WASTE MANAGEMENT PLAN

297-307 Roslyn Road, Highton

Revision C

23/02/2026

[redacted]

CONTENTS

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DOCUMENT CONTROL:

REVISION	DATE ISSUED	AUTHOR	REVIEWED	DESCRIPTION
A	22.10.2025	TA	FM	TP-Prelim
A	28.10.2025	TA	-	TP-Final
B	18.12.2025	TA	-	TP-Final
C	23.02.2026	TA	-	TP-Final

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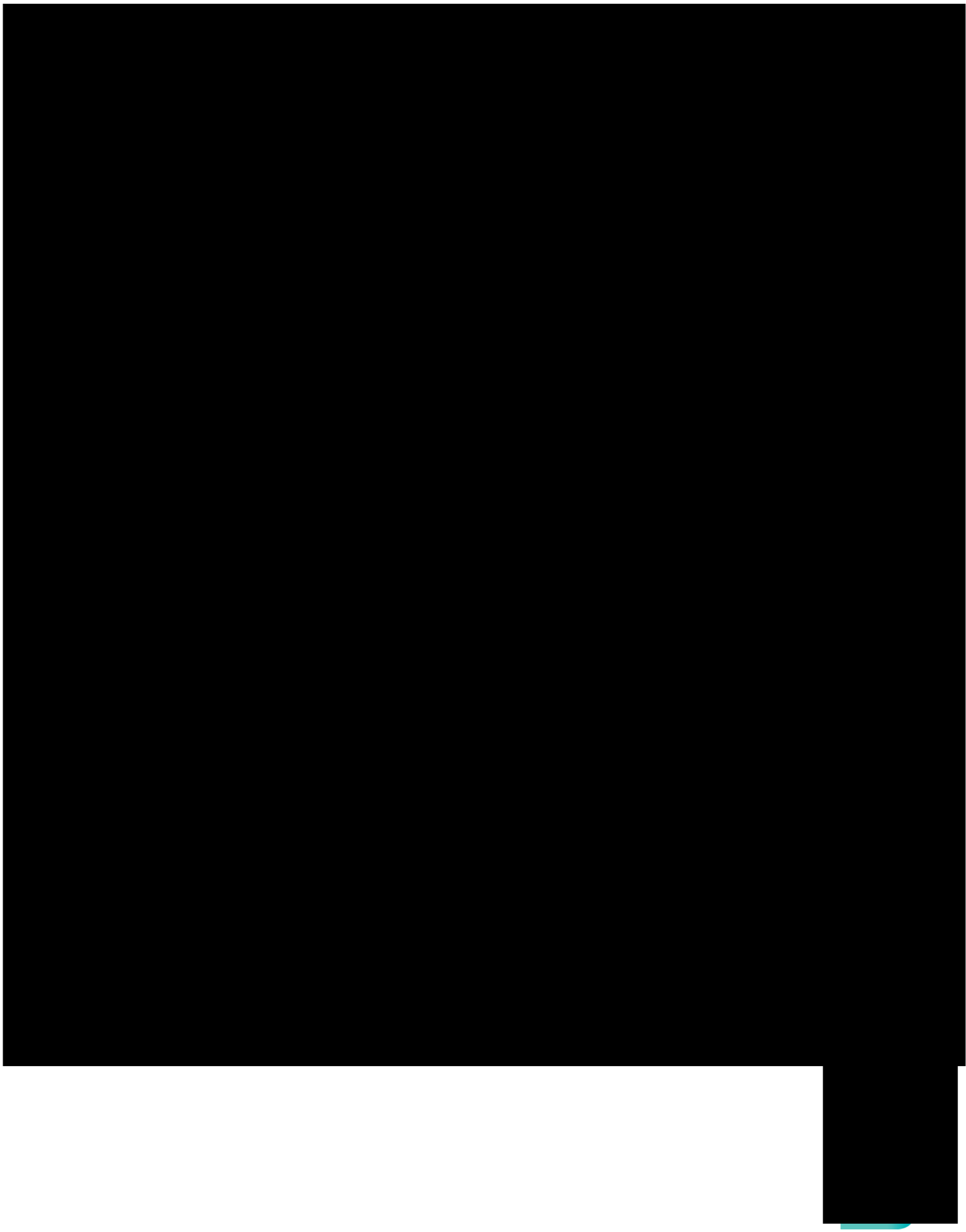

1. EXECUTIVE SUMMARY

Th[redacted]has been commissioned to prepare a Waste Management Plan (WMP) for the proposed childcare development at **297-307 Roslyn Road, Highton**. Commercial waste is proposed to be stored on-site within a designated Bin Area located in the Dry Court & Refuse Area.

Garbage, organics, recycling and **glass waste** will be collected by an appointed private contractor, subject to the following requirements:

- 3 x 360L garbage bins – collected twice weekly
- 1 x 360L organic bins – collected twice weekly
- 3 x 360L recycling bins – collected twice weekly
- 1 x 240L glass bins – collected twice weekly
- Hard waste – on demand

The waste collection vehicle will enter the subject site from Rosyln Road and proceed to the carpark to undertake all collection services. The vehicle must enter, navigate and exit the carpark in a safe, forward manner. Additionally, to avoid any disruption, waste collection will be outside the childcare's operating hours by a mini rear-loader truck.

Furthermore, the Facility Operator is required to publish and distribute waste-related rules and educational materials to all future commercial users. The information package shall include, but not be limited to, the following:

- **A copy of this Waste Management Plan**, which provides an overview of the operational waste management system, including the available waste streams, collection schedule and procedures, and the location and usage of the relevant waste equipment.
- A **detailed description of the commercial user's obligations** regarding the use, storage, collection cleanliness and litter prevention of the proposed waste facilities, as well as the **Facility Operator's responsibilities** in maintaining and improving waste facilities and programs.
- Guidance on recycling practices and recommended strategies to minimise contamination and promote waste reduction.

Overall, the inspected documents indicate that adequate provisions have been provided for onsite bin storage based on the estimated waste generation and collection frequencies. However, if the waste system fails to cope, the Facility Operator will be responsible for making the necessary operational adjustments.

[redacted]

2. PROJECT INFORMATION

[redacted]td has been engaged to prepare a Waste Management Plan (WMP) for the proposed development.

Municipality:	**Greater Geelong City Council**
Planning Application Number:	**PP-909-2025**
Site Address:	**297-307 Roslyn Road, Highton**
Total Site Area:	**2631 m²**
Project Description:	**Proposed Childcare**
TUL Reference Number:	**N76**

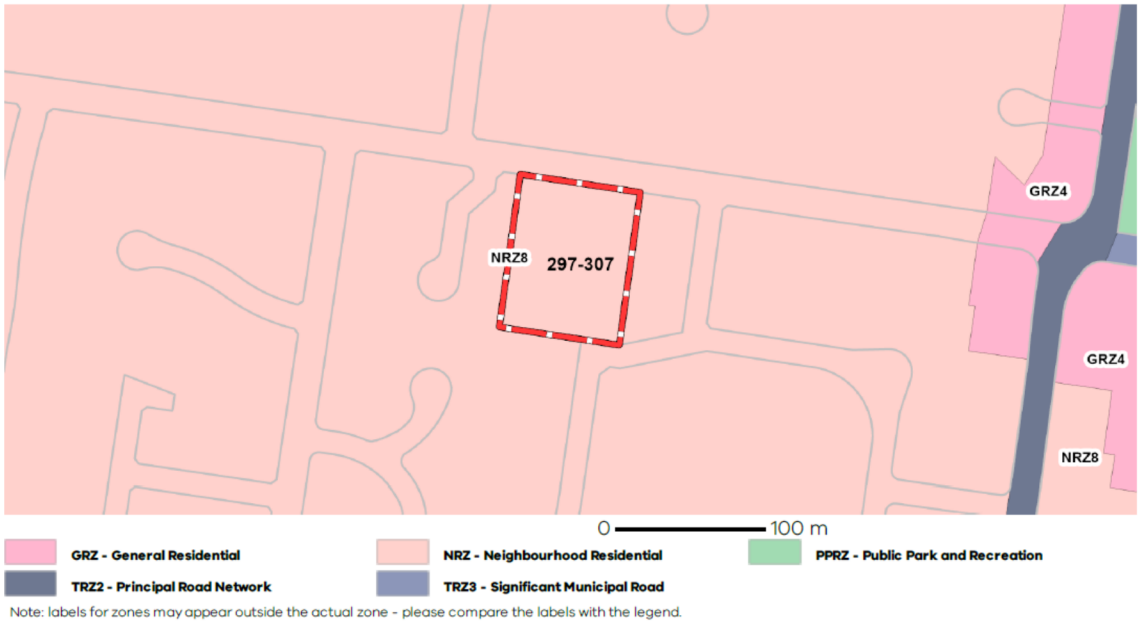

Figure 1: Zoning Map (source: planning.vic.gov.au)

All results generated by this report are based on:

- Town Planning Drawings prepared by [redacted]**ts,** dated **September 2025.**
- **City of Greater Geelong RFI PP-909-2025,** dated **03.11.2025.**

Please note: This Waste Management Report is only applicable to the operational phase of the development. It is not relevant to any demolition or construction works to be undertaken on site.

[redacted]

3. SITE AND DEVELOPMENT DESCRIPTION

3.1 Subject Site

The proposed development is situated within the Neighbourhood Residential Zone (NRZ) of Greater Geelong, approximately 83.9 km south-west of Melbourne's CBD, wherein surrounding premises are predominantly residential.

The site currently occupies a single-storey dwelling, which is slated for demolition to make way for the new development. The proposed childcare centre is designed to accommodate 116 children and at least 35 employees. The development will also feature on-site car parking at the front of the property and an outdoor play area positioned at the rear.

The site currently fronts Roslyn Road to the north and Remony Avenue at the rear. Vehicle access is from a proposed crossover to the north-east corner of the subject site. No parking restrictions are currently in place. Refer to **Figure 2** below.

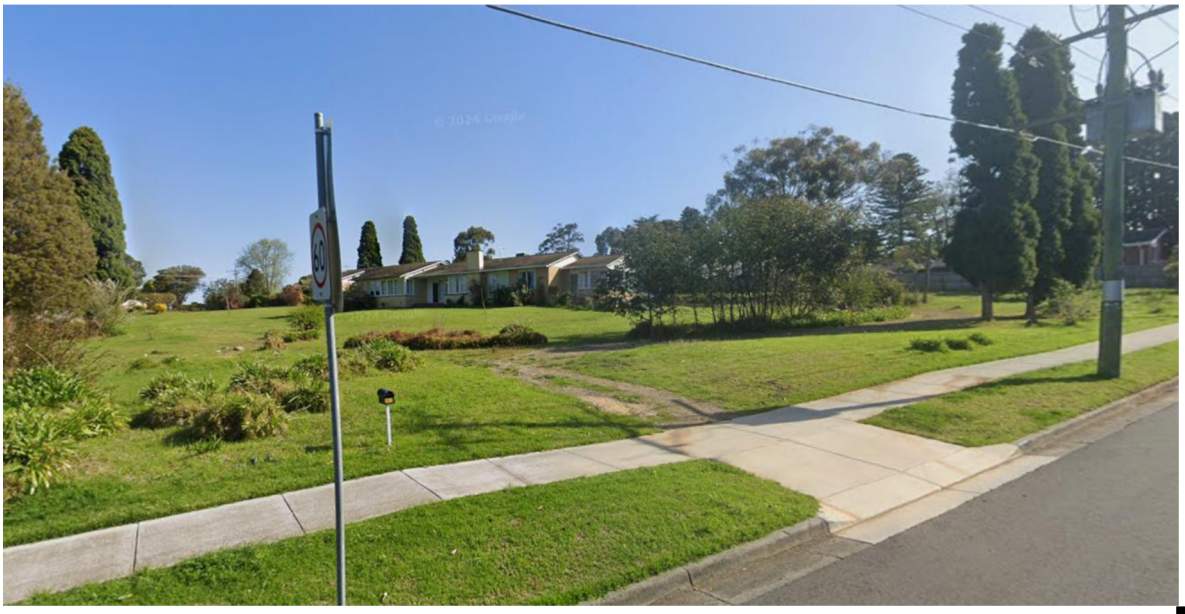

Figure 2: Site Frontage (source: Google)

3.2 Proposed Development

The Proposed Childcare is intended to operate at least 5 days per week. The summary of the proposed development is tabulated in **Table 1** below:

Table 1: Development Summary

LEVEL	DESCRIPTION
Ground	Carpark, Dry Court, Refuse area, Staff Room, Planning, Locker area, WC, Pram Store, Entry, Reception, Office, Meeting, Laundry, Kitchen, Childcare Rooms 1-6, Piazza, Cot Rooms, Child WC, Store/Prep, Acc WC and Playground.

4. ESTIMATED WASTE GENERATION

The State Government of Victoria has released their 'Recycling Victoria: A new economy' policy, which outlines the future of waste and recycling services for the state by cutting waste and boosting recycling and reuse of precious resources. The policy involves the implementation of a new four-stream waste and recycling, which incorporates a compulsory provision for food and garden organics (FOGO) and glass collection to all developments. **The system is being rolled out in a staged transition and may be subject to change.**

In response to aforementioned policy, this Waste Management Plan will adopt typical garbage and recycling waste generations rates from the *Waste Management and Recycling in Multi Unit Developments Better Practice Guide* by Sustainability Victoria and the *2021 Guidelines for Waste Management Plans* by the City of Melbourne. Refer to **Tables 2** and **3** below.

Table 2: Commercial Waste Generation Rates

WASTE SOURCE	TYPICAL WASTE GENERATION RATE	ADJUSTMENT RATIOS	ADJUSTED WASTE GENERATION RATE
Staff room, Planning, Locker area, WCs, Acc WC, Reception, Office and Meeting (93.9 m²)	***Warehouse/Office Rate*** **GA - 10L/100m²/day REC - 10L/100m²/day**	**GARBAGE / ORGANICS: 80 / 20 RECYCLING / GLASS: 80 / 20**	**GA – 8L/100m²/day OR – 2L/100m²/day REC – 8L/100m²/day GL – 2L/100m²/day**
Childcare Rooms 1-6, Child WCs, Store/Prep, Piazza, Kitchen, Cot Room and Laundry (631.2 m²)	***Childcare Rate*** **GA - 350L/100m²/day REC - 350L/100m²/day**	***GARBAGE / ORGANICS: 70 / 30 RECYCLING / GLASS: 80 / 20**	**GA – 245L/100m²/week OR – 105L/100m²/ week REC – 280L/100m²/ week GL – 70L/100m²/ week**

*Please Note: The waste generation rates presented above are based on a childcare development typology. According to a report by the Environment Protection Authority, food waste typically accounts for approximately 30% of the total waste generated in early childhood centres in Victoria.[1]

[redacted]

[1] https://heas.health.vic.gov.au/news-events/reducing-food-waste-at-your-early-childhood-service/

Table 3: Estimated Waste Generation

WASTE SOURCE	TOTAL GARBAGE	TOTAL ORGANICS	TOTAL RECYCLING	TOTAL GLASS
Staff room, Planning, Locker area, WCs, Acc WC, Reception, Office and Meeting ($93.9\ m^2$)	38L	9L	38L	9L
Childcare Rooms 1-6, Child WCs, Store/Prep, Piazza, Kitchen, Cot Room and Laundry ($631.2\ m^2$)	1546L	663L	1767L	442L
Total (Weekly)	1584L	672L	1805L	451L
Total (Twice Weekly)	792L	336L	903L	226L

Please Note:

- *The Facility Operator must organise the collection of other waste streams as required.*
- *Subject to stakeholders' preference/capability (and as built constraints), bin sizes and quantities can be changed. Also, recyclables can be either commingled or split into bins for separate recycling streams.*

5. SYSTEM AND SIZE

- The various collection waste-streams are summarised below:

  - **Garbage**: Rubbish and other items that cannot be reused, recycled or composted. For collection purposes, garbage shall be stored within collection bins.

  - **Recycling**: This may include items such as paper, cardboard, cartons, aerosol cans, polyethylene terephthalate (PET), aluminium, steel, and HDPE containers. All recyclables shall be commingled into one collection bin.

  - **Organics:** This may include all garden waste for green resource recovery and food waste.

    - **Garden waste:** Waste produced by garden sources. Examples include: grass clippings, leaves, weeds, garden pruning. Based on minor landscaping, minimal garden waste generation is anticipated (however, the Facility Operator shall engage a contractor, if required).

    - **Food waste**: Any food that is discarded or lost uneaten, such as fruit and vegetable scraps. Most food waste is avoidable and should be disposed of in a more sustainable way (avoid the landfill).

  - **Glass**: In line with the Victorian Government's four-bin waste and recycling system, glass jars and bottles shall be separated from other recyclables to reduce contamination and improve the quality of the recycling process.

  - **E-waste**: This may include discarded electrical or electronic equipment with a power cord or battery and its corresponding parts. Examples include computers, mobile phones, kitchen appliances and white goods. The Victorian Government has been banned e-waste from Victoria's landfill. The disposal of items classified under this category shall be organised with the assistance of the Facility Operator and an approved e-waste service provider. No electronic waste is to be stored in the general waste bins. Commercial users are to be encouraged to recycle any electric waste.

  - **Hard Waste**: Bulky items that would not be collected in typical waste collection service, such as furniture and whitegoods.

  - **Other Waste Streams:** This may include hard, liquid and detox wastes (paint/chemicals). If required, the disposal of items classified under this category shall be organised with the assistance of the Facility Operator and the chosen contractor. Alternatively, such items can also be dropped off at specific collection and recovery points around the municipality. Please refer to the City of Greater Geelong's Recycling A-Z guideline for further details.

The bin storage requirements for the proposed development are presented in **Table 4** below.

Table 4: Bin Storage Requirements for the proposed development

PROPERTY TYPE	WASTE STREAMS	BIN SIZE	BIN AREA	QUANTITY	TOTAL BIN AREA
Proposed Childcare	Garbage	360L	0.53 m^2	3	3.12 m^2
	Organics	360L	0.53 m^2	1	0.53 m^2
	Recycling	360L	0.53 m^2	3	3.12 m^2
	Glass	240L	0.43 m^2	1	0.43 m^2
	Hard Waste	-	1 m^2	-	1 m^2

Please note:

- *Should the demand for glass waste streams increase in the future, it is the responsibility of the Facility Operator to make the necessary arrangements to the waste management system.*

Figure 3: Private bins should be colour coded in line with AS 4123.7-2008.

[redacted]

6. WASTE FACILITIES AND ACCESS

- The waste management facilities for the proposed development are detailed below:

  - **General Waste Management**: A dedicated Bin Area is proposed on the Ground Level, next to the meeting room and carpark turning bay. Refer to **Figure 4** below.

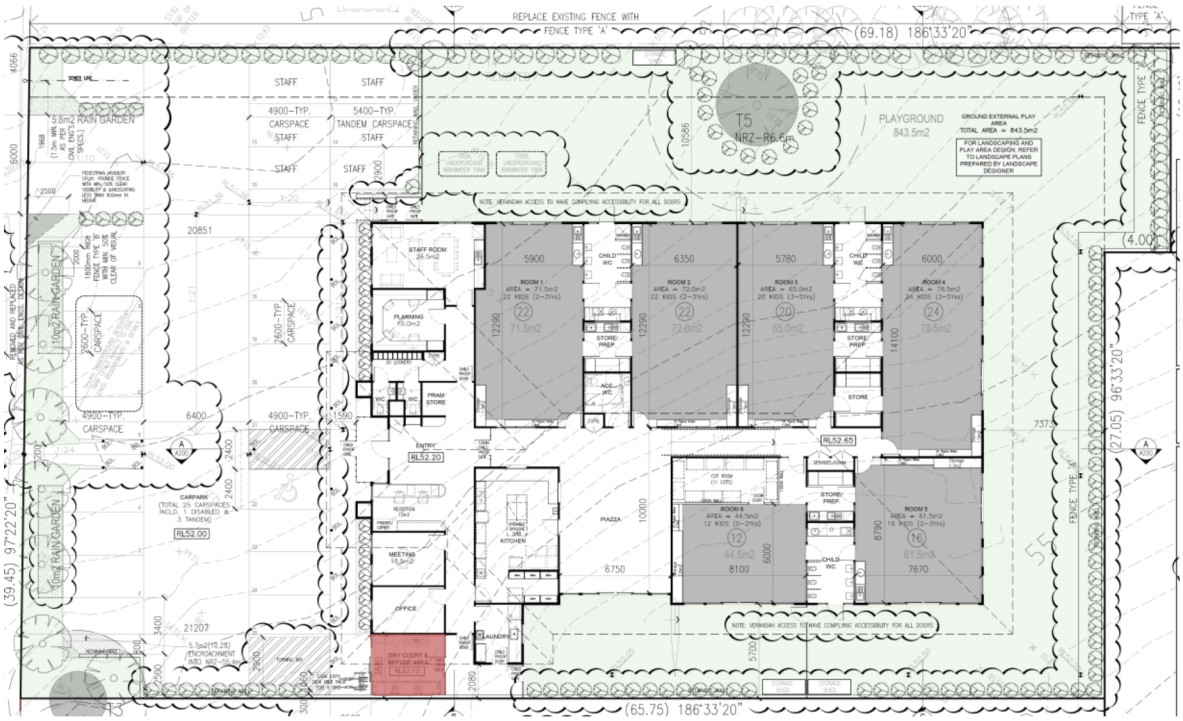

Figure 4: Bin Location (source: Google)

  - All commercial users will manually place garbage, recycling, organics and glass waste into the appropriate collection bins located within the Bin Area. If required, use a suitable trolley.

  - Access to the Bin Area will be via the carpark located at the front of the development and is accessible via Roslyn Road at the front. Refer to **Figure 5 and Appendix 2** for further details.

Figure 5: Site Frontage (source: Google)

7. TOTAL DESIGNATED BIN STORE AREA & NO. OF BINS

Table 5 outlines the required and available bin area and demonstrates that the provided bin storage is adequate for the proposed development.

Table 5: Bin Store Area Requirements

TOTAL NUMBER OF BINS TO BE STORED	REQUIRED BIN STORE AREA	AVAILABLE BIN STORE AREA
8 bins	*8.2 m^2*	*8.4m^2*

8. RECOMMENDED COLLECTION SERVICE

Garbage, Recycling, Organics and Glass

- Based on anticipated waste generation, municipal services will be insufficient and require a substantial onsite storage facility. **Therefore, it is recommended that a private contractor be engaged to collect commercial waste.**
- Private bins would remain within the subject site. The appointed contractor is responsible for emptying the bins and returning them.
- The utilizing of bulk bins is recommended. This must be organised by the appointed Facility Operator.

Hard Waste

- The Facility Operator shall also organise and appoint a private contractor to collect hard waste.
- Alternatively, items classified under this category can also be taken directly to the nearest local waste recovery centre: **(Interim) Geelong Resource Recovery Centre**, located on 21 Slevin St, North Geelong.
    - Please note, at the time of this report's writing, the City of Greater Geelong has established an interim Geelong Resource Recovery Centre (GRRC) to prioritise the collection of the most commonly dropped-off recyclable materials. This temporary facility has been introduced due to the ongoing redevelopment of the main site located at 100 Douro Street. For more information please visit for further details: https://www.geelongaustralia.com.au/recycling/article/item/8ddf5339f3d1d92.aspx.

9. COLLECTION FREQUENCY

- **Table 6** below indicated the proposed waste collection frequency for the proposed childcare development:

Table 6: Bin Collection Frequency

WASTE	COLLECTION FREQUENCY
Garbage	***2 x Weekly***
Organics	***2 x Weekly***
Recycling	***2 x Weekly***
Glass	***2 x Weekly***
Hard Waste	***Upon Request***

[redacted]

10. COLLECTION ARRANGEMENTS

- The collection service must be carried out within property boundaries.
- Upon the agreed collection timeframe, the waste collection vehicle shall enter and safely park along the front carpark to complete collection services. Adequate entrance design onto the site has been provided. The contractors shall disembark and transfer the bins from the Bin area onto their truck and back again.
- The Facility Operator is to ensure all engaged contractors be given appropriate site access.
- The collection vehicle shall turn within the carpark to exit the site in a forward, safe manner. Refer to **Appendix 3**.
- Waste collection is to be scheduled outside the childcare centre's normal operating hours to avoid conflicts with parking demand and visitor activity.
- Should the waste system fail to cope, the Facility Operator must make the necessary operational adjustments. A building caretaker may need to be appointed, tasked with transferring the bins to the chosen presentation area during the agreed collection time, in order to maximise the efficiency of the collection process.
- Additional support equipment (i.e. manual bin tug or mechanical bin mover) should be used.
- The principles, duties and rights within The Occupational Health and Safety Act (2004) and the Occupational Health and Safety Regulation (2007) will be adhered to by relevant parties in relation to bin movement to and from the collection area.

  Note: For increased safety, collections will be performed during off- peak traffic hours

11. ASSESSMENT OF TOWN PLANNING DRAWINGS

The report has inspected the submitted plans along with the above schedule of waste systems and requirements. It can be determined that the plans demonstrate sufficient provision for onsite bin storage.

Collection frequency will also be sufficient.

However, should the proposed waste system fail to cope, the Facility Operator must make the necessary operational adjustments.

[redacted]

12. NOISE MINIMISATION

Waste collection activities can generate noise, primarily from reversing vehicles and the handling of glass bins.

The following methods are recommended to be applied to minimise noise during collection hours:

- Careful consideration of the proximity of the Bin Store and collection points to the future commercial users. Increasing the distance will minimise noise impact.
- Design and planning interventions within the proposed scheme to minimise the need for the engaged collection vehicle to reverse.
- Collection bins shall consist of a plastic lid and body, with rubber castors for quiet rolling during transfer periods.
- Appropriate surface covers should be considered to minimise noise during bins transfer.
- All operations in public areas and roads shall adhere to local regulations.
- In the case of a private service, collection hours must in adherence to Council's regulations. Additionally, Section 5 of the Victorian EPA Noise Control Guideline TG302/92 must be observed to minimise noise disturbance and preserve the acoustic amenity of the development and surroundings.
- Private contractors will be required to negotiate their collection services with the relevant council so that their services for this address coincide with council's normal commercial collection. The operator shall ensure that the private collection contractor complies with the guidelines to minimise the acoustic impact of waste collection activities.

Victorian EPA Noise Control Guidelines, Publication 1254, October 2008 (excerpt)

Section 5. Domestic Refuse Collection

The main annoyance produced by domestic refuse collections occurs in the early morning (in other words, before 7 am).

Therefore, if possible, routes should be selected to provide the least impact on residential areas during that time.

Collection of refuse should follow the following criteria:

- Collections occurring once a week should be restricted to the hours 6 am — 6 pm Monday to Saturday
- Collections occurring more than once a week should be restricted to the hours 7 am — 6 pm Monday to Saturday

[redacted]

- Compaction should only be carried out while on the move.
- Bottles should not be broken up at the point of collection.
- Routes that service entirely residential areas should be altered regularly to reduce early morning disturbance.
- Noisy verbal communication between operators should be avoided where possible.

13. DESIGN, SAFETY & AESTHETICS

- Bin infrastructure shall be stored securely on the property, with all waste being placed within the respective bins and stored in the designated onsite areas (preferably screened or hidden from external view).
- Following waste collection activities, bins will be returned to the storage areas as soon as practicable.
- Waste facilities will be constructed from durable materials and finishes, and maintained to ensure that the aesthetics of the development are not compromised. These facilities and associated passages shall be suitably illuminated. This provides comfort, safety, and security to users, staff, and contractors.
- The design and construction of waste facilities and equipment shall conform to the National Construction Code (NCC), Australian Standards, and local laws.
- Childproofing and public safety will be assessed and ensured.

14. WASTE SORTING & COLLECTION RESPONSIBILITIES

- **Garbage**: Garbage to be placed inside tied plastic bags prior to transferring into the collection bins.
- **Recycling**: Items to be emptied of any food or liquid waste prior to disposal into the respective collection bin. To reduce plastic contamination in the recycling stream, it is recommended to supply a small plastic side bin beside the recycling bins.
- **Organics**: No plastic bags to be placed in the green bin.
- **Others**: Cardboard to be flattened prior to disposal into the respective collection bin.
- The Facility Operator is responsible to ensure commercial user's follow the Council's waste and recycling requirements.

15. FACILITY MANAGEMENT

- The Facility Operator are responsible to maintain all waste areas and components (including signage), to the satisfaction all relevant parties.
- The Facility Operator will ensure that proper maintenance and upgrades are carried-out on the facility and components of the waste system. This includes engaging an appropriate contractor to conduct the tasks.
- It is recommended that an appointed site caretaker be responsible for managing the site's waste management procedures. Responsibilities may include: bins transfer, facility washing and maintenance, prompt removal of dumped rubbish, and educating commercial users about the various systems.

16. LITTER & POLLUTION REDUCTION

Fulfilling the obligations below will minimise the dispersion of site litter and prevent stormwater pollution, thus avoiding negative impact to the local amenity and environment.

- Avoid irresponsible waste dumping by ensuring proper waste disposal into the appropriate collection bins.
- Preventing overfilled collection bins. Lids must be closed at all times, leak-free.
- Securing the Bin Area access solely to building users and relevant authorities, hence restricting any illegal dumping by non-authorised users.
- Taking action to prevent dumping and/or unauthorised use of waste areas
- All collection vehicles should fully secure and contain their loads. Should any spillage occur during collection time, the Facility Operator must immediately arrange for clean-up.
- Performing frequent walk-throughs and random bin inspections around the development.

17. PROTECTION OF WASTE EQUIPMENT

It will be the responsibility of the Facility Operator to protect the equipment from theft and vandalism. This may include the following initiatives:

- Applying the necessary security measures to secure the Bin Store.
- Facility Operator will ensure that only waste emanating from the development's commercial users is to be placed in the bins.
- Recycling facilities should be as convenient and accessible as their garbage counterparts. They should never stand alone, must be in proximity of the garbage bins.

18. LABELLING, EDUCATION & COMMUNICATION

- It is critical to provide future commercial users with appropriate **directional signage** towards the nearest bin storage area, as well as **instructional signage** containing what material to be placed in each bin. Signage is available at the following internet address:
    - *https://www.melbourne.vic.gov.au/residents/waste-recycling/apartment-buildings/Pages/waste-signage-for-apartments.aspx*
- **The Facility Operator shall publish and distribute "house rules" and educational material to:**
    - Inform building users about the waste management system and the use/location of the associated equipment.
    - Improve facility management results (lessen equipment damage, reduce littering, and achieve cleanliness)
    - Advise users to sort and recycle waste with care to reduce contamination of recyclables.

19. SUSTAINABILITY OBLIGATIONS & INITIATIVES

Disposed waste in landfills produces unwanted greenhouse gasses which contributes to the climate change. While breaking down, the materials will produce many by-products, including methane gas, which is "at least 21 times more potent than carbon dioxide". Hence it is essential to reduce the amount of materials sent to landfills through efficient resource recovery services (of food waste and organics). As the State's population is rapidly growing, it is essential to minimise waste generation and provide more efficient and accessible waste infrastructure within Victoria. Landfills should be regarded as the worst-case scenario, and more emphasis should be placed to **avoid**, **reuse**, **recycle** and **recover** waste.

Getting Full Value – the Victorian Waste and Resource Recovery Policy and *Statewide Waste and Resource Recovery Infrastructure Plan (SWRRIP)* have also recently been put in place to promote a more effective and integrated waste management system within Victoria. The two frameworks aim to be more responsible in addressing the environmental and public health risks of waste. Furthermore, *Getting Full Value* targets to "facilitate a Victorian waste and resource recovery system that maximises the economic value of waste."

The Facility Operator will observe the guidelines of the state's initiatives and will encourage building users to participate in minimising the impact of waste on the environment.

For a more responsible and sustainable waste management system, all relevant parties shall consider the following:

- Peruse the Sustainability Victoria Website: www.sustainability.vic.gov.au;
- Participate in council, community, and in-house programs for waste minimisation
- Establish waste reduction and recycling targets

[redacted]

- Promote on-site food management systems, such as compost bins, bokashi bins or worm farms.

- Conduct periodic waste audits, keep records, and monitor the amount of recyclables found in landfill- bound bins (sharing results with users/staff)

20. CURRENT PROGRAMS

In hope to further minimise the amount of waste going to landfills, the following programs are available to educate and encourage building users towards a more efficient recovery system. Please check with the Greater Geelong City Council for availability and eligibility.

- Love Food, Hate Waste
- Discounted compost bin, bokashi bin, or worm farm
- The Secret World of Food

21. STRATEGY FOR THE FUTURE

The development's future waste requirements may be affected by future legal revisions in requirements (revised best practice standards, new/updated legislation, by-laws, etc) or changes to the development's own waste patterns (waste composition, volume, or distribution). Hence the Facility Operator will be responsible for future-proofing the development's waste systems and making the necessary adjustments to the waste management system, including:

- Performing a waste audit on building users and defining new waste strategies to respond to the audit results;

- Revise the current waste system, which may include upgrading current bin size and quantity or adding new bins to respond to new waste streams. It is important to avoid installing any potential obstacles that would make it difficult to modify existing bin sizes.

- Re-educating building users about the appropriate use of the various waste management systems implemented.

- Updating the scope of services provided by the appointed collection contractor.

22. POLICY, LEGISLATION AND GUIDELINES

The relevant policy, legislation and guidelines have been and should be considered when developing and administering a Waste Management Plan, including but not limited to:

- Environmental Protection Authority Act 2017
- Better Practice Guide for Waste Management and Recycling in Multi-unit Developments (*Sustainability Victoria*, 2018)
- Environment and Planning Act 1987
- Getting Full Value – the Victorian Waste and Resource Recovery Policy
- Work Safe Victoria's OHS Guidelines for the Collection, Transport and Un-Loading of Non-Hazardous Waste and Recyclable Materials
- AS 4123.1-7: Mobile Waste Containers, AS 1668.2: Mechanical Ventilation for Buildings, AS 2890.2: Parking Facilities, AS/NZS 5377:2013: E-waste, AS 4736-2006 and AS 58110-2010: Biodegradable Plastics, AS 1319: Safety Signs

23. SUMMARY OF WASTE MANAGEMENT PLAN

1. The inspected plans indicate sufficient space has been allocated to meet the specifications as outlined in this report.
2. Collection arrangements and frequency will be sufficient.
3. Adequate access to all relevant parties is available.
4. Noise Minimisation as per Victorian EPA Noise Guidelines will be possible.
5. Litter, Pollution and Hygiene minimisation will be possible.
6. Safety, Design and Aesthetics of Bin Store is suitable.
7. Waste Management and Equipment Protection will be the Facility Operator's responsibility.
8. Facility Operator's will be responsible for adjusting waste management strategies.
9. Obligations and initiatives regarding achieving Victoria's sustainability policies are being adhered to.

24. CONTACT INFORMATION

Greater Geelong City Council (local council) ph 03 5272 5272

Waste Wise Environmental (private waste collector) ph 03 9359 1555

Cleanaway (private waste collector) ph 131339

KS Environmental (private waste collector) ph 03 9551 7833

Eco-Safe Technologies (odour control equipment supplier) ph 03 9706 4149

Solution for Workplace Health and Safety (OH&S consultant) ph 0425 802 669

Electrodrive Pty Ltd (tug & trailer supplier – for bin transfers) ph 03 9357 7699

Sabco Commercial (supplier of cleaner's trolleys) ph 03 8698 2851

Sulo MGB Australia (bin supplier) ph 03 9357 7320

One Stop Garbage Shop (bin supplier) ph 03 9338 1411

Note: The above is a complimentary listing of collection contractors and equipment suppliers. The stakeholders are not obligated to procure goods/services from these companies. The Urban Leaf does not warrant (or make representations for) the goods/services provided by these suppliers.

25. LIMITATIONS

- The purpose of this report is to document a Waste Management Plan, as part of a Town Planning Application.
- This report is based on the following conditions:
    - Operational use of the development (excludes demolition/construction stages).
    - Drawings and information supplied by the project architect.
    - The figures presented in this report are estimates only. The actual amount of waste will depend on the development's occupancy rate and waste generation intensity, the operator's disposition toward waste and recycling, and the operator's approach to waste management. The operator shall make adjustments, as required, based on actual waste volumes (if the actual waste volume is greater than estimated, then the number of bins and/or the number of collections per week shall be increased).

This report shall not be used to determine/forecast operational costs, or to prepare feasibility studies, or to document operational/safety procedures.

[redacted]

APPENDIX 1
BIN CAPACITIES & DIMENSIONS

TABLE 15
MOBILE CONTAINERS WITH A CAPACITY FROM 80L TO 360L WITH TWO WHEELS

Bin Type	80L MGB	120L MGB	140L MGB	240L MGB	360L MGB
Height (mm)	870	940	1065	1080	1100
Depth	530	560	540	735	885
Width	450	485	500	580	600

TABLE 16
MOBILE CONTAINERS WITH A CAPACITY FROM 500L TO 1700L WITH FOUR WHEELS

Bin Type	660L Bulk Bin	660L MGB	770L MGB	1100L MGB/ Bulk Bin	1300L MGB	1700L MGB
Height (mm)	1235	1250	1425	1470	1480	1470
Depth	765	850	1100	1245	1250	1250
Width	1360	1370	1370	1370	1770	1770

Note: Crate dimensions may vary between different bin manufactures

TABLE 17
BULK BINS GREATER THAN 1700L CAPACITY

Bin Type	2.0m³ Skip	3.0m³ Skip	4.5m³ Skip
Height (mm)	865	1225	1570
Depth	1400	1505	1605
Width	1830	1805	1805

Note: The bulk bin dimensions are a guide only and may differ slightly according to manufacturer. Not all available bulk bin sizes are shown.

Dome or flat lid containers

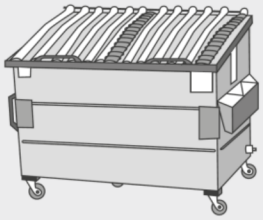

Figure 6: Bin Sizes and Dimensions
(source: Waste Management and Recycling in Multi-unit Developments by Sustainability Victora)

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APPENDIX 2
BIN STORAGE AREA

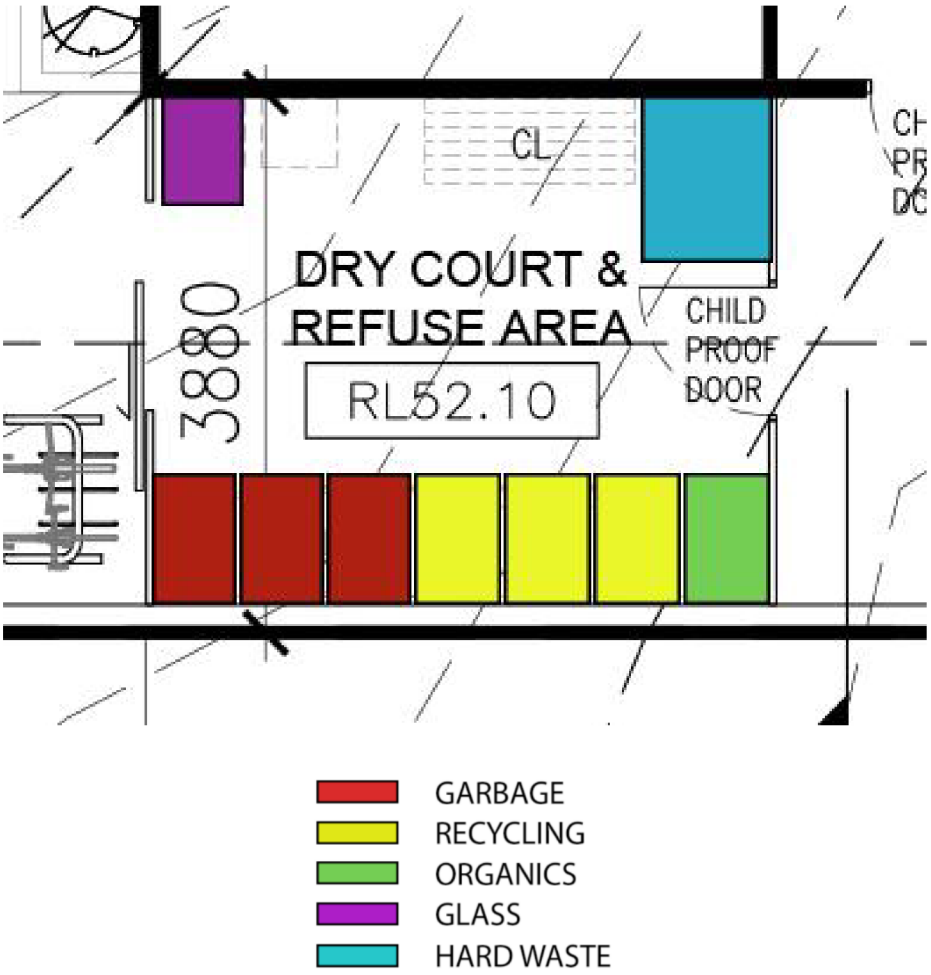


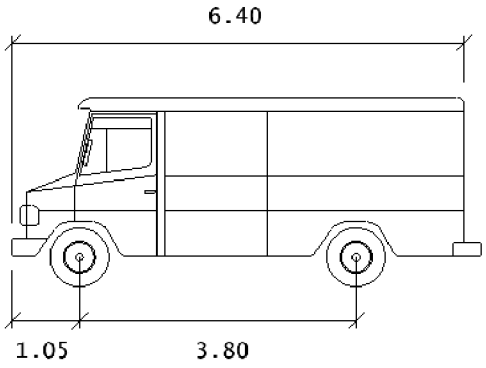
Figure 7: Bin Store Area (source: Malcolm Elliott Architects)

APPENDIX 3
SWEPT PATH ANALYSIS

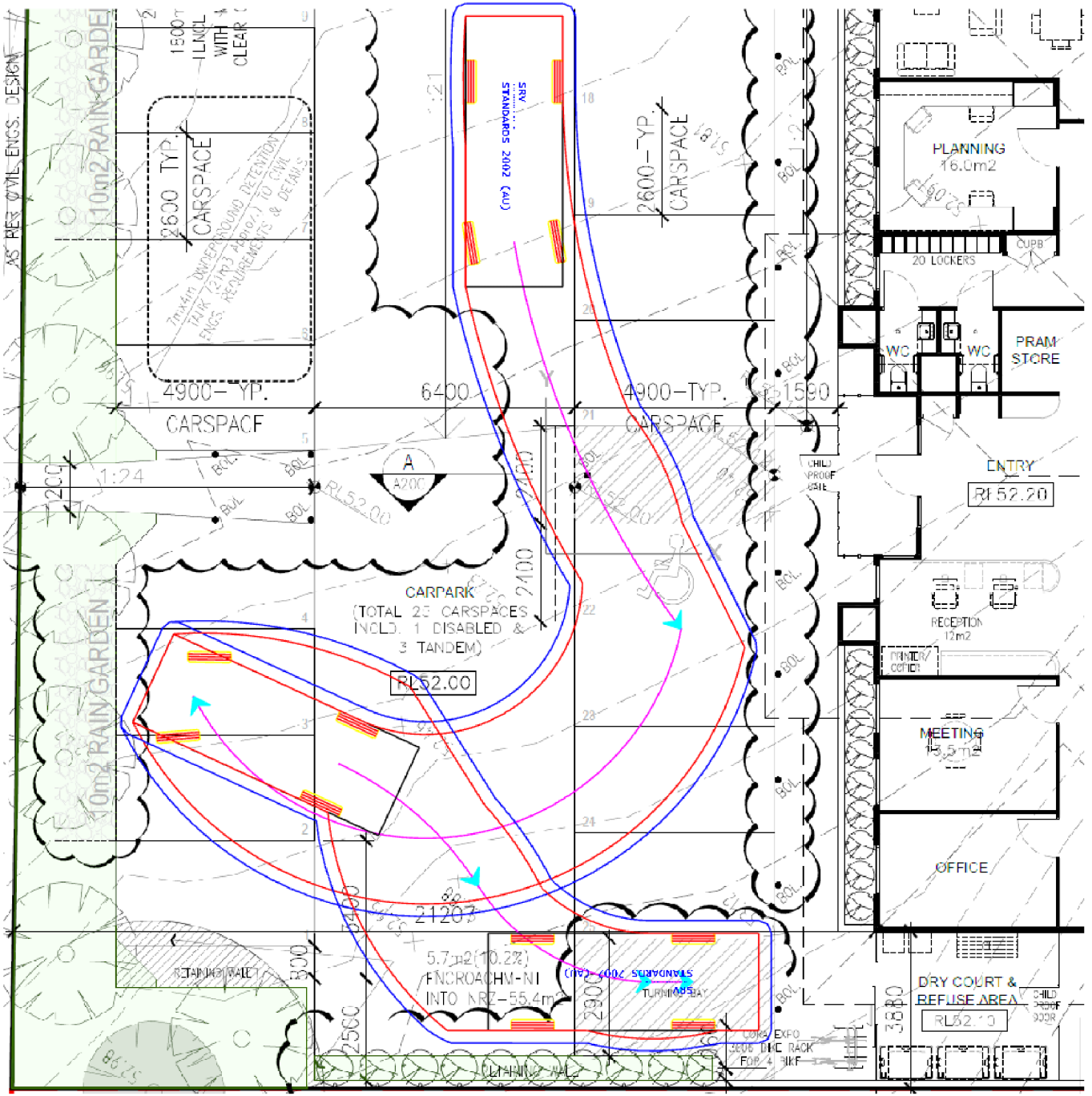
SRV WASTE COLLECTION VEHICLE

CLIENT: [redacted]
ADDRESS: Roslyn Road
HIGHTON
DATE: 17th February 2026
DESIGNED BY: V Vencatachellum
(BE Civil Eng. MIPENZ)
DIAGRAM #: 1 of 2
REVISION: 1B
SCALE: 1:100
COUNCIL: Greater Geelong

Australia : STANDARDS (AU) : SRV
Units : Meters



LEGEND
- Vehicle Body
- 300mm Clearance

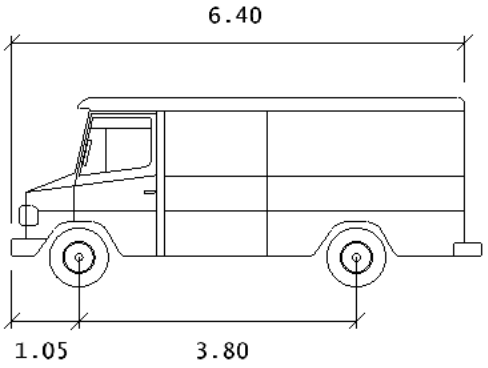


Consistently Hitting The Target For Our Clients

SRV WASTE COLLECTION VEHICLE

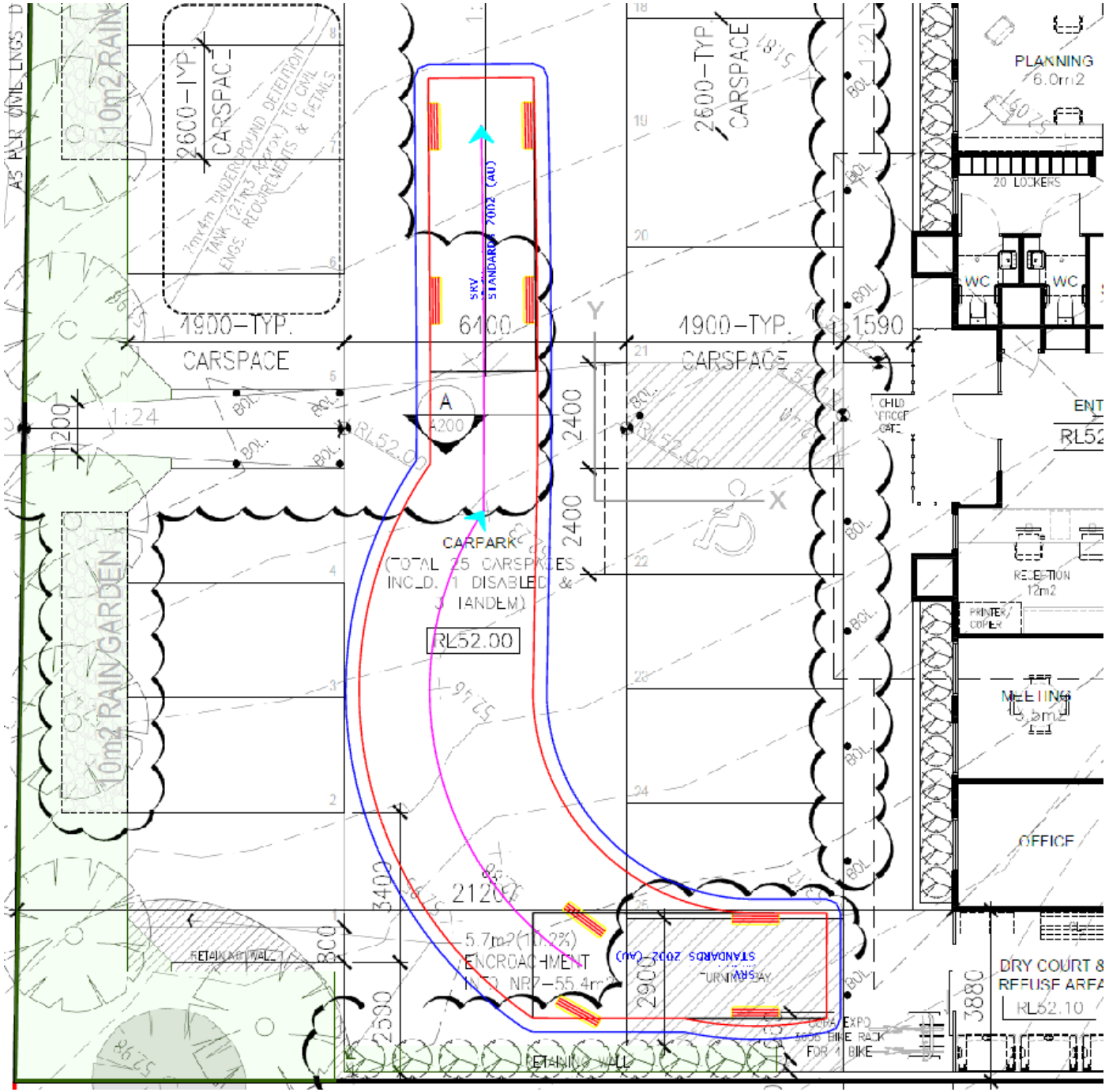
CLIENT: MLP Developments Pty Ltd
ADDRESS: Roslyn Road
HIGHTON
DATE: 17th February 2026
DESIGNED BY: V Vencatachellum
(BE Civil Eng. MIPENZ)
DIAGRAM #: 2 of 2
REVISION: 1B
SCALE: 1:100
COUNCIL: Greater Geelong

Australia : STANDARDS (AU) : SRV
Units : Meters



LEGEND

- Vehicle Body
- 300mm Clearance



ARCHER CONSULTANTS PTY LTD

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