



TRANSPORT AND TRAFFIC PLANNING ASSOCIATES

Suite 502, Level 5, 282 Victoria Avenue, Chatswood NSW 2067

P (02) 9411 5660 **F** (02) 9904 6622 **W** ttpa.com.au **E** bernard@ttpa.com.au

15 January 2020

Ref: 19015

Mr Michael Stanton
Project Manager
Lighthouse PM
E: ms@lighthousepm.com.au

Dear Michael

Re 26 Whistler Street, Manly Driveway and Parking Assessment

I have assessed the architectural plans for 26 Whistler Street, Manly prepared by Wolski Coppin Architecture (refer to Appendix A).

My assessment has had regard for the Australian Standards AS2890 series. It is my assessment that the car parking, access, layout (dimensions, driveway and aisle widths, driveway grades, transitions, circulation ramps, blind aisle situations and other trafficked areas) will generally be compliant with the AS/NZS 2890.1 - 2004 criteria.

The proposed parking manoeuvring arrangements will be satisfactory as confirmed by the turning path assessment for a B85 car manoeuvring in and out and within the site, which is provided in Appendix B.

I trust the above provides the information you require. Should you have any questions or require any further information, please do not hesitate to contact me on (02) 9411 5660.

Yours faithfully

Meg Kong


Meg Kong, BSc., MSc. Civil Engineering
Associate
Transport and Traffic Planning Associates
Encl.

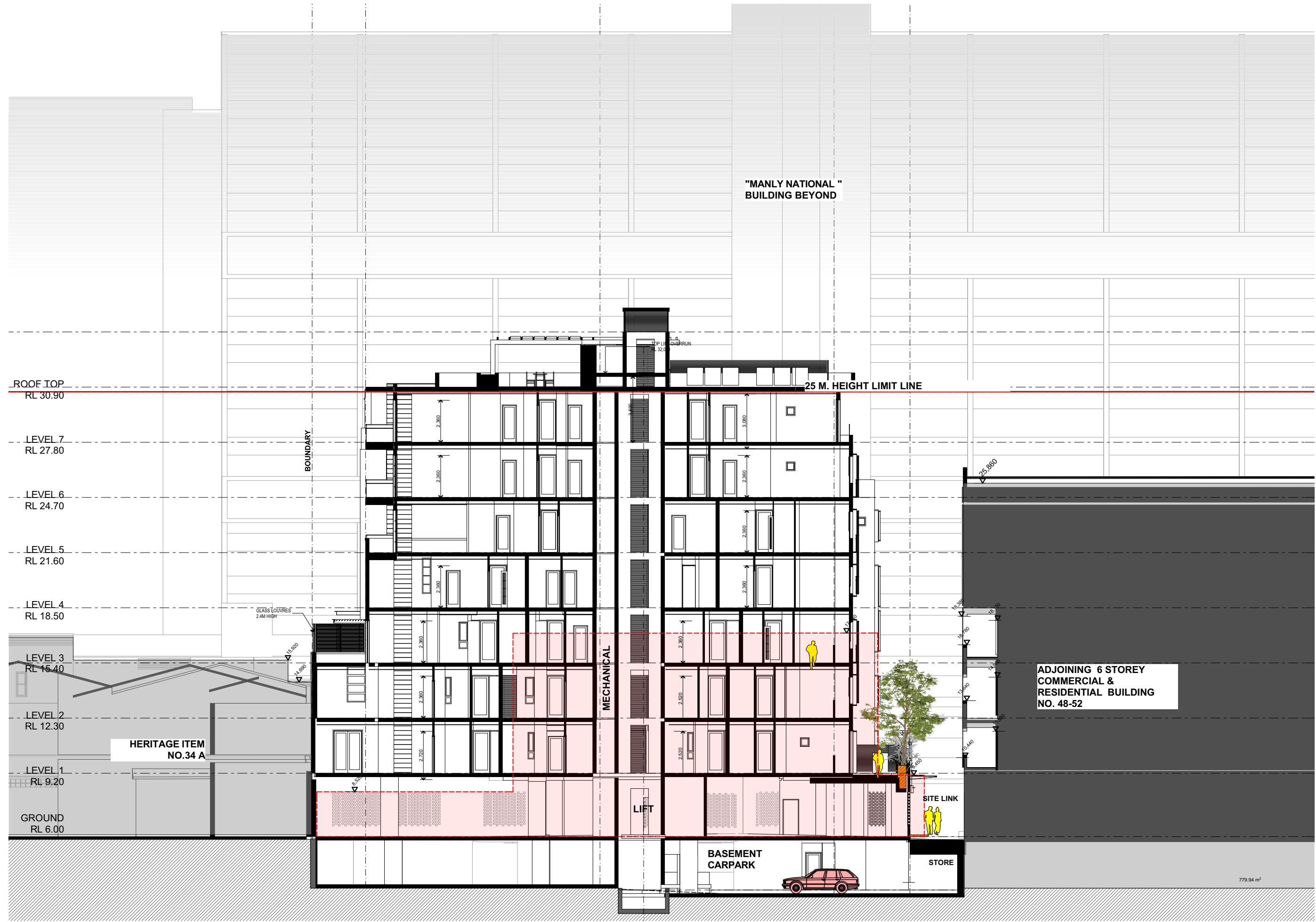
APPENDIX A Assessed Plans

PRELIMINARY 9/01/2020



PRELIMINARY 9/01/2020





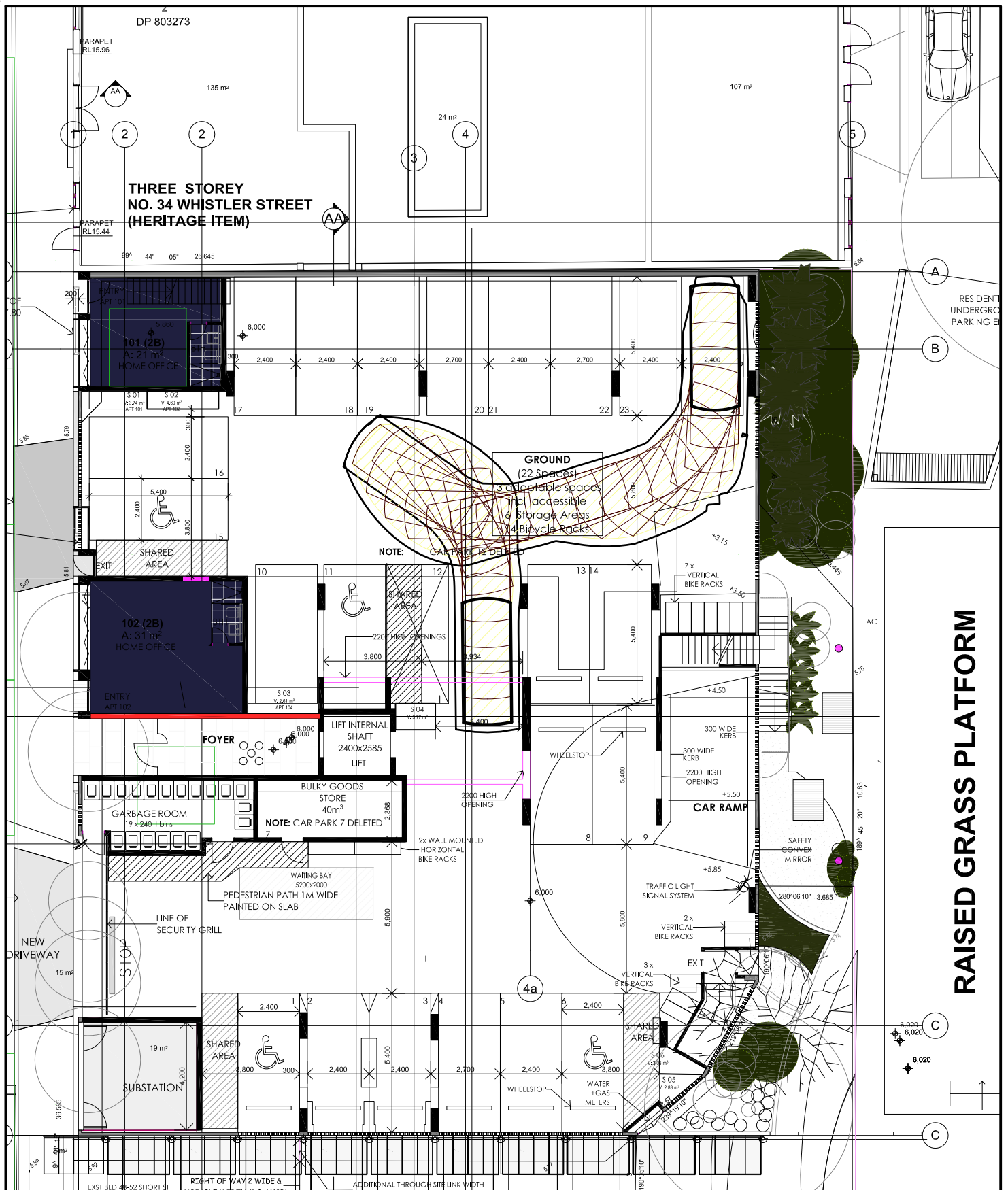
<div>NOTES:</div> <div>FIGURED DIMENSIONS ARE TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.</div> <div>THE CONTRACTOR IS TO CHECK AND VERIFY FIGURED DIMENSIONS PRIOR TO ANY COMMENCEMENT OF WORK ON SITE.</div> <div>THIS DRAWING IS COPYRIGHT AND SHALL REMAIN THE PROPERTY OF WOLSKI COPPIN ARCHITECTURE.</div>	DATE	REV	DESCRIPTION	DATE	REV	DESCRIPTION	DATE	REV	DESCRIPTION	ARCHITECT:	PROJECT TITLE:	CLIENT:	PROJECT No:	DRAWING No:	REVISION:	NORTH POINT:
	07/06/19	A	DA SUBMISSION							<div>WOLSKI . COPPIN</div> <div>ARCHITECTURE</div> <div>LEVEL 1, 507 MILITARY ROAD MOSMAN NSW 2088</div> <div>T: 9953 8477 E: info@wolskicoppin.com.au</div> <div>DAVID WOLSKI NSW ARB No. 5297</div>	PROPOSED RESIDENTIAL REDEVELOPMENT	DAP Woodland Pty Limited	21813	DA15		
											PROJECT ADDRESS:	DRAWING TITLE:	SCALE:		PLOT DATE:	
											26 Whistler Street MANLY	Long Section	1:200@A3		9/01/2020	
													BIM Server: BIMSRV01	BIM Server: 20/21806-26 Whistler St Manly Amended scheme 091219		



<div>NOTES:</div> <div>FIGURED DIMENSIONS ARE TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.</div> <div>THE CONTRACTOR IS TO CHECK AND VERIFY FIGURED DIMENSIONS PRIOR TO ANY COMMENCEMENT OF WORK ON SITE.</div> <div>THIS DRAWING IS COPYRIGHT AND SHALL REMAIN THE PROPERTY OF WOLSKI COPPIN ARCHITECTURE.</div>	DATE	REV	DESCRIPTION	DATE	REV	DESCRIPTION	DATE	REV	DESCRIPTION							
	07/06/19	A	DA SUBMISSION													
<div>ARCHITECT:</div> <div><div>WOLSKI . COPPIN</div><div>ARCHITECTURE</div><div>LEVEL 1, 507 MILITARY ROAD MOSMAN NSW 2088</div><div>T: 9953 8477 E: info@wolskicoppin.com.au</div><div>DAVID WOLSKI NSW ARB No. 5297</div></div>										<div>PROJECT TITLE:</div> <div>PROPOSED RESIDENTIAL REDEVELOPMENT</div>		<div>CLIENT:</div> <div>DAP Woodland Pty Limited</div>	<div>PROJECT No:</div> <div>21813</div>	<div>DRAWING No:</div> <div>DA16</div>	<div>REVISION:</div>	<div>NORTH POINT:</div>
<div>PROJECT ADDRESS:</div> <div>26 Whistler Street MANLY</div>										<div>DRAWING TITLE:</div> <div>Section with Substation</div>		<div>SCALE:</div> <div>1:200@A3</div> <div>BIM Server- BIMSRV01</div>	<div>BIM Server- 2021806-26 Whistler St Manly Amended scheme 091219</div>	<div>PLOT DATE:</div> <div>9/01/2020</div>		

APPENDIX B

Swept Path Assessment



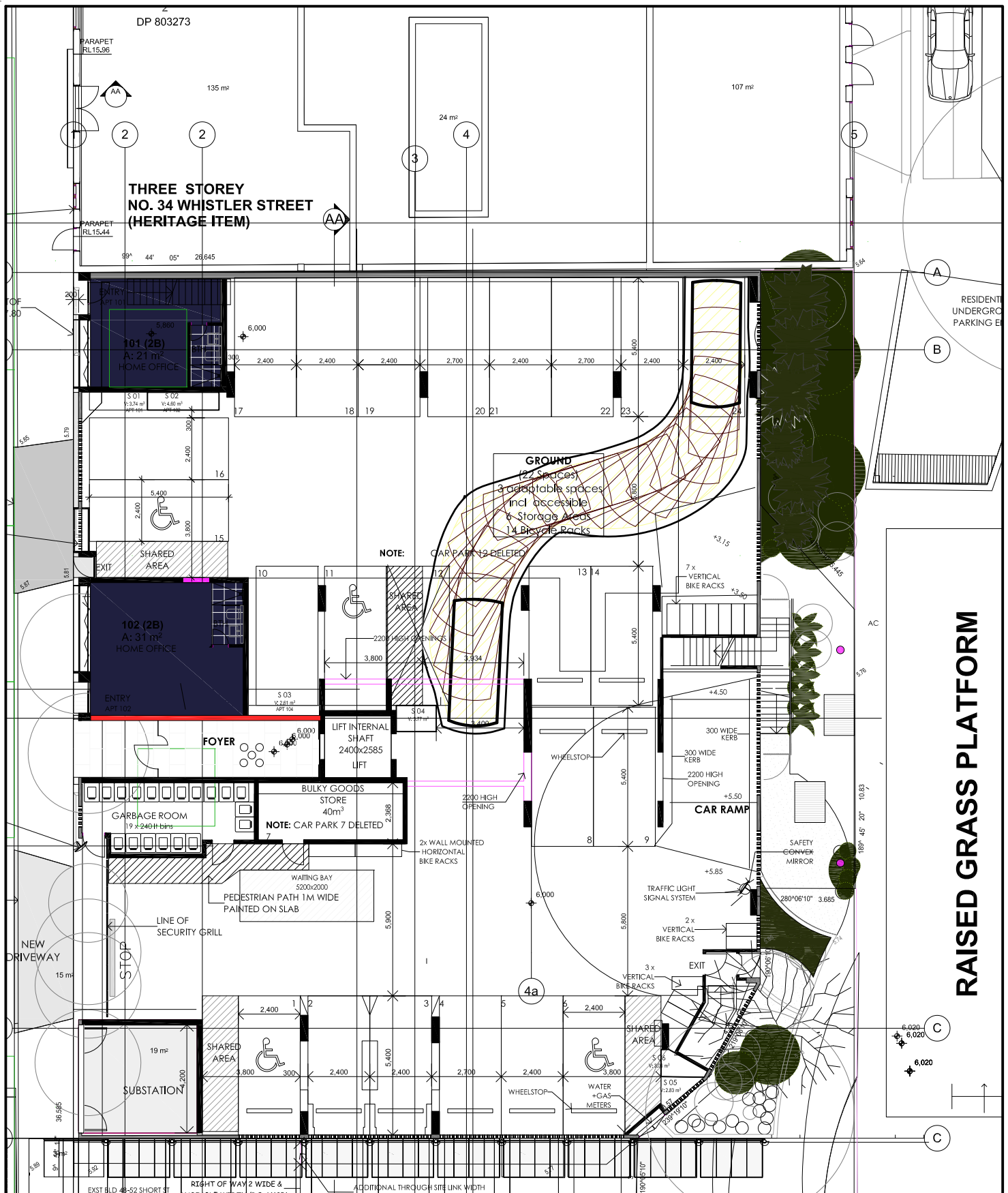
LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2013. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS
OF A 85th PERCENTILE
VEHICLE ENTERING THE SITE**

SP 1



LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2013. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS
OF A 85th PERCENTILE
VEHICLE EXITING THE SITE**

SP 2

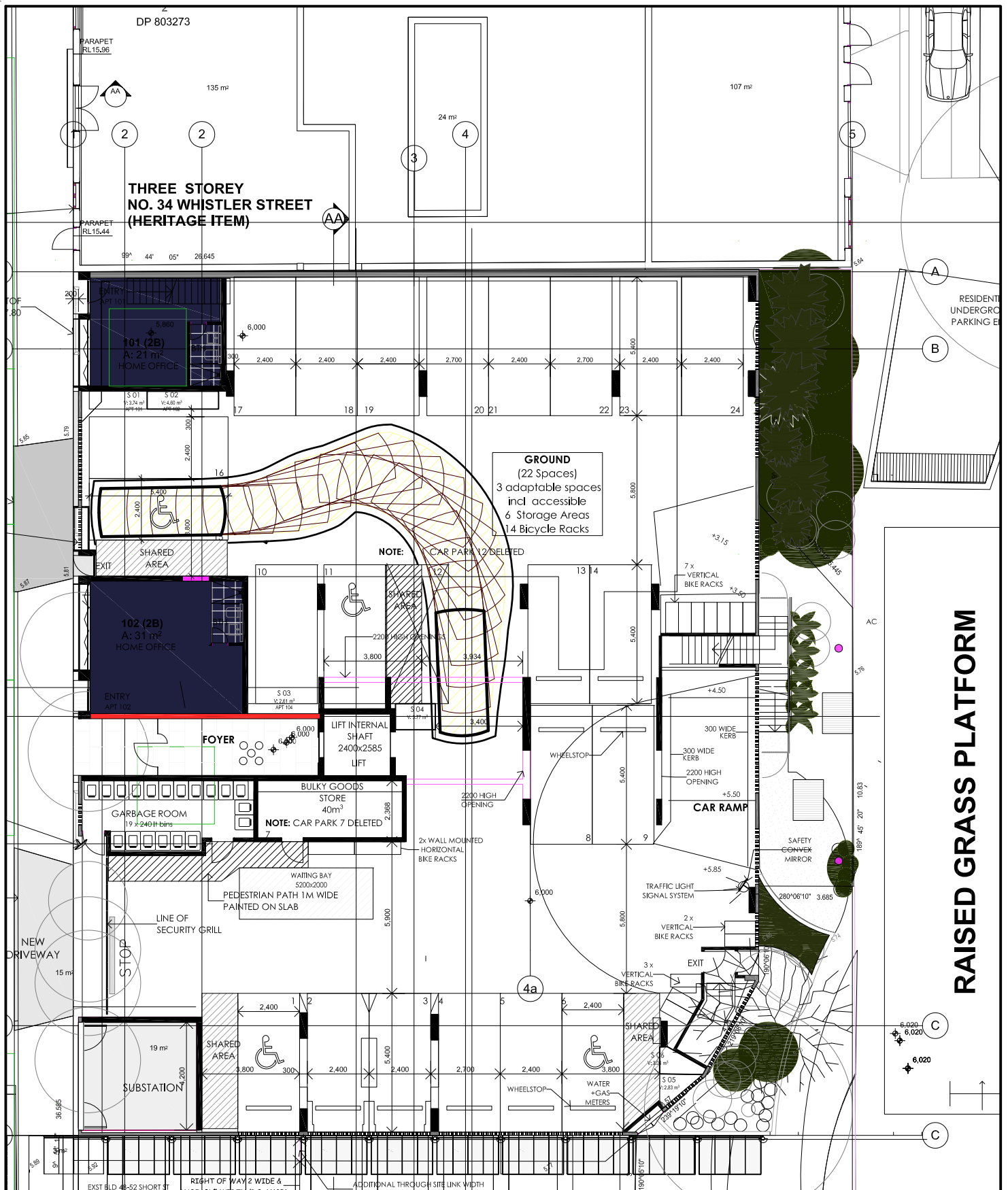


This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2013. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



SWEPT PATH ANALYSIS OF A 85th PERCENTILE VEHICLE ENTERING THE SITE

SP 3



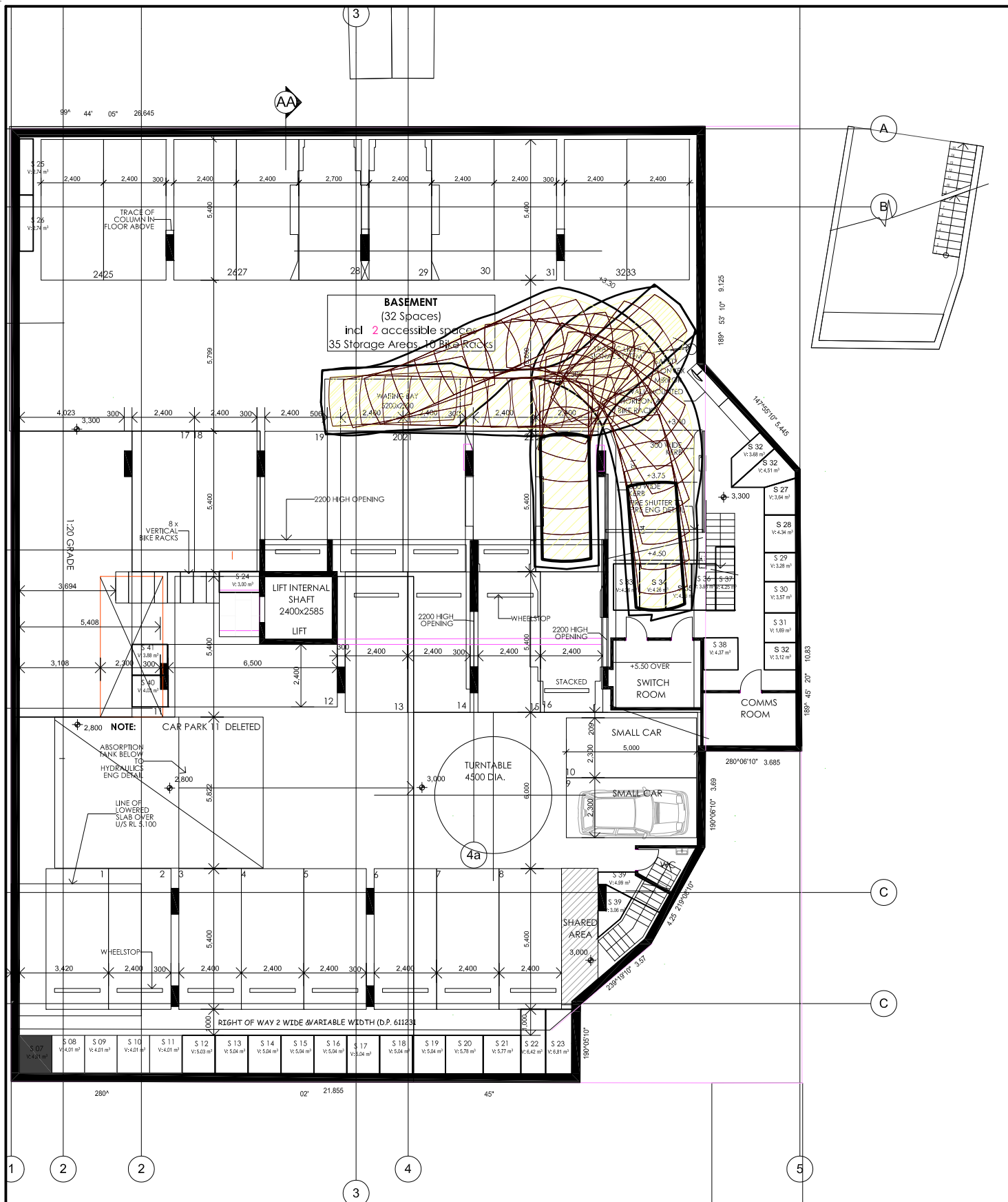
LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2013. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS
OF A 85th PERCENTILE
VEHICLE EXITING THE SITE**

SP 6



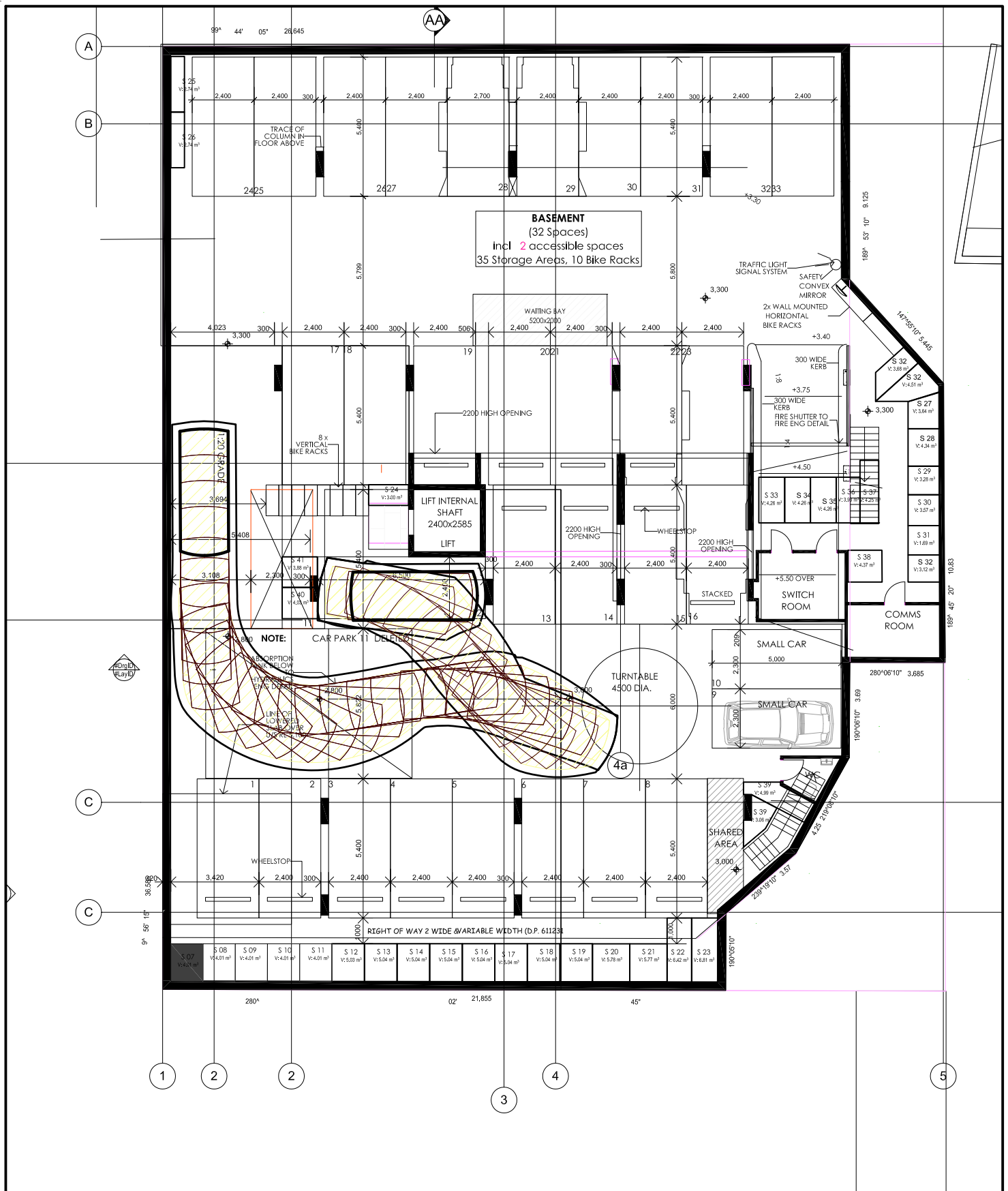
LEGEND

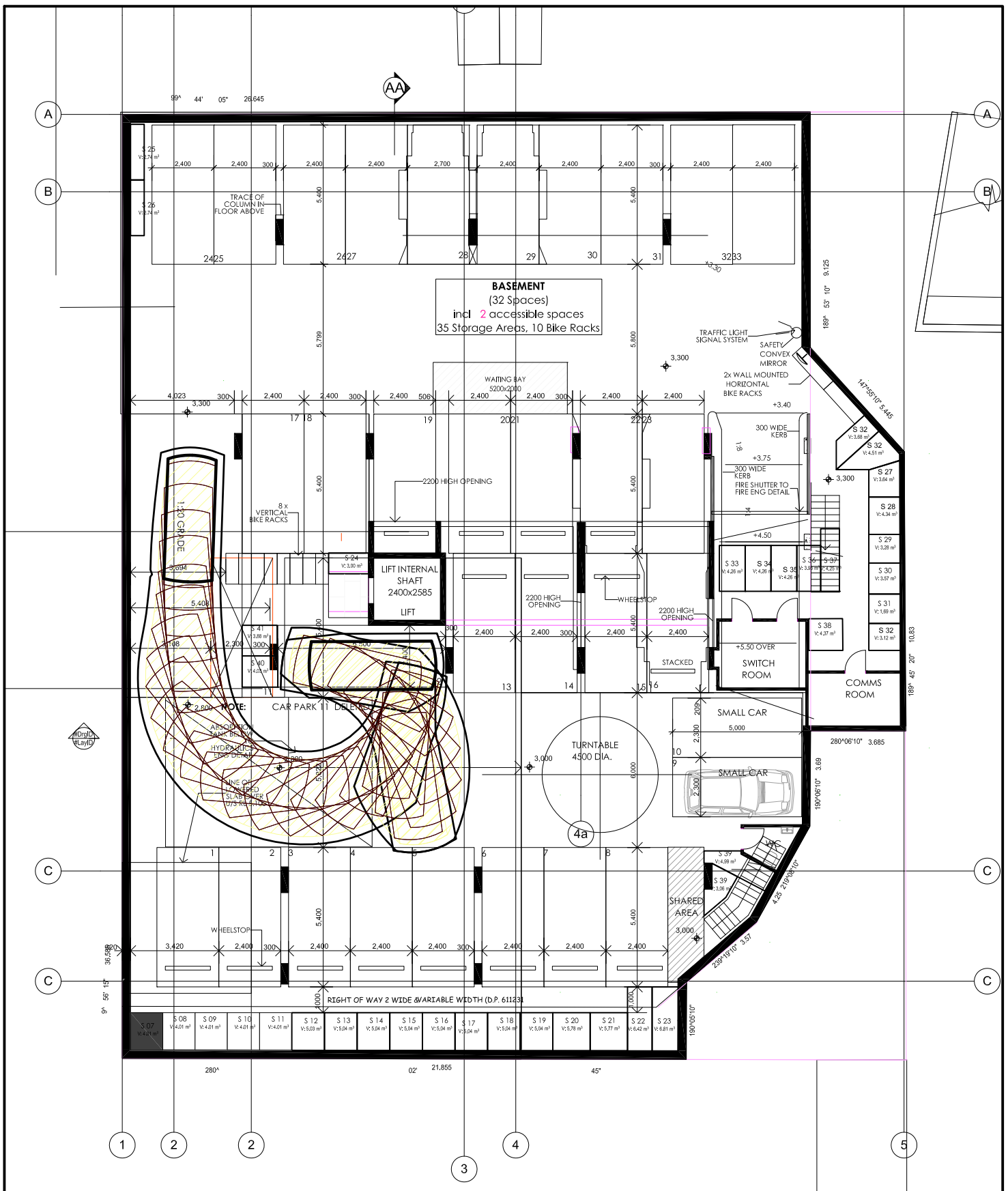
This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2013. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.

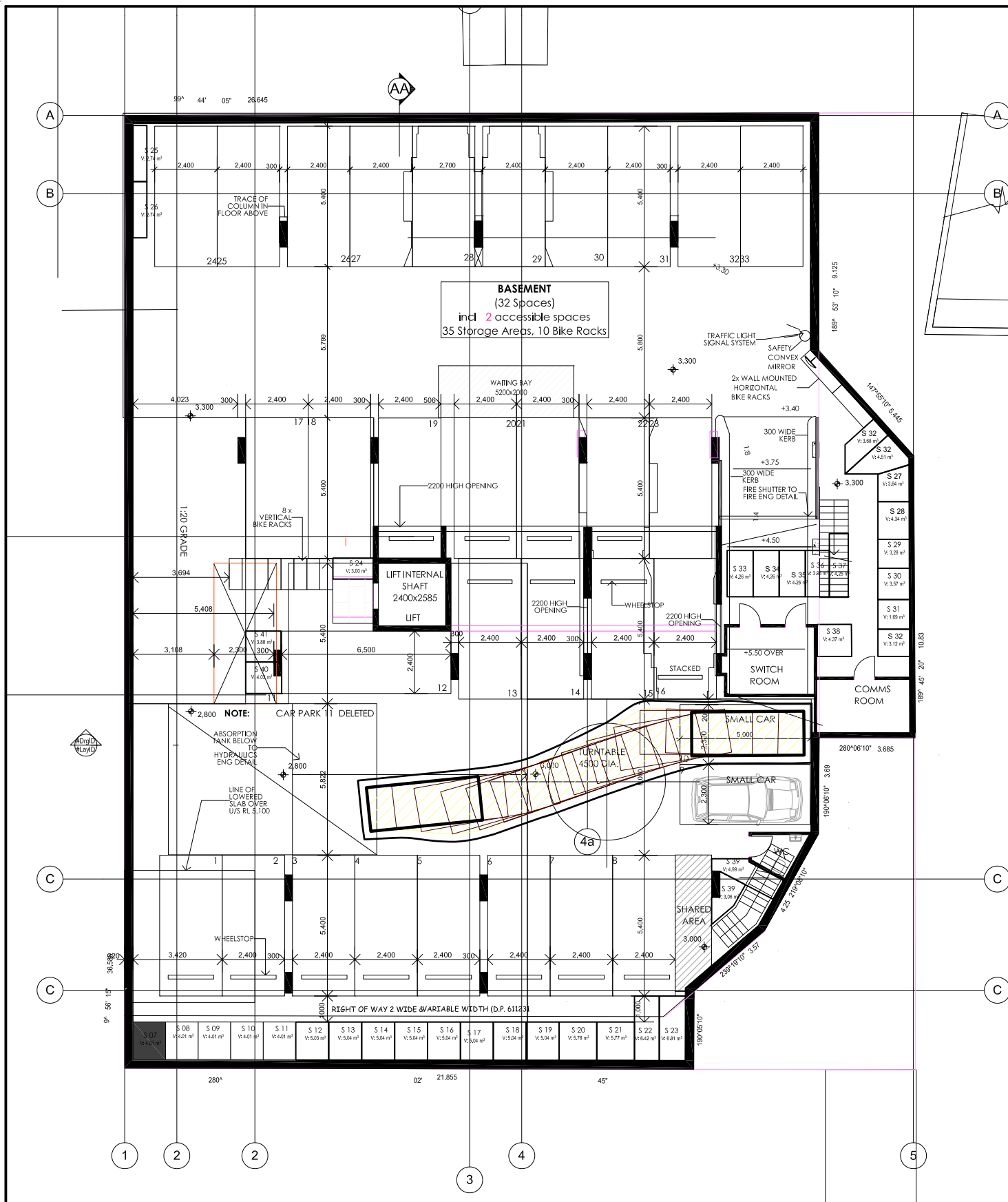


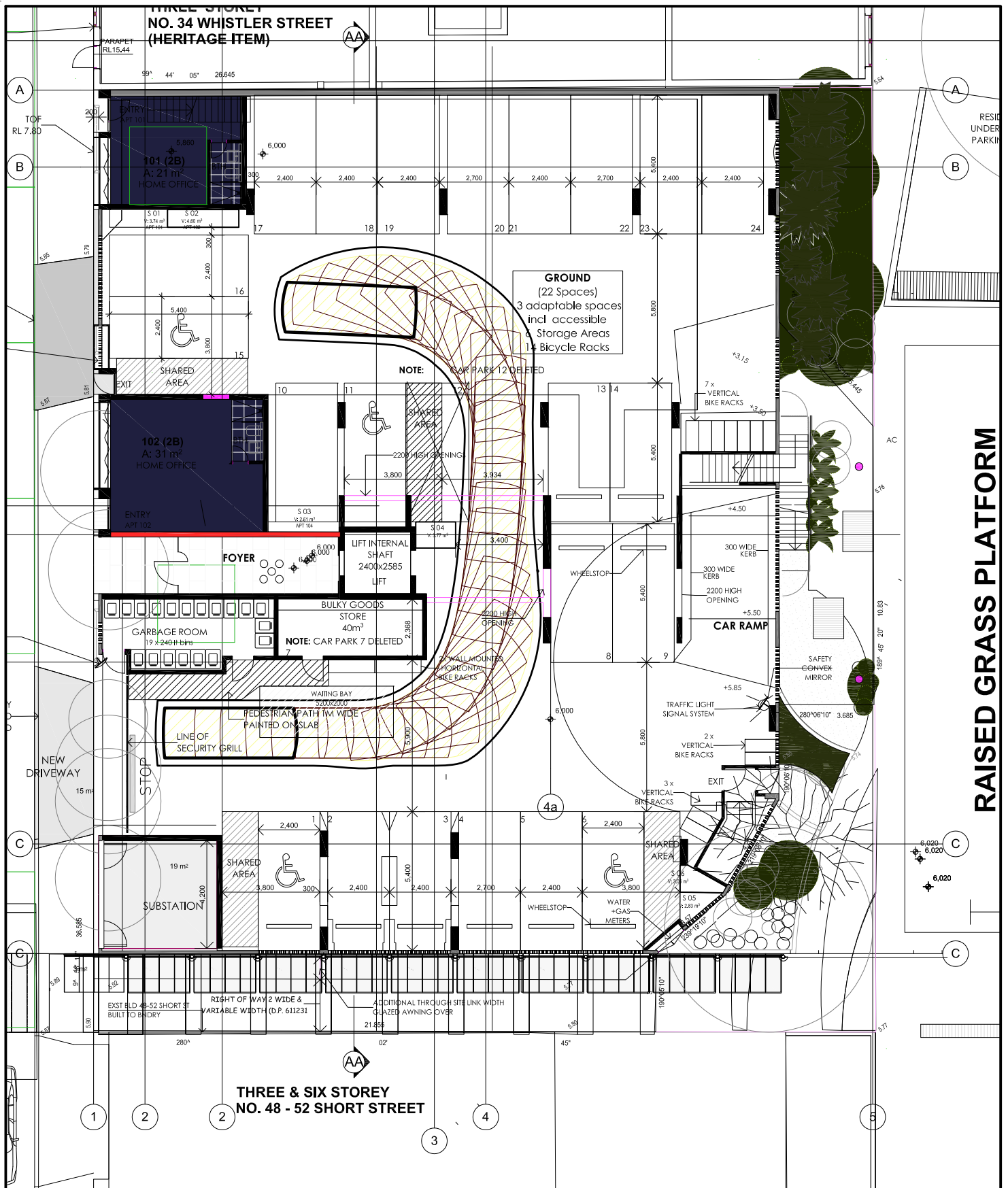
**SWEPT PATH ANALYSIS
OF A 85th PERCENTILE
VEHICLE EXITING THE SITE**

SP 8









RAISED GRASS PLATFORM

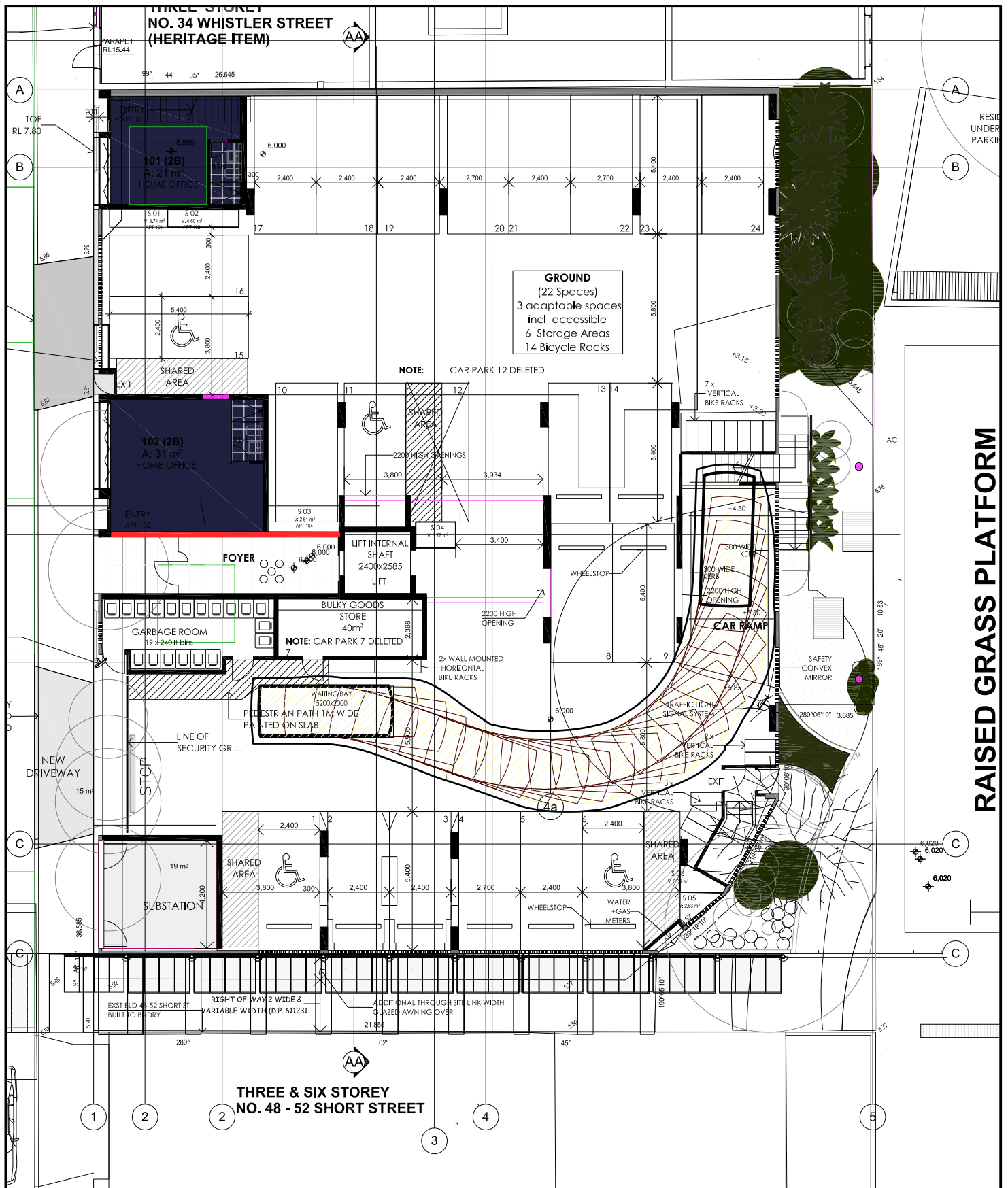
LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2013. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS
OF A 99th PERCENTILE
VEHICLE ENTERING THE
GROUND LEVEL**

SP 17



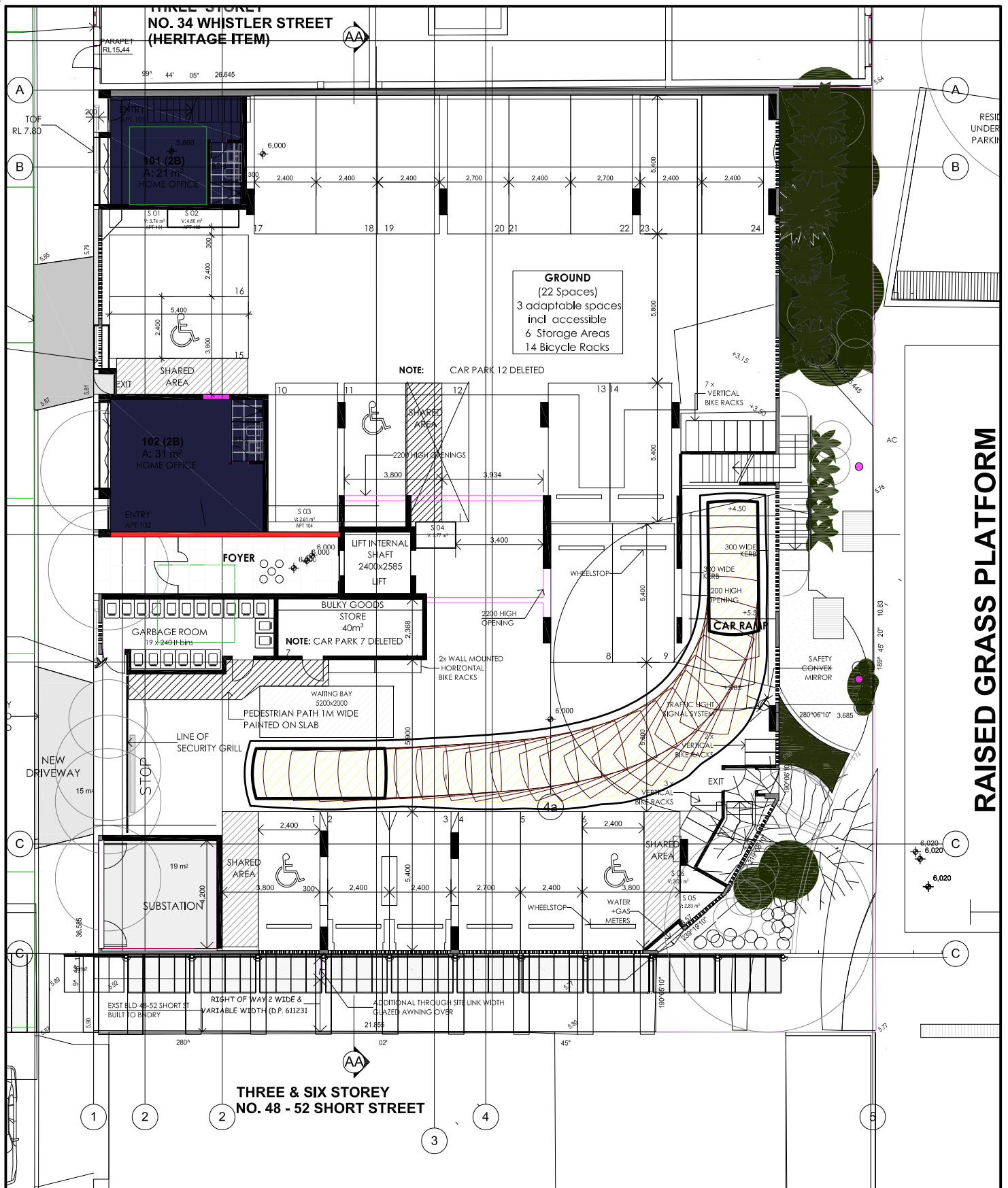
LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2013. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS
OF A 99th PERCENTILE
VEHICLE ENTERING THE
BASEMENT LEVEL**

SP 19



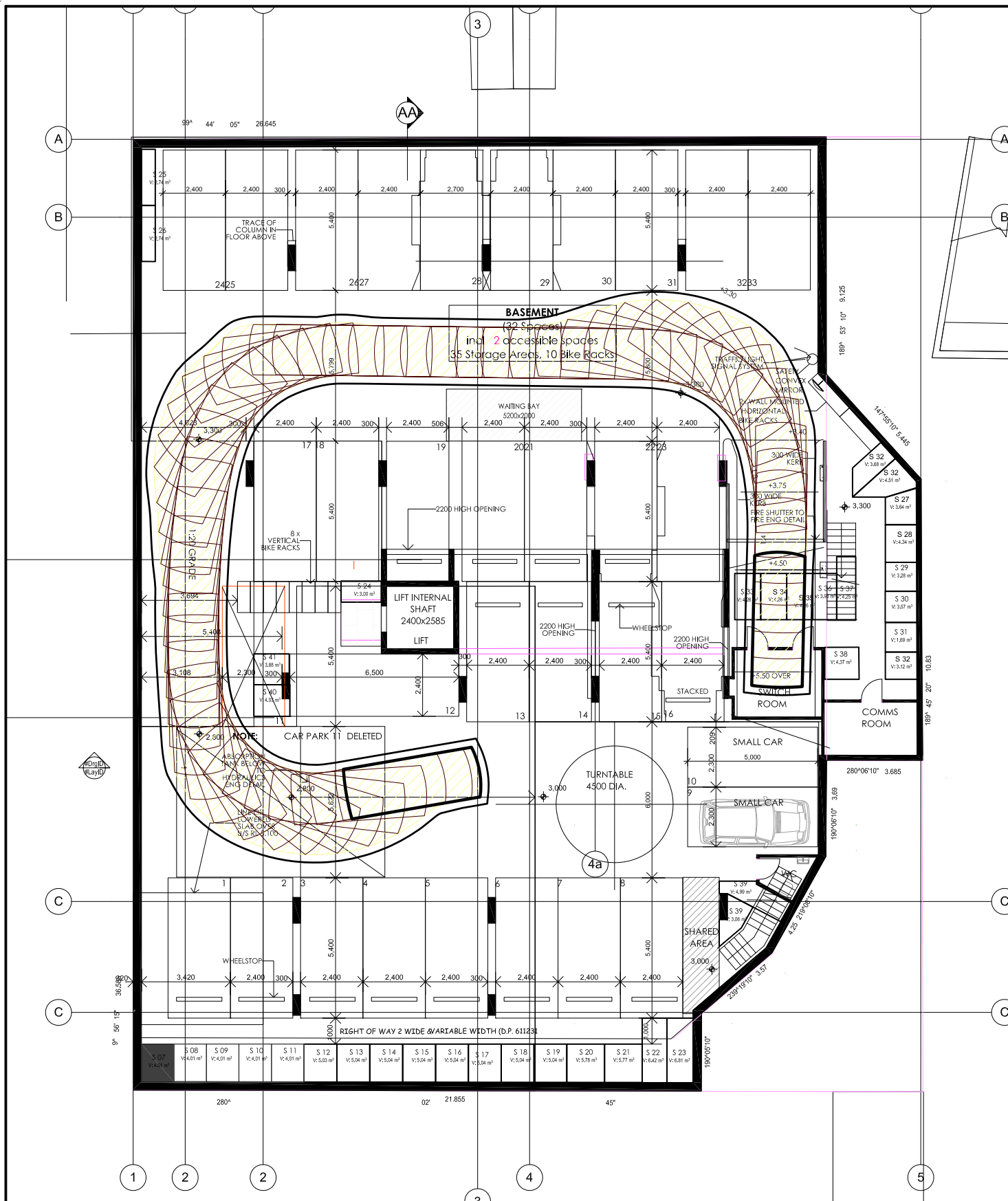
LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2013. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS
OF A 99th PERCENTILE
VEHICLE EXITING THE
GROUND LEVEL**

SP 20



LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2013. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



SWEPT PATH ANALYSIS OF A 99th PERCENTILE VEHICLE ENTERING THE BASEMENT LEVEL

SP 21

