

SITE WASTE MINIMISATION AND MANAGEMENT PLAN (SWMMP)

Section 1: Applicant and Project Details (All Developments)


Applicant Details

Application No.	
Name	NSW Land and Housing Corporation
Address	Locked Bag 5022, Parramatta NSW 2124
Phone number(s)	1800 738 718
Email	

Project Details

Address of development	20-22 Raymond Street, Eastwood
Existing buildings and other structures currently on the site	2x single storey residential dwellings
Description of proposed development	10 unit seniors housing development

This development achieves the waste objectives set out in City of Ryde DCP. The details on this form are the provisions and intentions for minimising waste relating to this project. All records demonstrating lawful disposal of waste will be retained and kept readily accessible for inspection by regulatory authorities such as Council, Office of Environment and Heritage or WorkCover NSW.

Name	Daniel Donai - DTA Architects
Signature	
Date	08/09/2023

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Section 2: Demolition (All Types of Developments)

Address of development: 20-22 Raymond Street, Eastwood

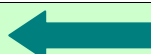
<div> <div>most favourable</div> <div>←</div> <div>least favourable</div> </div>				
	Reuse	Recycling	Disposal	
Type of waste generated	Estimate Volume (m ³) or Weight (t)	Estimate Volume (m ³) or Weight (t)	Estimate Volume (m ³) or Weight (t)	Specify method of on site reuse, contractor and recycling outlet and /or waste depot to be used
Excavation material	5 m3		3 m3	Reuse as fill if possible. Surplus sent to landfill
Timber (specify)		10 m3		Sent for recycling - Kimbriki
Concrete		12 m3		Sent for recycling - Kimbriki
Bricks/pavers		5 m3		Sent for recycling - Kimbriki
Tiles		4 m3		Sent for recycling - Kimbriki
Metal (specify)		2 m3		Sent for recycling - Kimbriki
Glass		2 m3		Sent for recycling - Kimbriki
Furniture				n/a
Fixtures and fittings			3 m3	Sent to landfill
Floor coverings		2 m3		Sent for recycling - Kimbriki
Packaging (used pallets, pallet wrap)				n/a
Garden organics	5 m3	5 m3		To be chipped and mulched on site for landscape
Containers (cans, plastic, glass)				n/a
Paper/cardboard				n/a
Residual waste			1m3	General waste sent to landfill
Hazardous/special waste e.g. asbestos (specify)				n/a. if encountered, contractor to dispose of in accordance with Australian Standards
Other (specify)				

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Section 3: Construction (All Types of Developments)

Address of development: 20-22 Raymond Street, Eastwood

most favourable



least favourable

	Reuse	Recycling	Disposal	
Type of waste generated	Estimate Volume (m ³) or Weight (t)	Estimate Volume (m ³) or Weight (t)	Estimate Volume (m ³) or Weight (t)	Specify method of on site reuse, contractor and recycling outlet and/or waste depot to be used
Excavation material	10 m3			Reuse on site where possible to grade / fill existing levels
Timber (specify)	1 m3	2 m3		Reuse in concrete formwork where possible. Trimmings sent for recycling - Kimbriki
Concrete		3 m3		Sent for recycling - Kimbriki
Bricks		3 m3		Surplus to be returned to supplier or sent for recycling - Kimbriki
Tiles		2 m3		Surplus to be returned to supplier or sent for recycling - Kimbriki
Metal (specify)		2 m3		Surplus to be returned to supplier or sent for recycling - Kimbriki
Glass		1 m3		Surplus to be returned to supplier or sent for recycling - Kimbriki
Plasterboard (offcuts)		2 m3		Surplus to be returned to supplier or sent for recycling - Kimbriki
Fixtures and fittings		1 m3		Surplus to be returned to supplier or sent for recycling - Kimbriki
Floor coverings		3 m3		Surplus to be returned to supplier or sent for recycling - Kimbriki
Packaging (used pallets, pallet wrap)		4 m3		Sent for recycling - Kimbriki
Garden organics	2 m3			To be chipped and mulched on site for landscape
Containers (cans, plastic, glass)		1 m3		Sent for recycling - Kimbriki
Paper/cardboard		0.5 m3		Sent for recycling - Kimbriki
Residual waste			0.5 m3	General waste sent to landfill
Hazardous/special waste (specify)				n/a. if encountered, contractor to dispose of in accordance with Australian Standards

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Section 4: Ongoing Operation (Residential, Multi Unit, Commercial, Mixed Use and Industrial)

Address of development: 20-22 Raymond Street, Eastwood

Type of Waste and Estimated volumes	Recyclables		Compostables	Residual waste*	Other
	Paper/ cardboard	Metals/ plastics/glass			
** Amount generated (L per unit per day)					
** Amount generated (L per development per week)	240L / 2 units /week	n/a. same as paper/cardboard	as required	240L / 2 units /week	n/a
Any reduction due to compacting equipment	n/a	n/a	n/a	n/a	n/a
*** Frequency of collections (per week)	1	1	1	1	n/a
** Number and size of storage bins required	5 x 240L	n/a. same as paper/cardboard	2 x 240L	5 x 240L	n/a
Floor area required for storage bins (m ²)	6.2 m2 bin bay provided	n/a	6.2 m2 bin bay provided	6.2 m2 bin bay provided	n/a
Floor area required for manoeuvrability (m ²)	5.8 m2 bin bay provided	n/a	5.8 m2 bin bay provided	5.8 m2 bin bay provided	n/a
Height required for manoeuvrability (m)	2.4m provided	2.4m provided	2.4m provided	2.4m provided	n/a

* Current “non-recyclables” waste generation rates typically include food waste that might be further separated for composting.

** For more information: REFER Schedules under Ryde DCP 2010 Part 7.2 Waste Minimisation and Management for information about bin sizes, numbers and waste generation rates

*** For more information: REFER Council’s website for Waste and Recycling frequency of service information at: www.ryde.nsw.gov.au, or

<http://www.ryde.nsw.gov.au/Environment/Waste+and+Recycling>

or phone Council’s Customer Service Centre on 9952 8222

Section 5: Construction Design (All Types of Developments)

Outline how measures for waste avoidance have been incorporated into the design, material purchasing and construction techniques of the development:

Materials

Standard residential construction applied – cavity brick and brick veneer, concrete floor to simplify construction.

The materials are locally sourced and readily available.

The development has been designed to brick dimensions to reduce wastage and ease of construction.

Standardized internal layouts, fixtures and fittings to reduce waste.

Lifecycle

Durable construction materials used - masonry, sheet metal, prefinished cladding, concrete to ensure durable, long lasting construction.

As standard domestic construction utilized, material wastage can be recycled at a construction reuse facility.

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Section 6: Ongoing Management of Waste (All Types of Development)

Detail the arrangements that would be appropriate for the ongoing use of waste facilities as provided in the development. Identify each stage of waste transfer between residents' units/commercial tenancies and loading into the collection vehicle, detailing the responsibility for and location and frequency of, transfer and collection.

General waste, recycling and garden waste to be stored in bins provided in garbage enclosure near the entry to the property.

Bins to be presented to the street weekly for Council collection.

Owner to ensure ongoing waste management in accordance with Council requirements and scheduling.
