Waste Management Plan

Prepared on Behalf of Stingray Developments Pty Ltd

September 26

Document Reference	Revision	Prepared By	Date
WMP-101201	Draft	Christopher Jones	21/8/26
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Document Control

Executive Summary

Murray & Associates (QLD) Pty Ltd, were engaged to prepare this Waste Management Plan on behalf of Stingray Developments Pty Ltd, for a proposed Material Change of Use to Establish Multiple Residential (Other than Duplex), Food Premises (Café), Business and Shop, and Reconfiguring a Lot by Community Title Scheme Subdivision, involving land described as Lot 8001 on SP344660, situated at 1 Lukin Terrace, Baringa QLD 4551.

This Plan was prepared to support the intended storage and collection of waste associated with the proposed development.

Furthermore, the report demonstrates the suitability of the proposed waste strategy in terms of waste storage volume and location, as well as the intended collection arrangement.

Murray & Associates have determined that the provisions outlined in this report are sufficient for the proposed use in accordance with the relevant Standards, we hereby request this plan be integrated into the subsequent approvals package and the requirements detailed herein be conditioned by EDQ.

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1.0 Refuse Storage Required

Table 1 - Required Refuse Storage Statistics – SCC Waste Policy

Item	Quantity	Refuse Type	Volume Required	Volume	Bulk Bin Quantity
Multiple Residential	54 dwellings	Recyclables	240L/2 dwellings	6,480L/Fortnight	-
		General Waste	240L/2 dwellings	6,480L/Week	-
Food Premises	1 Tenancies (59.65m^2 GFA)	Recyclables	2L/1.5m^2/day	1,113L/Fortnight	-
		General Waste	10L/1.5m^2/day	2,784L/Week	-
Business / Shop	4 Tenancies (168.32m^2 GFA)	Recyclables	25L/100m^2/day	589L/Fortnight	-
		General Waste	50L/100m^2/day	589L/Week	-
Total	-	Recyclables	-	8,182L/Fortnight	8
		General Waste	-	9,853L/Week	9

Using 1,100L bulk bins, with general refuse collected weekly and recyclables fortnightly, the development will be required to maintain 9 x 1,100L bulk bins for general waste and 8 x 1100 bulk bins for recyclables – **a total of 17 bulk bins**. A suitable quantity of bulk bins will be provided, noting that as the use will be staged it will start with less bins and will add more after each stage / as dictated by demand once the use is under operation (see **Appendix C**).

2.0 Proposed Waste Management System

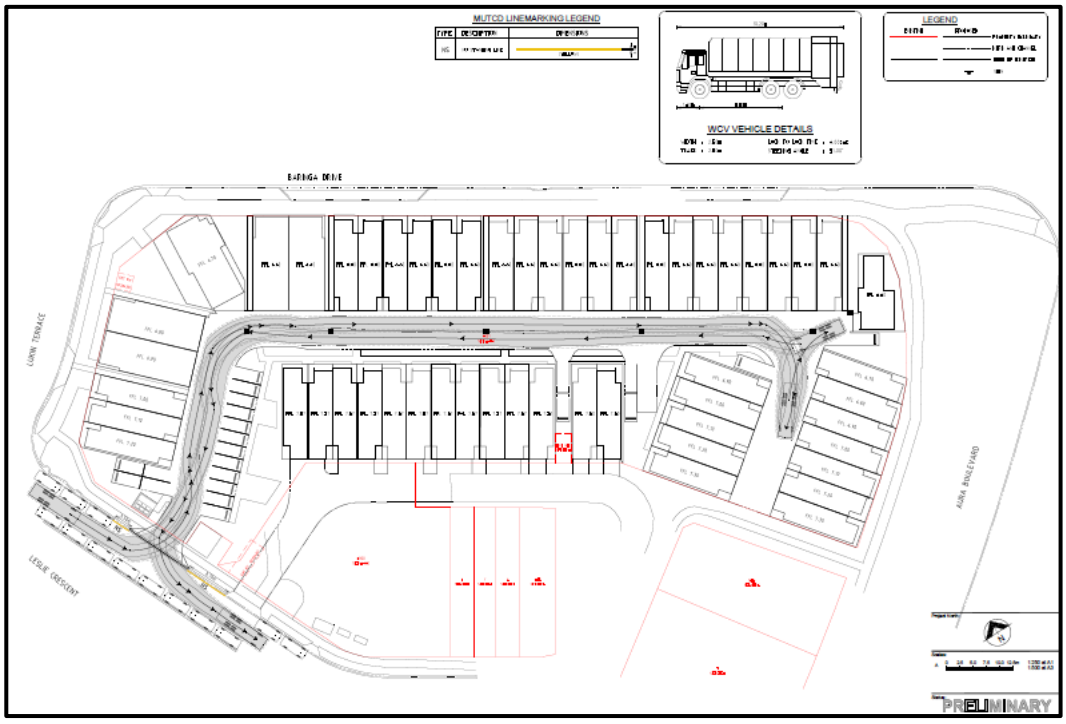


Figure 1 - WCV Swept Path

The refuse storage areas provided on-site are conveniently located near the vehicle access point (see **Appendix C – Pg. 14** for locations). Both general waste and recyclable bulk bins will be in the refuse storage areas. The proposed locations have been adopted to ensure each stage of the development is appropriately serviced.

Swept path analysis has also been carried out for a 9.9m Rear Loading Waste Collection Vehicle (RCV), representing the required Waste Collection Vehicle (WCV). As shown in Figure 7.2, the RCV can satisfactorily access the site, carry out waste collection operations and exit the site in a forward direction (see **Appendix H & I**)**.**

On collection day, the waste contractor will park at the WCV standing zone and will wheel the bins to the WCV for collection.

Once emptied the waste contractor will wheel the bins back to their enclosure.

3.0 On-Site Waste Management Provisions

The refuse storage area is of an appropriate size to accommodate the required number of bulk bins. Additionally, a bin wash pad is provided adjacent to the refuse storage area (see **Appendix C**).

Consistent with the waste policy of Sunshine Coast Council, the bin storage area is located along the main entryway and internal vehicle circulation network to ensure the waste contractor is not required to transfer the bulk bins more than 10m to the refuse collection vehicle. The internal layout also allows the refuse collection vehicle to enter and exit the site in a forward motion.

4.0 Summary

The development has been designed to accommodate 9 x 1,100L general waste bulk bins and 8 x 1,100L recyclable waste bulk bins, distributed across 4 bin storage areas located throughout the site to provide convenient access for residents and facilitate efficient waste collection by the waste contractor.