

Our Ref: 19112

2 December 2019

Columbia Lane Pty Ltd
C/- JQZ Pty Ltd
Retail 24 & 25, 1 Nipper Street
HOMEBUSH NSW 2140

**STRATHFIELD COUNCIL
RECEIVED**

AMENDED PLAN

**DA2019/143
3 Decemeber 2019**

Attention: Mr Jeremy Hung

Dear Jeremy,

**RE: DA 2019/143, 11-13 & 15-17 COLUMBIA LN HOMEBUSH PROPOSED RESIDENTIAL
DEVELOPMENT – RESPONSE TO COUNCIL REQUEST FOR INFORMATION**

Following the submission of the above DA, Council has written to request for additional information to be provided. One of the requested items for information is an emergency services plan.

It is understood that the emergency services plan is to demonstrate that the various emergency services (police, fire brigade, ambulance, SES etc) are able to access the site and move around the site efficiently and easily for their requirements.

The Transport Planning Partnership (TPPP) prepares this letter together with the swept path diagrams provided in Attachment One of this document to demonstrate that the largest emergency vehicle can access and circulate within the site satisfactorily.

The types of vehicles (in terms of size) used by the various emergency services to attend an emergency incident at the site are expected to be as follow:

- police – generally a large passenger vehicle which is equivalent to an Australian Standard B99 vehicle
- fire bridge – typically a two-axle truck for a general fire appliance, but specialist fire appliance up to a four-axle truck will require to access any buildings with an effective height greater than 9m which is equivalent to an Australian Standard 12.5m long heavy rigid vehicle (HRV)
- ambulance – large van and/or small two-axle truck which is equivalent to an Australian Standard 6.4m long small rigid vehicle (SRV), and
- SES – typically a utility tray top vehicle and possibly a dual cab 7-seater two axle truck which is equivalent to an Australian Standard 8.8m long medium rigid vehicle (MRV).

From the above, it can be seen that the largest emergency service vehicle would be an Australian Standard 12.5m HRV. As such, swept path analysis has been conducted for a 12.5m HRV to enter/exit the site from/to Parramatta Road and circulate within the site. The swept path diagrams are provided herein in Attachment One.

The swept path analysis indicates that a 12.5m long HRV can access and circulate within the site. It is noted in some instances the vehicle will require to drive over the kerb to complete a turn at a given intersection. This is permitted by Fire and Rescue NSW provided the kerb is 200mm high or less. This is considered to be satisfactory as residential street kerb typically has kerb height of 150mm or less.

In addition, Fire and Rescue NSW specifies a hardstand area of 6m by 16m for the specialist fire appliance without the parked fire appliance blocking other passing traffic. Most of the streets within the subject site are at least 6m wide except for Columbia Lane which is approximately 5.9m wide kerb to kerb. Notwithstanding, in some cases a parked fire appliance will likely block other traffic from passing the fire appliance. However, given the streets within the site are local streets in a self-contained precinct and does not cater for through traffic and furthermore, in an emergency, unauthorised vehicles would not be permitted to circulate within the site, therefore this is considered to be acceptable.

Overall, it is considered access by a large emergency service vehicle i.e. a specialist fire appliance at the subject site is satisfactory.

We trust the above is to your satisfaction. Should you have any queries regarding the above or require further information, please do not hesitate to contact the undersigned on 8437 7800.

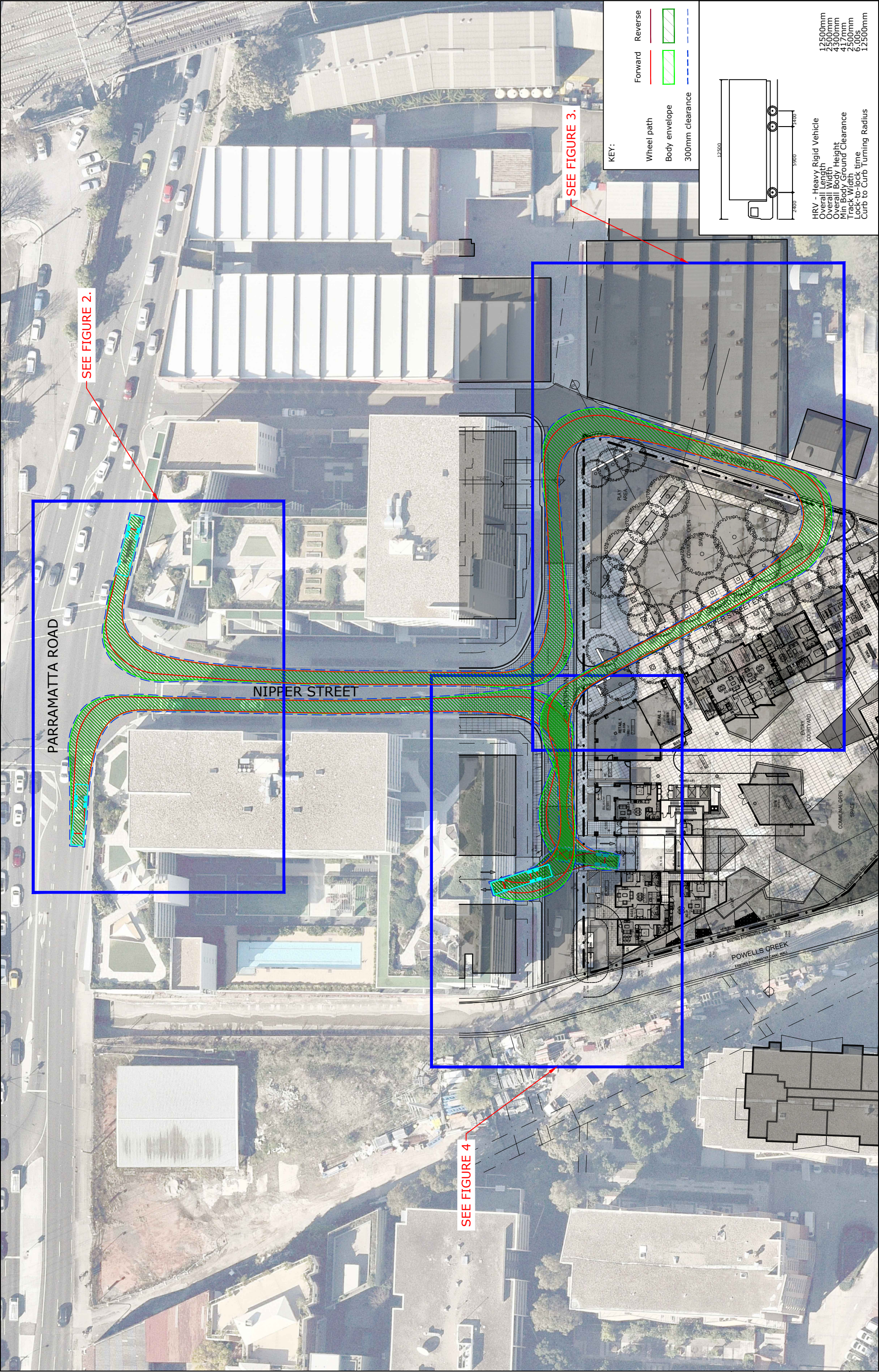
Yours sincerely,

A handwritten signature in black ink, appearing to be 'Michael Lee', written over a circular stamp or seal.

Michael Lee
Director

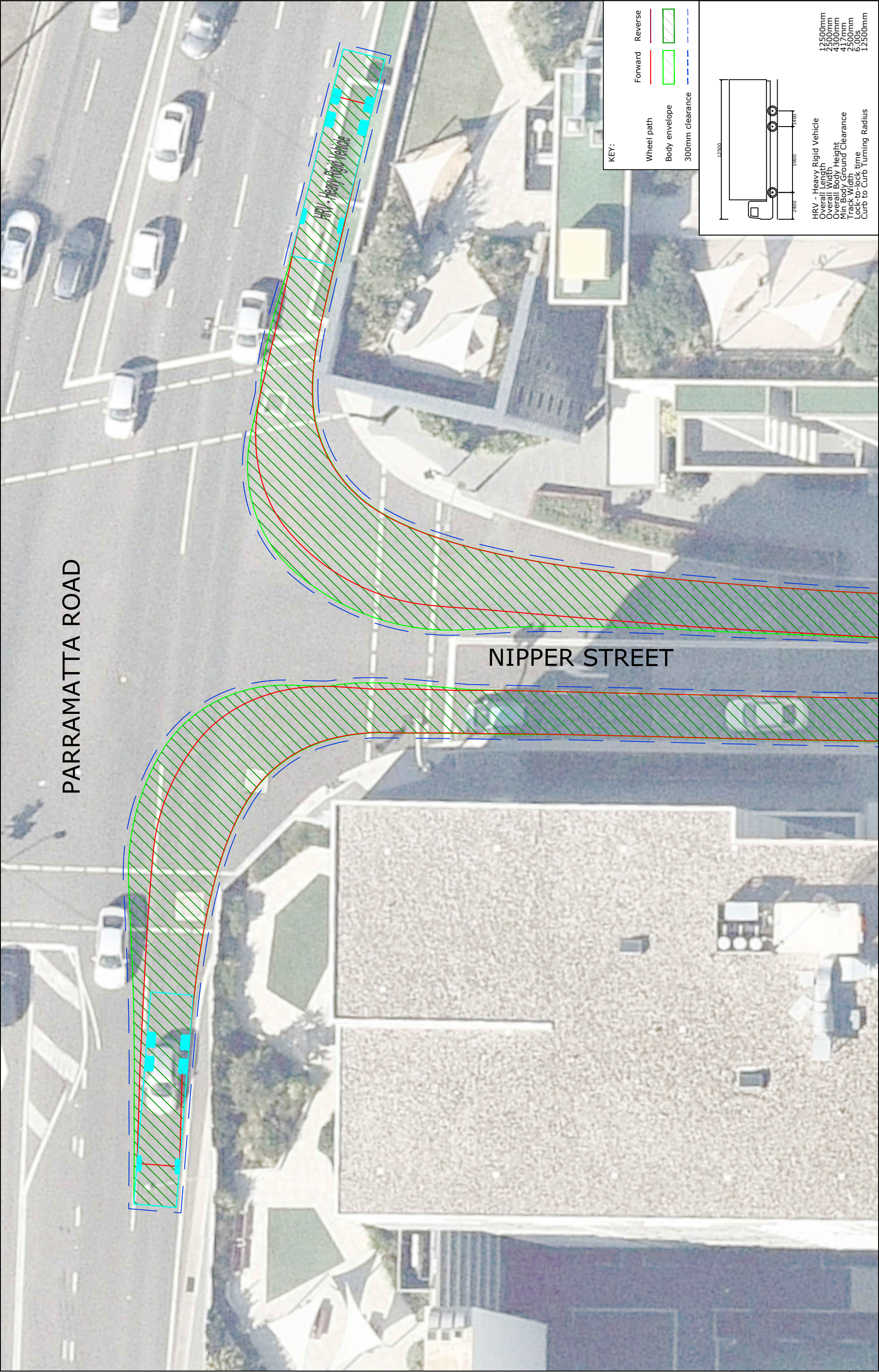
Attachment One

12.5m HRV Swept Path Analysis



PROJECT				11-17 COLUMBIA LANE, HOMEBUSH				DWG No. 19112CAD006 FIGURE 1			
TITLE				SWEPT PATH ANALYSIS				DATE STAMP 02 DECEMBER 2019			
				AS2890.2 12.5m HEAVY RIGID VEHICLE				PROJECT No. 19112			
								SCALE 1:700 @A3			
								REV. A			

REV.	DESCRIPTION	DRAWN	CHECK	APP'D	DATE
A	ISSUE FOR DISCUSSION	KM	ML	ML	02/12/19



KEY:

Wheel path

Body envelope

300mm clearance

Forward

Reverse

12500

2800

5800

4800

HRV - Heavy Rigid Vehicle

Overall Length 12500mm

Overall Width 2500mm

Overall Body Height 4300mm

Min Body Ground Clearance 417mm

Track Width 2500mm

Lock-to-lock time 9.90s

Curb to Curb Turning Radius 12500mm

REV.	A	DESCRIPTION	DRAWN	CHECK	APP'D	DATE	<div><div>tpp</div><div>transport planning</div></div>	PROJECT		11-17 COLUMBIA LANE, HOMEBUSH		DWG No. 19112CAD006	
								TITLE		AS2890.2 12.5m HEAVY RIGID VEHICLE - PARRAMATTA ROAD - NIPPER STREET		FIGURE 2	
								DATE STAMP		02 DECEMBER 2019		PROJECT No. 19112	
								SCALE		1:200 @A3		REV. A	

