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PLAN**

**20427  
120 Scenic Road Highton  
Waste Management Plan  
Revision A**

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## 1.0 - Introduction

### 1.1 - Project Details

**Property Address** 120 Scenic Road Highton  
**Project Description:** Proposed New Mixed Use Building  
**Municipality:** City of Greater Geelong  
**Site Area:** 1020.11m<sup>2</sup>  
**Building Floor Area:** 286.62m<sup>2</sup>

### 1.2 - Purpose

This waste management plan has been undertaken based on architectural plan provided by JAM Architects to accompany the town planning application, and addresses the following waste management elements:

- Waste generation.
- Waste disposal.
- Waste storage.
- Waste collection.

### 1.3 - Limitations

Waste management arrangements during the construction and fit-out stages of the proposed development, as well as on-going operation and monitoring of the proposed development's waste management arrangements post occupation, are outside the scope of this waste management plan.

Additionally, the waste generation calculations presented in this report are estimates only, and are not intended to be used to determine or forecast any associated waste related operational costs.

### 1.4 - Relevant Guidelines & Policies

Relevant guidelines and policies considered as part of the preparation of this waste management plan include:

- Australian Government - National Waste Policy: Less Waste, More Resources (2018)
- Australian Standards:
  - AS 1319 - Safety Signs for the Occupational Environment.
  - AS 1668 - The Use of Air-Conditioning & Ventilation in Buildings
  - AS 2890 - Parking Facilities
  - AS 4123 - Mobile Waste & Recycling Containers
  - AS 4454 - Composts, Soil Conditioners & Mulches
  - AS 4736 - Biodegradable Plastics Suitable for Composting & Other Microbial Treatment
  - AS 5377 - Management of Electrical & Electronic Equipment for Re-Use or Recycling
  - AS 5810 - Biodegradable Plastics Suitable for Home Composting
- Disability Discrimination Act 1992.
- Environmental Protection Act 2017.
- Environmental Protection Regulations 2021.
- EPA Noise Control Guidelines (2021)
- Sustainability Victoria - Better Practice Guide for Waste Management and Recycling in Multi-Unit Developments (2018)
- Victorian Government - Recycling Victoria: A New Economy (2020)

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## 2.0 - Waste Generation

The following amounts of generated waste for the proposed development were calculated using rates adopted from Sustainability Victoria's "Better Practice Guide for Waste Management and Recycling in Multi-Unit Developments".

### 2.1 - General Waste Generation

Room/Space:	Floor Area (m <sup>2</sup> ):	Day/Week in Operation:	Waste Generation Rate L/100m <sup>2</sup> /day	Waste Generation L/Week:
Ambulant Toilet #1	2.35	7	0	0.00
Ambulant Toilet #2	2.35	7	0	0.00
Common Area	20.29	7	0	0.00
Community Space #1	48.53	7	8	27.18
Community Space #2	26.38	7	8	14.77
Exhibition Lobby	24.88	5	10	12.44
Kitchenette	4.53	5	120	27.18
Meeting Room	15.94	5	10	7.97
Staff Unisex Accessible Bathroom	8.13	5	0	0.00
Stairwell	31.10	5	0	0.00
Switchroom	6.77	5	0	0.00
Unisex Accessible Toilet	6.38	7	0	0.00
Water Monitoring Office	30.30	5	10	15.15
<b>Total:</b>	<b>227.93</b>	<b>-</b>	<b>-</b>	<b>104.69</b>

### 2.2 - Organic Waste Generation

Room/Space:	Floor Area (m <sup>2</sup> ):	Day/Week in Operation:	Waste Generation Rate L/100m <sup>2</sup> /day	Waste Generation L/Week:
Ambulant Toilet #1	2.35	7	0	0.00
Ambulant Toilet #2	2.35	7	0	0.00
Common Area	20.29	7	0	0.00
Community Space #1	48.53	7	2	6.79
Community Space #2	26.38	7	2	3.69
Exhibition Lobby	24.88	5	0	0.00
Kitchenette	4.53	5	30	6.80
Meeting Room	15.94	5	0	0.00
Staff Unisex Accessible Bathroom	8.13	5	0	0.00
Stairwell	31.10	5	0	0.00
Switchroom	6.77	5	0	0.00
Unisex Accessible Toilet	6.38	7	0	0.00
Water Monitoring Office	30.30	5	0	0.00
<b>Total:</b>	<b>227.93</b>	<b>-</b>	<b>-</b>	<b>17.28</b>

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**2.3 - Recyclable Waste Generation**

<b>Room/Space:</b>	<b>Floor Area (m<sup>2</sup>):</b>	<b>Day/Week in Operation:</b>	<b>Waste Generation Rate L/100m<sup>2</sup>/day</b>	<b>Waste Generation L/Week:</b>
Ambulant Toilet #1	2.35	7	0	0.00
Ambulant Toilet #2	2.35	7	0	0.00
Common Area	20.29	7	0	0.00
Community Space #1	48.53	7	10	33.97
Community Space #2	26.38	7	10	18.47
Exhibition Lobby	24.88	5	0	0.00
Kitchenette	4.53	5	150	33.98
Meeting Room	15.94	5	10	7.97
Staff Unisex Accessible Bathroom	8.13	5	0	0.00
Stairwell	31.10	5	0	0.00
Switchroom	6.77	5	0	0.00
Unisex Accessible Toilet	6.38	7	0	0.00
Water Monitoring Office	30.30	5	10	15.15
<b>Total:</b>	<b>227.93</b>	<b>-</b>	<b>-</b>	<b>109.53</b>

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### **3.0 - Waste Disposal**

Waste generated by the proposed development shall be sorted on-site by the occupants as follows:

#### **3.1 - General Waste Disposal**

Occupants shall place all general waste into dedicated general waste receptacles located throughout the proposed development. Once full, the general waste in these receptacles shall be emptied into the development's main general waste bin. Occupants shall ensure that all general waste is contained within tied up plastic bags prior to it being placed within the development's main general waste bin.

#### **3.2 - Organic Waste Disposal**

Occupants shall place all organic waste into dedicated organic waste caddies located within food preparation areas throughout the proposed development. Once full, the organic waste in these caddies shall be emptied into the development's main organic waste bin. Occupants shall ensure that all organic waste is unbagged or contained within approved biodegradable bags prior to it being placed within the development's main organic waste bin.

#### **3.3 - Recyclable Waste Disposal**

Occupants shall place all recyclable waste into dedicated recyclable waste receptacles located throughout the proposed development. Once full, the recyclable waste in these receptacles shall be emptied into the development's main recyclable waste bin. Occupants shall ensure that all recyclable waste is unbagged, with all bottles, cans and containers rinsed, boxes flattened and lids removed prior to being placed within the development's main organic waste bin.

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## 4.0 - Waste Storage

Waste disposed of within the proposed development shall be stored on-site by the occupants as follows:

### 4.1 - Main General Waste Bin

For the storage of general waste, a 120L red lidded bin shall be utilised as the main general waste bin for the proposed development. This bin will be approximately 930mm High, 480mm Wide and 545mm Deep.

### 4.2 - Main Organic Waste Bin

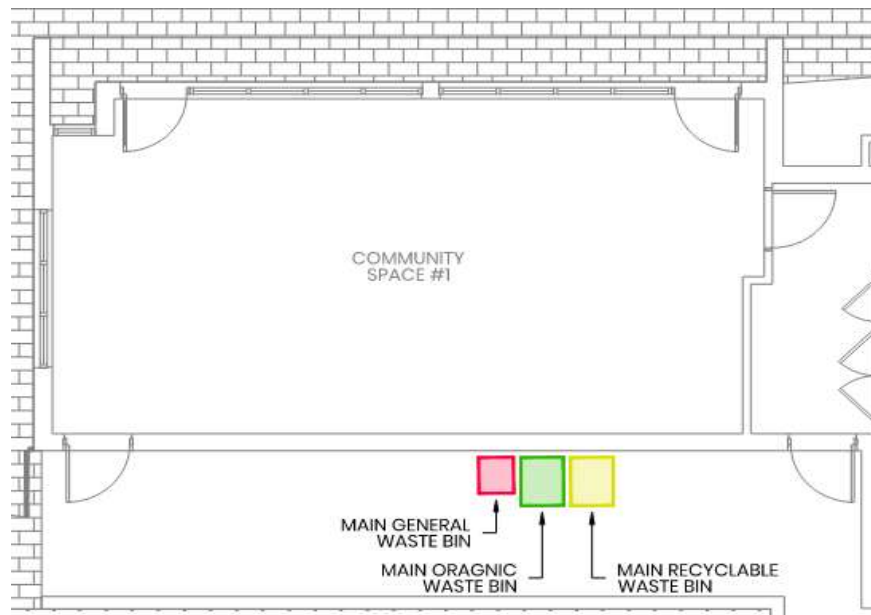
For the storage of organic waste, a 240L green lidded bin shall be utilised as the main organic waste bin for the proposed development. This bin will be approximately 1060mm High, 585mm Wide and 730mm Deep.

### 4.3 - Main Recyclable Waste Bin

For the storage of recyclable waste, a 240L yellow lidded bin shall be utilised as the main recyclable waste bin for the proposed development. This bin will be approximately 1060mm High, 585mm Wide and 730mm Deep.

### 4.4 - Main Waste Bin Storage Area

All main waste bins for the proposed development shall be stored outside the proposed development, to the rear of community space #1.



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## **5.0 - Waste Collection**

Waste stored within the proposed development shall be collected from site as follows:

### **5.1 - General Waste Collection**

The general waste within the main general waste bin shall be collected from site by the City of Greater Geelong's municipal curbside collection service, with the 120L red lidded general waste bin to be emptied on weekly basis. In order to be collected, the occupants of the proposed development will be required to place the main general waste bin at the curbside prior to collection and then retrieve it afterwards.

### **5.2 - Organic Waste Collection**

The organic waste within the main organic waste bin shall be collected from site by the City of Greater Geelong's municipal curbside collection service, with the 240L green lidded general waste bin to be emptied on fortnightly basis. In order to be collected, the occupants of the proposed development will be required to place the main organic waste bin at the curbside prior to collection and then retrieve it afterwards.

### **5.3 - Recyclable Waste Collection**

The recyclable waste within the main recyclable waste bin shall be collected from site by the City of Greater Geelong's municipal curbside collection service, with the 240L yellow lidded general waste bin to be emptied on fortnightly basis. In order to be collected, the occupants of the proposed development will be required to place the main recyclable waste bin at the curbside prior to collection and then retrieve it afterwards.

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