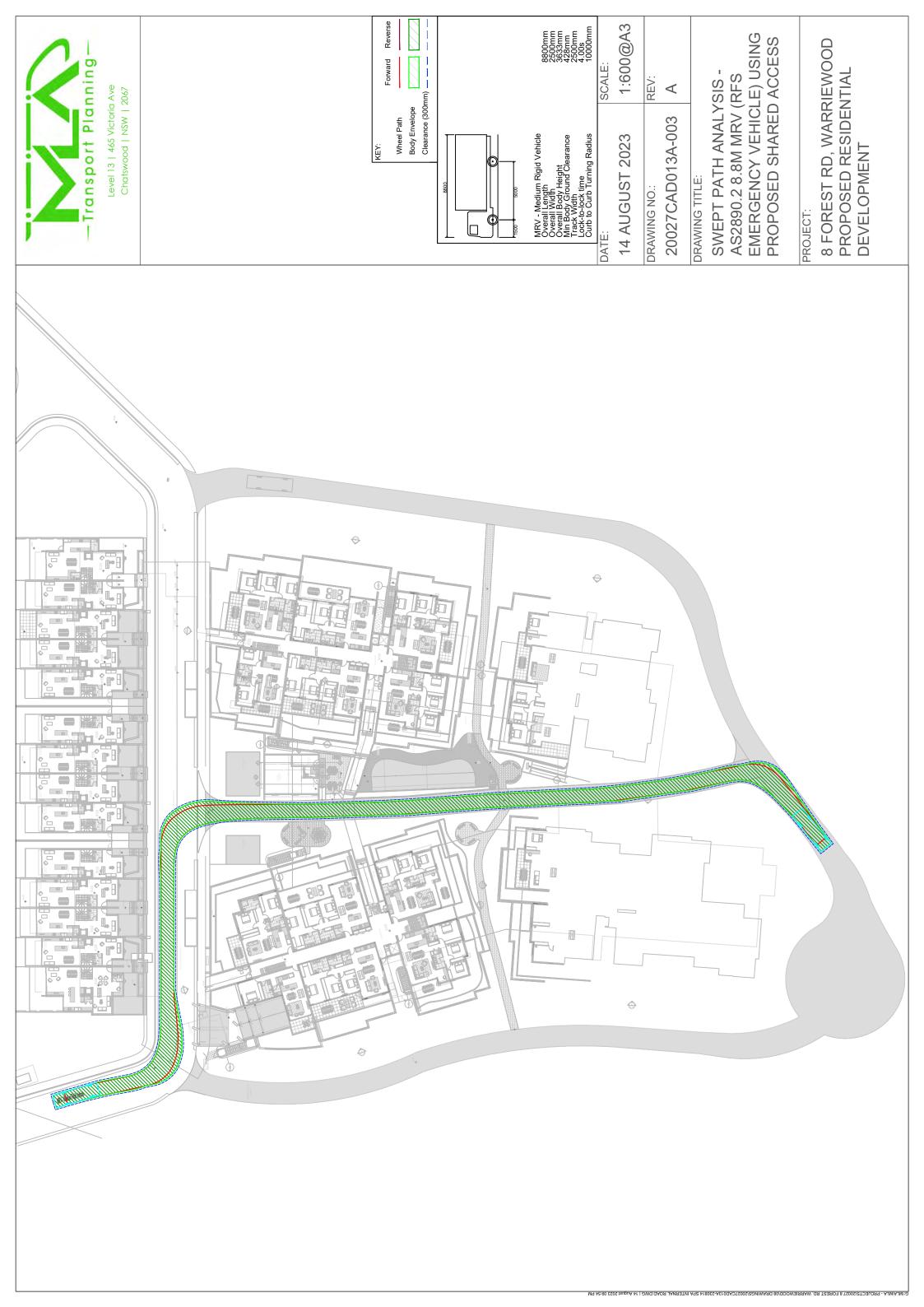


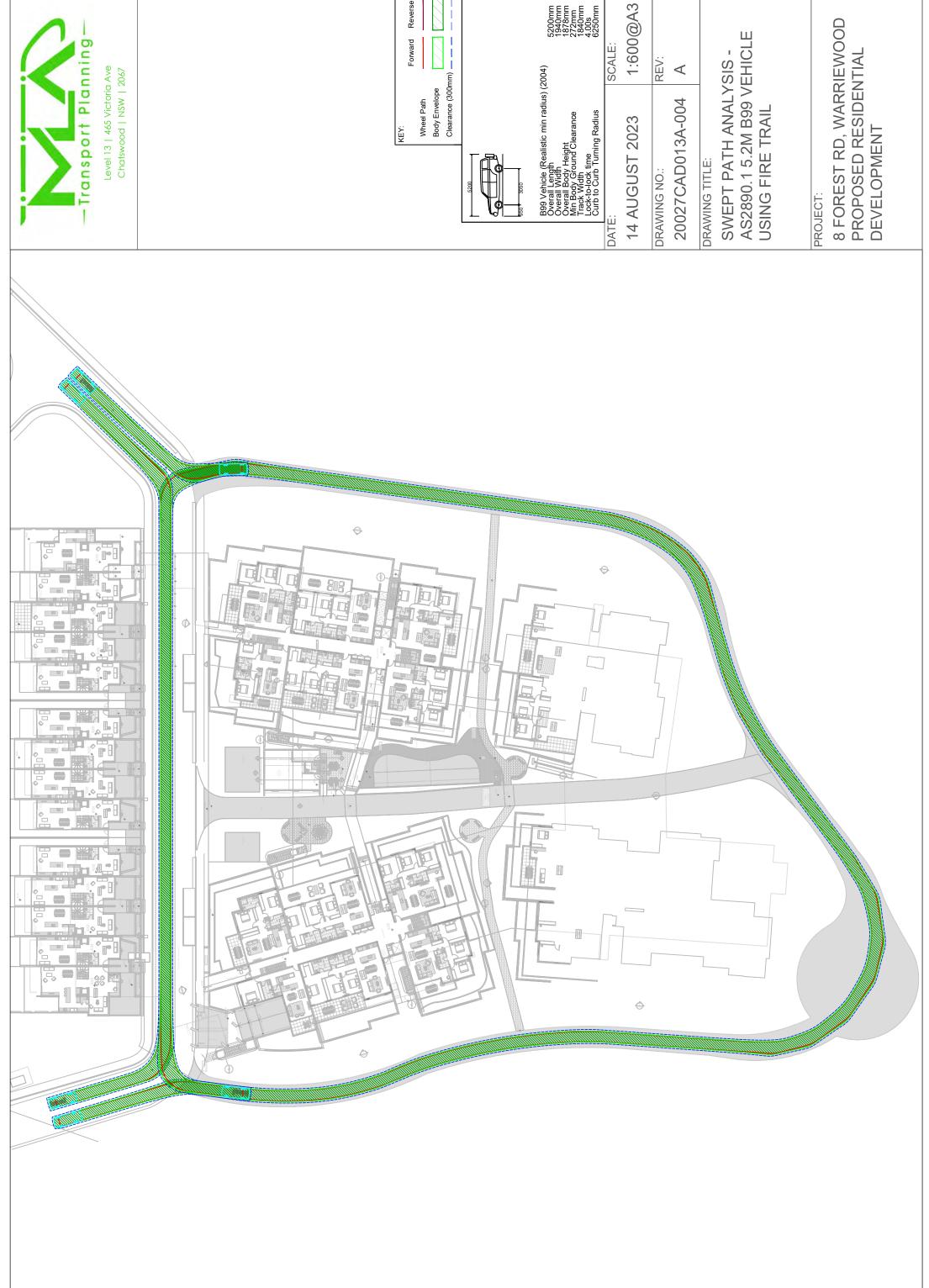
Attachment Three

Swept Path Diagrams

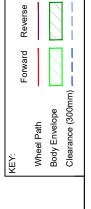












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8 FOREST RD, WARRIEWOOD PROPOSED RESIDENTIAL DEVELOPMENT

