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Waste Management Plan

Residential Development
1 Kent Road, Surrey Hills

Prepared for
VJ 1 KR PTY LTD

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AS/NZS ISO 45001-2018 Occupational Health & Safety Management Systems
 AS/NZS ISO 14001 Environmental Management Systems
 AS/NZS ISO 9001-2016 Quality Management Systems



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1. Introduction

Traffix Group has been engaged by to undertake a Waste Management Plan for the Residential Development at 1 Kent Road, Surrey Hills.

This application is to be assessed under Clause 53.23 of the Boroondara Planning Scheme and is subject to the requirements of Clause 57.

This Waste Management Plan (WMP) is intended to act as a guideline for the development and may be subject to the ongoing updates, post-development.

2. Development

The application proposes to develop the site for the purposes of a multi-level residential development.

The development schedule is provided in Table 1.

Table 1: Development Schedule

Residential dwellings	Size/No.
Proposed Dwellings	
<i>Building A (north-west corner of the site)</i>	
• One-bedroom	1 no.
• Two-bedroom	21 no.
• Three-Bedroom	14 no.
<i>Building B (south-east corner of the site)</i>	
• One-bedroom	5 no.
• Two-bedroom	11 no.
• Three-Bedroom	13 no.
<i>Building C (refurbished St Joseph’s Parish)</i>	
• Two-bedroom	6 no.
• Three-Bedroom	5 no.
Communal Space for residents	268m ²

Vehicle access to the site is provided via to Middlesex Road and Kent Road located at the north-western corner and south-eastern corner of the site.

Building A and B Waste Collection

For building A, a shared waste storage area is provided at basement level 1, which can be accessed via lifts or a staircase. For building B, a shared waste storage area is provided at the lower ground level, which can be accessed via lifts or a staircase

Waste collection for both buildings is to be undertaken on-site within the basement level 1 and lower ground level carpark via a private contractor using a 6.4m long mini rear loading waste vehicle.

Heritage Building Waste Collection

Dwellings with site's frontage to Kent Road and Middlesex Road, i.e. Duplex 1-7 (total 7 dwellings) shall place their bins along their respective site's frontages.

The transfer path shall be clear and provided with suitable grades for the transfer of bins. Once the collection has been completed, residents will be responsible to return their bins as soon as possible back to the property as required.

Dwellings with no site's frontage, i.e. Duplex 8-11 (four dwellings) are to be provided with shared waste storage area which can be accessed internally via residents at ground level.

Building management will be responsible to transfer the bins via the internal link between buildings that connect from the waste room to Kent Road. Collection to occur on street to Kent Road via private contractor.

A copy of the development plans prepared by Woods Bagot and KTA is attached at Appendix A.

3. Waste Management Plan

3.1. Waste Systems

The waste management systems of the proposed development comprise of the following components:

- Immediate smaller bins within individual dwellings for temporary storage of garbage, recyclable, FOGO and glass waste prior to transferring to the Mobile Garbage bins (MGB's), and
- Dual chutes will be provided for Building A & B within the upper levels for transfer of residential garbage and recyclable waste between the residential floors and the respective residential bin stores at the basement level 1 and lower ground level,
- Building A and Building B require manual transfer of FOGO, and glass via the residents to the respective residential waste storage areas and relevant Mobile Garbage Bins provided at basement level 1 and lower ground level as required,
- Duplex D1 - D7 will have individual bins stored within their private storage spaces,

- D8 - D11 (four dwellings) will have a separate shared waste storage area at ground level as required,
- Mobile garbage bins (MGB's) are stored within the relevant waste storage areas on-site.

3.2. Management of Waste Streams

In accordance with the Victorian Government's *Circular Economy Policy: Recycling Victoria*, food organics green organics (FOGO), and glass waste have been considered separately to reduce landfill at the source.

The waste generated by the development will be separated and managed into the following waste streams:

- General Garbage Waste
- Food and Organics/Green Waste
- Glass Recycling, and
- Other Commingled Recycling

The proposed management of each of the streams/systems is detailed below.

Table 2: Waste Streams

Waste Type	Waste Management	
	Building A and B	Building C (Heritage Building)
Garbage	<p>Each dwelling shall be provided with small caddy bins for temporary storage of waste.</p> <p>Residents will place general landfill waste in tied plastic bags and dispose of the bagged garbage into the appropriate waste chute located on each level adjacent to the lift core.</p> <p>Building Management will be responsible for swapping the full bins with empty bins under the chutes within the assigned residential waste area at the basement level 1 and lower ground level respectively.</p>	<p>Each dwelling shall be provided with small caddy bins for temporary storage of waste.</p> <p><u>Duplex 1-7 of Building C</u> Residents will place general landfill waste in tied plastic bags and dispose of the bagged waste directly into respective garbage bin provided by Council.</p> <p><u>Duplex 8-11</u> Residents will place general landfill waste in tied plastic bags and dispose of the bagged waste directly into shared waste storage area provided at ground level.</p>
Recycling	<p>Each dwelling shall be provided with small caddy bins for temporary storage of recyclable waste.</p> <p>Residents will place recyclable materials directly into the appropriate</p>	<p>Each dwelling shall be provided with small caddy bins for temporary storage of waste.</p> <p><u>Duplex 1-7 of Building C</u></p>

Waste Type	Waste Management	
	Building A and B	Building C (Heritage Building)
	<p>recycling chute located on each level adjacent the lift core. Items shall typically be placed loosely within the chutes.</p> <p>Building Management will be responsible for swapping the full bins with empty bins under the chutes within the assigned residential waste area at the basement level 1 and lower ground level respectively.</p>	<p>Residents will place recyclable waste directly into respective garbage bin provided by Council.</p> <p><u>Duplex 8-11</u> Residents will place recyclable waste directly into shared waste storage area provided at ground level. Cardboard items are to be flattened/folded where practicable.</p>
FOGO	<p>Residents will be provided with a kitchen caddy within individual dwellings.</p> <p>FOGO waste shall be manually transferred by residents to the basement level 1 and lower ground level waste rooms and nominated bins via lifts or stairs.</p>	<p><u>Duplex 1-7 of Building C</u> Residents will place FOGO waste directly into respective garbage bin provided by Council.</p> <p><u>Duplex 8-11</u> Residents will place FOGO waste directly into shared waste storage area provided at ground level.</p>
Glass	<p>Residents will dispose of glass waste directly into personal bins provided within their individual dwellings.</p> <p>Glass waste shall be manually transferred by residents to the basement level 1 and lower ground level waste rooms and nominated bins via lifts or stairs.</p>	<p><u>Duplex 1-7 of Building C</u> Residents will place glass waste directly into respective garbage bin provided by Council.</p> <p><u>Duplex 8-11</u> Residents will place glass waste directly into shared waste storage area provided at ground level.</p>
Paper & cardboard	<p>Paper and cardboard waste generated by residents are anticipated to be low and can be accommodated within the recycling bin. Any minimal waste shall be manually transferred by residents to the basement level 1 and ground level waste rooms and nominated bins via lifts or stairs.</p>	<p>Paper and cardboard waste generated by residents are anticipated to be low and can be accommodated within the respective recycling bins.</p>
Hard Waste	<p>Residents will dispose of hard waste including used furniture and white goods with the assistance of the property manager.</p>	

Waste Type	Waste Management	
	Building A and B	Building C (Heritage Building)
	Hard waste shall be stored within the respective shared waste storage areas or within dwellings as required. It can be disposed of via private contractor on-site or alternatively drop off to nearby transfer stations.	
Other	Residents will dispose of electric waste including batteries, phones, computers etc. with the assistance of the property manager or drop it off at Boroondara Recycling and Waste Centre (648 Riversdale Road, Camberwell 3124). E-waste must not be disposed in landfill. Residents can dispose of any charity goods at the local op shops or charity bins.	

3.3. Waste Generation

3.3.1. Overall Generation Rates

The land uses have been assessed against the waste generation rates specified under the *Better Practice Guide for Waste Management and Recycling in Multi-unit Developments* by Sustainability Victoria. Table 3 sets out the expected waste generation for the Residential Development.

Table 3: Waste Generation Rates

Waste Source	Garbage	Recycling
1-Bed dwellings	80 L/apartment/week	80 L/apartment/week
2-Bed dwellings	100 L/apartment/week	100 L/apartment/week
3-Bed or more dwelling/Individual dwelling	120 L/apartment/week	120 L/apartment/week

An estimate of total waste generated by the development is detailed in following tables.

Table 4: Expected Waste Generation for the Land Use – Building A

Waste Source	Size/No.	Garbage	Recycling
1-Bed dwelling	1 no.	80 L/week	80 L /week
2-Bed dwelling	21 no.	2,100 L/week	2,100 L/week
3-Bed or more dwelling	14 no.	1,680 L/week	1,680 L/week
TOTAL WASTE GENERATED		3,860 L/week	3,860 L/week

Table 5: Expected Waste Generation for the Land Use – Building B

Waste Source	Size/No.	Garbage	Recycling
1-Bed dwellings	5 no.	400 L/week	400 L/week
2-Bed dwellings	11 no.	1100 L/week	1100 L/week
3-Bed or more dwelling	13 no.	1560 L/week	1560 L/week
TOTAL WASTE GENERATED		3060 L/week	3060 L/week

Table 6: Expected Waste Generation for the Individual Dwelling (Duplex 1-7 of Building C)

Waste Source	Size/No.	Garbage	Recycling
Individual dwellings	Total 7 no.	120 L/dwelling/week	120 L /dwelling/week

Table 7: Expected Waste Generation for the Duplex 8-11

Waste Source	Size/No.	Garbage	Recycling
Residential dwellings	4 no.	440 L/week	440 L/week

3.3.2. Considering Alternative Waste Streams

In accordance with the Victorian Government’s *Circular Economy Policy: Recycling Victoria*, food organics & green organics (FOGO) and glass have been considered separately to help reduce landfill at the source.

The development across the site is expected to generate FOGO and glass waste as summarised in Table 8.

Table 8: Alternative Waste Streams

Land Use	Garbage		Recycling	
	General	FOGO	Commingled (inc. paper & cardboard)	Glass
1-Bed dwelling	65%	35%	80%	20%
2-Bed dwelling	65%	35%	80%	20%
3-Bed dwelling	65%	35%	80%	20%

Based on the preceding assessment, the development is expected to generate the following waste volumes.

Waste Management Plan

1 Kent Road, Surrey Hills

Table 9: Expected Waste Generation – Splits per Stream - Building A

Waste Source	Size/No.	Garbage		Recycling	
		General	FOGO	Commingled (inc. paper & cardboard)	Glass
1-Bed dwelling	1 no.	52L	28L	64L	16L
2-Bed dwelling	21 no.	1,365L	735L	1,680L	420L
3-Bed or more dwelling	14 no.	1,092L	588L	1,344L	336L
Subtotal		2,509L	1,351L	3,088L	772L
TOTAL WASTE GENERATED		3,860 L/week		3,860 L/week	

Table 10: Expected Waste Generation – Splits per Stream - Building B

Waste Source	Size/No.	Garbage		Recycling	
		General	FOGO	Commingled (inc. paper & cardboard)	Glass
1-Bed dwelling	5 no.	260L	140L	320L	80L
2-Bed dwelling	11 no.	715L	385L	880L	220L
3-Bed or more dwelling	13 no.	1014L	546L	1248L	312L
Subtotal		1989 L	1071 L	2448 L	612 L
TOTAL WASTE GENERATED		3,060 L/week		3,060 L/week	

Table 11: Expected Waste Generation – Splits per Stream - Individual Dwellings (Duplex 1-7 of Building C)

Waste Source	Size/No.	Garbage		Recycling	
		General	FOGO	Commingled	Glass
Individual dwelling	Total 7 no.	78L	42L	96L	24L
TOTAL WASTE GENERATED		120 L/week		120 L/week	

Table 12: Expected Waste Generation – Splits per Stream - Duplex 8-11

Waste Source	Size/No.	Garbage		Recycling	
		General	FOGO	Commingled 9	Glass
Residential dwellings	4 no.	286 L	154 L	352 L	88 L
TOTAL WASTE GENERATED		440 L/week		440 L/week	

3.4. Waste Equipment (MGBs)

Based on the determined waste generation, following tables provide a summary of the nominated waste storage area provisions and the frequency of collection.

Table 13: Waste Bins and Collection Frequencies – Building A

Waste Stream	Waste Volume	Bin Capacity	No. of Bins Required	Collection Frequency
Garbage	2509 L	660L	1	Twice per week
		1,100L	1	
FOGO	1351 L	240L	3	Twice per week
Recycling	3088 L	660L	1	Twice per week
		1,100L	1	
Glass	772 L	360L	1	Once per week
		660L	1	

Table 14: Waste Bins and Collection Frequencies – Building B

Waste Stream	Waste Volume	Bin Capacity	No. of Bins Required	Collection Frequency
Garbage	1989 L	660L	1	Twice per week
		1,100L	1	
FOGO	1071 L	240L	3	Twice per week
Recycling	2448 L	660L	1	Twice per week
		1,100L	1	
Glass	612 L	360L	1	Once per week
		660L	1	

Table 15: Waste Bins and Collection Frequencies - Individual Dwellings (Duplex 1-7 of Building C)

Waste Stream	Waste Volume	Bin Capacity	No. of Bins Required	Collection Frequency
Garbage	78 L per week	120L	1	Fortnightly
FOGO	42 L per week	120L	3	Once per week
Recycling	96 L per week	120L	1	Once per week
Glass	24 L per week	80L/120L	1	To be predicted in future

Table 16: Waste Bins and Collection Frequencies – Duplex 8-11

Waste Stream	Waste Volume	Bin Capacity	No. of Bins Required	Collection Frequency
Garbage	286 L	240L	2	Once per week
FOGO	154 L	240L	1	Once per week
Commingled	352 L	240L	2	Once per week
Glass	88 L	120L	1	Once per week

3.4.1. FOGO Collection – Kitchen Caddies and Liners, E-waste

Kitchen caddies and caddy liners for Food Organics and Garden Organics (FOGO) will not be provided by Council. These items may be supplied and managed by the nominated private waste collection service provider.

These can also be purchased from:

- *Compost-A-Pak 8L liners*
- *Biobag 8L rolls*
- *Maze 9L slim compostable bags*
- *Cardia compostable 8L kitchen tidy bags*
- *Multix greener mini plant-based compostable bags*

Liners must be labelled as “compostable,” made from 100% corn starch, and display both AS5810 and AS4736 codes.

Council is not providing kitchen caddies, they shall be purchased from retailers such as Bunnings, Big W, or similar stores

3.4.2. E-waste

Many e-waste collection points are available in Victoria, and private contractors are equipped with the resources to undertake e-waste collections.

E-waste must be taken by residents to the appropriate collection centre, such as:

- Planet Ark drop-off locations
- Officeworks (for small personal e-waste)
- ALDI stores (for batteries)
- Select Bunnings stores (for batteries)

Boroondara Council E-Waste Drop off Sites

- Boroondara Sports Complex (Smaller items)
- Boroondara Recycling and Waste Centre (Medium and large items)

Additional recycling locations are listed at:

- www.recyclamate.com.au
- <https://recyclingnearyou.com.au>

Further details regarding the waste equipment required for the development are detailed in Table 17.

Table 17: Bin Details and Colours

Waste Stream	Bin Capacity	Dimensions (H x W x D) ¹	Bin Lid Colour ²	Bin Body Colour ²
Garbage	120L	930 x 480 x 545mm	Red	Dark Green
	240L	1,060 x 585 x 730mm		
	660L	1,215 x 1,190 x 770mm		
	1,100L	1,300 x 1,194 x 1,080mm		
FOGO	120L	930 x 480 x 545mm	Light Green	
	240L	1,060 x 585 x 730mm		
Recycling	120L	930 x 480 x 545mm	Yellow	
	240L	1,060 x 585 x 730mm		
	660L	1,215 x 1,190 x 770mm		
	1,100L	1,300 x 1,194 x 1,080mm	Purple	
	360L	1100 x 680 x 848mm		
	660L	1,215 x 1,190 x 770mm		

Note 1. Bin capacity and dimensions are provided as an indicative dimension, sourced from Bin Supplier, Sulo'.

Note 2. Bin lid and body colours are based on the bin colour scheme set out by Boroondara City Council.

3.4.3. Dual Chutes

A residential dual waste chute system is provided for the dwellings within Building A and B with access at each floor adjacent to the core.

For these buildings a separate chute for garbage and recycling is provided. Chutes will terminate into the appropriate bins located within the residential waste areas at basement level 1 and lower ground respectively.

Skirting/equivalent system should be provided at the termination of the chutes to reduce the impact of materials falling into the bins. Garbage and recycling bins can have reinforced bases to increase the durability of the bins.

The chutes shall be designed to the manufacturer's specifications and appropriate signage, and instructions will be provided to residents to ensure correct and safe use of the chute system. Access to the chute outlet at respective levels will be fully secured and accessible to trained personnel only.

Bins would be rotated below the chutes as required by Building Management/Owners Corporation.

An example of manufacturer's specification for the chute system is available at Appendix C.

3.4.4. Waste Area and Access

Building A and B Waste arrangements

For building A and B, shared waste storage areas are provided at basement level 1 and lower ground level respectively, which can be accessed via lifts or a staircase.

Heritage Building – Building C Waste arrangements

Dwellings with site's frontage to Kent Road and Middlesex Road, i.e. Duplex 1-7 (total 7 dwellings) shall place their bins along their respective site's frontages.

Dwellings with no site's frontage, i.e. Duplex 8-11 (total of 4 dwellings), are to be provided with shared waste storage area which can be accessed internally via residents at ground level

The waste storage areas and their access routes are illustrated at Figure 1, Figure 2, Figure 3 and Figure 4.

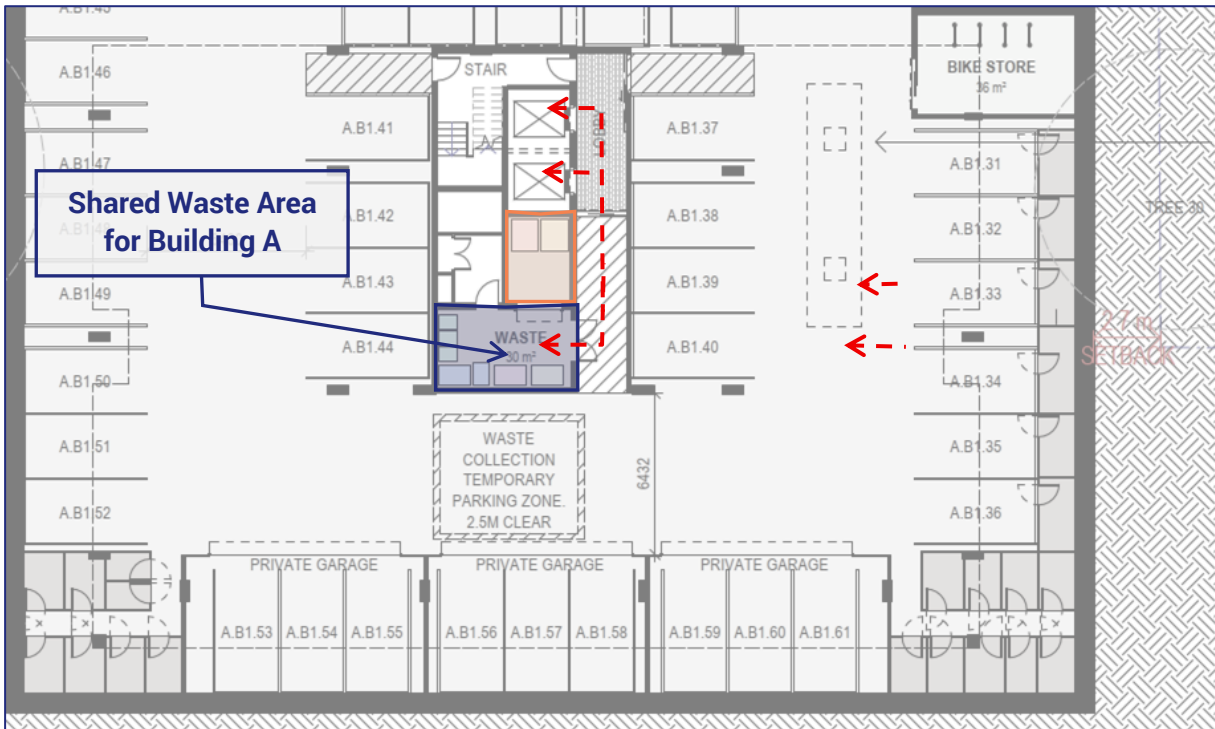


Figure 1: Shared Waste Storage Area & Pedestrian Access Route Building A

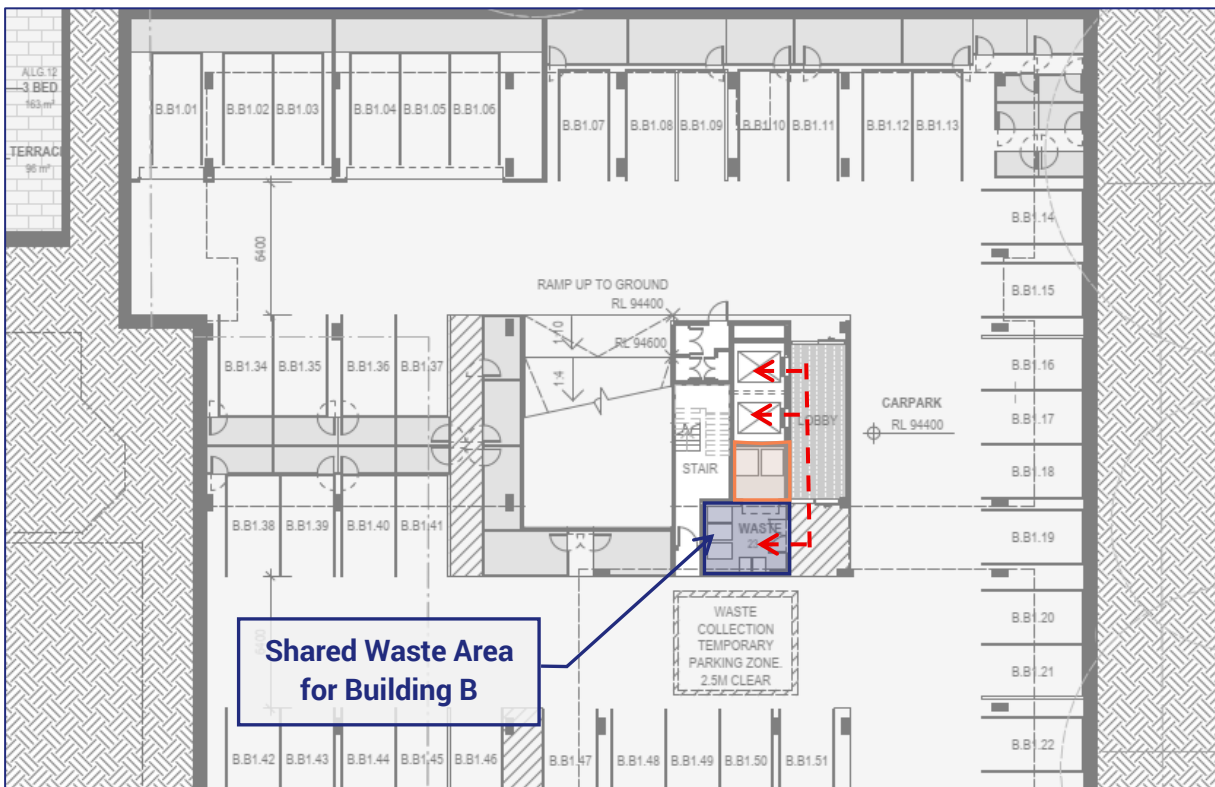


Figure 2: Shared Waste Area & Pedestrian Access Route Building B



Figure 3: Individual waste enclosures for Building C – (D1-D7)

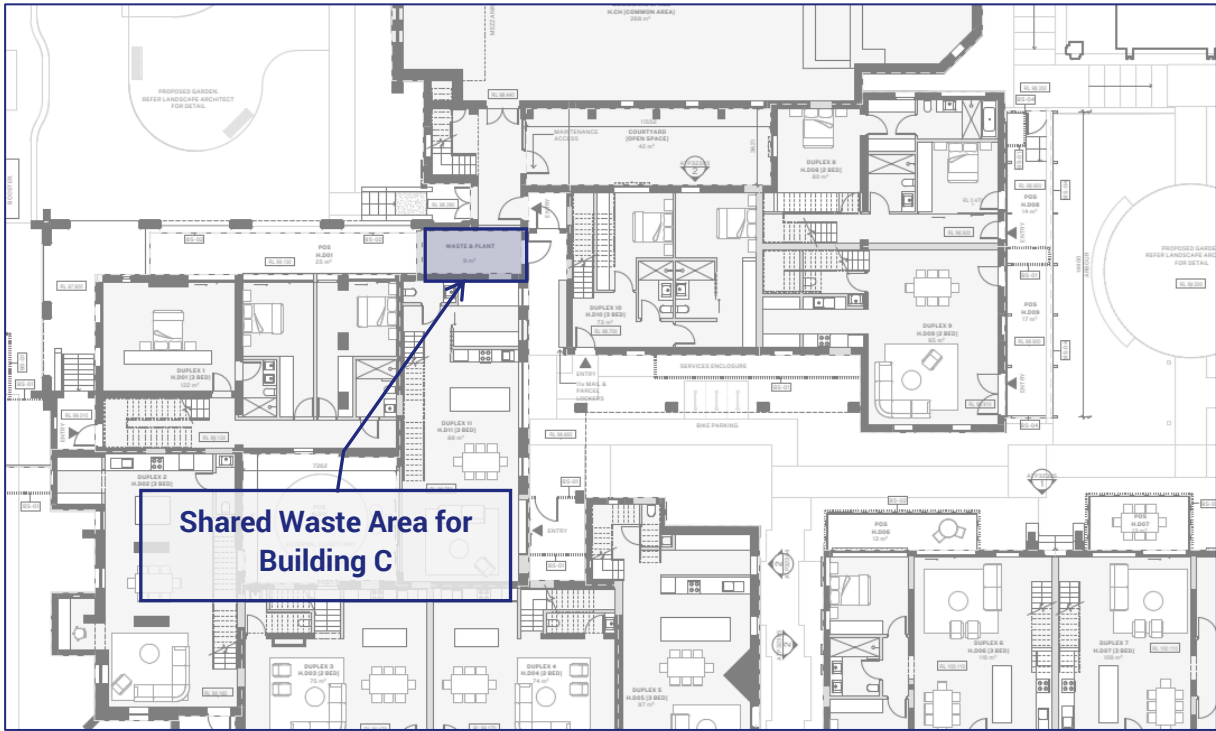


Figure 4: Shared waste area for Building C (Duplex 8-11)

Table 18 details the waste area requirements based on the waste equipment proposed.

Table 18: Shared Waste Area Requirements – Building A

Use	Waste Equipment	Net Area ¹	Quantity	Net Bin Storage Area Required	Waste Area provided
Building A	240L	0.43sqm	3	1.29sqm	30 sqm
	360L	0.58sqm	1	0.58sqm	
	660L	0.98sqm	3	2.94sqm	
	1,100L	1.33sqm	2	2.66sqm	

Note 1: Net area required is calculated from the dimensions of the bins.

Table 19: Shared Waste Area Requirements – Building B

Use	Waste Equipment	Net Area ¹	Quantity	Net Bin Storage Area Required	Waste Area provided
Building B	240L	0.43sqm	2	0.86sqm	26 sqm
	660L	0.98sqm	3	2.94sqm	
	1,100L	1.33sqm	2	2.66sqm	

Note 1: Net area required is calculated from the dimensions of the bins.

Table 20: Waste Area Requirements – Individual dwellings D1-D7 (Building C)

Use	Waste Equipment	Net Area ¹	Quantity	Net Bin Storage Area Required	Waste Area provided
Individual dwellings	120L	0.26sqm	4	1.04sqm	1.8sqm

Note 1: Net area required is calculated from the dimensions of the bins.

Table 21: Shared Waste Area Requirements - Building C (Duplex 8-11)

Use	Waste Equipment	Net Area ¹	Quantity	Net Bin Storage Area Required	Waste Area provided
Residential dwellings	240L	0.43sqm	2	0.86sqm	9 sqm
	660L	0.98sqm	3	2.94sqm	
	1,100L	1.33sqm	2	2.66sqm	

Note 1: Net area required is calculated from the dimensions of the bins.

Based on the above, sufficient space is provided for on-site waste storage within the residential development.

3.5. Signage

Appropriate signage in accordance with Sustainability Victoria will be displayed on the bins and within the waste area, as illustrated in Figure 5.

The signage will help guide and encourage residents and building management staff of the residential development to dispose of waste correctly into the appropriate waste streams.



Figure 5: Waste Signage Examples

3.6. Waste Collection Arrangements and Vehicle Access

Building A and B Waste Collection

For building A, a shared waste storage area is provided at basement level 1, which can be accessed via lifts or a staircase.

For building B, a shared waste storage area is provided at the lower ground level, which can be accessed via lifts or a staircase

Waste collection for both buildings is to be undertaken on-site within the basement level 1 and lower ground level carpark via a private contractor using a 6.4m long mini rear loading waste vehicle.

The private contractor will prop temporarily within the accessway whilst the bins are emptied and exit the site in a forward direction.

Waste collection will be undertaken outside of the peak times to minimise disruption and ensure there is sufficient space within the carpark for the transfer of bins to and from the waste vehicle.

Heritage Building Waste Collection

Dwellings with site's frontage to Kent Road and Middlesex Road, i.e. Duplex 1-7 (total 7 dwellings) shall place their bins along their respective site's frontages.

The transfer path shall be clear and provided with suitable grades for the transfer of bins. Once the collection has been completed, residents will be responsible to return their bins as soon as possible back to the property as required.

Dwellings with no site's frontage, i.e. Duplex 8-11 (total of 4 dwellings), are to be provided with shared waste storage area which can be accessed internally via residents at ground level.

Building management will be responsible to transfer the bins via the internal link between buildings that connect from the waste room to Kent Road. Collection to occur on street to Kent Road via private contractor.

Traffix Group has provided advice to the project architect in order to accommodate vehicle access of the 6.4m long mini rear loading waste vehicle within the site.

Swept path diagrams demonstrating vehicle access of the 6.4m long mini rear loading waste vehicle entering and exiting the site in a forward direction is attached at Appendix B.

4. Planning Scheme Design Requirements (Clause 57)

The development includes an individual bin storage area for each dwelling, or a shared bin storage area for use by each dwelling, of at least the applicable area, depth and height specified below in standard E5-5.2, Table E5-5.2.

Table 22: Design requirements for dwellings

Clause	Development Type		
Clause 57.05-05			
Standard E5-5.2	Dwelling (other than a dwelling in or forming part of an apartment development)		
Type of bin storage area	Minimum area	Minimum depth	Minimum height
15 or less dwellings (St Josephs dwellings)	0.7 square metres per dwelling in a shared waste storage area	0.8m	2.7m
16 to 55 dwellings (relevant to each bin storage area for Building A and B)	0.5 square metres per dwelling, plus 5 square metres in a shared waste storage area	1m	2.7m

If the development includes a shared bin storage area -

The shared bin storage area:

- Is located within 40 metres of a kerbside collection point.
- Includes a tap for bin washing.

There is a continuous path of travel free of steps and obstructions from dwellings to the bin storage area.

Where access is provided for private bin collection on the land the design of access ways must allow the vehicle to enter and exit in a forward direction.

Enclosed bin storage areas are ventilated by:

- Natural ventilation openings to the external air with an area of at least 5 per cent of the area for bin storage area; or a mechanical exhaust ventilation system.
- A continuous path of travel is provided from each dwelling to bin storage areas.

Each dwelling includes an internal waste and recycling storage space of at least 0.07 cubic metres with a minimum depth of 250 millimetres

5. Amenity Impacts

It is the responsibility of the building management to carry out the ongoing maintenance of all waste areas to minimise the following amenity impacts.

5.1. Ventilation/Odour Prevention

For developments using forced ventilation or air-conditioning system, adequate ventilation will be provided within the bin store areas in accordance with AS1668.2 to ensure waste-related odours are minimised.

Waste areas will be frequently cleaned to prevent the retainment of odours.

5.2. Noise Reduction

The waste facilities will comply with BCA and AS2107 acoustic requirements. Private waste collection will follow Council's and EPA guidelines to ensure acoustic impact is minimised.

Collection days and times will be determined following the confirmation of a specific private waste collection contractor by Building Management. Waste collection times should comply with the EPA Noise Control Guidelines (Publication 1254):

Domestic Waste Collection

- Collections occurring once a week should be restricted to the hours 6am – 6pm Monday to Saturday.
- Collections occurring twice a week should be restricted to the hours 7am – 6pm Monday to Saturday.

5.3. Vermin Prevention & Litter Management

Waste areas will be secured to prevent any unauthorised use. Waste areas will be monitored by the property manager to ensure that bins are not overfilled and any spillage resulting from waste collection is appropriately addressed. All access doors and bin lids will be kept closed at all times to prevent vermin access to the waste areas.

5.4. Washing Facilities and Stormwater Pollution

Appropriate washing facilities including water supply and hose will be provided for the regular washing of the bins and waste area by the property manager. Washing facility provided will be connected to the sewerage for drainage to prevent any stormwater pollution.

6. Ongoing Maintenance & Sustainability Initiatives

6.1. Maintenance Management

Further to the occupation of the proposed development, it is the responsibility of the Owners Corporation for the ongoing operation and maintenance of the Waste Management Plan.

The Owners Corporation will ensure that maintenance work and upgrades are carried out on the waste areas and components of the waste system. When required, the Owners Corporation will engage an appropriate contractor to conduct maintenance services, replacements, or upgrades.

All ongoing costs are to be fully met by the Owners Corporation.

6.2. Waste Reduction Strategies

The Owners Corporation will be responsible for encouraging staff and residents of the development to reduce waste disposal and recycle materials based on the waste management hierarchy set out by Sustainability Victoria.

The hierarchy is detailed at Figure 8 below.

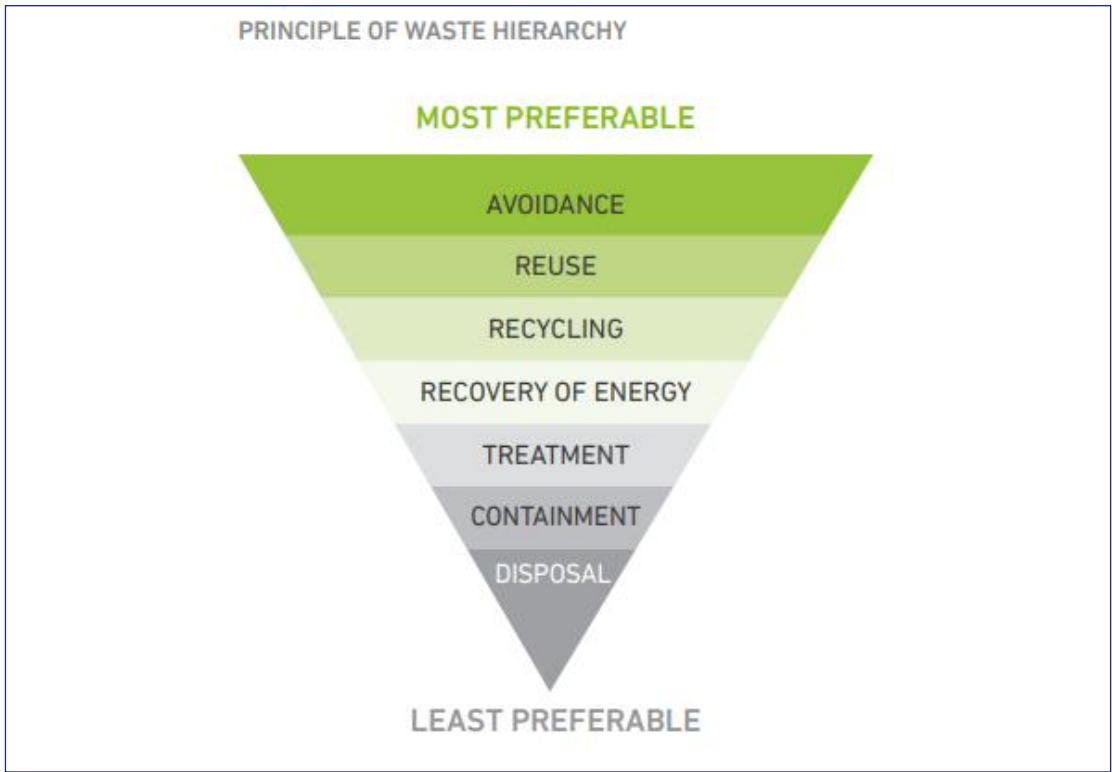


Figure 6: Sustainability Victoria’s Waste Management Hierarchy

Additionally, the Owners Corporation can set targets and measures to reduce garbage going to landfill and increase recycling and choose to participate in Council's waste programs to promote sustainability initiatives.

6.3. Waste Management Rules

It will be the responsibility of the Owners Corporation to ensure all staff and residents are provided with the relevant information and materials regarding the waste management system and sustainability strategies of the proposed development.

Relevant information will be provided at the waste areas to ensure that all users will operate and maintain safe practice when utilising the waste facilities.

6.4. Monitoring and Review

This Waste Management Plan should be monitored and reviewed on a regular basis to ensure that it meets the regulatory requirements and the expected waste generation rates outlined in Section 3.3. The Owners Corporation will be responsible for monitoring the Waste Management Plan. Where required, the Owners Corporation should undertake a waste audit to identify any modifications and/or improvements to the waste management system.

6.5. Occupational Health and Safety Risk Assessment

Further to the occupation of the residential development, the property manager will ensure the waste collection arrangements comply with the relevant occupational health and safety (OH&S) guidelines including WorkSafe Victoria's *Occupational Health and Safety Guidelines for the Collection, Transport and Unloading of Non-hazardous Waste and Recyclable Materials* (June 2003).

Additionally, the property manager will ensure the nominated private contractor completes a risk assessment, provides staff training and implements safety procedures to address the risks associated with waste management activities, including manual bin handling, bin transfers and cleaning of waste equipment.

7. Contact Information

Table 23 provides a list of common waste collection service contractors and waste equipment suppliers. The Owners Corporation is not obligated to procure goods/services from the following suppliers and reserves the right to choose their own preferred suppliers.

Traffix Group does not make representations for the goods/services provided by the suppliers listed below.

Table 23: Supplier Contact Information

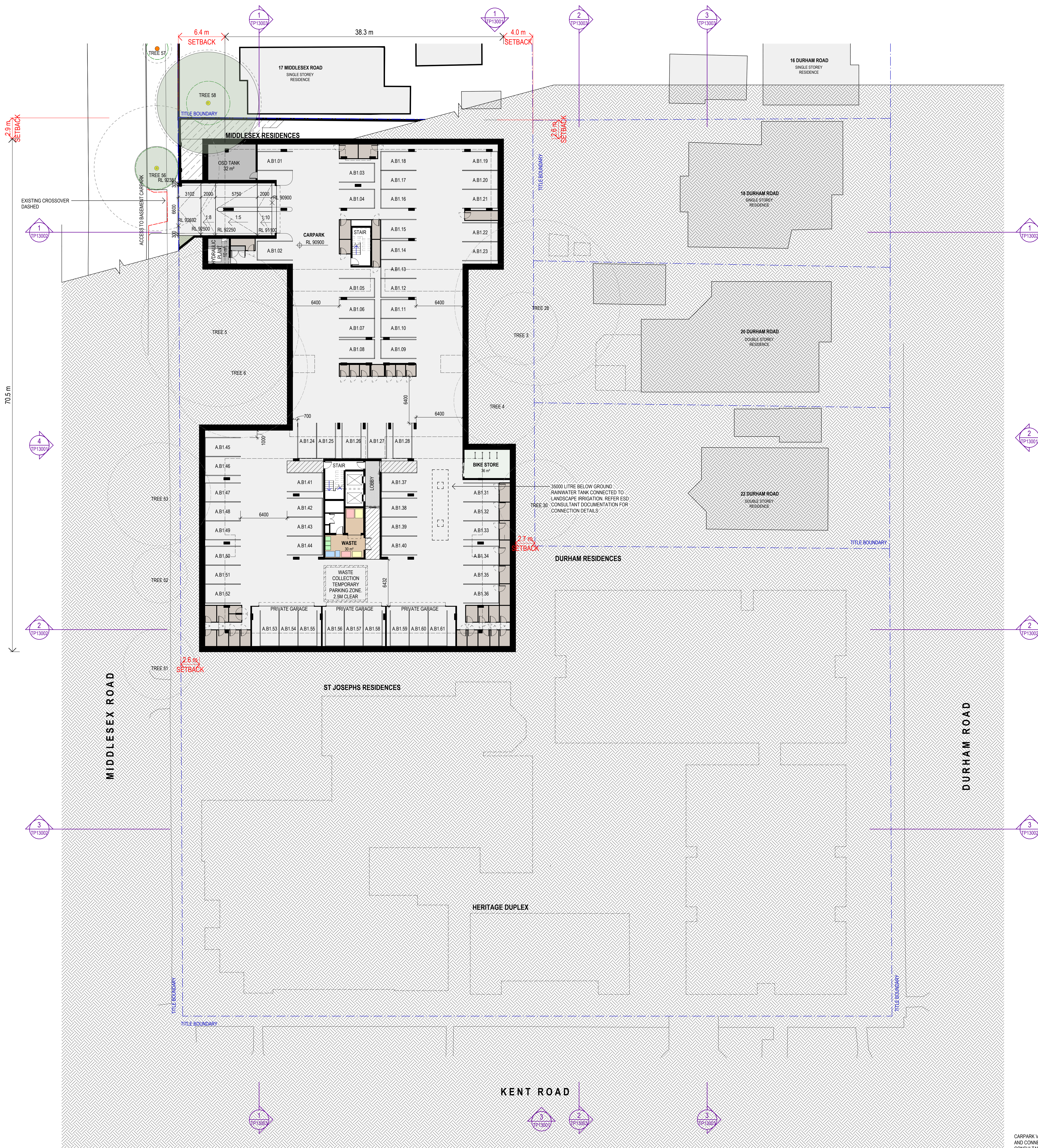
Service Type	Business Name	Phone	Website
Private Waste Collectors	Citywide Waste	03 9261 5000	www.citywide.com.au
	Cleanaway	13 13 39	www.cleanaway.com.au
	Veolia	13 29 55	www.veolia.com/anz
	JJ Richards	03 9794 5722	www.jjrichards.com.au
	Waste Wise Environmental	1300 550 408	www.wastewise.com.au
	Kartaway	1300 362 362	www.kartaway.com.au
	iDump	1300 443 867	www.idump.com.au
	Waste Ninja	1300 648 088	www.wasteninja.com.au
E-Waste Collection	TechCollect	1300 229 837	www.techcollect.com.au
Equipment Supplier	Sulo Australian (bin supplier)	03 9357 7320	www.sulo.com.au
	Mr Wheelie Bin (bin supplier)	03 9912 2850	www.mrwheeliebin.com.au
	Electrodrive (tug supplier)	1300 934 471	www.electrodrive.com.au
	Warequip (tug supplier)	1800 337 711	www.warequip.com.au
	Wastech Engineering (compactors & chutes)	1800 465 465	www.wastech.com.au
	Elephants Foot (compactors & chutes)	1300 435 374	www.elephantsfoot.com.au
	ASI JD MacDonald (chutes)	1800 023 441	www.jdmacdonald.com.au
	Eco-safe Technologies (odour control system)	1300 135 039	www.eco-safe.com.au

Service Type	Business Name	Phone	Website
Bin Washing Services	The Bin Butlers	1300 788 123	www.thebinbutlers.com.au
	WBCM Environmental Australia	1300 800 621	www.wbcm-aust.com.au
	Kerbside Clean-A-Bin	03 9588 1944	www.kerbsidecleanabin.com.au



Appendix A

Development Plans



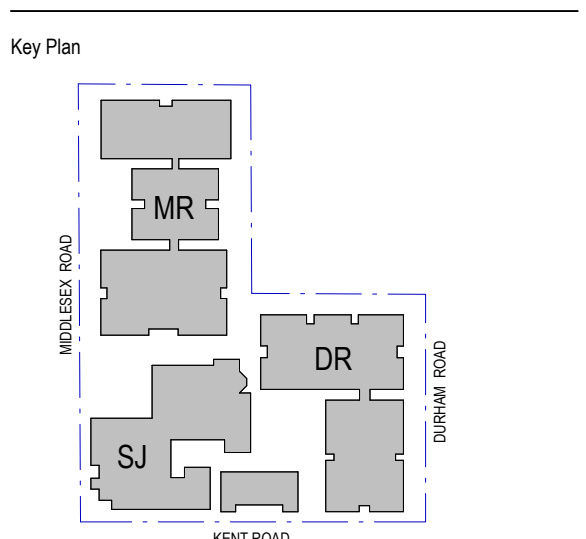
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#	Status	Description	Date
A	For Information	For Information	02/10/2025
B	For Information	For Information	14/10/2025
C	For Information	For Information	17/10/2025
D	For Information	DTP Pre-App	20/10/2025
E	For Information	For Review	23/10/2025
F	For Information	Coordination Meeting	05/12/2025
G	For Information	Team Planning Draft	23/12/2025
H	For Information	For Review	16/01/2026
J	For Information	Team Planning Submission	06/02/2026
1	For Information	DTP Team Planning Submission	13/02/2026
2	For Information	DTP Team Planning Submission	26/02/2026

Notes
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 Do not scale drawings.

BN LEGEND

[Yellow Box]	RECYCLING
[Red Box]	GENERAL WASTE
[Blue Box]	GLASS RECYCLING
[Green Box]	GREEN WASTE



Project
Kent Road Residences

Client
Antipodean Land Developments

W-B
WOODS BAGOT

Project number: 131135
 Size check: 25mm

Checked: RC Approved: BP Sheet size: A0 Scale: 1:200

Sheet title
**Overall Plan
 Level B1 (Basement)**

Sheet number: **A - TP12008** Revision: 2
 Status: **For Information**

CARPARK VENTILATION FANS DRIVEN BY VSD MOTOR AND CONNECTED TO CO SENSORS - REFER ESD CONSULTANT DOCUMENTATION

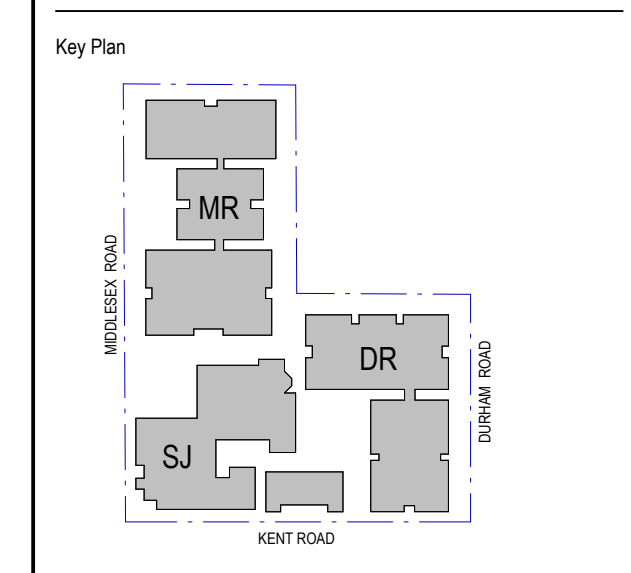
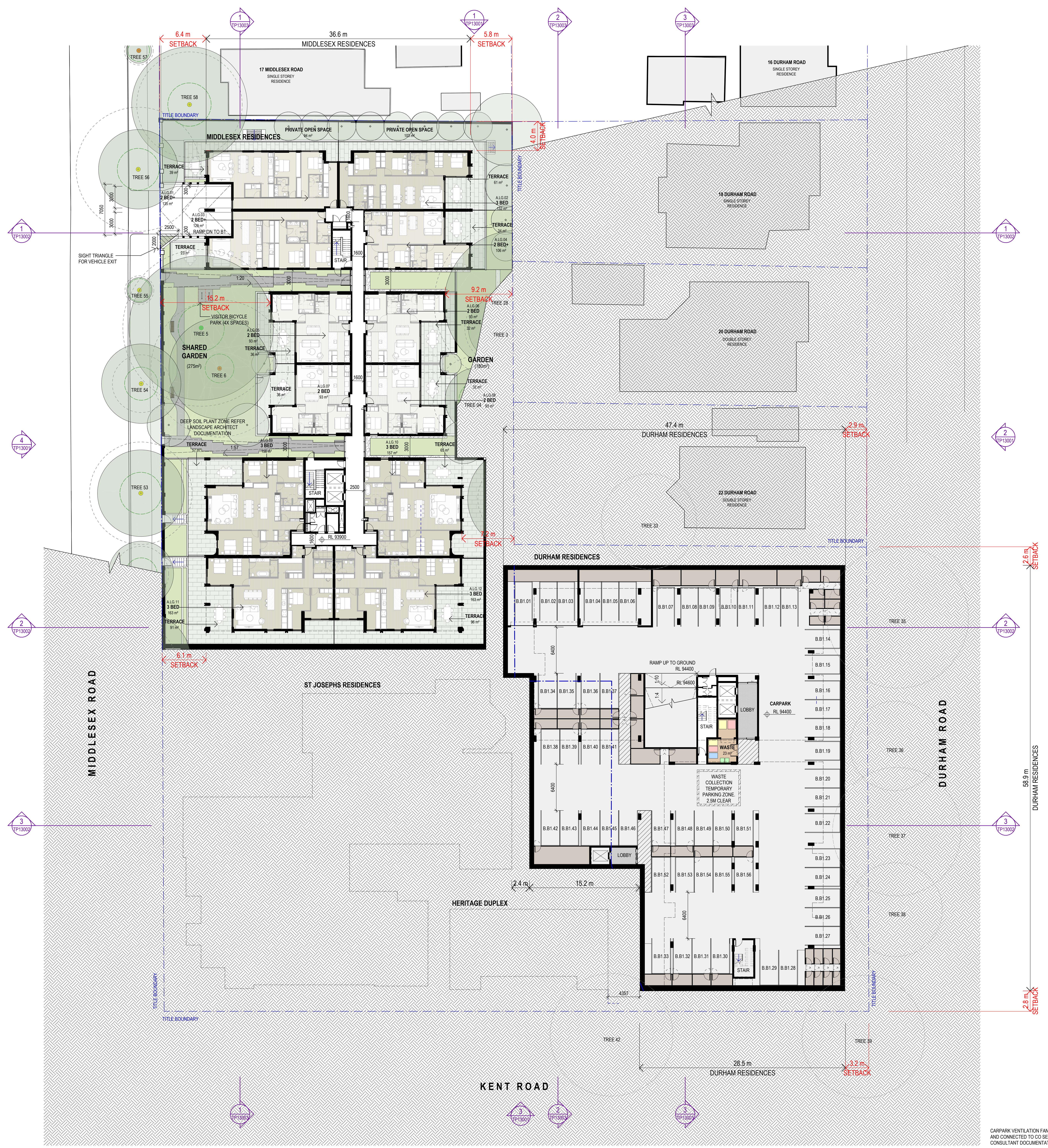
Recent revision history

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B	For Information	For Information	14/10/2025
C	For Information	For Information	17/10/2025
D	For Information	DTP Pre-App	20/10/2025
E	For Information	For Review	23/10/2025
F	For Information	Coordination Meeting	05/12/2025
G	For Information	Town Planning Draft	23/12/2025
H	For Information	For Review	16/01/2026
J	For Information	Town Planning Submission	06/02/2026
1	For Information	DTP Town Planning Submission	13/02/2026
2	For Information	DTP Town Planning Submission	26/05/2026

Notes
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 Do not scale drawings.

BN LEGEND

	RECYCLING
	GENERAL WASTE
	GLASS RECYCLING
	GREEN WASTE



Project
 Kent Road Residences

Client
 Antipodean Land Developments

Issue
W-B
WOODS BAGOT

Project number
 131135

Size check
 25mm

Checked
 Approved

Sheet size
 A0

Scale
 1: 200

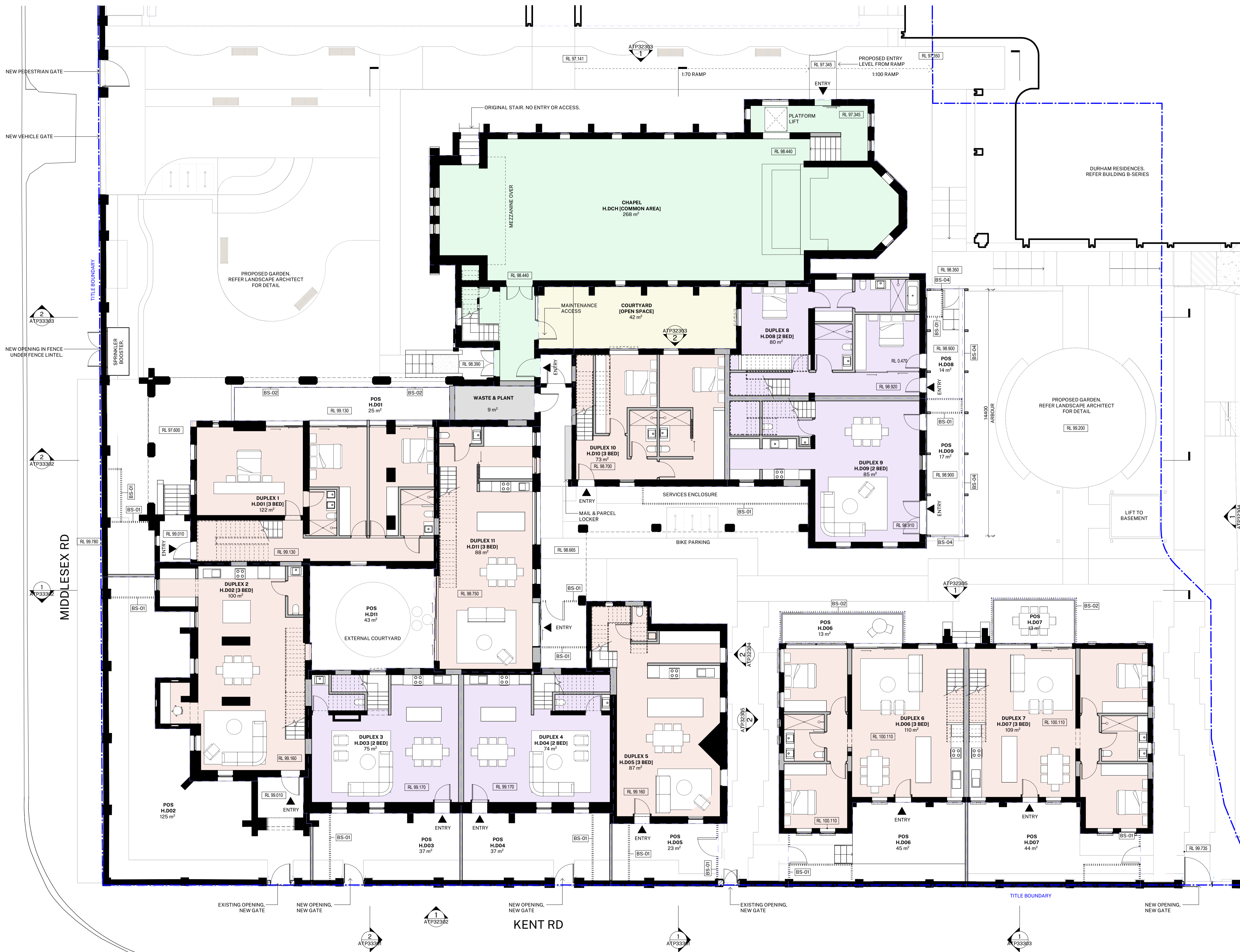
Sheet title
 Overall Plan
 Level LG (Lower Ground)

Sheet number
A - TP12009

Revision
2

Status
 For Information

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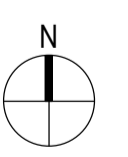


LEGEND

- EXISTING WALLS
- PROPOSED WALLS & INFILL

TP00 13.02.26 DTP TOWN PLANNING SUBMISSION

STAGE **PLANNING APPLICATION**
STATUS



KTA

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kta@kerstinthompson.com
www.kerstinthompson.com

PROJECT KENT ROAD
AT 01 KENT ROAD, SURREY HILLS
VICTORIA
FOR ATPODEAN
CODE 2535
DRAWING TITLE
ST JOSEPHS LEVEL 00

DRAWING NUMBER **ATP22300** REVISION **TP00**
1:100 at A1 13.02.26
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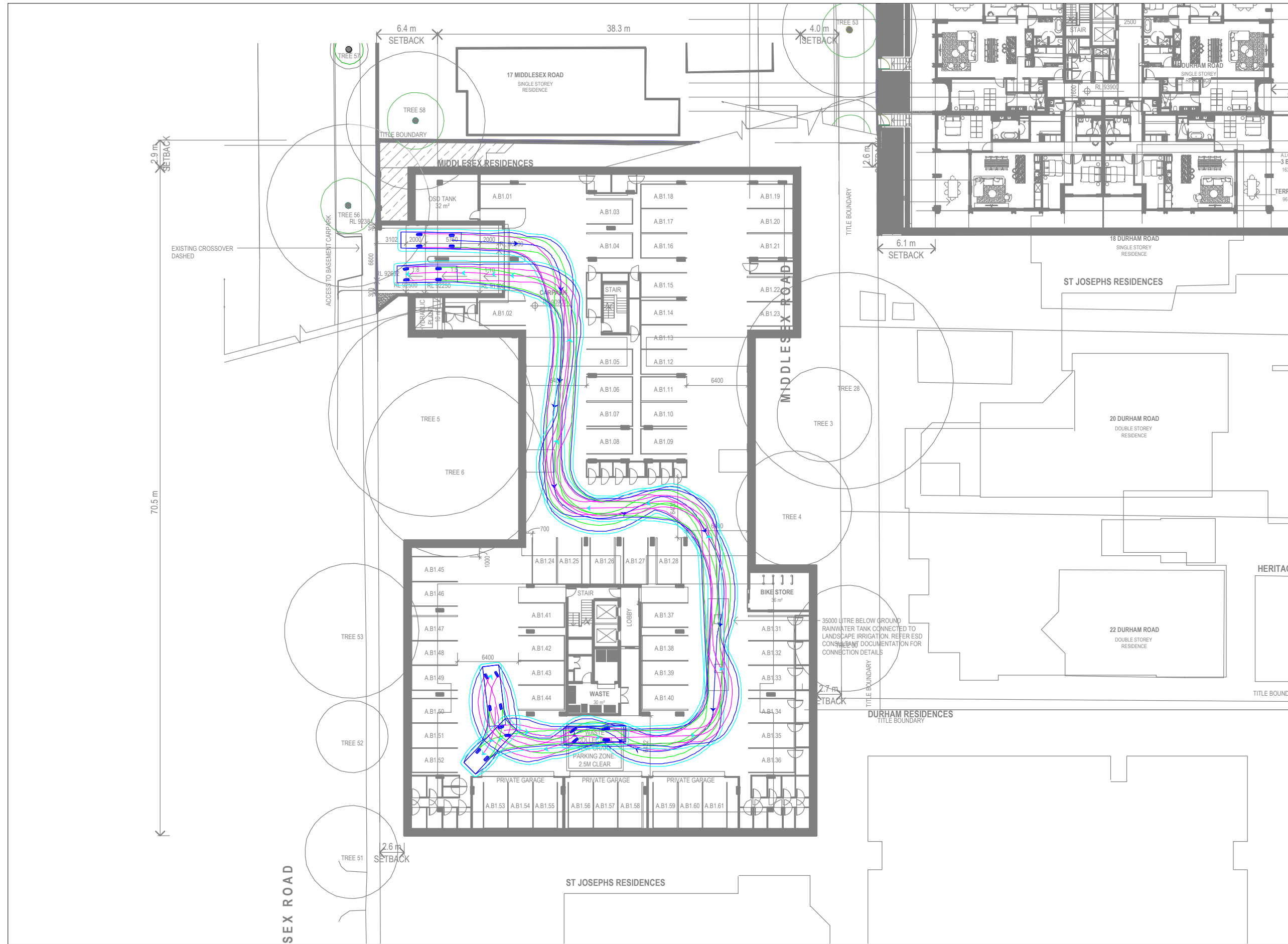


Appendix B

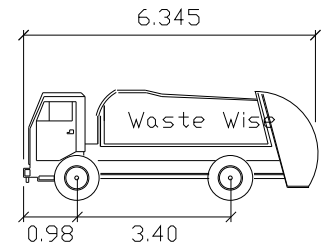
Swept Path Diagrams

BUILDING A 6.4m WASTE VEHICLE CIRULATION

VEHICLE PROFILE



VEHICLE USED IN SIMULATION



Waste Wise Mini (Hino 300)
 Width : 1.7m
 Front Track : 1.4m
 Rear Track : 1.44m
 Kerb to Kerb Radius : 12.4m

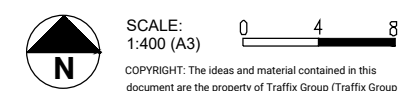
LEGEND
 REAR WHEELS (Pink line)
 FRONT WHEELS (Green line)
 VEHICLE BODY (Blue line)
 BODY CLEARANCE (Cyan line)

REV	DATE	NOTES	DESIGNED BY	CHECKED BY
A	13/02/2026	TOWN PLANNING	S. STEPHENSON	L. FURNESS
B	25/05/2026	AMENDMENT	J. YOUNG	L. FURNESS

**1 KENT ROAD, SURREY HILLS
 PROPOSED RESIDENTIAL DEVELOPMENT**

GENERAL NOTES:
 BASE INFORMATION FROM: A-TP12011_J - 12
 Overall Arrangement Plans - Level B1, -Level LG,
 - Level G, - Level 01
 DRAWINGS BY: Woods Bagot

FILE NAME: G37216-01
SHEET NO.: 02

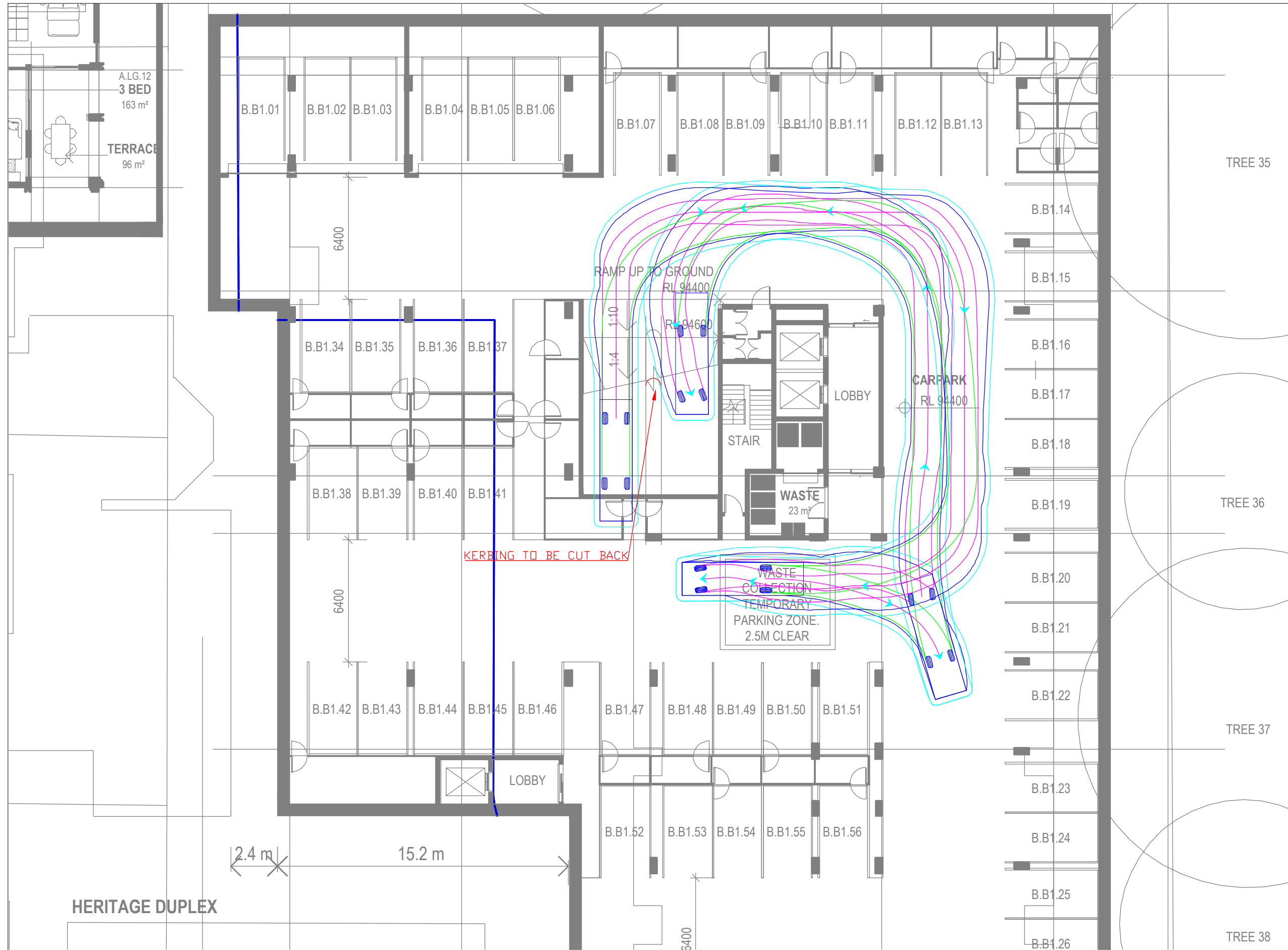


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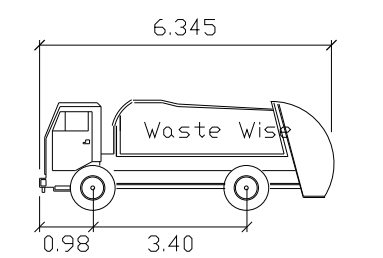
Traffix Group
 Level 28, 459 Collins St, MELBOURNE VIC 3000
 T: (03) 9822 2888
 www.traffixgroup.com.au

BUILDING B 6.4m WASTE VEHICLE CIRULATION

VEHICLE PROFILE



VEHICLE USED IN SIMULATION



Waste Wise Mini (Hino 300)
 Width : 1.7m
 Front Track : 1.4m
 Rear Track : 1.44m
 Kerb to Kerb Radius : 12.4m

LEGEND
 REAR WHEELS (magenta line)
 FRONT WHEELS (green line)
 VEHICLE BODY (blue line)
 BODY CLEARANCE (cyan line)

REV	DATE	NOTES	DESIGNED BY	CHECKED BY
A	13/02/2026	TOWN PLANNING	S. STEPHENSON	L. FURNESS
B	25/05/2026	AMENDMENT	J. YOUNG	L. FURNESS

1 KENT ROAD, SURREY HILLS
 PROPOSED RESIDENTIAL DEVELOPMENT

GENERAL NOTES:
 BASE INFORMATION FROM: A-TP12011_J - 12
 Overall Arrangement Plans - Level B1, -Level LG,
 - Level G, - Level 01
 DRAWINGS BY: Woods Bagot

FILE NAME: G37216-01
SHEET NO.: 05



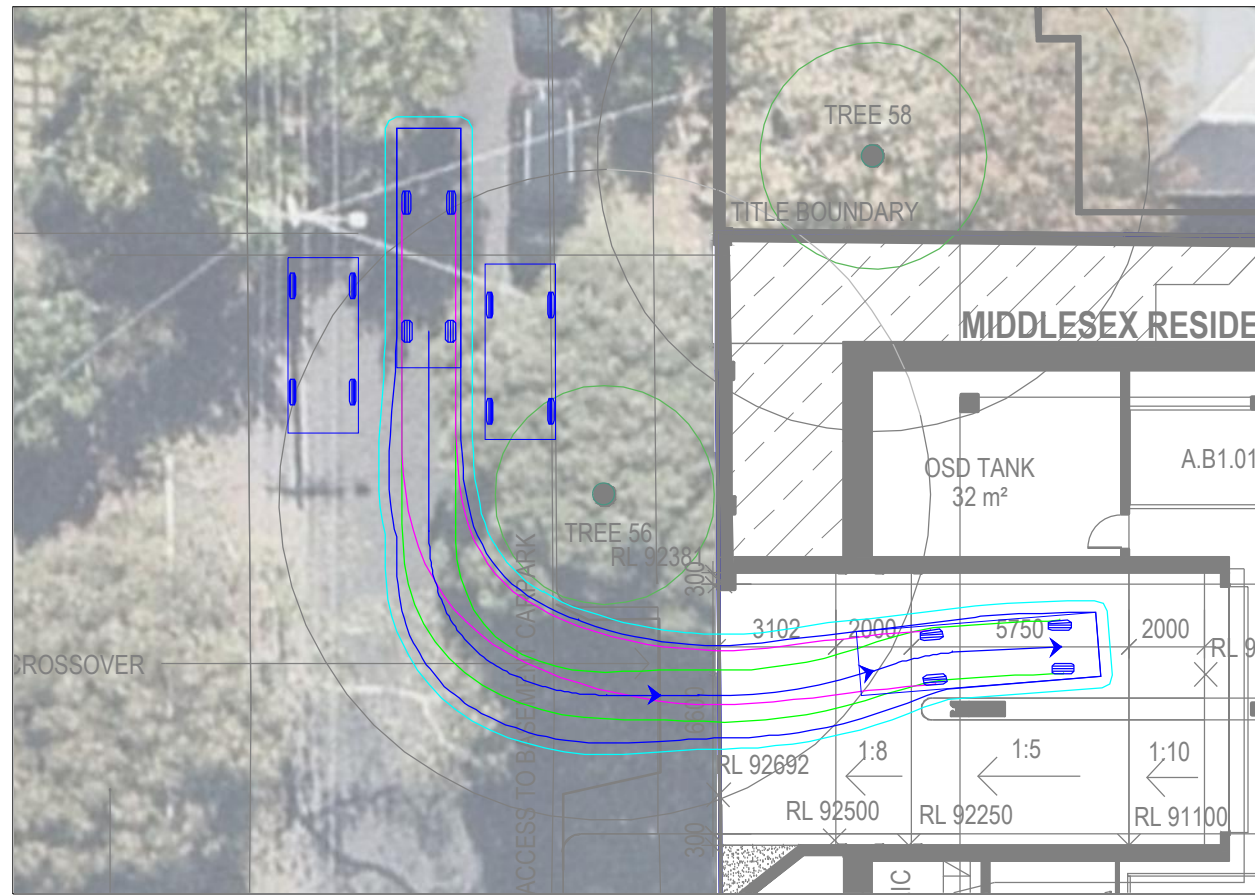
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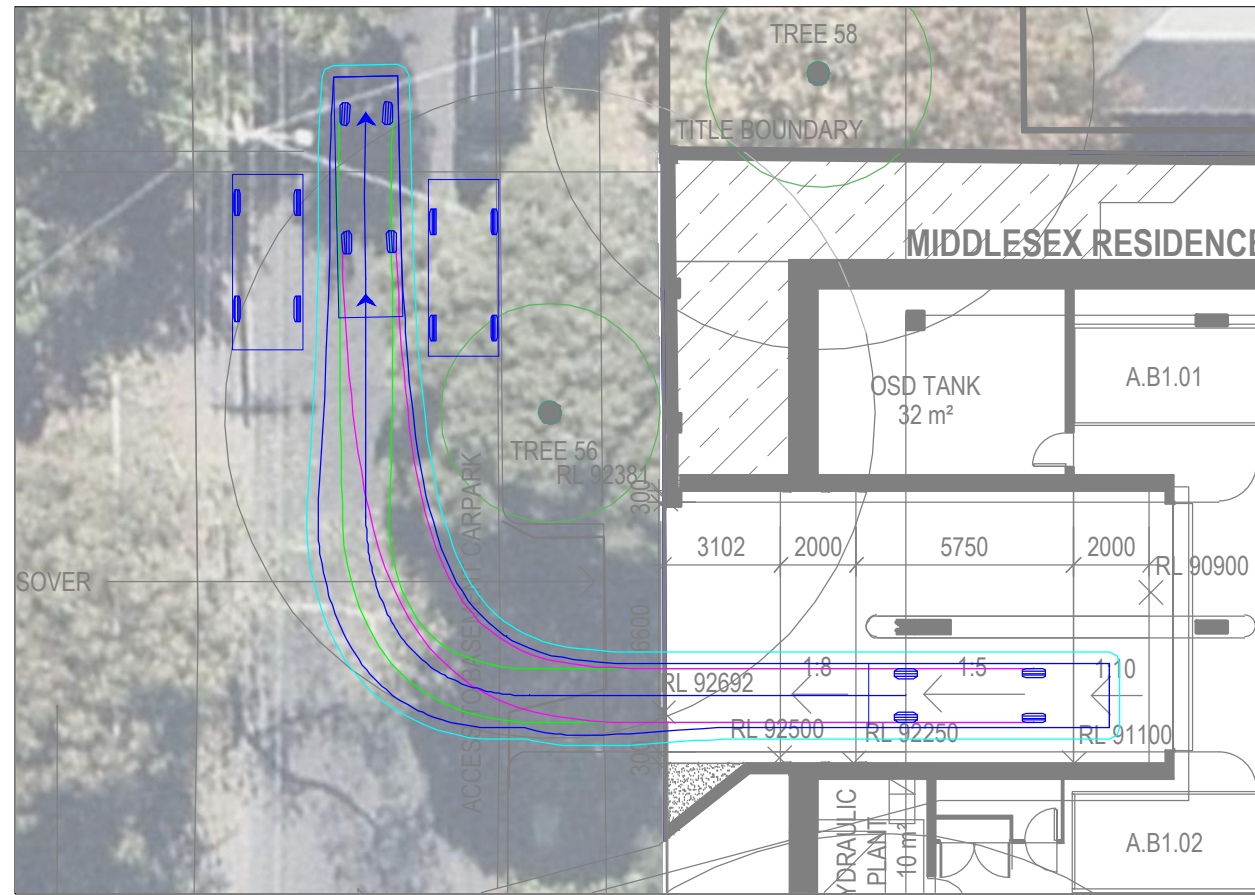


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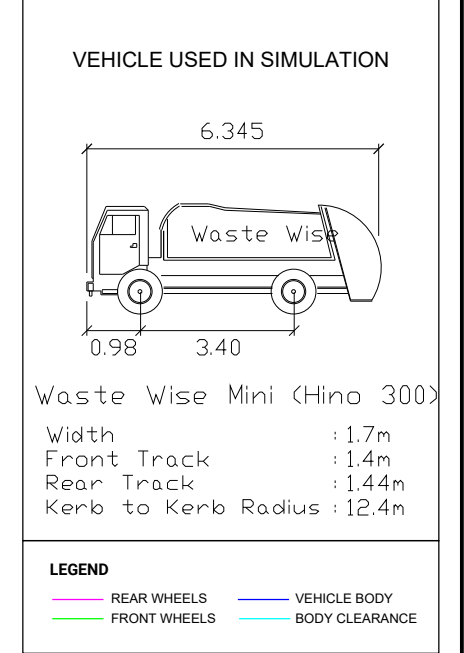
WASTE TRUCK - SITE INGRESS



WASTE TRUCK - SITE EGRESS



VEHICLE PROFILE



REV	DATE	NOTES	DESIGNED BY	CHECKED BY
A	13/02/2026	TOWN PLANNING	S. STEPHENSON	L. FURNESS
B	25/05/2026	AMENDMENT	J. YOUNG	L. FURNESS

1 KENT ROAD, SURREY HILLS
 PROPOSED RESIDENTIAL DEVELOPMENT

GENERAL NOTES:
 BASE INFORMATION FROM: A-TP12011_J - 12
 Overall Arrangement Plans - Level B1, -Level LG,
 - Level G, - Level 01
 DRAWINGS BY: Woods Bagot

FILE NAME: G37216-01
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