

Traffix Group

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Waste Management Plan

School Development

155 Staughton Vale Road, Staughton Vale

Prepared for
Bacchus Marsh Grammar

February 2026

G30722R-03B (WMP)

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Document Control

Our Reference: G30722R-03B (WMP)

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A	Draft	22/12/2025	M. Jora	M. Woollard (RPE 9774)
B	Final	13/02/2026	M. Jora	M. Woollard (RPE 9774)

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1. Introduction

Traffix Group has been engaged by Bacchus Marsh Grammar to prepare a Waste Management Plan for the School Development at 155 Staughton Vale Road, Staughton Vale.

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

2. Proposal

The proposal is for a combined application for a school in association with agriculture and outdoor education and use and development of a caretaker's residence located in the south-eastern portion of the site, and a primary school located in a more centralised location.

The school with agricultural components is proposed to accommodate:

- 150 part-time students and 15 staff members on 'normal operating days', and
- 450 students and 40 staff members on 'special event days' up to 16 times per year.

This campus accommodates short-term visits from students who are generally otherwise enrolled at the Maddingly Campus in Bacchus Marsh. This campus accommodates day trips for agriculture and outdoor education. All movements to and from this campus are by bus and originate from the Maddingly Campus.

This use also includes a caretakers dwelling.

The primary school component of the development proposes additional 300 full-time students within a school building located close to the south-eastern boundary of the site. The primary school requires 20 teaching staff and five administrative/maintenance staff.

The existing school to be retained for the proposed School have an estimated total floor area of approximately 2,207.82m². Overall, the school will include science lab, and food tech room.

No changes are proposed to the existing vehicle access arrangements. Furthermore, waste collection for the school is to occur as similar to arrangements for the current primary school.

A store/resource room located on the eastern side of the school building is proposed to function as a primary waste storage area which will service the overall school development. The waste room will be accessed via the carpark accessway as required.

Waste collection is to be undertaken on-site by a private contractor using a waste truck up to the size of an 8.8 m long medium rigid vehicle (MRV).

A copy of the development plans, prepared by Go Design, is attached at Appendix A.

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3. Existing Waste Operations

The primary school has a general waste large skip bin provided on site, currently collected via private contractor.

Vehicle access to the site is provided via a main accessway to Staughton Vale Road, which allows for two-way vehicle movements and the relevant bus movements to and from the site. These access arrangements will continue to be retained.

The existing primary school has a single garbage skip bin of 3m³ in size. Currently, waste collection is undertaken on-site by a private contractor by a front-loader waste truck.

4. Waste Management Plan

4.1. Waste Systems

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

- Immediate smaller bins within the school for temporary storage of garbage and recyclable waste prior to transferring to the Mobile Garbage bins (MGB's).
- Mobile garbage bins (MGB's) within the waste storage area to be located as store/resource room of the school.
- A 1.5 sqm area for bulk/hard waste items. This is to be accommodated within the waste storage area discussed above.

The site operator retains the flexibility to adjust waste collection frequency based on actual waste volumes. If the actual waste volume varies the estimates, the operator shall increase/decrease the collection frequency per week, as required by private waste contractor services.

4.2. Management of Waste Streams

In accordance with the Victorian Government's *Circular Economy Policy: Recycling Victoria*, food organics green organics (FOGO) waste has 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 (FOGO), and
- Other Commingled Recycling (inc. Paper & Cardboard Recycling).

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

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Table 1: Waste Streams

Waste Type	Waste Management
Garbage	Smaller bins will be placed around the school for temporary storage of general waste (i.e., within the classrooms, communal areas). Staff will transfer the waste within tied plastic bags from smaller bins dispose of the bagged garbage directly into the Mobile garbage bins within proposed the waste storage area provided on-site.
Recycling	Smaller bins will be placed around the school for temporary storage of recycling waste (i.e., within the classrooms, communal areas). Staff will transfer the waste directly from smaller bins directly into the Mobile garbage bins within the waste storage area provided on-site.
FOGO	Smaller bins will be placed around the school for temporary storage of FOGO waste, including within the Food Tech classroom. Staff will transfer the FOGO waste to the compost bins which is to be located within the waste storage area on-site. The contracted maintenance team will be responsible for the collection and disposal of any garden waste through coordination with private contractor as needed.
Paper & cardboard	Paper & cardboard waste by school is expected to be low and therefore it can be accommodated within the commingled recycling bin.
Glass	Glass waste by school is expected to be low and therefore it can be accommodated within the commingled recycling bin.
Hard Waste	The staff will dispose of any hard waste via a private contractor on a required basis. Hard waste shall be stored in the designated 1.5 sqm area for bulk/hard waste items.
Other	Staff shall dispose of any e-waste via a private contractor or can be disposed of at Nearby Transfer Station on a required basis. E-waste must not be disposed of in landfill.

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4.3. Waste Generation

4.3.1. Secondary School

The development has 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.

The waste generation rates of 5L/100sqm floor area/day for both general waste and recycling waste are adopted when assessing Education/training facilities.

This waste generation rate is to be applied to the total building floor area of approximately 2,207.82m², including the existing school to be retained.

Furthermore, the school is to include Food Tech practical kitchen classes which will generate additional waste compared to a typical classroom, especially Food Organics waste.

We have been provided with the information that Food Tech classes will prepare up to 60 meals per day, assuming the operation will be maximum of 4 days per week.

To estimate waste generation by the Food Tech kitchen classes, we refer to the NSW Port Macquarie Hastings Council event waste management guidelines¹ which specifies one litre of garbage waste, and one litre of recycling waste will be generated per person/meal

Based on the information provided above, Accordingly, the Food Tech classes are anticipated to generate approximately 120 litres of waste per day.

Table 2 sets out the expected waste generation for the proposed Secondary School.

Table 2: Waste Generation Rates

Waste Source	Garbage	Recycling
School	5L/100m ² floor area/day	5L/100m ² floor area/day
Food Tech Classes (Inc. Kitchen)	1L waste/person/meal	1L waste/person/meal

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¹ NSW guidelines by Port Macquarie Hastings Council for events waste management plan www.pmhc.nsw.gov.au/fevents/event-waste-management-guidelines-june-2023.pdf

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An estimate of the total waste generated by the proposed development is detailed in Table 3

Table 3: Expected Waste Generation for the Proposed Use

Waste Source	Size/No.	Garbage	Recycling
School	2,207.82m ²	553L per week	553L per week
Food Tech Classes (Inc. Kitchen)	60 meals/day	240L per week	240L per week
TOTAL WASTE GENERATED		793L per week	793L per week

Note: For the purposes of this assessment, for food tech kitchen classes, the waste has been calculated based on the maximum number of students attending the food class at any on any day i.e., 1L waste/student/meal. It is assumed that max. 60 meals will be prepared on any one day within the class assuming the class will operate 4 days a week.

4.3.2. Considering Alternative Waste Streams

A number of different land uses across the site are expected to generate FOGO waste as summarised in Table 4.

Table 4: Alternative Waste Streams

Land Use	Garbage/week		Recycling/week
	General	FOGO	Commingled
School (Inc. Food and Tech classes)	70%	30%	100%

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

Table 5: Expected Waste Generation – Splits per Stream

Waste Source	Size/No.	Garbage/week		Recycling/week
		General	FOGO	Commingled
School (inc. Food and Tech Classes)	(2,207.82m ² + 60 meals per day)	387L	166L	553L
		-	240L	240L
	SUBTOTAL	387L	406L	793L
TOTAL WASTE GENERATED		793L per week		793L per week

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4.4. Waste Equipment (MGBs)

Based on the determined waste generation, Table 6 provides a summary of the nominated waste storage area provisions and the frequency of collection for the overall school building.

Table 6: Waste Bins and Collection Frequencies

Waste Stream	Waste Volume (L/week)	Bin Capacity	No. of Bins Required	Collection Frequency (per week)
Garbage	387 L	660L	1 no.	1
FOGO ⁽¹⁾	406 L	240L	4 no.	Fortnightly
Recycling	793 L	660L 1,100L	1 no. 1 no.	Fortnightly

Note 1. For FOGO waste, waste bin quantities and collection frequencies are indicative only and may be adjusted by the site operator in consultation with the appointed private waste contractor to respond to actual waste generation and operational needs.

Overall, the development requires the following bins:

- 4 x 240L bins,
- 2 x 660L bin and
- 1 x 1,100L bin.

Further details regarding the waste equipment required for the development are detailed in Table 7.

Table 7: Bin Details and Colours

Waste Stream	Bin Capacity	Dimensions (H x W x D) ^{Note 1}	Bin Lid Colour ^{Note 2}	Bin Body Colour ^{Note 2}
Garbage	660L	1,215 x 1,190 x 770mm	Red	Dark Green
FOGO	240L	1,060 x 585 x 730mm	Green	
Recycling	1,100L	1,300 x 1,194 x 1,080mm	Yellow	

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 Sustainability Victoria.

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4.5. Waste Areas and Access

The proposed development shall provide a waste storage area located within the eastern side of the school within a store/resource room. This area is intended to service the overall school development and will be accessed via the on-site carpark accessway."

The overall waste storage area and access route is illustrated at Figure 1.

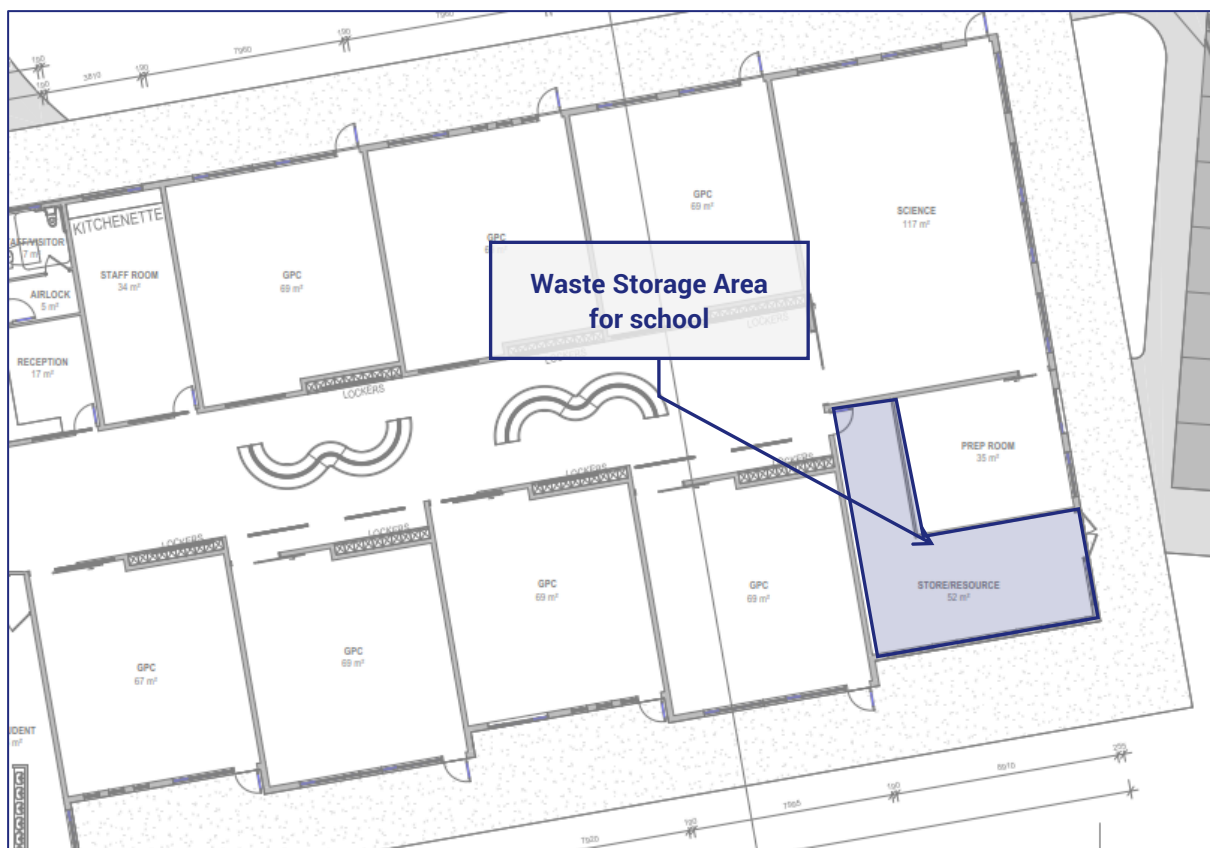


Figure 1: Waste Storage Area for School

Table 8 details the waste area requirements based on the waste equipment proposed.

Table 8: Waste Area Requirements

Use	Waste Equipment	Bin Area ¹	Quantity	Net Bin Area Required	Waste Storage Area provided
School	240L	0.43m ²	4	1.72m ²	52m ²
	660L	0.99m ²	2	1.98m ²	
	1,100L	1.33m ²	1	1.33m ²	
	Hard Waste			1.5m ²	

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

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4.6. Signage

Appropriate signage in accordance with Sustainability Victoria will be displayed on the bins and within the waste area, as illustrated in Figure 2.

The signage will help guide and encourage students/staff of the proposed development to dispose of waste correctly into the appropriate waste streams.



Figure 2: Waste Signage Examples

4.7. Waste Collection Arrangements and Vehicle Access

A waste storage area/store/resource room is proposed within the eastern side of the school to store waste bins of the school.

Waste collection is to be undertaken on-site within the on-site carpark by a private contractor using a waste truck up to the size of a medium rigid vehicle (MRV).

The waste vehicle shall prop temporarily within the carpark accessway whilst the bins are emptied and then exit the site in a forward direction.

Waste collection shall be undertaken outside of the school operating hours including drop-off/pick-up periods to minimise disruption and ensure the carpark area is vacant for waste collection to occur.

The waste collection vehicle is smaller than the 14.5m coach that will be utilising the bus bay be designed for and accordingly ample space is provided for the relevant waste vehicle to undertake waste collection on-site as required.

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5. Amenity Impacts

It is the responsibility of the property manager/maintenance team to carry out the ongoing maintenance of all waste areas to minimise the following amenity impacts.

5.1. Ventilation/Odour Prevention

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 the maintenance team. Waste collection times should comply with the EPA Noise Control Guidelines (Publication 1254):

- *Collections occurring once a week should be restricted to the hours 6:30am – 8pm Monday to Saturday, 9am – 8pm Sunday and public holidays*
- *Collections occurring more than once a week should be restricted to the hours 7 am – 8pm Monday to Saturday, 9am – 8pm Sunday and public holidays*

5.3. Vermin Prevention & Litter Management

All bin lids will be kept closed at all the times to prevent vermin access.

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.

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 by the maintenance team. Washing facility provided will be connected to the sewerage for drainage to prevent any stormwater pollution. Alternatively, an external waste bin cleaning contractor can be engaged for washing of bins and waste areas.

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6. Ongoing Maintenance & Sustainability Initiatives

6.1. Maintenance Management

It is the responsibility of the maintenance team for the ongoing operation and maintenance of the waste management arrangements.

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

All ongoing costs are to be fully met by the owner(s) of the building.

6.2. Waste Reduction Strategies

The maintenance team will be responsible to encourage the students/staff to reduce waste disposal and recycle materials based on the waste management hierarchy set out by Sustainability Victoria.

The hierarchy is detailed at Figure 3 below.

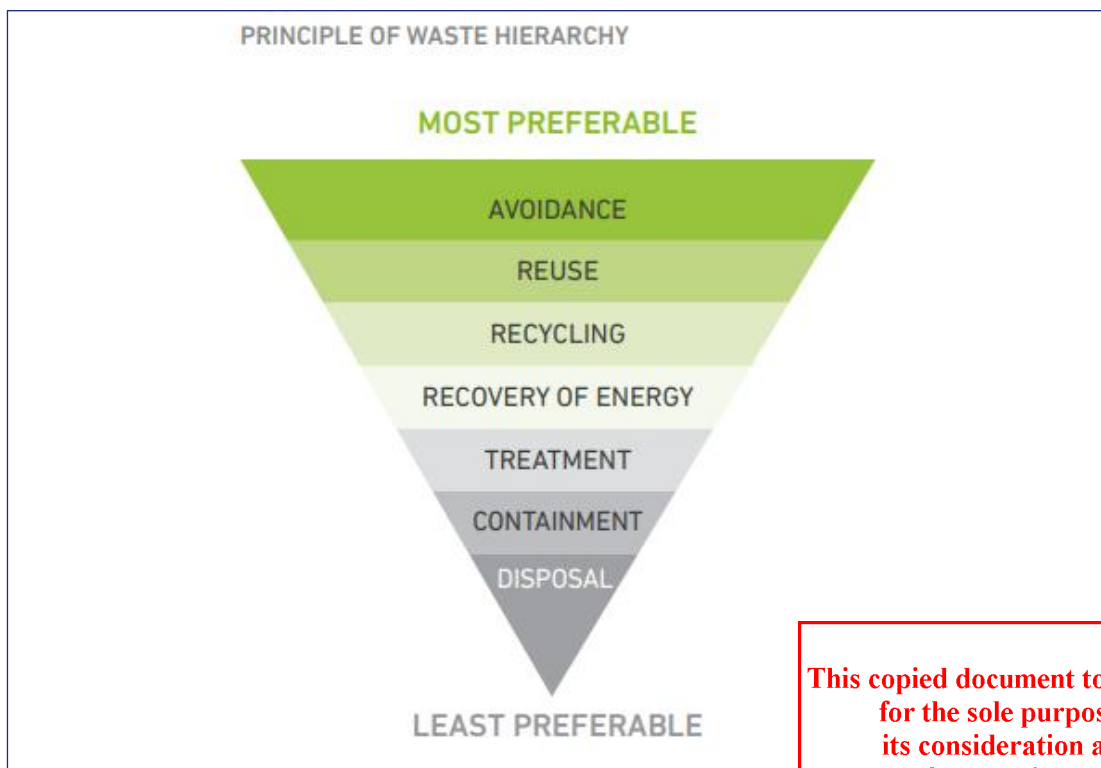


Figure 3: Sustainability Victoria's Waste Management Hierarchy

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Additionally, the maintenance team 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 maintenance team to ensure all staff 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 4.3. The maintenance team will be responsible for monitoring the Waste Management Plan. Where required, the maintenance team should undertake a waste audit to identify any modifications and/or improvements to the waste management system.

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7. Contact Information

Table 9 provides a list of common waste collection service contractors and waste equipment suppliers. The property manager 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 9: Supplier Contact Information

Service Type	Business Name	Phone	Website
Private Waste Contractors	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
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

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Appendix A

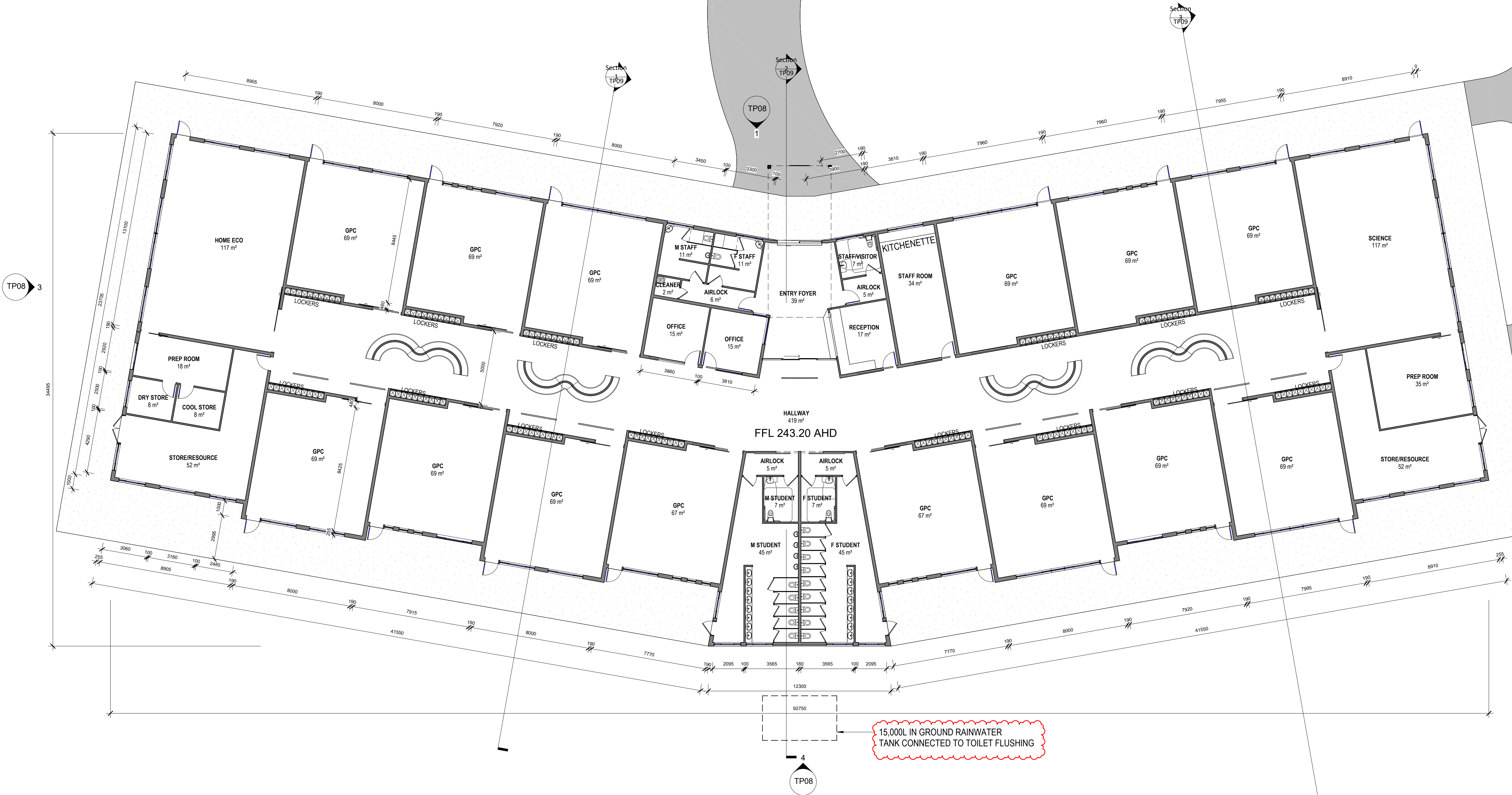
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AREA SUMMARY

Building:	2,207.82m ²
Car Park:	682.5m ²
Foot Paths:	823m ²
Bus Drop Off:	185m ²
Car Drop Off:	147m ²



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REGISTRATION INFORMATION
KYLE DAVIDSON GP - AD 62268

GO DESIGN
BUILDING LANDSCAPE PROJECT MANAGEMENT

P: 0475 261 081
E: info@godesign.net.au
W: godesign.net.au

PROJECT NO:
BMG025005

PROJECT:
BMG Staughton Vale Learning Centre

PROJECT STATUS
TOWN PLANNING

PROJECT ADDRESS
155 Staughton Vale Road, Staughton Vale 3340

PROJECT CLIENT
Bacchus Marsh Grammar Inc.

DRAWN: KD
CHECKED: KD
SCALE: 1:150
SHEET: A1

Proposed Floor Plan

REVISION HISTORY

NO.	DESCRIPTION	DATE	BY	CH
7	Town Planning 06	11/02/26	KD	
6	Town Planning 05	23/01/26	KD	
5	Town Planning 04	28/10/25	KD	
4	Town Planning 03	20/10/25	KD	
3	Town Planning 02	20/10/25	KD	
2	Town Planning 01	10/04/25	KD	
1	Concept 01	26/03/25	KD	