



Ref: 0505r02v02

22/04/2022

Conomos Legal  
William Bland Building  
Suite 8, Level 6  
229-231 Macquarie Street  
Sydney NSW 2000

Attention: Vasili Conomos

**RE: 85-87 ANZAC AVENUE, WEST RYDE (LDA 2021/ 0285)  
GHAZI AL ALI ARCHITECT PTY LTD -V- CITY OF RYDE COUNCIL (NSW LEC CASE NO: 2021 / 00298687)  
PARKING DESIGN STATEMENT**

Dear Vasili,

We refer to recent correspondence concerning the abovementioned NSW Land and Environment Court proceedings and the recently held Section 34 Conciliation Conference (Section 34 Conference) on 15/03/2022. Following the Section 34 Conference, further amendments to the drawings have been undertaken including modifications to the basement layout to address the contentions within the Statement of Facts and Contentions (SOFC) issued by City of Ryde Council (Council) filed 11/11/2021.

This Statement provides an updated parking assessment of the amended development with our findings discussed herein.

### AMENDED DEVELOPMENT

The amended development now comprises of the following:

- 66 boarding rooms including one (1) manager's room.
- Two (2) levels of basement car parking providing:
  - 34 car spaces.
  - 14 motorcycle spaces.
  - 14 bicycle spaces.
  - One (1) service bay to accommodate a 6.4-metre-long private waste collection vehicle.
- A 5.5-metre-wide combined entry / exit driveway onto Anzac Avenue.

The parking implications arising from the amended development are discussed below. The relevant Ground Floor and Basement drawings are provided separately.

PDC Consultants

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## PARKING ASSESSMENT

### Car Parking

Clause 29(2)(e) of the SEPP (Affordable Rental Housing (SEPP ARH 2009) outlines the following car parking rates for boarding house developments:

*(2) A consent authority must not refuse consent to development to which this Division applies on any of the following grounds:*

#### **(e) parking**

*if:*

*(i) in the case of development carried out by or on behalf of a social housing provider in an accessible area—at least 0.2 parking spaces are provided for each boarding room, and*

*(ii) in the case of development carried out by or on behalf of a social housing provider not in an accessible area—at least 0.4 parking spaces are provided for each boarding room, and*

*(iia) in the case of development not carried out by or on behalf of a social housing provider—at least 0.5 parking spaces are provided for each boarding room, and*

*(iii) in the case of any development—not more than 1 parking space is provided for each person employed in connection with the development and who is resident on site.*

The application is not being carried out by or on behalf of a social housing provider and accordingly, the parking rates under Clause 29(2)(e)(iia) and Clause 29(2)(e)(iii) of the SEPP ARH 2009 are required to be adopted for the development.

Additionally, the Ryde Development Control Plan 2014 (RDCP 2014) states that boarding house developments are to be assessed against the applicable car parking rates under the SEPP ARH 2009. **Table 1** below shows the car parking requirement for the development based on the applicable car parking rates under the SEPP ARH 2009 and the proposed provision in response.

**Table 1: Car Parking Requirement & Provision**

TYPE	NO.	SEPP PARKING RATE	SEPP REQUIREMENT	PARKING PROVISION
Boarding Room <sup>1</sup>	66	0.5 spaces / room	33	34
Manager	1	Max. 1.0 space / manager	0	
<b>TOTAL</b>			<b>33</b>	<b>34</b>

<sup>1</sup>: Inclusive of the manager's room.

It is evident from **Table 1** that the amended development requires a minimum of 33 car parking spaces under the SEPP ARH 2009. Additionally, it is evident from **Table 1** and specifically, Clause 29 (2)(e)(iii) of the SEPP ARH 2009, that the development is permitted to allocate no more than (i.e. a maximum of) one (1) car parking space for an on-site manager.

In response, the amended development provides a total of 34 car spaces including 33 spaces for residents and one (1) space for the on-site manager. The parking provision and allocation satisfies the minimum requirements of the SEPP ARH 2009 and is therefore considered acceptable.

#### Accessible Car Parking

With reference to Table D3.5 of the Disability (Access to Premises – Buildings) Standards 2010 (Disability Standard 2010), the amended development is required to provide a minimum of three (3) accessible spaces. In response, the amended development provides three (3) accessible spaces and therefore satisfies the minimum requirements of the Disability Standard 2010.

#### Motorcycle Parking

The SEPP ARH 2009 stipulates minimum motorcycle parking rates that are required to be adopted for boarding house developments. **Table 2** below shows the minimum motorcycle parking requirement for the amended development and the proposed provision in response.

**Table 2: Motorcycle Parking Requirement & Provision**

TYPE	NO.	SEPP PARKING RATE	SEPP REQUIREMENT	PARKING PROVISION
Boarding Room	66	0.2 spaces / room	13	14

It is evident from **Table 2** that the amended development is required to provide a minimum of 13 motorcycle spaces under the SEPP ARH 2009. In response, the amended development provides a total of 14 motorcycle spaces, thereby satisfying the minimum requirements of the SEPP ARH 2009. The proposed motorcycle parking provision is therefore considered acceptable.

#### Bicycle Parking

The SEPP ARH 2009 stipulates minimum bicycle parking rates that are required to be adopted for boarding house developments. **Table 2** below shows the minimum bicycle parking requirement for the amended development and the proposed provision in response.

**Table 3: Bicycle Parking Requirement & Provision**

TYPE	NO.	SEPP PARKING RATE	SEPP REQUIREMENT	PARKING PROVISION
Boarding Room	66	0.2 spaces / room	13	14

It is evident from **Table 2** that the amended development is required to provide a minimum of 13 bicycle spaces under the SEPP ARH 2009. In response, the amended development provides a total of 14 bicycle spaces, thereby satisfying the minimum requirements of the SEPP ARH 2009. The proposed bicycle parking provision is therefore considered acceptable.

### Service Vehicle Parking & Waste Collection

The amended development provides one (1) on-site service bay on Basement 01 to facilitate on-site waste collection and will accommodate a 6.4-metre-long private waste truck with a reduced head clearance of 2.2 metres. The typical specifications for a private waste truck are included as **Attachment 1** for reference.

Having regard for the above, waste collection of the development will be undertaken by a private waste contractor within Basement 01, thereby eliminating any parking impacts along Anzac Avenue. Waste trucks will enter the site in a forward direction and manoeuvre into the service bay. Waste will then be transferred and collected from the Basement 01 bin room. Once all bins have been emptied, the waste truck will be able to exit the site in a forward direction.

Swept path analysis has been undertaken showing the required circulation movements of the private waste truck. The results, included as **Attachment 2**, show satisfactory vehicle movements and more importantly, that the private waste truck will be able to enter and exit the site in a forward direction.

## DESIGN ASPECTS

### Vehicle Access Arrangements

- With 34 car parking spaces of User Class 1A, the proposed development requires a Category 1 Driveway under Table 3.1 of AS 2890.1, being a combined entry / exit driveway of width 3.0 metres to 5.5 metres. In response, the development proposes a combined entry / exit driveway of width 5.5 metres onto Anzac Avenue, and therefore satisfies the requirements of AS 2890.1.
- The proposed arrangements have also been assessed using swept path analysis which confirms compliance with AS 2890.1, and that the proposed access arrangements will operate safely and efficiently. The results of this analysis are included in **Attachment 2** for reference. The proposed design of the access is therefore considered acceptable and complies with the relevant requirements of AS 2890.1.
- A 2.5 metre by 2.0 metre visual splay is provided on the egress side of the driveway, at the property boundary, in accordance with Figure 3.3 of AS 2890.1.

### Ramps

- To address flooding concerns, the driveway will incorporate a crest with the following arrangements:
  - An up-grade of 12.5% (1 in 8) for the first 3.52 metres into the site; then
  - A flat (0%) section for 2.0 metres; and
  - A down-grade of 12.5% (1 in 8) for 2.0 metres.

The above crest arrangements satisfy the requirements of Clause 3.3 of AS 2890.1.

- The vehicular access has a width of 5.5 metres between kerbs for the first 6.0 metres inside the property boundary and will narrow to 3.5 metres internally. The driveway ramp will therefore accommodate one-lane, two-way traffic flow, as demonstrated by the swept path analysis results included in **Attachment 2**. This arrangement complies with AS 2890.1 and is considered acceptable given the low traffic generation and tidal nature, with most vehicles departing the site in the morning and arriving at the site in the evening.
- The Ground Floor – Basement 01 ramp has a maximum grade of 20% (1 in 5) with a top transition of 12.5% (1 in 8) and a bottom transition of 10% (1 in 10), thereby satisfying Clause 2.5.3 of AS 2890.1 and Clause 3.3.3.3 of AS 2890.2.



- The Basement 01 - Basement 02 circulation ramp has a maximum grade of 25% (1 in 4), with top and bottom transitions of 12.5% (1 in 8), thereby satisfying Clause 2.5.3 of AS 2890.1.
- The proposed internal arrangements have also been assessed using swept path analysis which confirms compliance with AS 2890.1, and that the proposed internal arrangements will operate safely and efficiently. The results of the swept path analysis are included in **Attachment 2** for reference.

#### Parking Layouts

- All car parking spaces are provided in accordance with the User Class 1A requirements of AS 2890.1, having a minimum space width of 2.4 metres and length of 5.4 metres, with an aisle width of 5.8 metres.
- All accessible car parking spaces are provided with a minimum space width of 2.4 metres and length of 5.4 metres, with a minimum aisle width of 5.8 metres. Additionally, these spaces are located immediately adjacent to a 2.4-metre-wide and 5.4-metre-long shared area, thereby satisfying the requirements of AS 2890.6.
- All walls and columns are located outside of the space design envelope, as required under Figure 5.2 of AS 2890.1.
- All bicycle parking spaces are provided as Security Level B facilities, in accordance with AS 2890.3.
- All motorcycle spaces are provided in accordance with Clause 2.4.7 of AS 2890.1.
- All car parking spaces will be allocated to particular on-site residents and accordingly, there would never be an instance when a resident would enter the car park and not be able to park within their designated parking space.

#### Head Heights

- A minimum clear head height of 2.2 metres is required above all traffic circulation and car parking areas in accordance with Clause 5.3.1 of AS 2890.1.
- A minimum clear head height of 2.5 metres is required above the accessible car parking space and shared areas, in accordance with Clause 2.4 of AS 2890.6.

In summary, the internal parking arrangements have been designed in accordance with AS 2890.1, AS 2890.3 and AS 2890.6. Any minor amendments considered necessary (if any) can be dealt with prior to the release of a Construction Certificate.

#### **SUMMARY**

In summary, the traffic and parking impacts of the development are considered acceptable, and the parking layout complies with the relevant requirements of AS 2890. The development is therefore supportable on traffic planning grounds.



Please contact the undersigned should you have any queries or require anything further.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'P. Corbett', with a long horizontal flourish extending to the right.

**Paul Corbett**

Director, PDC Consultants

Email: [pcorbett@pdcconsultants.com.au](mailto:pcorbett@pdcconsultants.com.au)

*Attachments:*

- 1) Private Waste Truck Specification Sheet*
- 2) Swept Path Drawings*



## Attachment 1

# HINO

## 3000 Series

616 IFS Auto  
616 IFS Hybrid  
616 IFS Manual



\* Illustration may contain items not standard to the model

**ADR 80/03 Model**  
**STD Cab 4 x 2 Cab Chassis**

## KEY FEATURES

Manual Transmission  
Fully Automatic Transmission Options  
Hybrid ProShift Transmission Options  
Dual SRS Airbags  
Ventilated Disc Brakes Front & Rear  
Anti-lock Brake System (ABS)  
Vehicle Stability Control (VSC)  
ADR 80/03 Emission using Euro 5  
Also meets EEV emission levels

## KEY SPECIFICATIONS

**GVM.** . . . . . 4,495kg, optional 5,500kg  
**GCM.** . . . . . 7,300kg, optional 9,000kg  
**Power.** . . . . . 110kW (150 HP)  
**Torque.** . . . . . 420Nm  
**Wheelbases** . . . . . 2,525mm, 2,800mm, 3,400mm  
**Max Nominal**  
**Body Length** . . . . . 3,460mm, 3,900mm, 4,860mm

A Toyota Group Company

**HINO**  
A BETTER CLASS OF TRUCK



# 616 IFS Auto 616 IFS Hybrid 616 IFS Manual

## Engine & Driveline specifications

### DIESEL ENGINE

	616 IFS Auto & Manual	616 IFS Hybrid
Engine transmission combination	N04C US	N04C UR
Engine model	110kW/150 HP	420Nm/42.8 kgf/m
Max output (ISO Net) @ 2,500 RPM	3,100 RPM	
Max torque (ISO Net) @ 1,400 RPM	Diesel, four cycle, four-cylinder in line, overhead valve, water cooled	
Maximum engine speed	Direct injection type	
Type	104 x 118mm	
Combustion system	4,009 litres	
Bore & stroke	Electronic control, common rail type	
Piston displacement	Turbo-intercooled, stack-type air intake	
Fuel injection system	Paper element	
Air intake system	Equipped	
Air cleaner	Catalytic Converter with Diesel Particulate Active Reduction System (DPR)	
Fan clutch	Horizontal	
Exhaust system	EGR & DPR meeting ADR 80/03 using Euro 5	
Exhaust outlet	Also meets EEV emission levels	
Emission control system		

### HYBRID DRIVE SYSTEM

Motor type	AC Synchronous motor
Rated voltage	300V
Max output	36kW
Max torque	333Nm
Idle stop	Equipped
Battery type	Nickel-metal hydride
Battery capacity	288V/6.5Ah

### CLUTCH

	Hybrid	Manual
Clutch type	Dry single plate, diaphragm type with damper springs	
Facing outside diameter	300mm	325mm
Facing lining area	423 x 2cm <sup>2</sup>	483 x 2cm <sup>2</sup>
Control	Electronic with transmission	Hydraulic with vacuum booster

### TRANSMISSION

	616 IFS Auto	616 IFS Hybrid	616 IFS Manual
Model	A860E	M550 ProShift 5	M550
Description	Full Automatic	Automated Manual	Manual
Number of forward gears	6	5	5
Type	Double Overdrive	Single Overdrive	Single Overdrive

### BRAKES

Service brakes	Hydraulic system with ventilated disc brakes front and rear
Control	Vacuum servo with hydraulic assist & dual circuits
Front disc diameter	296mm
Rear disc diameter	281mm
Anti-lock system (ABS)	Equipped
Vehicle Stability Control (VSC)	Equipped
Traction Control (TRC)	Equipped
Easy Start system (ES)	Equipped (except auto)
Exhaust brake	Electric-vacuum actuator with valve in exhaust pipe
Park brake	Drum on the rear of transmission

### PERFORMANCE & GEAR RATIOS

Models	616 IFS Auto	616 IFS Hybrid	616 IFS Manual
Engine RPM @ 100km/h	2,250	2,420	2,600
Maximum speed (km/h)	139	128	120
Gradeability tan $\theta$ % @ GVM	60	48.4	52.7
Final drive ratio	4.625:1	4.333:1	4.625:1
Transmission Gear Ratios	1st 3.743	4.981	4.981
	2nd 2.003	2.911	2.911
	3rd 1.343	1.556	1.556
	4th 1.000	1.000	1.000
	5th 0.773	0.738	0.738
	6th 0.634		
	Rev 3.697	4.625	4.625
Torque converter ratio	1.95:1		

### AXLE, SUSPENSION & LOAD LIMITS

	Front Axle Model & Type	Independent Front Suspension
FRONT Suspension		Coil
Spring Rate		9.9kgf/mm
Axle Limit (including suspension) (kg)		2,600
Tyre Limit (kg)		2,180
	Rear Axle Model & Type	SH12, fully floating, single reduction, single speed by Hypoid gears
Suspension		Main & Aux Tapered leaf with shock absorber & stabiliser
REAR Spring		Main Auxiliary
Dimensions (L & W)	1,300 x 70mm	900 x 70mm
Spring Rates	18kgf/mm	26kgf/mm
Number of Leafs	2	2
Axle Limit (including suspension) (kg)		4,400
Tyre Limit (kg)		4,120

### WHEEL & TYRES

Wheel type	5-stud disc wheel
Wheel & rim size	185/85R16 111/109 & 16x5.5K-113mm
Number of tyres	Seven including spare
Spare tyre carrier	Equipped

### ELECTRICAL (CAB & CHASSIS)

Type	24 volt, negative earth
Batteries	12V x 2, series connected
Charging (80 amp)	Alternator with built in rectifier (Auto & Manual)
	Supplied by Hybrid System (Hybrid)
Starter	24V, 4.5kW starter motor (Auto & Manual)
	Supplied by Hybrid System (Hybrid)

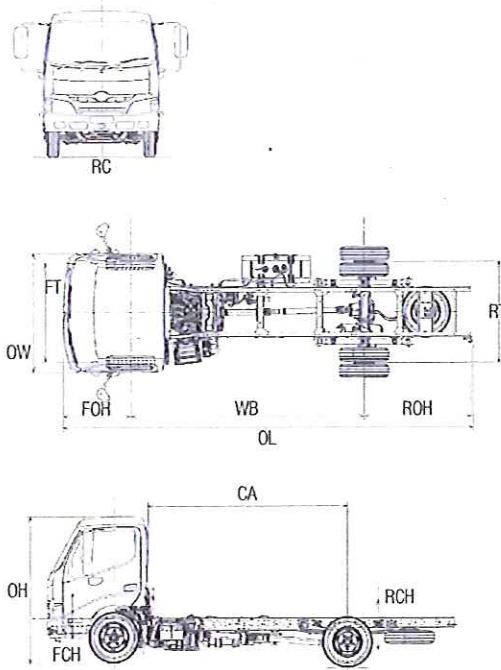




# 616 IFS Auto 616 IFS Hybrid 616 IFS Manual

**300 Series**

## Dimensions



### DIMENSIONS – mm / Capacities

Models 300	616 IFS Auto		616 IFS Hybrid		616 IFS Manual	
	Short	Medium	Short	Medium	Short	Medium
Product Code	XZU605R-HKTMSQ3	XZU655R-HKTMSQ3	XXU645R-HKUMSQ3	XXU655R-HKUMSQ3	XZU605R-HKUMSQ3	XZU655R-HKUMSQ3
Nominal Body Length (WBx.6)+CA-80)	3,460	4,860	3,900	4,860	3,460	4,860
Wheelbase (WB)	2,525	3,400	2,800	3,400	2,525	3,400
Overall Length (OL)	4,710	5,965	5,185	5,965	4,710	5,965
Overall Width (OW) (rear tyre)	1,845	1,845	1,845	1,845	1,845	1,845
Overall Height (OH)	2,095	2,095	2,090	2,085	2,100	2,095
Cab to Rear Axle Centre (CA)	2,025	2,900	2,300	2,900	2,025	2,900
Front Overhang (FOH)	980	980	980	980	980	980
Rear Overhang (ROH)	1,135	1,555	1,375	1,555	1,135	1,555
Front Chassis Height (FCH)	655	655	655	655	655	655
Rear Chassis Height (RCH)	695	695	695	695	695	695
Road Clearance (RC)	170	170	170	170	170	170
Front Track (FT)	1,400	1,400	1,400	1,400	1,400	1,400
Rear Track (RT)	1,435	1,435	1,435	1,435	1,435	1,435
Turning Circle Kerb to Kerb	9,600	12,400	10,400	12,400	9,600	12,400
Wall to Wall	11,000	13,800	11,800	13,800	11,000	13,800
Locking Fuel Tank Capacity (Lts)	80	100	70	100	80	100
Indicative chassis mass – kg (standard tools, 10 litres of fuel, spare tyre and subject to a +/- 3% tolerance)						
Total	2,015	2,075	2,180	2,235	1,970	2,025
Front	1,395	1,440	1,490	1,530	1,365	1,410
Rear	620	630	690	705	605	615
GVM STD	4,495	4,495	4,495	4,495	4,495	4,495
GVM Opt	5,500	5,500	5,500	5,500	5,500	5,500
GCM STD	7,300	7,300	7,995	7,995	7,995	7,995
GCM Opt	7,300	7,300	9,000	9,000	9,000	9,000

Drawings are for reference only to the table. For specific chassis layouts please refer to Body Mounting Manual drawings.

### WARRANTY

#### New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation	Hybrid Nickel metal Hydride Battery (whichever comes first)
300 616 IFS	4 x 2	3 years or 100,000km	36 months	5 years or 160,000km

Battery warranty – 12 months from date of delivery

\* For conditions, refer to the Hino Parts & Service warranty brochure

Genuine parts or accessories warranty – 3 years unlimited kilometres when fitted by an authorised Hino dealer \*



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HS300616IFS-12/14

A Toyota Group Company





# 616 IFS Auto 616 IFS Hybrid 616 IFS Manual

## Cab equipment & Instrumentation

### CHASSIS FRAME

	Auto & Hybrid	Manual
Wheelbase	Ladder-shaped channel section side rails	
Type	700mm	
Chassis width at rear	700mm	
Main section in mm (depth x flange x thickness)	177.8 x 60 x 4.9mm	180.0 x 65 x 6.0mm
Tensile strength	440N/mm <sup>2</sup>	
Tow hook (front & rear)	Equipped	
Front bumper	Painted in cab colour	

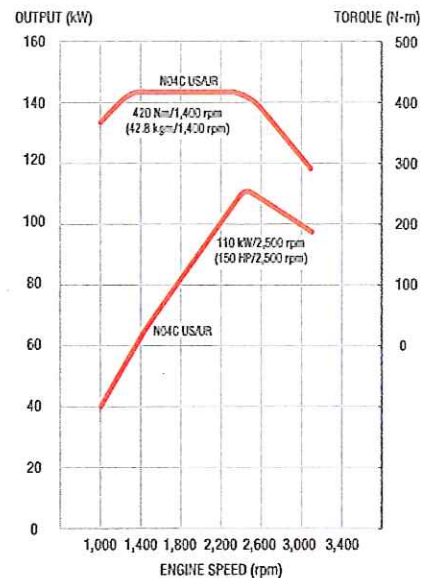
### CAB EXTERIOR

Type . . . . .	Forward control, all steel welded construction, torsion-bar tilt mechanism, fully trimmed
Windscreen wipers . . . . .	Electric, dual wipers, intermittent and 2-speed
Outside rear mirrors . . . . .	Remote control & heated
Radiator grille . . . . .	Painted same colour as cabin
Headlamp . . . . .	HID with washer & fog lamp (Hybrid) Halogen & fog lamp (Auto & Manual)

### CAB INTERIOR

Steering . . . . .	Telescopic tilt column with integral power steering
Windscreen glass . . . . .	Laminated glass
Seating capacity . . . . .	Three
Driver's seat . . . . .	2-way adjustable, urethane foam pads, high-back, lumbar support
Assistant's seat . . . . .	Fixed bench, urethane foam pads, high-back seat
Seat cover . . . . .	Fabric cover
<b>Seat belts</b>	
Driver's seat . . . . .	3-point type with ELR and pre-tensioner
Assistant's seat . . . . .	3-point type with ELR and pre-tensioner
Centre passenger's seat . . . . .	2-point type
Sun visors . . . . .	For driver and passenger
Ventilator . . . . .	Forced type by electric blower
Inside rear mirror . . . . .	One, flat type
Cigarette lighter (24 volt) . . . . .	Equipped
Audio . . . . .	DAB+AM/FM radio with CD&DVD player & Bluetooth
Heater and defroster . . . . .	Equipped
Air conditioner . . . . .	Equipped
Remote door locking . . . . .	Equipped
Immobiliser . . . . .	Equipped
Power windows . . . . .	Equipped
SRS airbag . . . . .	Equipped for driver and left side passenger
Seat back console . . . . .	Equipped (centre)
Overhead consoles . . . . .	For driver and assistant
Cup holder . . . . .	Equipped

### POWER & TORQUE CHART (ISO Net) N04C US/UR



### INSTRUMENTS

<b>1. Meters and gauges</b>	AMT system lamp (hybrid only)
km-kg system	
Engine tachometer	<b>3. Switches</b>
Hybrid battery status (hybrid only)	Lighting switch
<b>2. Warning, pilot lamps and buzzers</b>	Wiper and washer switch
Turning signal & hazard indicator lamp	Exhaust brake switch
Exhaust brake indicator lamp	Easy Start switch (except auto)
Engine oil pressure warning lamp	Easy Start release timing adjuster switch (except auto)
Battery charge warning lamp	Traction Control OFF
High beam indicator lamp	<b>4. Multi Information Display</b>
Parking brake indicator lamp	Fuel gauge
Engine malfunction indicator lamp	Coolant temperature gauge
Fuel level warning lamp	DPR accumulation gauge
Fuel filter water accumulating level warning lamp	Odometer
Brake fluid level warning lamp	2 trip meters
Back-up warning buzzer	Fuel consumption
Cab-tilt warning lamp	- Current
ABS system failure warning lamp	- Average
SRS airbag system failure warning lamp	<b>5. Others</b>
Easy Start indicator lamp (except auto)	One-key starting-stopping
Hybrid system lamp (hybrid only)	Horn button
	Remote door locking

### STEERING

Type . . . . .	Telescopic and tilt steering column with locking device. Rack & pinion with integral power steering.
Steering angle . . . . .	Inside: 39°      Outside: 29°

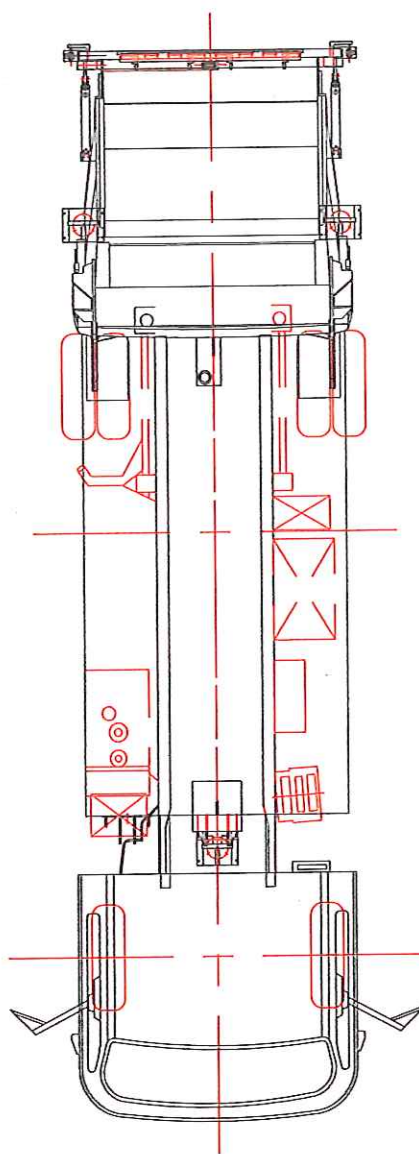
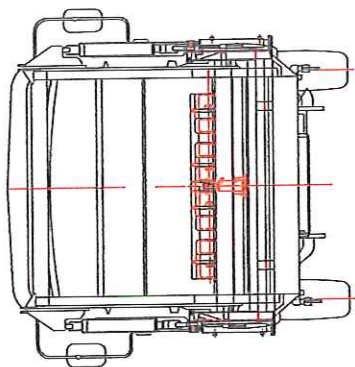
### GENUINE ACCESSORY OPTIONS

Bull bar	LED driving lights
Chrome wheel covers	Stoneguard
GPS sat nav	Sunvisor
Rear vision camera (up to 3)	
Please check with your dealer for price, availability & fitment for these options	

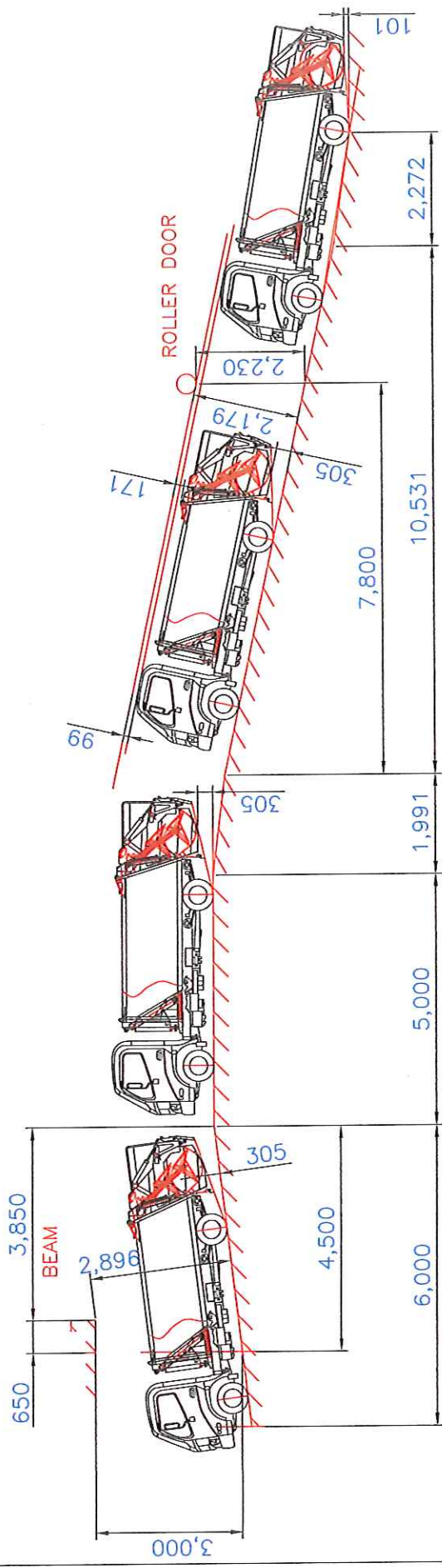








DATE: JUL-07-2011



1 IN 8 SLOP

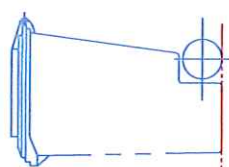
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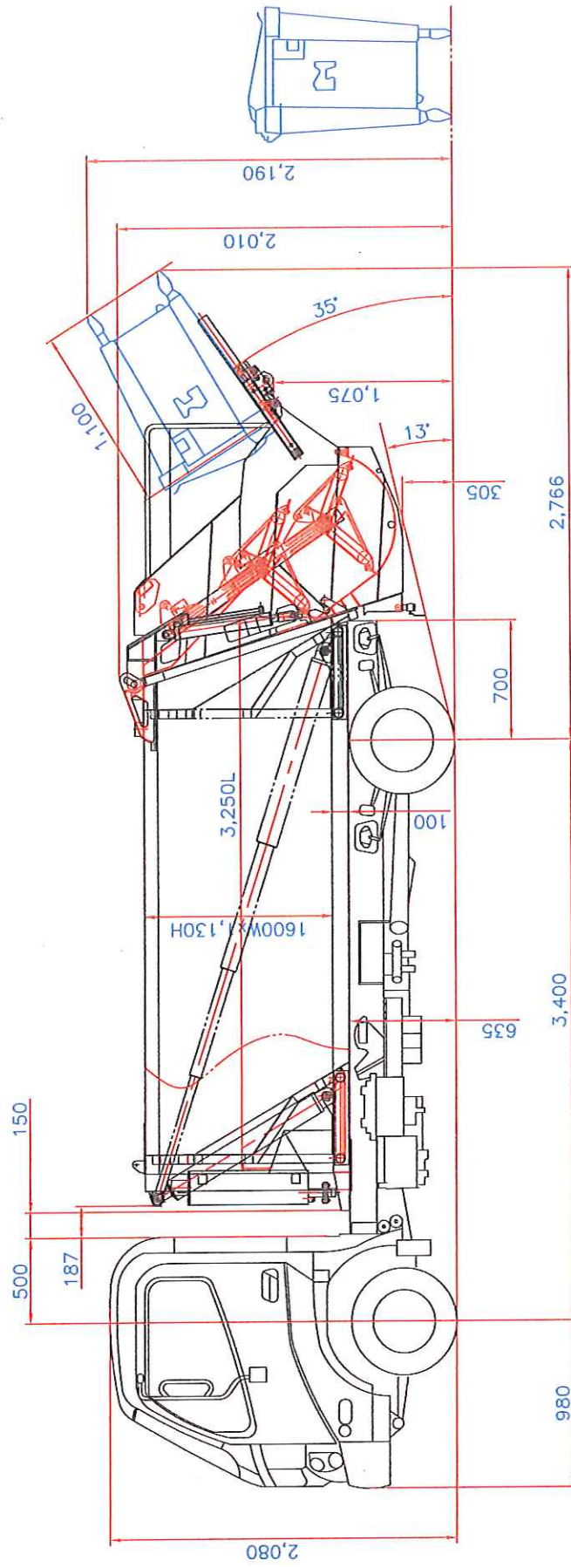
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1 IN 6.7 SLOP

GARWOOD INTERNATIONAL PTY.LTD	
B HINO 300 614 3400WB 5m <sup>3</sup>	
	DATE: MAY-30-2011



DATE: JUN-30-2011



GARWOOD INTERNATIONAL PTY.LTD

B HINO 300 614 3400WB 5M<sup>3</sup>

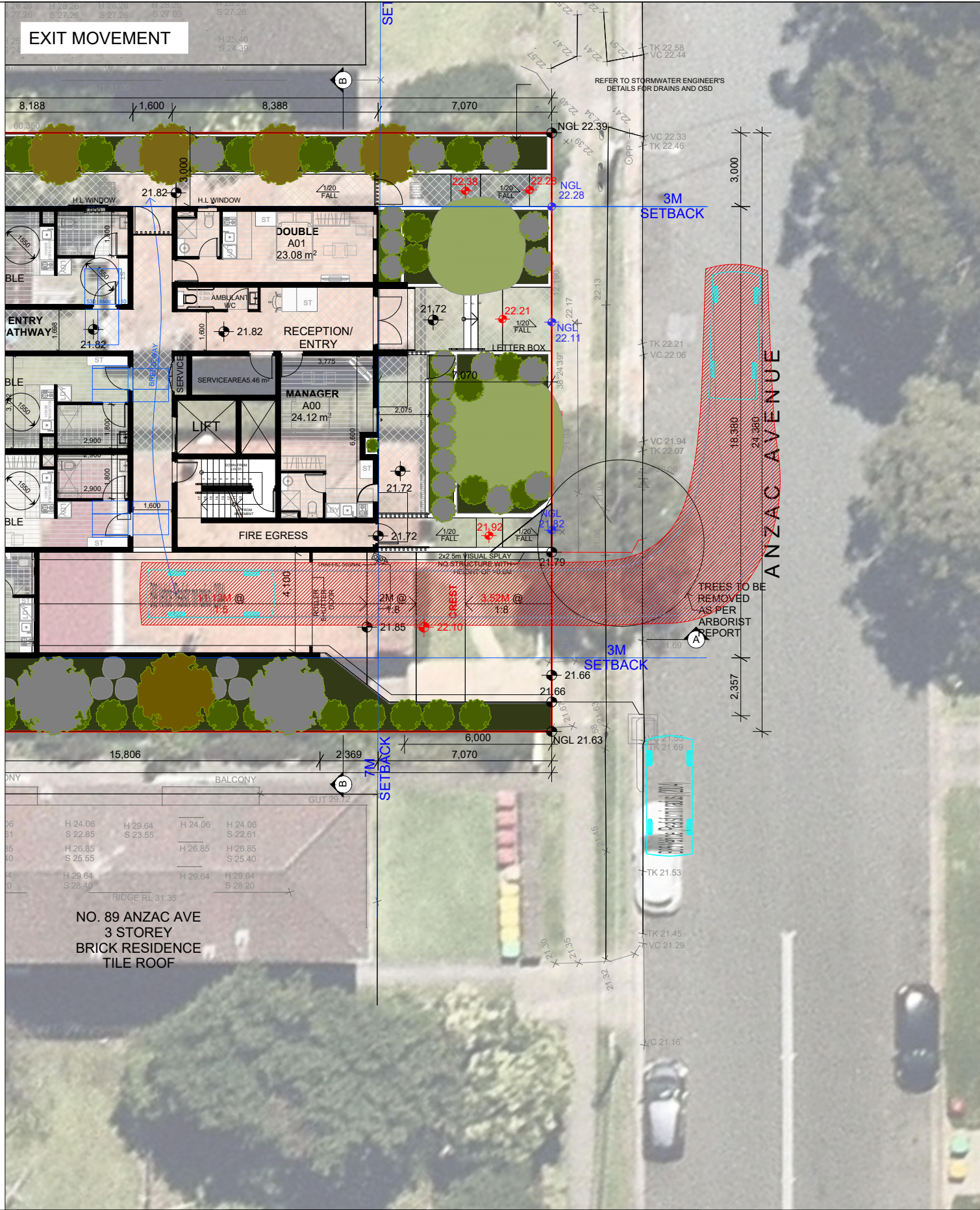
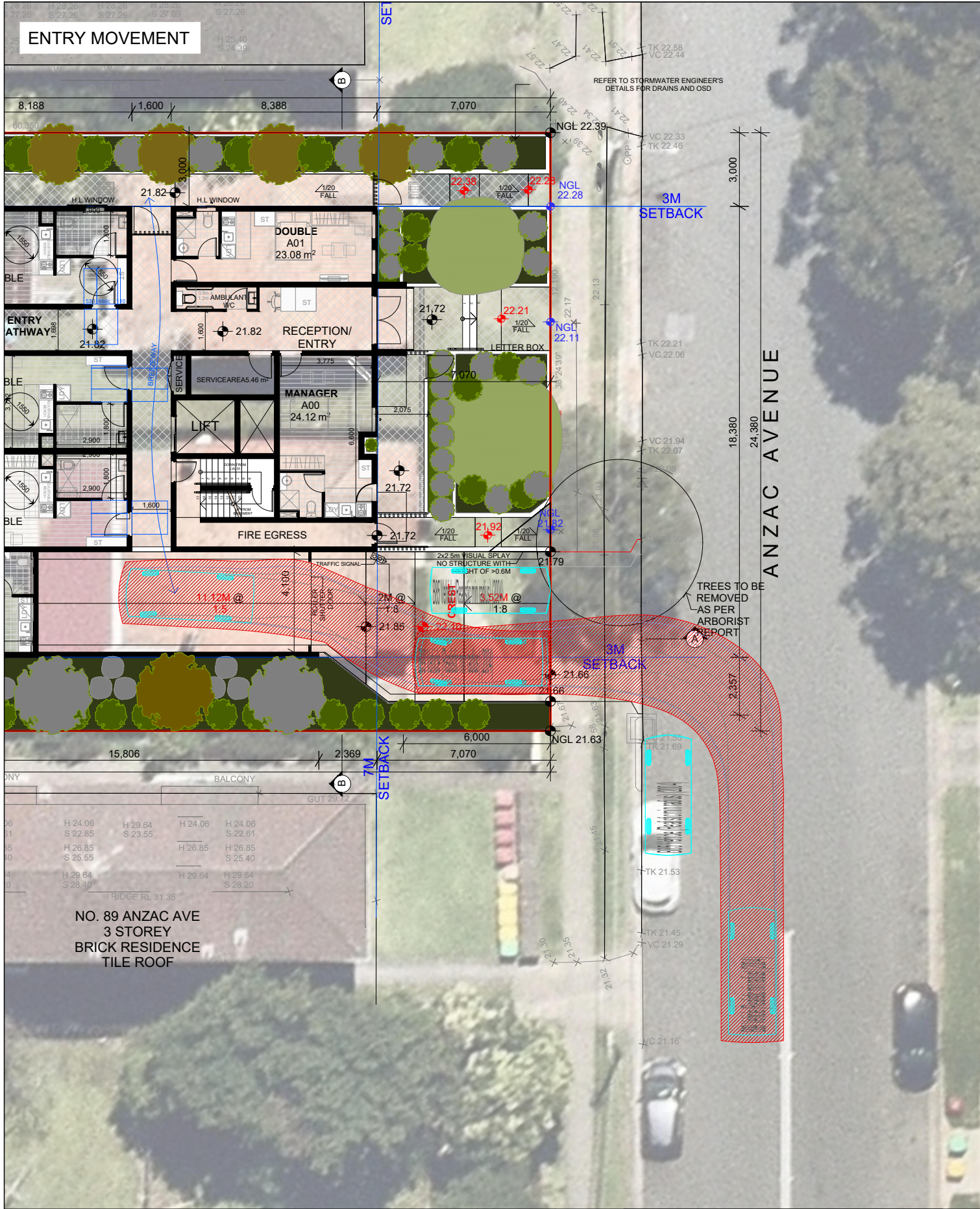
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## Attachment 2

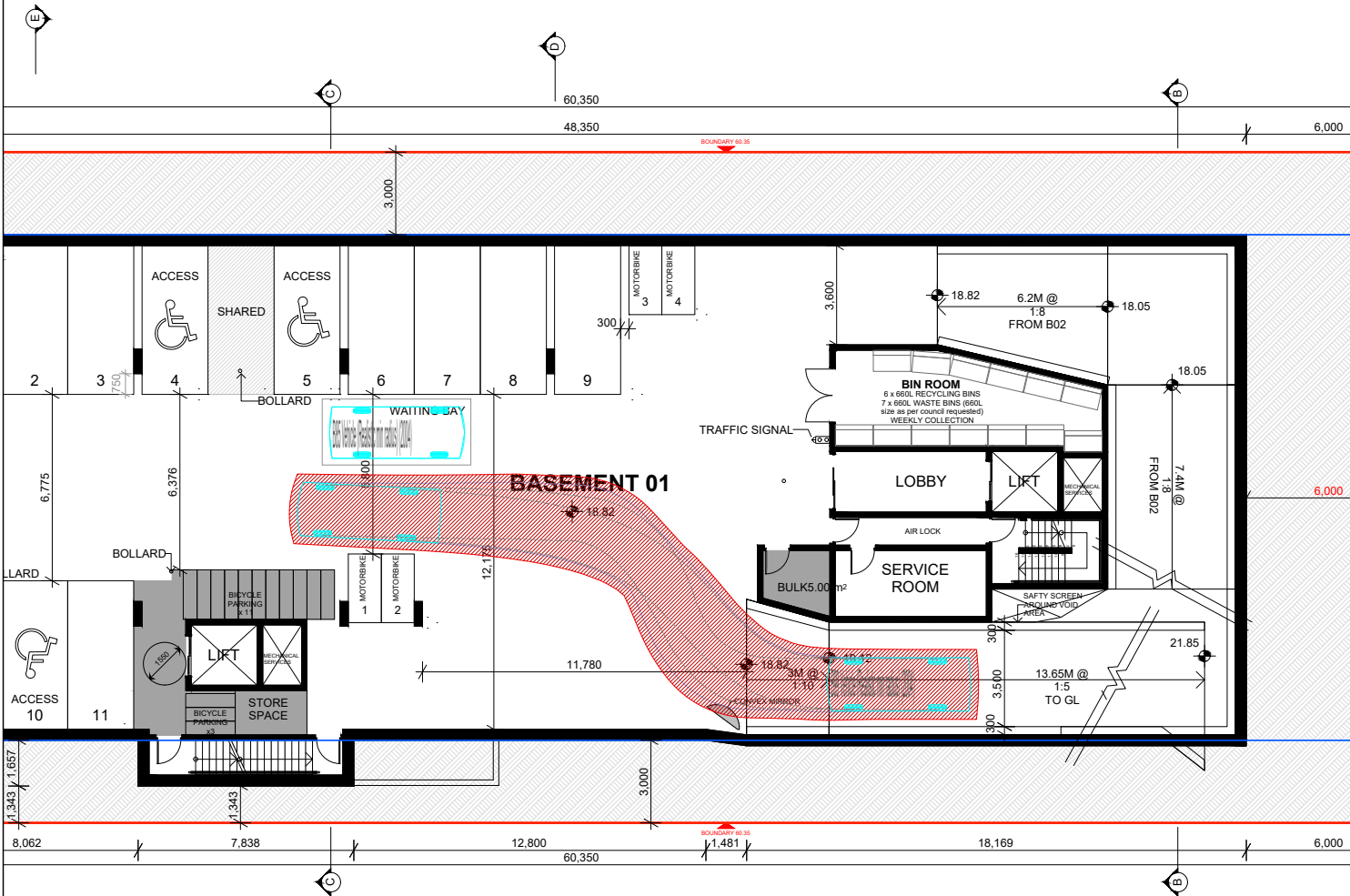




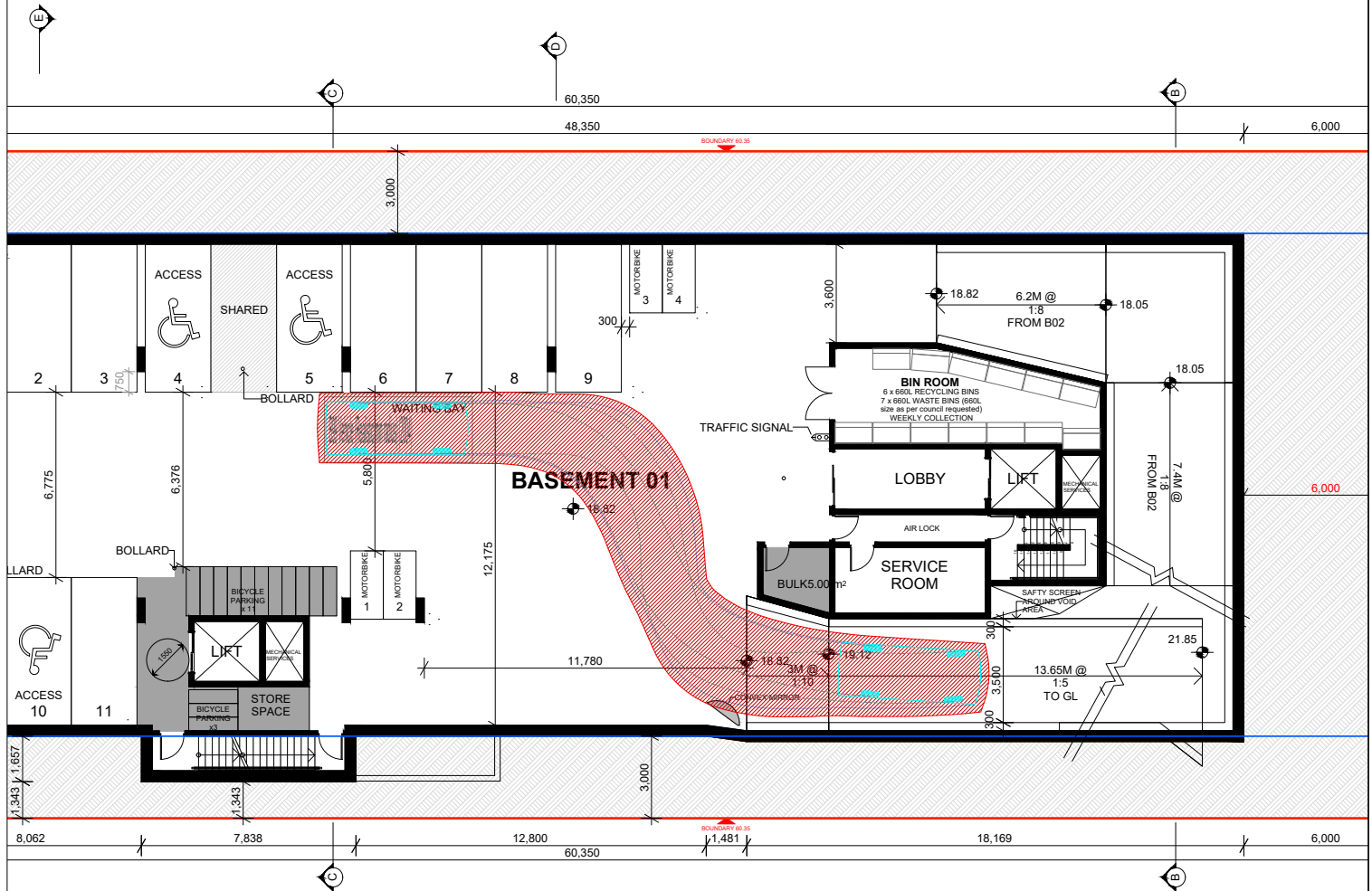
No.	Date	Description	Swept Path Key	North	Drawing Prepared By	Architect	Project	Drawing Title	Drawing No.	Revision No.
			<div><div>-----</div>Vehicle Wheel Path</div> <div><div>-----</div>Vehicle Body Envelope</div> <div><div>-----</div>300mm Vehicle Clearance</div>		<div><div></div><div><div>PDC Consultants</div><div>Level 14, 100 William Street</div><div>Woollloomooloo NSW 2011</div><div>t: +61 2 7900 6514</div><div>w: <a href="http://www.pdcconsultants.com.au">www.pdcconsultants.com.au</a></div><div>ABN: 70 615 064 670</div></div></div>	<div>Ghazi Al Ali Architect</div> <div>The Carton Factory</div> <div>Suite 21, 47-55 John St, Leichhardt</div>	<div>85-87 Anzac Avenue</div> <div>West Ryde</div>	<div>Ground Floor</div> <div>B99 Design Vehicle Swept Path Analysis</div> <div>Site Entry and Exit Movements</div>	<div>001</div>	<div>-</div>
						<div>Client</div> <div>Crossing Pacific Pty Ltd</div>	<div>Project No</div> <div>0505</div>	<div>Sheet Status</div> <div>NOT FOR CONSTRUCTION</div>	<div>Drawn By</div> <div>JB</div>	<div>Date</div> <div>21/04/2022</div>
									<div>Scale</div> <div>1:200 @ A3</div> <div><div>0m</div><div>2</div><div>4</div><div>6</div><div>8</div></div>	



ENTRY MOVEMENT



EXIT MOVEMENT



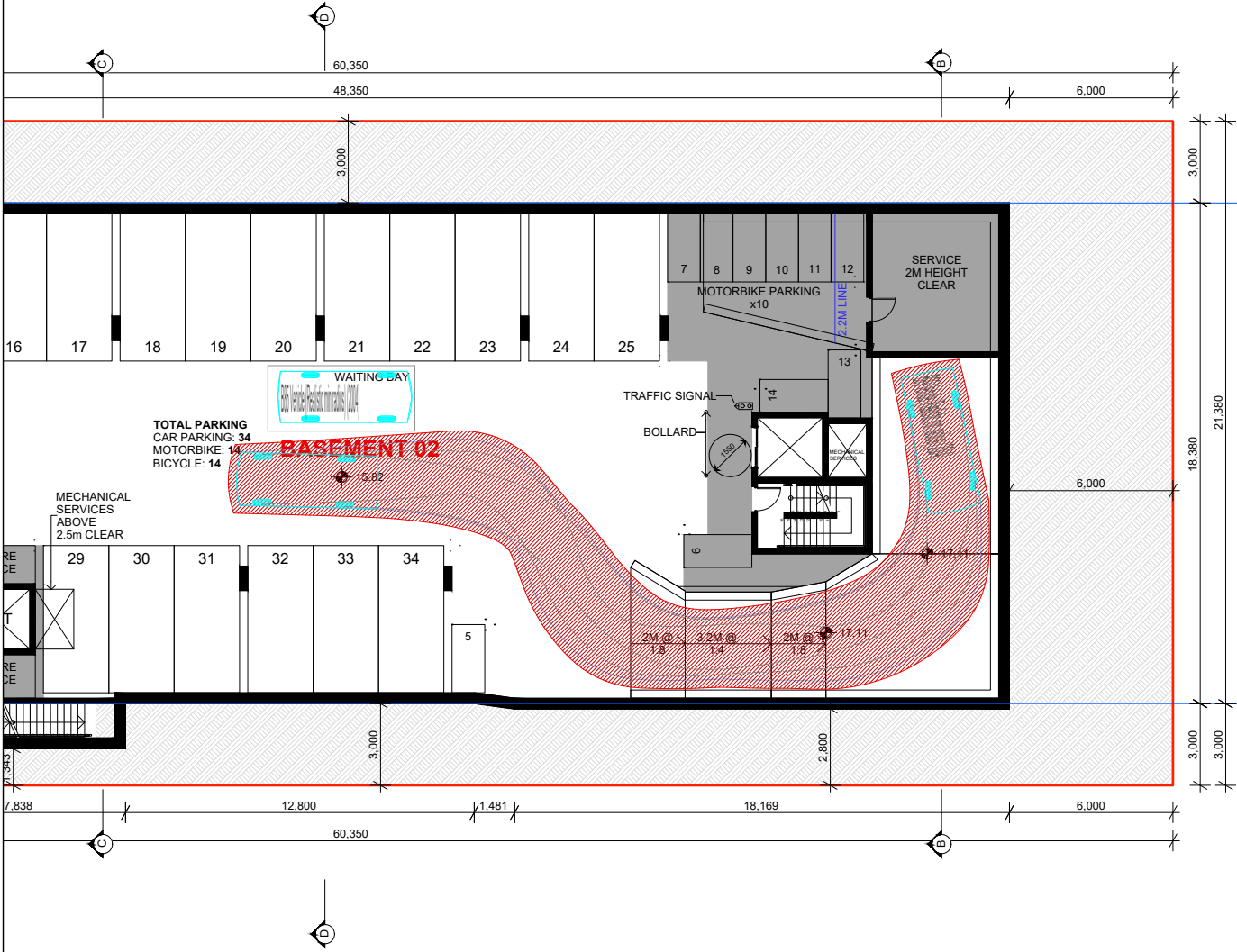
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			----- Vehicle Wheel Path ----- Vehicle Body Envelope ----- 300mm Vehicle Clearance		 PDC Consultants Level 14, 100 William Street Woolloomooloo NSW 2011 t: +61 2 7900 6514 w: www.pdcconsultants.com.au ABN: 70 615 064 670	Ghazi Al Ali Architect The Carton Factory Suite 21, 47-55 John St, Leichhardt	85-87 Anzac Avenue West Ryde	Basement 01 B99 Design Vehicle Swept Path Analysis Vehicle Circulation Movements	002	-
						Client Crossing Pacific Pty Ltd	Project No 0505	Sheet Status NOT FOR CONSTRUCTION	Drawn By JB	Date 21/04/2022
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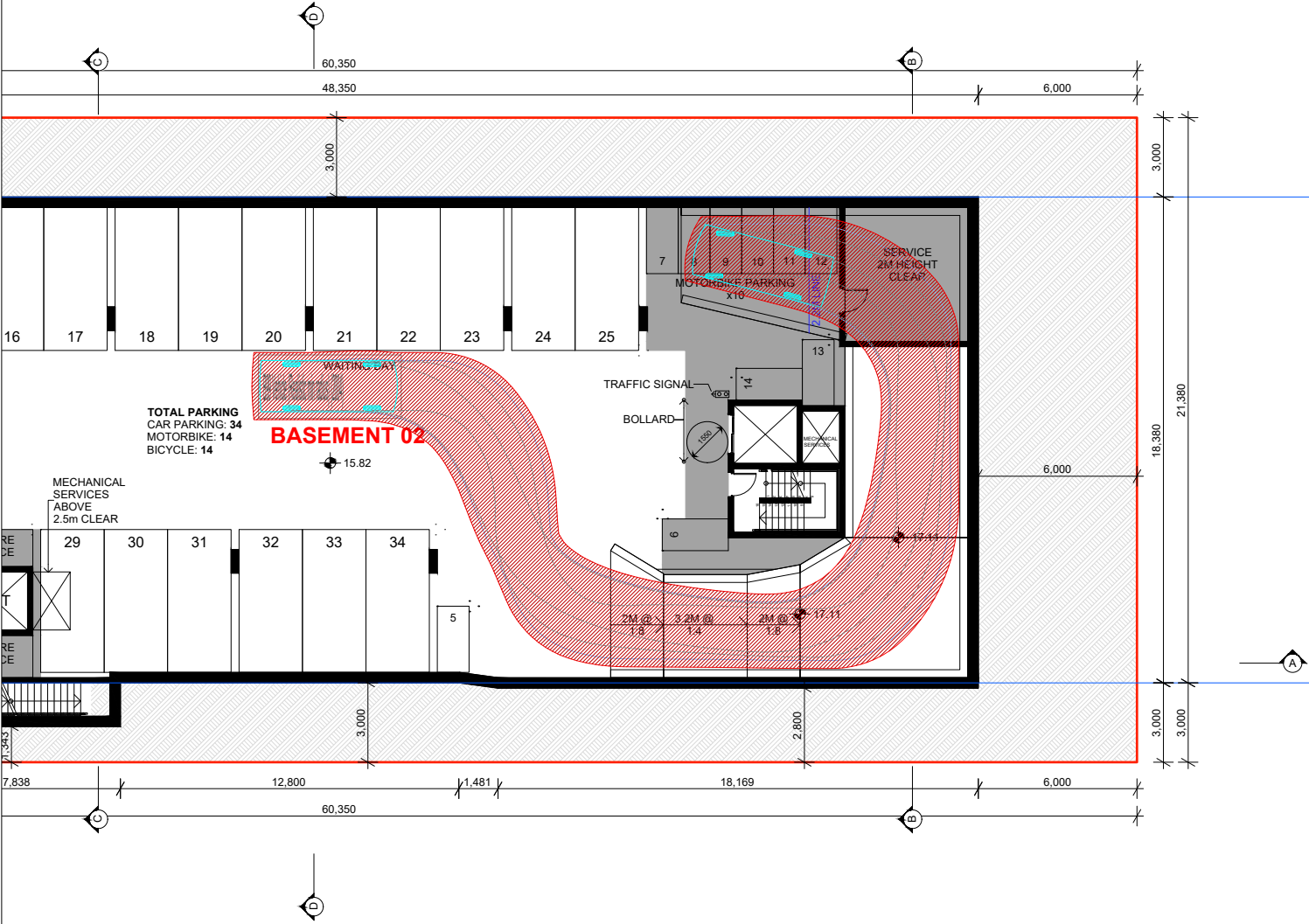
No.	Date	Description	<p>Swept Path Key</p> <p>----- Vehicle Wheel Path</p> <p>----- Vehicle Body Envelope</p> <p>----- 300mm Vehicle Clearance</p>	<p>North</p> 	<p>Drawing Prepared By</p>  <p><b>PDC Consultants</b>  Level 14, 100 William Street  Woolloomooloo NSW 2011  t: +61 2 7900 6514  w: <a href="http://www.pdcconsultants.com.au">www.pdcconsultants.com.au</a>  ABN: 70 615 064 670</p>	<p>Architect</p> <p>Ghazi Al Ali Architect  The Carton Factory  Suite 21, 47-55 John St, Leichhardt</p>	<p>Project</p> <p>85-87 Anzac Avenue  West Ryde</p>	<p>Drawing Title</p> <p>Basement 01  B99 Design Vehicle Swept Path Analysis  Vehicle Circulation Movements to / from Basement 02</p>	<p>Drawing No.</p> <p>003</p> <p>Revision No.</p> <p>-</p>	<p>Drawn By</p> <p>JB</p> <p>Date</p> <p>21/04/2022</p>
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ENTRY MOVEMENT

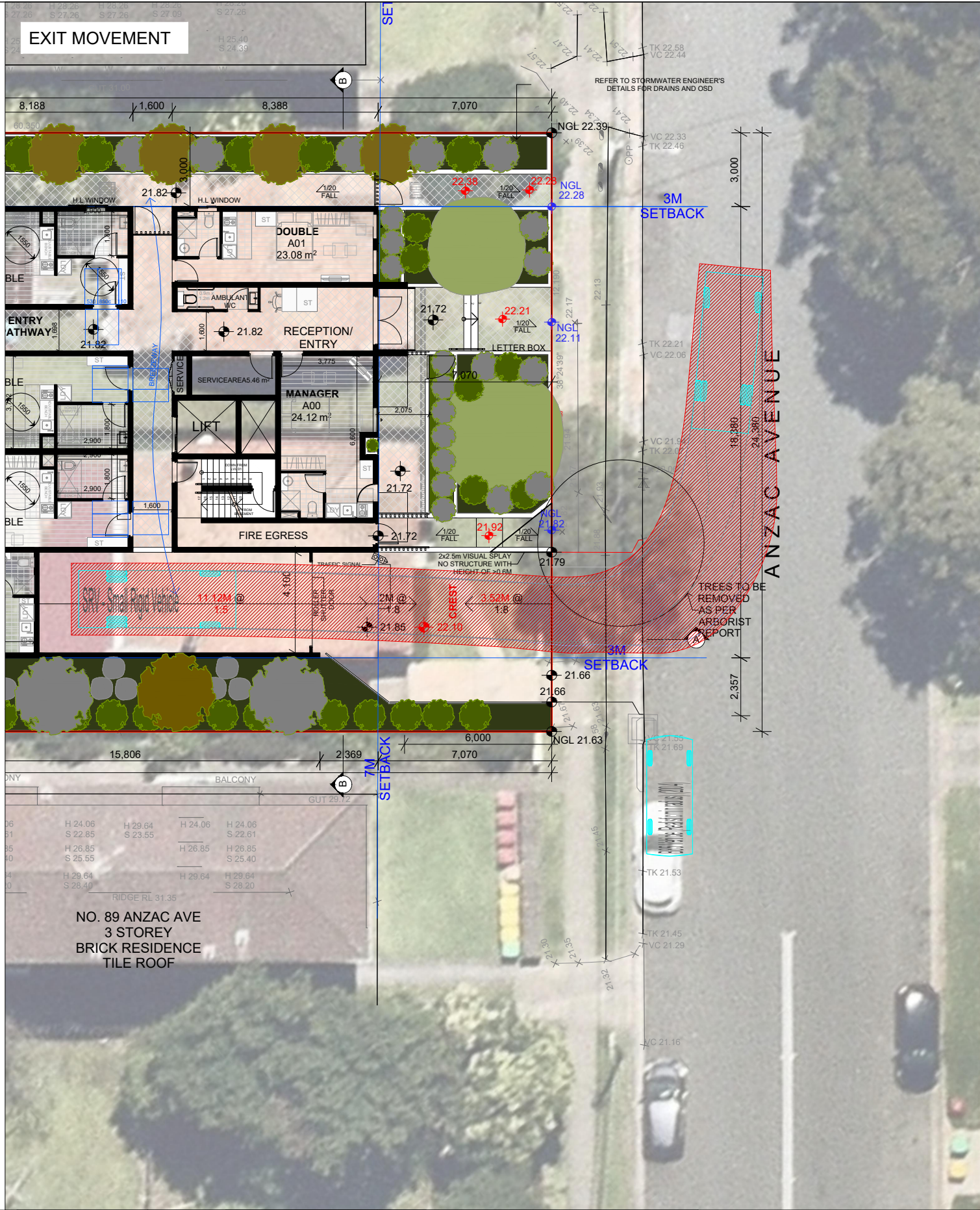
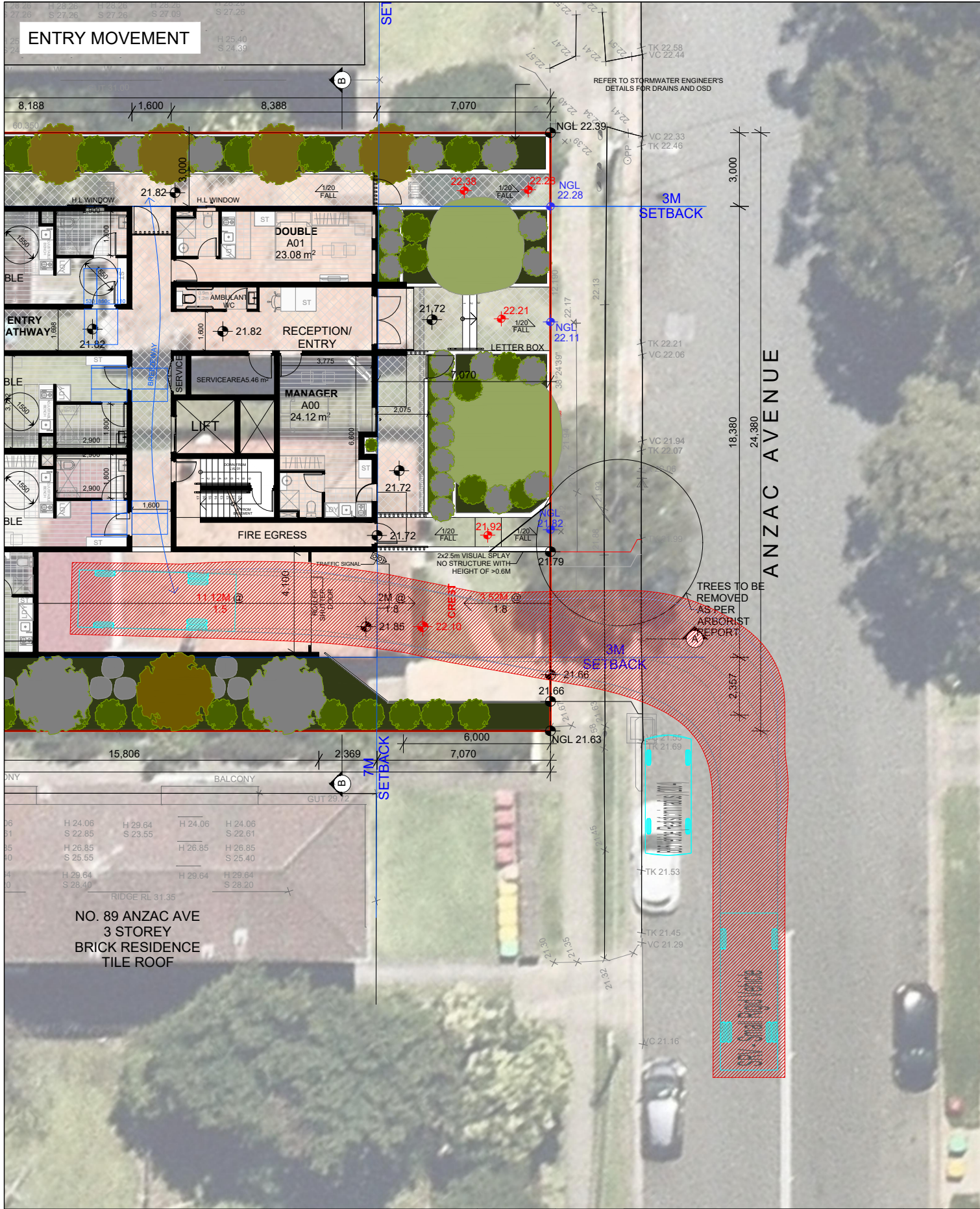


EXIT MOVEMENT



No.	Date	Description	Swept Path Key	North	Drawing Prepared By	Architect	Project	Drawing Title	Drawing No.	Revision No.
			----- Vehicle Wheel Path ----- Vehicle Body Envelope ----- 300mm Vehicle Clearance		 PDC Consultants Level 14, 100 William Street Woolloomooloo NSW 2011 t: +61 2 7900 6514 w: www.pdcconsultants.com.au ABN: 70 615 064 670	Ghazi Al Ali Architect The Carton Factory Suite 21, 47-55 John St, Leichhardt	85-87 Anzac Avenue West Ryde	Basement 02 B99 Design Vehicle Swept Path Analysis Vehicle Circulation Movements	004	-
						Client Crossing Pacific Pty Ltd	Project No 0505	Sheet Status NOT FOR CONSTRUCTION	Drawn By JB	Date 21/04/2022
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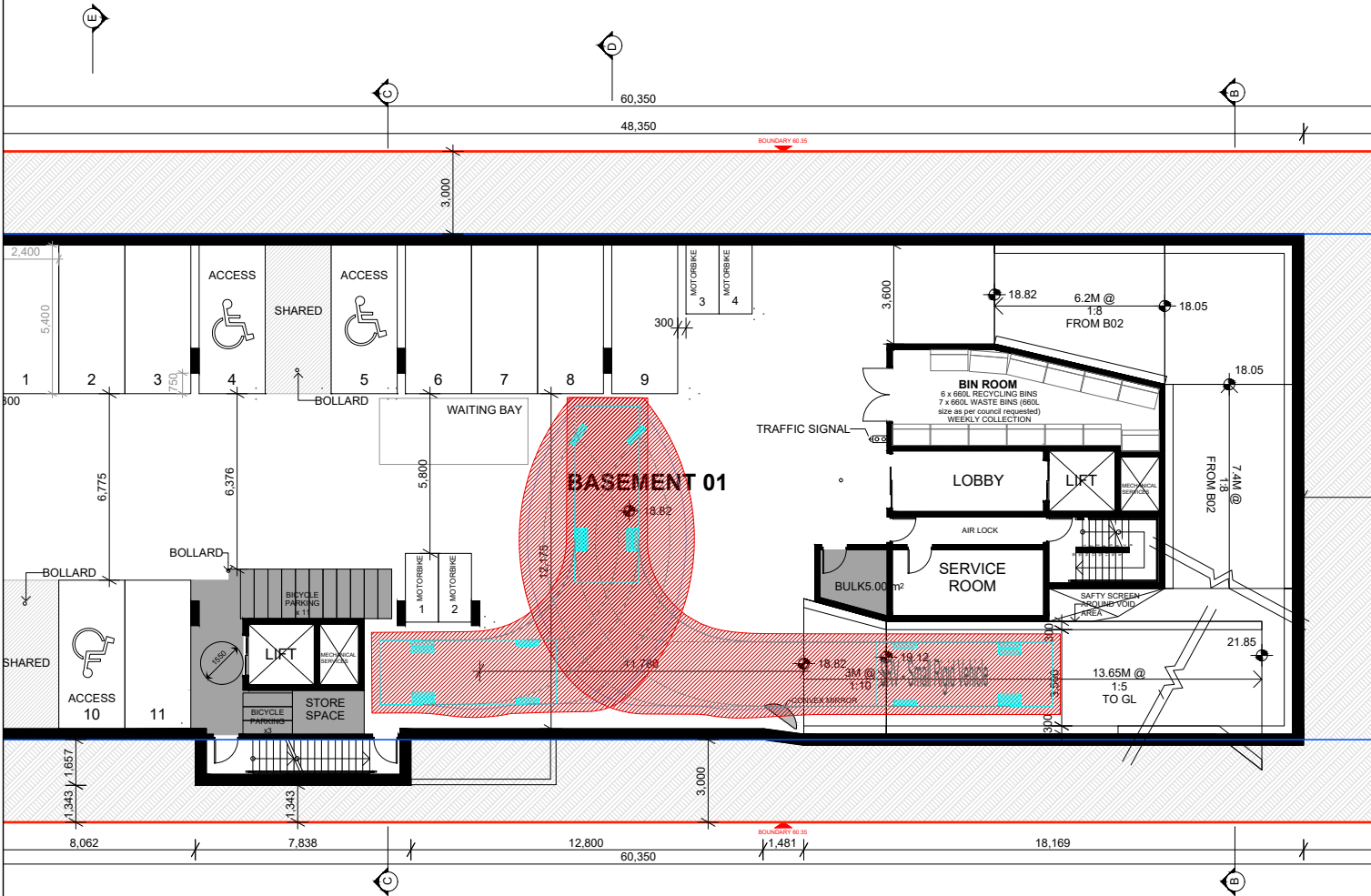




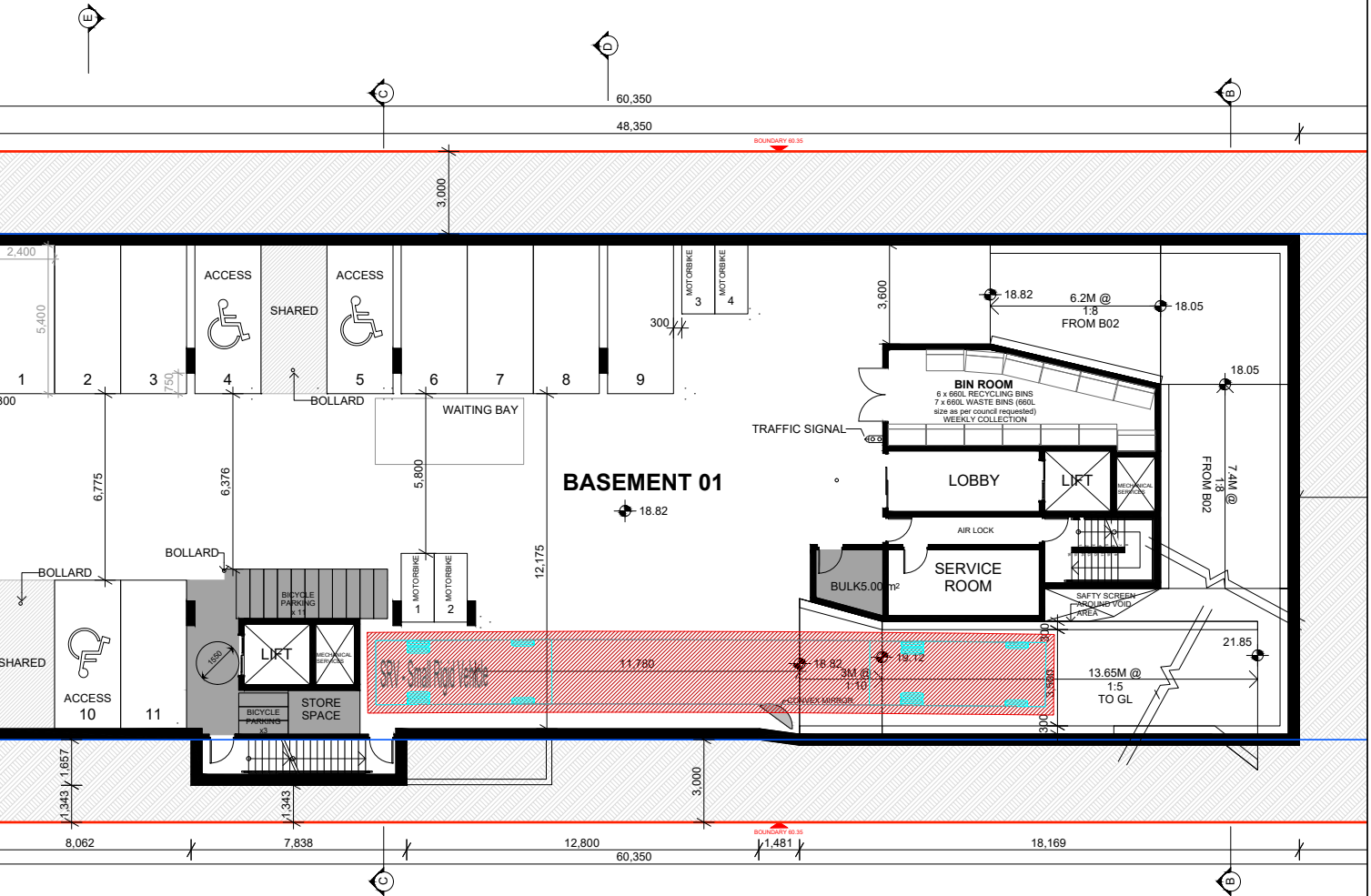
No.	Date	Description	Swept Path Key	North	Drawing Prepared By	Architect	Project	Drawing Title	Drawing No.	Revision No.
			----- Vehicle Wheel Path ----- Vehicle Body Envelope ----- 300mm Vehicle Clearance		 <p>PDC Consultants Level 14, 100 William Street Woolloomooloo NSW 2011 t: +61 2 7900 6514 w: www.pdcconsultants.com.au ABN: 70 615 064 670</p>	Ghazi Al Ali Architect The Carton Factory Suite 21, 47-55 John St, Leichhardt	85-87 Anzac Avenue West Ryde	Ground Floor 6.4m Long Waste Truck Swept Path Analysis Site Entry and Exit Movements	005	-
						Client Crossing Pacific Pty Ltd	Project No 0505	Sheet Status NOT FOR CONSTRUCTION	Drawn By JB	Date 21/04/2022
									Scale 1:200 @ A3	



ENTRY MOVEMENT



EXIT MOVEMENT



No.	Date	Description	Swept Path Key	North	Drawing Prepared By	Architect	Project	Drawing Title	Drawing No.	Revision No.
			<div><div>-----</div>Vehicle Wheel Path</div> <div><div>—</div>Vehicle Body Envelope</div> <div><div>—</div>300mm Vehicle Clearance</div>		<div>PDC Consultants Level 14, 100 William Street Woollloomooloo NSW 2011 t: +61 2 7900 6514 w: <a href="http://www.pdcconsultants.com.au">www.pdcconsultants.com.au</a> ABN: 70 615 064 670</div>	Ghazi Al Ali Architect The Carton Factory Suite 21, 47-55 John St, Leichhardt	85-87 Anzac Avenue West Ryde	Basement 01 6.4m Long Waste Truck Swept Path Analysis Vehicle Movements to / from Service Bay	006	-
						Client Crossing Pacific Pty Ltd	Project No 0505	Sheet Status NOT FOR CONSTRUCTION	Drawn By JB	Date 21/04/2022
									Scale 1:250 @ A3	<div><div>0m</div><div>2</div><div>4</div><div>6</div><div>8</div></div>