

Waste Management Plan: Nirimba Terraces by Vantage Pty Ltd

Prepared on Behalf of Nirimba by Vantage Pty Ltd

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Executive Summary

Murray & Associates (QLD) Pty Ltd, were engaged to prepare this Waste Management Plan on behalf of Nirimba by Vantage Pty Ltd, for a proposed Material Change of Use to Establish Multiple Residential (24 Dwellings) & Reconfiguring a Lot by Community Title Scheme Subdivision, involving land described as Lot 8014 on SP353719, situated at Park Avenue, Nirimba 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	24 dwellings	Recyclables	240L/2 dwellings	2,880L/Fortnight	3
		General Waste	240L/2 dwellings	2,880L/Week	3

Using 1,100L bulk bins, with general refuse collected weekly and recyclables fortnightly, the development will be required to maintain 3 x 1,100L bulk bins for general waste and 3 x 1100 bulk bins for recyclables – **a total of 6 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** for details).

2.0 Proposed Waste Management System



Figure 1 - WCV Swept Path

The refuse storage area provided on-site is conveniently located near the vehicle access point (see **Appendix C** for locations). A WCV standing zone will be established 3m from the refuse storage area to facilitate convenient waste servicing on the designated collection day. Both general waste and recyclable bulk bins will be in the refuse storage area. This location has been adopted to ensure each stage of the development is appropriately serviced.

*A WCV can satisfactorily reverse onto the site to service the site and exit in a forward gear. This arrangement is considered satisfactory given that waste collection can occur safely and efficiently without adversely impacting the operation of the surrounding road network. Collection will occur outside of peak traffic periods, and refuse storage is located within 5m of the site entrance, enabling efficient servicing without delay or obstruction (see **Appendix I** for details). Notably, swept paths for the WCV movements are included at **Appendix G** of **Appendix 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 the bins have been 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 next to the refuse storage area (see **Appendix C** for details).

Consistent with the waste policy of Sunshine Coast Council, the bin store area is located at along the main entryway to ensure the waste contractor does not have to transfer the bulk bins further than 10m to the refuse collection vehicle for collection and can leave in a forward motion.



4.0 Summary

The development has been designed to accommodate 3 x 1,100L general waste bulk bins and 3 x 1,100L recyclable waste bulk bins, with a consolidated large bin store area on the day that both general and recyclable waste are collected by the waste contractor.