SITE WASTE MINIMISATION AND MANAGEMENT PLAN

Centre-based Child Care Facility

Approved Lot 205, Sophia Waters Subdivision (Stage 4A)

July 2024

Document Control					
Prepared by	**HPC Planning** ABN 93 670 815 022				
Reference	23391 SWMMP				
Rev	**Date**	**File**	**Author**	**Reviewer**	**Status**
01	27/07/2024	SWMMP	HH	CL	Draft v1
02	29/07/2024	SWMMP	HH	CL	Final v2

Urban Planning | Urban Design
Project Management | Development Advice

Contents

1 Introduction

This Site Waste Minimisation and Management Plan ('SWMMP') has been prepared for Chisholm CC Pty Ltd ATF Chisholm Unit Trust ('the applicant') and has regard to the proposed Centre-based Child Care Facility over Approved Lot 205 of the Sophia Waters Subdivision.

This SWMMP will assist in identifying the type of waste that will be generated and advise how the development intends to re-use, recycle or dispose of the generated waste in accordance with section B.6 of the *Maitland Development Control Plan 2011* ('MDCP').

2 Operational Waste Management

Preparation of this Operational Waste Management Plan has been undertaken with reference to the proponent's substantial experience with managing Child Care Facilities across Australia, and industry best practices.

2.1 Waste Generation

The following resource streams will be generated during the development's operational phase:

Material Stream	Source
General Waste	Child Care
Mixed Recycling	Child Care

The table below provides estimated volumes of materials generated by the proposed development operation in litres per week. These have been calculated using the following generation rates adopted from other centres operated by the proponent in the Hunter Region and elsewhere in Australia.

Waste stream	Generation rate	Number of children	Total estimated generation
General Waste	19L per child per week, including food waste	106	**2,014L per week**
Mixed recycling waste	12-15 litres per child per week	106	**1,590L per week**

2.2 Internal Waste Storage

The development will be provided with smaller indoor waste/recycling bins servicing each activity room for the interim storage of waste generated from the indoors / internal components of the development. It will be the responsibility of the site staff/contracted cleaners to move waste from the indoor waste/recycling receptacles to 1,100L the bulk bins as required throughout the day.

2.3 Bin Storage and Servicing Point

Figure 1 below shows the typical dimensions of a 1,100L bulk bin. Figure 2 demonstrates the location of the bin storage on site. Figure 3 demonstrates that the bin store is sufficiently sized to accommodate one general waste bulk bin and 1 recycling waste bulk bin.

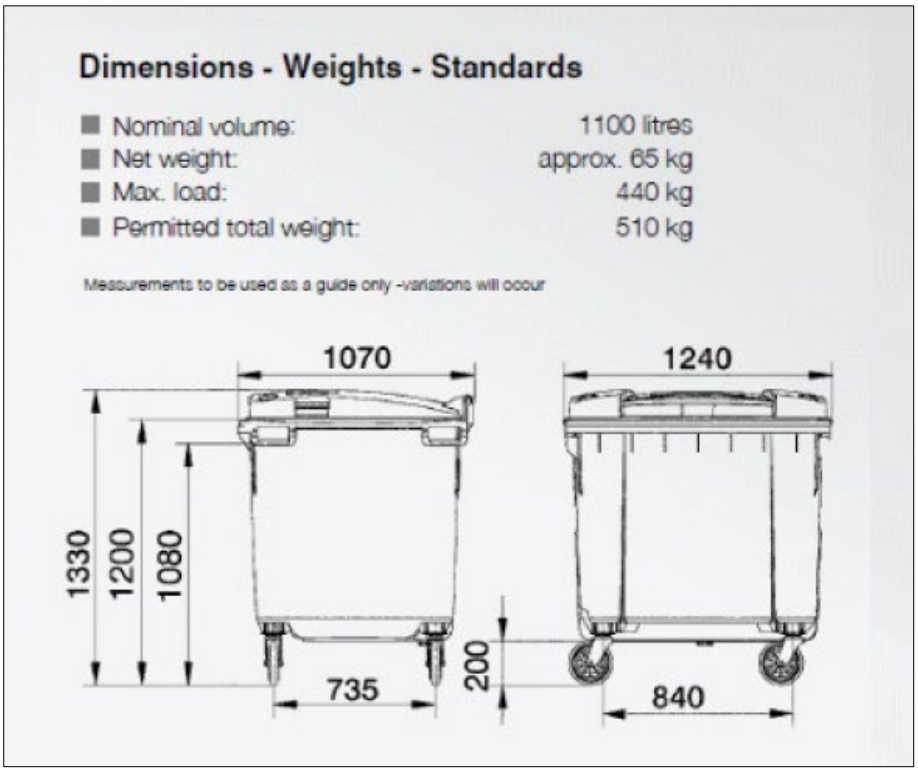

Figure 1: 1,100L bulk bin dimensions

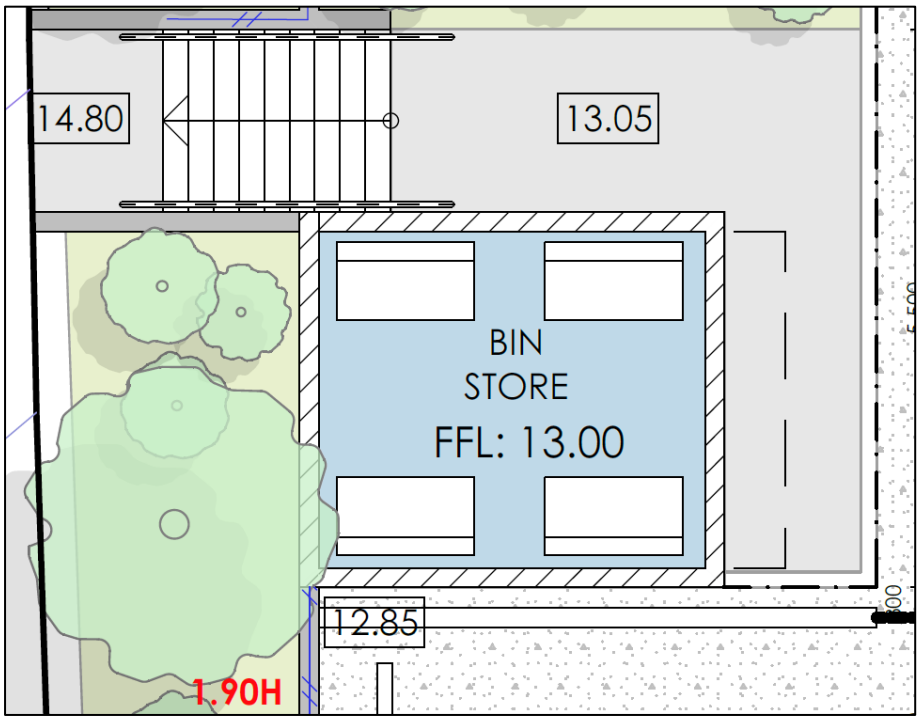

Figure 2: Bin storage area

2.4 Waste Collection

The table below shows the storage requirement and collection frequency that will be required to service the waste generated by the development. Note, as the Child Care proponent will be utilising a private waste collection contractor, waste collection will be arranged on an as-needs basis, with the number of collections indicated only a general estimate of the likely collection frequency.

Waste stream	Bin size	No. of bins	Weekly generation	Collections per week
General Waste	1,100L	2	2,014L	**1 – 2**
Mixed recycling waste	1,100L	2	1,590L	**1 – 2**

The proposed development provides for onsite refuse collection to occur from the carpark. Per the Traffic Assessment submitted with the development application material, waste collection shall occur outside peak pick up and drop off times when the garbage collection can occur within the site. The provision of a loading bay for use outside these peak times shall allow for the manoeuvring of a garbage truck within the site and to exit in a forward direction. The waste collection period (outside peak drop-off and pick up times) will be arranged with the private waste collection contractor.

3 Construction and Demolition Waste Management

Measures to manage construction and demolition waste will be specified within the Construction Environmental Management Plan (CEMP). The CEMP will be prepared to ensure that it clearly specifies:

- How waste streams are to be separated, including materials which are to be disposed of and those which are to be reused/ recycled during the demolition and construction process.
- The area of the site that is to be allocated for the storage of materials for use, recycling and disposal; and
- Measures are to be implemented to prevent health and odour risks, and windborne litter.

As the proposed development will be undertaken on a site that has been prepared for development under recent subdivision approvals for the estate, the only likely demolition waste encountered will be excavation material. Cut and fill will be minimised to reduce excess fill. Where there is excess material from excavation, this will either be reused onsite or sold as clean fill to the nearest recycling contractor.