

Terraffic Pty Ltd

Traffic and Parking Consultants

ABN 83 078 415 871

29th April 2022

Ref: 21063

The General Manager
Northern Beaches Council
PO Box 82
Manly NSW 1655

Dear Sir/Madam,

**DA2021/1841 – 7 & 8 CORONATION STREET, MONA VALE
PEDESTRIAN CROSSING TREATMENT**

I refer to Council's Traffic Engineering Referral Response dated 4/3/22 regarding the abovementioned development. In this response, Council's Engineer recommended Option 3 which incorporates a pedestrian refuge island, a kerb extension on the northern side of Coronation Street and relocation of the bus stop on the southern side of the roadway.

In response to Council's request, Gartner Trovato Architects have prepared a Site Analysis Plan (Drawing A01) that includes the following:

- A pedestrian refuge island outside No10 Coronation St that retains vehicular access to this dwelling
- A kerb extension on the northern side of the road that limits the crossing width to 3.7m on both sides of the refuge island
- Rotating the 90 degree parking between Gate 3 and the refuge island to 60 degrees
- Relocation of the bus stop on the southern side of Coronation Street to be located immediately east of the driveway serving No9 Coronation Street
- A proposed NO STOPPING restriction from the new bus stop to the common boundary of 11 and 12 Coronation Street

The swept path of the Australian Standard AS2890.2:2018 12.5m long Heavy Rigid Vehicle (HRV) representing a typical bus accessing the bus stop on the northern side of Coronation Street is reproduced in Annexure A. As can be seen, this vehicle can comfortably access the bus stop and manoeuvre between the proposed pedestrian refuge and kerb extension.

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Should you require any further information, please do not hesitate to contact Michael Logan on 0411 129 346 during business hours.

Yours faithfully

A handwritten signature in black ink, appearing to read 'M Logan', with a long horizontal stroke extending to the right.

Michael Logan *MTraff* (*Monash University*)
Director
Terraflow Pty Ltd

ANNEXURE A

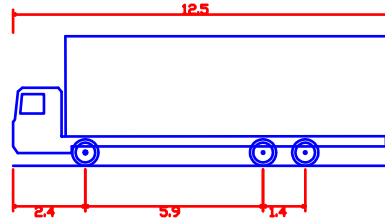
HRV SWEPT PATH ANALYSIS

**Path prepared using
Autodesk Vehicle Tracking**

0 4 8 12 16 20 40

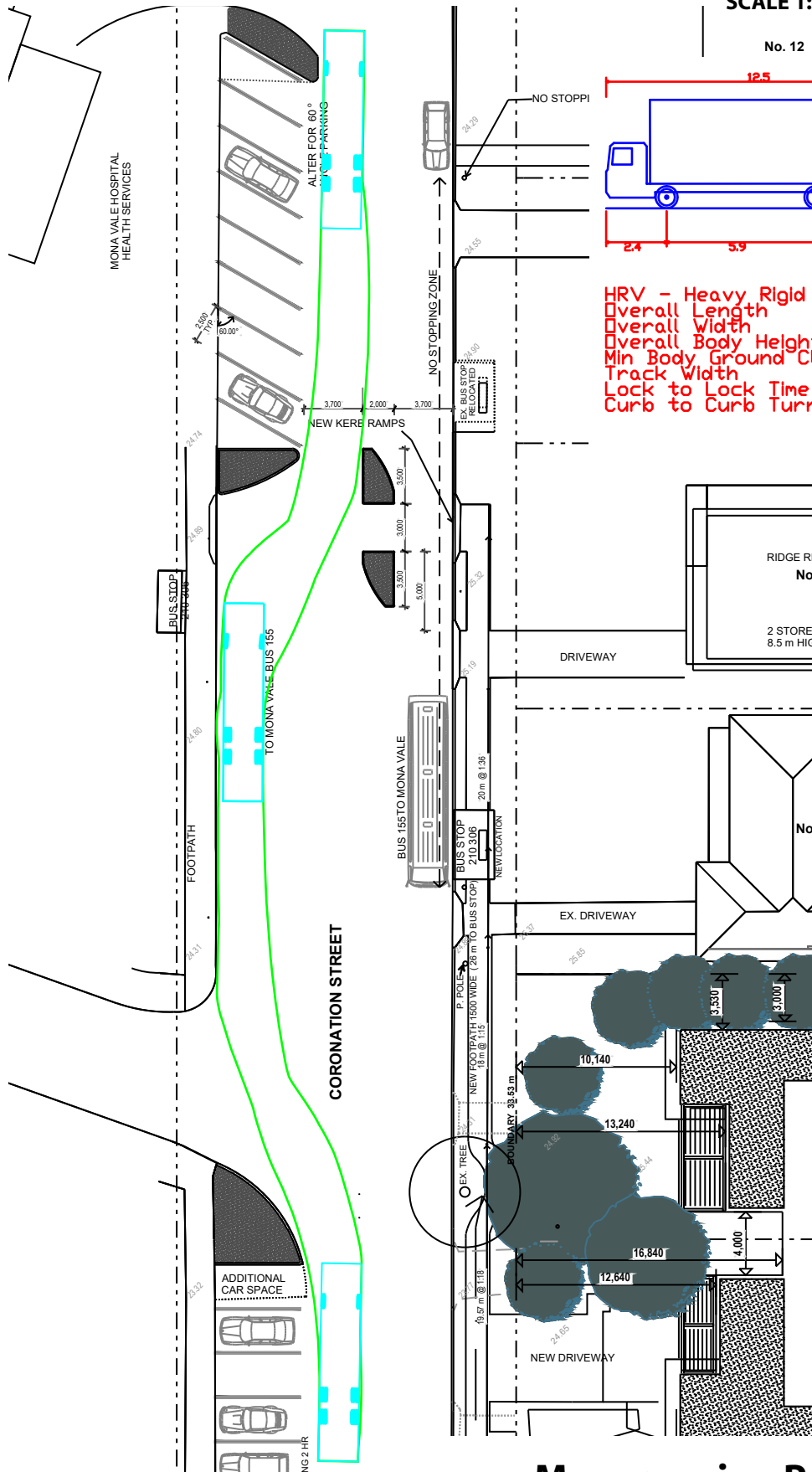
METRES
SCALE 1:400

No. 12



HRV - Heavy Rigid Vehicle
Overall Length 12.500m
Overall Width 2.500m
Overall Body Height 4.300m
Min Body Ground Clearance 0.417m
Track Width 2.500m
Lock to Lock Time 6.00s
Curb to Curb Turning Radius 12.500m

12.500m
2.500m
4.300m
0.417m
2.500m
6.00s
12.500m



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**Manoeuvring Path of Australian
Standard AS2890.2:2018
12.5m Heavy Rigid Vehicle (HRV)**