



PROPOSED SCHOOL DEVELOPMENT 341-369 YORK STREET, SALE

WASTE MANAGEMENT PLAN

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PLAN**

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PROPOSED SCHOOL DEVELOPMENT, 341-369 YORK STREET, SALE

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EXECUTIVE SUMMARY

SALT has been engaged by Y2 Architecture to prepare a Waste Management Plan (WMP) for a proposed Primary School development located at 341-369 York Street, Sale.

SALT understands that the proposal involves the development of a 3929m² primary school, consisting of education and learning spaces, administration offices, a religious centre, multipurpose hall and a canteen areas. In addition to outdoor sport facilities and amenities.

Waste would be stored on-site in the bin storage area located at ground level car park.

Waste would be collected by private contractor with the following requirements:

- 1 x 4500L garbage bins collected once per week;
- 1 x 1500L commingled recycling bins collected once per week;
- 1 x 240L organics bins collected once per week;

Waste vehicles would enter via the vehicle entrance located on Codrington Street and prop safely at the bin store area provided within the car park space. Vehicle operators would ferry and transfer waste bins from the waste store to the collection vehicle and return upon emptying, before exiting the proposed site onto Codrington Street.

In the opinion of SALT, the enclosed Waste Management Plan would provide efficient waste management for the proposed development. This report must be read in detail prior to implementation of the waste management strategy.

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1 INTRODUCTION

SALT has been requested by Y2 Architecture to prepare a Waste Management Plan for a proposed school development located at 341-369 York Street, Sale.

This Waste Management Plan (WMP) has been prepared based on industry best practice and the Sustainability Victoria *Better Practice Guide for Waste Management and Recycling in Multiunit Developments 2019*.

Generation rates have been adopted based on residential/commercial waste generation rates enclosed in the Sustainability Victoria *Better Practice Guide for Waste Management and Recycling in Multiunit Developments 2019*.

In the circumstance that the development plans are amended, or new legal requirements are introduced, a revision of the enclosed WMP may be required by the Responsible Authority. The developer would be responsible for engaging with a waste consultant or engineer to prepare the updated report accordingly.

2 INCLUDED IN THIS REPORT

Enclosed is the Waste Management Plan for the proposed development at 341-369 York Street, Sale. Included are details regarding:

- Land use;
- Waste generation;
- Waste systems;
- Bin quantity, size and colour;
- Collection frequency;
- Bin storage area;
- Signage;
- Waste collection;
- Responsibilities;
- Ventilation, washing and vermin-prevention;
- Noise reduction;
- DDA compliance;
- Supplier contact information; and
- Scaled waste management drawings.

3 LAND USE

Planning application number: To be allocated

Land Zone: C2Z (Commercial 2)

Land use type: Commercial

Number of levels: 2

Commercial Space:

- 2185m² Learning areas
- 656m² Administration offices
- 281m² Religious centre
- 25m² Canteen
- 782m² Multipurpose hall

4 WASTE MANAGEMENT PLAN

4.1 WASTE GENERATION

Waste generation rates are shown in Table 1 below. Calculations are based on a 5 day per week operation for the site.

Generation rates have been adopted based on commercial waste generation rates enclosed in the Sustainability Victoria *Better Practice Guide for Waste Management and Recycling in Multiunit Developments 2019*. These rates are considered appropriate for a school development located within the Wellington Shire region.

Waste generation rates for food organics in canteen spaces have been calculated based on the State of Victoria, Department of Health and Human Services *Victoria Food Organics Recycling: A guide for small-medium food services organisations* (2016) report which details that waste volumes generated by food and drink premises within Victoria has a general composition of at least 50% food waste. The garbage rate has been reduced accordingly to reflect the organics separation.

Any common spaces located which include lobbies, foyers, circulation and travel spaces, have not been included in these calculations as any waste generated in these areas is generated in service of the commercial areas and therefore incorporated into the below rates.

Table 1 Waste Generation Rates

Use	Garbage (L/100m ² /week)	Commingled Recycling (L/100m ² /week)	Organics Recycling (L/100m ² /week)
Learning areas	25L	25L	-
Administration office	50L	50L	-
Religious centre	250L	50L	-
Canteen	375L	750L	375L
Multipurpose hall	250L	50L	-

A commercial waste generation assessment is provided in Table 2.

Table 2 Waste Generation Assessment

Use	Area	Waste Per Week		
		Garbage	Recycling	Organics
Learning areas	2185m ²	546.25	546.25	-
Administration office	656m ²	328	328	-
Religious centre	281m ²	702.5	140.5	-
Canteen	25m ²	93.75	187.5	93.75
Multipurpose hall	782m ²	1955	391	-
Total Waste Generated per Week		3625.5L	1593.25L	93.75L

4.2 WASTE SYSTEMS

Waste would be sorted on-site by staff and cleaners as appropriate into the following streams:

- Garbage (General Waste);
- Commingled Recycling;
- Organics Recycling; and
- Hard Waste

4.2.1 BIN STATIONS

Based on Method *Westpac NZ Case Study*, the use of bin stations throughout their office spaces have reduced waste to landfill by 40%. The case study discusses the significance of accountability in ensuring diversion of waste from landfill. It is therefore recommended that bin stations are provided throughout the school and usable areas onsite.

Each bin station should be equipped with one bin for each waste stream. This would encourage the user to make a conscious decision before depositing their waste product into a specific bin and encourage appropriate segregation especially when bins are placed within an area open to public view.

An example bin station with vertical signage is shown in Figure 1. The vertical signage is recommended to be implemented at each bin station to educate the users on the appropriate separation methods. This would allow for maximum diversion of waste from landfill and recovery of the respective waste streams to be achieved.

Figure 1 Example Bin Station with vertical signage



4.2.2 GARBAGE (GENERAL WASTE)

The learning areas would be furnished with plastic lined bins for the temporary holding of garbage waste, to have minimum cumulative capacity of 5 litres per 100m² of floor area. This capacity is based on the transfer of waste to the bin room occurring once per day.

Administration offices would be furnished with plastic lined bins for the temporary holding of garbage waste, to have minimum cumulative capacity of 10 litres per 100m² of floor area. This capacity is based on the transfer of waste to the bin room occurring once per day.

Religious centre would be furnished with plastic lined bins for the temporary holding of garbage waste, to have minimum cumulative capacity of 50 litres per 100m² of floor area. This capacity is based on the transfer of waste to the bin room occurring once per day.

Canteen areas would be furnished with plastic lined bins for the temporary holding of garbage waste, to have minimum cumulative capacity of 75 litres per 100m² of floor area. This capacity is based on the transfer of waste to the bin room occurring once per day.

Multipurpose spaces would be furnished with plastic lined bins for the temporary holding of garbage waste, to have minimum cumulative capacity of 50 litres per 100m² of floor area. This capacity is based on the transfer of waste to the bin room occurring once per day.

Staff/cleaners would dispose of waste from these bins directly into the appropriate 4,500L bin provided within the bin storage area, accessed via the car park (refer to Appendix 1).

Garbage is to be disposed of bagged.

4.2.3 COMMINGLED RECYCLING

Learning areas would be furnished with unlined bins for the temporary holding of commingled recyclables, to have minimum cumulative capacity of 5 litres per 100m² of floor area. This capacity is based on the transfer of recyclables to the bin room occurring once per day.

Administration offices would be furnished with unlined bins for the temporary holding of commingled recyclables, to have minimum cumulative capacity of 10 litres per 100m² of floor area. This capacity is based on the transfer of recyclables to the bin room occurring once per day.

Religious centre would be furnished with unlined bins for the temporary holding of commingled recyclables, to have minimum cumulative capacity of 10 litres per 100m² of floor area. This capacity is based on the transfer of recyclables to the bin room occurring once per day.

Canteen areas would be furnished with unlined bins for the temporary holding of commingled recyclables, to have minimum cumulative capacity of 75 litres per 100m² of floor area. This capacity is based on the transfer of recyclables to the bin room occurring once per day.

Multipurpose spaces would be furnished with unlined bins for the temporary holding of commingled recyclables, to have minimum cumulative capacity of 150 litres per 100m² of floor area. This capacity is based on the transfer of recyclables to the bin room occurring once per day.

Staff/cleaners would dispose of waste from these bins directly into the appropriate 1,500L bin provided within the bin storage area, accessed via the car park (refer to Appendix 1).

Commingled recyclables would be disposed of loosely.

4.2.4 FOOD ORGANICS AND GARDEN ORGANICS

The canteen areas would be furnished with unlined bins for the temporary holding of food organics and garden organics, to have minimum cumulative capacity of 75 litres per 100m² of floor area. This capacity is based on the transfer of waste to the bin room occurring once per day.

Staff/cleaners would dispose of waste from these bins directly into the appropriate 240L bin provided within the bin storage area, accessed via the car park (refer to Appendix 1).

Organics waste is to be disposed of loosely or in compostable bags that have been approved by the waste contractor.

These compostable bags should be marked with the Australian Standard compostable logo as shown in **Error! Reference source not found.** below. It should be noted that non-compostable bags should not be placed into the organics bins as it cannot be composted and thus will affect the quality of the organic product.

Figure 2 Australian Standard Compostable Logo



Green waste generated by the maintenance of communal landscaped areas would be disposed of via the engaged landscaper.

If required, a composter or a worm farm will be provided on-site to ensure that additional volumes of organic waste generated can be diverted from landfill and or recycled as a fertiliser. Please note; that only certain types of food organics can be decomposed in a worm farm and composter (i.e. citrus, meat and dairy should not be disposed into a worm farm and bones cannot be composted). Large quantities of garden waste should also be avoided from the composting/worm farm solution provided.

Some worm farms and composter that may be considered are shown in Figures 3 to 5 below.

Figure 3 Wormfarm: Hungry Bin



Figure 4 Tumbleweed Can-O-Worms



Figure 5 Jora Compost Tumbler



Further information on the above products are available here:

Hungry Bin: <https://compostrevolution.com.au/products/worm-farms/hungry-bin-worm-farm/?council=melbourne&q=hungry%20bin>

Tumbleweed Can-O-Worms: https://www.bunnings.com.au/tumbleweed-can-o-worms_p3160015

If preferred, a composter that can be considered for use would be the Jora Compost Tumbler as shown in Figure 5 above (refer to <https://compostingwarehouse.com/product/jora-compost-tumbler-270/>).

All users of the primary school would dispose of organics directly into the composter or worm farm provided within an appropriate outdoor play area. Building and or asset management staff will be responsible in supplying and managing the composter.

Food waste is to be disposed of loosely.

4.2.5 HARD WASTE

Hard waste will be managed independently by the respective building management and directed staff. All hard waste material when required should be stored within the respective tenancies prior to when collections occur.

Building management would arrange for hard waste collections to occur via a private contractor, as required or when needed.

4.3 BIN QUANTITY, SIZE AND COLLECTION FREQUENCY

The bin quantity, size and the frequency of collection are shown below in Table 3 and Table 4.

Once a week collection schedule is recommended for the volume of general waste, comingled recycling and organic material generated at the proposed site. As best practice, waste collections would be coordinated with residential waste collections to reduce truck movements in the local area.

It should be noted that the comingled recycling volume exceeds the capacity volume by 6.25%. Due to the conservative nature of the waste generation estimates this minor exceedance of the bin capacity is considered negligible, and as such the above system is considered appropriate by SALT.

Table 3 Bin Size and Collection Frequency

Waste Stream	Collections per Week	Bin Size	No. Bins	Weekly Capacity	Weekly Volume
Garbage	1	4,500L	1	4,500L	3625.5L
Commingled Recycling	1	1,500L	1	1,500L	1593.25L
Organics	1	240L	1	240L	93.75L

Table 4 Typical Waste Bin Dimensions

Capacity (L)	Width (mm)	Depth (mm)	Height (mm)	Area (m ²)
4,500	2020	1800	1800	3.63
1,500	2020	950	1150	2.93
240	585	730	1060	0.43

Note: The above dimensions are based on SULO's flat lid bin specifications

4.4 BIN COLOUR AND SUPPLIER

All bins would be provided by private supplier. The below bin colours are specified by Australian Standard AS4123.7-2006, however due to the private nature of the collection, these are only recommendations and are not mandatory:

- Garbage (general waste) shall have red lids with dark green or black body;
- Recycle shall have yellow lids with dark green or black body; and
- Organics shall have green lids with dark green or black body.

Note, private contractors often supply bins for collection.

4.5 WASTE STORAGE AREA

Table 5 demonstrates the cumulative space requirements and provision of waste areas in of the proposed school development.

Please refer to scaled drawing shown in Appendix 1.

Table 5 Waste Area Space Requirements

Stream	Space Required (excluding circulation)	Space Provided
General Waste	6.0m ²	25m ²
Commingled Recycling	3.2m ²	
Organics	0.72m ²	
Hard Waste	4m ²	
TOTAL	13.92m²	25m²

Waste management would be overseen by building management.

4.6 WASTE COLLECTION

Commercial waste would be collected by private contractor as follows:

- 1 x 4,500L garbage bins collected once per week;
- 1 x 1,500L commingled recycling bins collected once per week;
- 1 x 240L organics bins collected once per week;
- 4m² hard waste area collected on an as required basis.

All waste bins would be stored on-site in the bin room provided within the car park space located off Codrington Street.

Waste collections would occur between 7am (one collection per week) to 8pm on Mondays to Saturdays and between 9am to 8pm on Sundays and public holidays, in accordance with EPA Victoria *Noise Control Guidelines 2021*. This is to ensure minimal noise impacts to the neighboring properties

On weekdays, collections are to be scheduled to occur at off-peak times for the primary school to avoid conflict with student drop-off and pick-up activity. Weekday collections shall therefore take place between 7am to 8am and from 4pm to 8pm.

Hard waste collections would be performed by a utility vehicle or AustRoads B99 design vehicle equivalent.

4.6.1 GENERAL WASTE & RECYCLING COLLECTIONS

General waste and comingled recycling collections would occur via a 12.5 heavy rigid front-lift vehicle with a travel height of 3.8, an operating height of 6.0m and a 3.0m travel width. This height clearance allows the waste truck to safely perform front-lift collections as required.

Waste collection vehicles would enter the subject site from the western vehicle entrance located on Codrington Street and travel safely in a forward motion towards the bin store area.

Vehicle operators would prop safely at the bin store area to perform a front-lift bin transfer and return upon emptying.

Waste collection vehicles would exit in a forward direction, exiting the subject site onto Codrington Street. As shown in the swept paths provided in Appendix 2 below.

Building management would ensure that waste vehicle operators are able to access the bin room.

Allocated waste bins would not be presented to street kerb at any point. Waste bins would not be permanently stored on the street.

4.6.2 ORGANICS RECYCLING COLLECTIONS

Organic waste collections would occur via an 8.8m medium rigid vehicle with an operating height of 3.4m and a 2.5 travel height clearance. This height clearance allows the waste truck to safely operate and perform collections within the car park area provided.

Waste collection vehicles would enter site via either vehicle entrance located off Codrington Street to travel and prop safely at the bin storage area provided within the car park area.

Vehicle operators would ferry waste bins from the bin store and return upon emptying, before exiting the subject site on Codrington Street.

Building management would ensure that waste vehicle operators are able to access the bin room.

Allocated waste bins would not be presented to street kerb at any point. Waste bins would not be permanently stored on the street.

5 RESPONSIBILITIES

Building management and or relevant maintenance staff would be responsible for overseeing waste management within the development. Responsibilities would include:

- Provide appropriate staff and cleaners with a waste management handbook which would include information on bin storage areas, transfer paths and waste management methods onsite;
- Ensure that all bins throughout the site and the bin room are equipped with appropriate signages to guide users on appropriate segregation methods for their waste and recyclables;
- Inspecting waste stores;
- Reviewing contamination within bins;
- Providing relevant staff/cleaners with a training session on the appropriate and safe utilisation methods of appropriate bin and providing them with a user manual;
- Investigating incidents of inappropriate waste storage (or aggregation).

Building management and or relevant maintenance would ensure anyone found responsible for inappropriate waste disposal would be appropriately educated and made aware of correct waste disposal techniques.

It is recommended that building and asset management staff conduct waste audits if waste is found to be inappropriately deposited by users or if the bin capacities need to be reviewed.

6 SIGNAGE

Waste storage areas and bins would be clearly marked and signed with the industry standard signage approved by Sustainability Victoria or equivalent. The typical Sustainability Victoria signage is illustrated in Figure 6.

Figure 6 Sustainability Victoria Signage

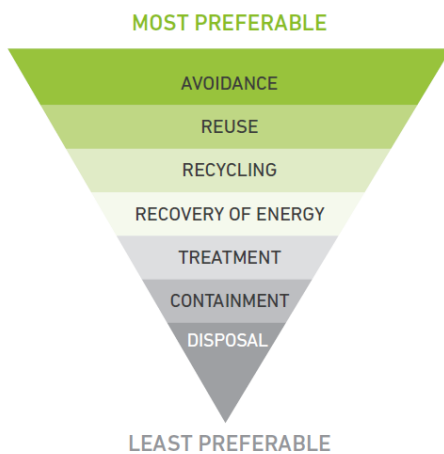


7 SUSTAINABILITY ACTION PLAN AND INITIATIVES

The importance of restructuring the institutional waste management methods in developments is becoming more apparent as we experience the adverse impacts of increasing waste volumes and declining recycling rates. Developments such as the proposed subject site can contribute towards the prevention and reduction of nationwide waste generation volumes as well as to promote a local circular economy system.

Building management should encourage users by demonstrating a commitment towards waste avoidance and minimisation initiatives. The waste hierarchy as detailed in the *Environmental Protection Act 2017* should be observed in order of preference (refer to Figure 7 below).

Figure 7 Waste Hierarchy



In addition to the waste management strategy detailed in the enclosed report, building management can establish landfill diversion and recycling targets and conduct periodic waste audits to monitor contamination levels in recycling and organics bins. The results of the audit could be shared with commercial tenants, staff and students to encourage them to continue or to improve their waste separation efforts. The audit may also be beneficial from a cost perspective as it would inform building management of opportunities to reduce bin numbers or collection frequencies.

All relevant staff, students and visitors should be inducted on on-site waste management practices and on the development's sustainability action plan via the provision of a handbook or in-person training, as deemed necessary. All appropriate and relevant person(s) should be encouraged to minimise single use packaging and promote re-use by providing opportunities to utilise their own reusable containers or bags.

8 WASTE AREA DESIGN REQUIREMENTS

8.1 VENTILATION

Ventilation would be provided in accordance with Australian Standard AS1668.

The waste room will be equipped with tight fitting doors and impervious flooring. Any openings within the waste room will be fitted with vermin-proof mesh.

8.2 LITTER MANAGEMENT, WASHING AND STORMWATER POLLUTION PREVENTION

An appropriately drained wash down area would be provided within the bin room in which each bin is to be washed regularly by building management. Bin washing areas or bin wash bays must discharge to a litter trap. Bin wash areas should not discharge into stormwater drainage.

Alternatively, a third-party bin washing service can be engaged to perform this service. Bin washing suppliers must retain all waste water to within their washing apparatus so as to not impact on the drainage provisions of the site.

Building management and cleaners would be responsible in ensuring the following to prevent or minimise the dispersion of litter throughout the site:

- Prevent overfilling of bins by ensuring bin lids are closed at all times;
- Require waste contractor to remove any spillage that may occur during waste collections; and
- Ensure anyone found responsible for inappropriate waste disposal or dumping would be appropriately educated and made aware of correct waste disposal techniques.

8.3 NOISE REDUCTION

All waste areas would meet EPA, BCA and AS2107 acoustic requirements as appropriate within operational hours assigned to minimise acoustic impact on surrounding premises.

Waste collection timings in accordance with EPA Victoria *Noise Control Guidelines 2021* have been stipulated in the waste collection section above.

Waste contractors should also abide by the following regulations to ensure minimal noise impacts to the neighboring properties:

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

8.4 DDA COMPLIANCE

All waste areas to be accessed by commercial staff and management would comply with AS1428.1:2009.

9 RISK AND HAZARD ANALYSIS

Table 6 shows the potential risks, severity and suggested control methods that could be considered to avoid the risks from occurring during waste collections.

Note that this is a preliminary risk assessment and does not replace the need for the building management and collection contractors to complete their respective OHS assessment for waste collections.

The information provided below have been adopted from WorkSafe Victoria *Non-Hazardous Waste and Recyclable Materials* (2003). The severity of each risk has been determined based on the risk rating table enclosed in Department of the Environment *Environmental Management Plan Guidelines 2014*.

Table 6 Potential Risks and Control Methods During Waste Collections

Area	Risk	Severity	Suggested controls
Waste collection	Incidents during waste collection vehicle ingress or egress movements	Low	<p>Vehicle operators would be trained in ensuring the following</p> <p>Tailgate is closed after clearing waste area</p> <p>Move vehicle slowly when tailgate or body is raised</p> <p>Clear waste from tailgate seal and from rear of machine before departure from the subject site</p> <p>Ensure tailgate is locked after unloading operation</p> <p>Vehicle operators should not exit the vehicle body unless engine is switched off, ignition key is removed, safety prop is in position and the vehicle body is well ventilated. Regular safety checks and inspection of vehicles should be conducted.</p>
	Incidents during manual handling of bins	High	<p>Vehicle should meet relevant Australian Design Rules. Ensure that vehicles with low bowl height are used to avoid lifting of bins above shoulder height. Vehicle operator should be clear of the equipment before activation of packing or tipping controls.</p>
	Slip and trip hazards in moving into and out of the vehicle	Medium	<p>Maintain sufficient and frequent communication between driver and runner. The hose should not be used as handholds when mounting or dismounting.</p>
	Slips and trips while transporting bins	Low	<p>As the car parking area is at the same grade with that of the waste storage area, there are no hazards presented from the presence of slopes or steps. The car parking and waste storage area would also be well lit at all times to ensure good visibility to staff/vehicle operators.</p> <p>However, to ensure that any other potential risks are mitigated, frequent communication should be maintained between the driver and runner and the runner should only transfer one bin at a time.</p>
Surrounding traffic	Conflict with other vehicle operators and staff, visitors and students within the car park during collection	Medium	<p>Ensure that collection is to occur only at off-peak hours.</p> <p>The collection area should also be well-lit to allow for better visibility of oncoming traffic and pedestrians.</p>
Waste bins	Type of wastes handled – risk associated in contact with unknown hazardous substances or sharp objects	Medium	<p>Staff and building management should be educated on safe disposal of hazardous substances and sharp objects.</p> <p>Waste vehicle operators should be trained and informed on safe handling of unknown substances. Operators could be provided with PPE to avoid infections and to assist in handling of waste bins.</p>
Waste Bins	Overflowing bins affecting the transport of bins to the waste collection vehicle or presenting as a trip hazard.	Low	<p>The recommended number of bins enclosed in this WMP provides a larger capacity than the volume generated for all waste streams hence there would be a low likelihood of this occurring.</p>

10 SUPPLIER CONTACT INFORMATION

Table 7 provides a list of equipment specified by this waste management plan.

Below is a complimentary listing of contractors and equipment suppliers. You are not obligated to procure goods/services from these companies. This is not, nor is it intended to be, a complete list of available suppliers.

SALT does not warrant (or make representations for) the goods/services provided by these suppliers.

Table 7 High Level Purchasing Schedule

Item	Quantity	Supplier	Notes
4,500L Bin	1		1 x 1,500L garbage bins
1,500L Bin	1	Private Supplier*	1 x 1,500L bin for comingled recycling
240L Bin	1		1 x 240L Organic Bin

*Private waste collection contractors often supply their own bins for collection.

10.1 EQUIPMENT SUPPLIERS

10.1.1 BIN SUPPLIER

- Sulo MGB Australia (wheelie bin) – 1300 364 388
- Method Recycling (bin stations) - 0477 630 220 / 0412 001 686
- Source Separation System (wheelie bin and bin stations) - 1300 739 913

10.2 WASTE COLLECTORS

10.2.1 GARBAGE, RECYCLING AND ORGANICS

- Cleanaway – 13 13 39
- JJ Richards – 03 9794 5722 (Vic)
- SUEZ Environment – 13 13 35
- VISY Waste Management – 03 9369 7447
- Veolia Environmental Services – 132 955
- Wanless – 1300 926 537

10.2.2 HARD WASTE

- 1CALL Rubbish Removal – 1300 557 772
- Same-Day Rubbish Removal – 0435 587 877
- WM Waste Management Services – 03 9721 1915

10.3 BIN WASHING SERVICES

- The Bin Butler – 1300 788 123
- Calcorp Services – 1888 225 267
- WBCM Environmental – 1300 800 621

11 PURPOSE AND LIMITATIONS

This Waste Management Plan has been prepared to form a part of the development application. The report is prepared to:

- Demonstrate that an effective waste management system is compatible with the design of the development. An effective waste management system comprises of a system that is hygienic, clean, tidy, minimises waste being landfilled and maximises recycling and resource recovery;

- Ensure stakeholders are well informed of the design, roles and responsibilities required to implement the system;
- Provide supporting scaled drawings to confirm that the final design and construction is compliant with the report;
- Define the relevant stakeholders involved in ensuring the implementation of the waste management system; and
- Ensure tenants are not disadvantaged in access to recycling and other sustainable waste management options.

The following should be noted regarding the enclosed information:

- The waste generation volumes provided are estimates based on the best available waste generation rates. The actual waste volumes generated on-site may differ slightly from that estimated as it would depend on the occupancy rate and operational capacity of the subject site;
- The report does not discuss management of construction and demolition waste for the proposed development hence a separate report discussing the management of these waste streams would be required; and
- The equipment specifications and any information provided regarding the recommended equipment are provided for reference purposes only and should not be relied upon for procurement. SALT recommends that the developer attains the latest specifications of the required equipment and service provisions from the respective contractor(s) prior to engaging them or purchasing the relevant equipment.
- The report should be updated if the development plans are amended or if new legal requirements are introduced.

APPENDIX 1 DESIGN DRAWINGS





PROPOSED SITE WORKS LEGEND

	PROJECT SETOUT LOCATION
	EXISTING BUILDINGS
	NEW BUILDING WORK
	REFURBISHMENT WORKS
	NEW SOFTFALL MULCH
	NEW BITUMEN PAVING OR SIMILAR
	NEW CONCRETE PAVING, VARIOUS FINISHES
	NEW GARDEN BEDS
	NEW GRASSED AREAS
	NEW PERMEABLE PAVED SURFACE
	EXISTING FENCING
	NEW FENCING
	DENOTES SITE HOARDING (NOTE: 2.1M HIGH WIRE MESH FENCING) PROVIDE SHADECLOTH TO AREAS ALLOW TO MODIFY LOCATION OF HOARDINGS AS REQUIRED DURING THE COURSE OF THE WORKS
	DRINKING FOUNTAIN
	DF1
	CP
	FP1
	GP
	HYD
	WM
	EXISTING TREES TO BE RETAINED
	PROPOSED TREES - REFER TO LANDSCAPE DWG'S

REVISION	BY	DATE	DESCRIPTION
P1	AS	13/07/2023	ISSUED FOR DISCUSSION
P2	AS	16/08/2023	FINAL REVIEW

Print date: 11/09/2023 5:57:20 PM

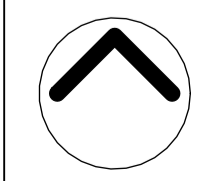
ARCHITECTURE
INTERIOR DESIGN
URBAN PLANNING

Y2 ARCHITECTURE
 www.y2architecture.com.au
 MELBOURNE: 466 malvern road
 prahran victoria 3181
 t 03 9510 7860 f 03 9521 1464
 BENDIGO: 5/41-43 mundy street (PO Box 660)
 bendigo victoria 3550
 t 03 5407 2130 f 03 9521 1464

Issue: **TOWN PLANNING**
NOT FOR CONSTRUCTION

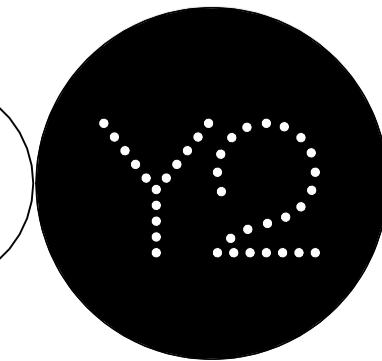
Project: **ST THOMAS PRIMARY SCHOOL: SION CAMPUS**
TENDER DOCUMENTATION

Title: **BO: COVER AND SITE DRAWINGS**
PROPOSED SITE PLAN



Scale: As indicated @ A1
 Date: JULY 2023
 Drawn: AS
 Checked: DK
 Project: 2201
 File: A_2201_ST
 THOMAS_S.C_2022.rvt
 Drawing: TP03 P2

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PROPOSED SITE WORKS LEGEND

	PROJECT SETOUT LOCATION
	EXISTING BUILDINGS
	NEW BUILDING WORK
	REFURBISHMENT WORKS
	NEW SOFTFALL MULCH
	NEW BITUMEN PAVING OR SIMILAR
	NEW CONCRETE PAVING, VARIOUS FINISHES
	NEW GARDEN BEDS
	NEW GRASSED AREAS
	NEW PERMEABLE PAVED SURFACE
	EXISTING FENCING
	NEW FENCING
	DENOTES SITE HOARDING (NOTE: 2.1M HIGH WIRE MESH FENCING) PROVIDE SHADECLOTH TO AREAS ALLOW TO MODIFY LOCATION OF HOARDINGS AS REQUIRED DURING THE COURSE OF THE WORKS
	DF1 DRINKING FOUNTAIN
	FP1 FLAGPOLE
	GP GRATED PIT
	HYD NEW FIRE HYDRANTS- REFER TO HYDRAULIC ENGINEERS DWG'S
	WM WATER METER- REFER TO HYDRAULIC ENGINEERS DWG'S
	EXISTING TREES TO BE RETAINED
	PROPOSED TREES- REFER TO LANDSCAPE DWG'S

REVISION	BY	DATE	DESCRIPTION
P1	AS	13/07/2023	ISSUED FOR DISCUSSION
P2		18/08/2023	FINAL REVIEW

CONTINUED ON SHEET TP04

Print date: 11/09/2023 5:57:56 PM

FUTURE GROWTH BUILDING (LEARNING NEIGHBOURHOOD 2)

ARCHITECTURE
INTERIOR DESIGN
URBAN PLANNING

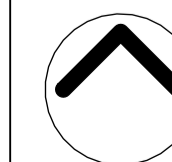
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BENDIGO: 5/41-43 mundy street (PO Box 660)
bendigo victoria 3550
t 03 5407 2130 f 03 9521 1464

Issue: TOWN PLANNING
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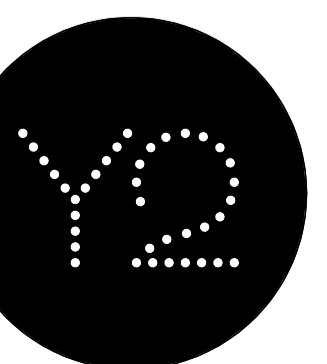
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TENDER DOCUMENTATION

Title: B0: COVER AND SITE DRAWINGS
SITE PLAN- PART 3



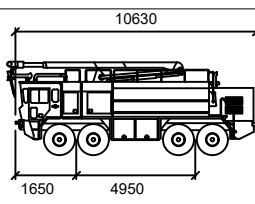
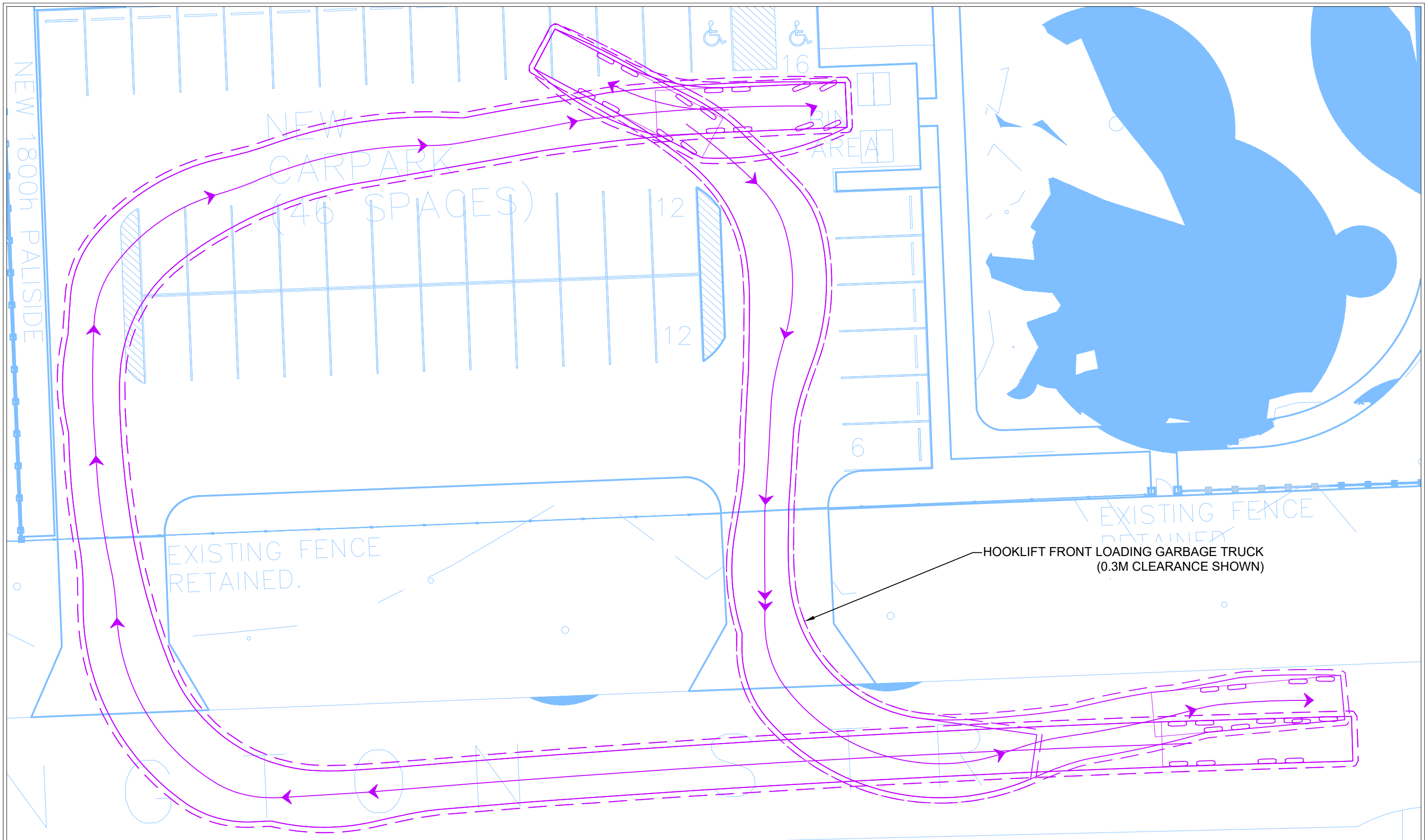
Scale: As indicated @ A1
Date: JULY 2023
Drawn: AS
Checked: DK

Project: 2201
File: A_2201_ST
THOMAS_S.C_2022.rvt
Drawing: TP06 P2



APPENDIX 2 SWEEP PATH ANALYSIS





HOOK LIFT

mm

Width : 2500
 Track : 2500
 Lock to Lock Time : 6.0
 Steering Angle : 27.1

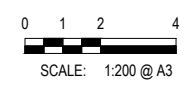
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 SISTERS OF SION, SALE - PRIMARY SCHOOL
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 SALE
 VEHICLE SWEEP PATH



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 Adelaide: Level 21, 25 Grenfell St Adelaide SA 5000



DRAWN / CHECKED	DATE	SIZE
ZS/JW	11-05-2023	A3
DRAWING NUMBER	REVISION	
SALT-22146-SK-005	1	



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