

Waste Management Plan

Address of development: No. 36 Pacific Parade, Manly NSW 2095

The table below is based on Northern Beaches Council's Site Waste Minimisation Plan

Applicant and Project Details (Residential)	
Applicant Details	
Name	Matt and Bianca Mouldsdale
Address	No. 36 Pacific Parade, Manly NSW 2095
Email	
Project Details	
Address of development	No. 36 Pacific Parade, Manly NSW 2095
Existing buildings and other structures currently on site	Single storey brick cottage with tile roof.
Description of proposed development	Alterations and Additions including carport: Works involve: Minor demolition; New construction of upper floor and carport.
<i>This development achieves the waste objectives set out in the Northern Beaches (Manly) Development Control Plan. 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, relevant NSW State waste and health and safety authorities.</i>	

Waste Generation Table for Ongoing Use (Residential)
Address of development: No. 36 Pacific Parade, Manly NSW 2095

	Recyclables		Compostables	Residential Waste	Other
	Paper/ Cardboard	Metals/Plastics / glass			
Amount generated per week (Litre)	70L / per dwelling	70L / per dwelling	25L / per dwelling	100-120L / per dwelling	
Any reduction due to compacting equipment	n/a	n/a	Worm farm / composting / garden use: 2.5L	n/a	
Frequency of collections (per week)	Weekly	Weekly	Fortnightly	Weekly	
Number and size of storage bins required	x yellow lidded wheelie bin 140L / per dwelling for metals/plastics/glass & for paper/cardboard.		1 x green lidded wheelie bin 140L / shared	1 x red lidded wheelie bin 140L / per dwelling	
Floor area required for storage bins	<p>The bins require approx. 4m² of floor area. The works will increase the amount of waste / recycling / compostable material than that is already allowed for with 3 x bins. The location of these new bins are nominated on the plans in two locations:</p> <ul style="list-style-type: none"> - Internally to the ground floor garage. - Externally to the side access point. 				
Floor area required for manoeuvrability	Included in above figure.				
Height required for manoeuvrability	The location of the storage area is both external and internal. Both locations are nominated on the plans. Height restriction is not an issue.				
Washing and protection	Bins will be lidded, on wheels and located near garden tap for fortnightly cleaning (or as required).				

Waste Generation Table for Ongoing Use (Residential)
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Construction Design	
Outline how measures for waste avoidance have been incorporated into the design, material purchasing and construction techniques of the development	
Lifecycle:	The proposed new work will use timber, fibre cement, metal roof sheeting, concrete, masonry and other metals. All products are durable, long lasting and have the ability and demand to be reused after their current use is no longer required. The timber will be sourced from a sustainable plantation and as Timber is a natural product it naturally stores carbon. All other materials are long lasting with little to no maintenance and are readily recycled or reused.
Materials:	<p>It is proposed that all materials entering the site will remain onsite where possible to reduce wastage.</p> <p>Any timber that is proposed to be removed from the existing building will be retained, cleaned and prepared for reuse on site or to be reused for other construction off site.</p> <p>All bricks that are proposed to be removed from the existing building will be retained, cleaned and prepared for reuse on the new works or retained as spare bricks for the existing building.</p>
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 residence and loading into the collection vehicle, detailing the responsibility for and location and frequency of transfer and collection.	
All household recyclables, waste and green waste are stored within the existing lidded wheelie bins. These bins are stored on site as nominated on plan. This nominated area is a well ventilated space with provision for cleaning the bins. These bins are wheeled out the night before the collection date to the kerbside of Pembroke Street, immediately adjacent to the property. The bins are wheeled back into the nominated storage area the day of collection.	

Volume of Waste Table for Demolition

Address of development: No. 36 Pacific Parade, Manly NSW 2095

	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 onsite reuse, contractor and recycling outlet and or waste depot
Excavation Material	n/a			
Timber	2.5 m ³	0.5m ³	None if possible	
Concrete	1.5 m ³	n/a	None if possible	Recycled: Taken to local crushing / recycling facility.
Brick/pavers		1.5 m ³	None if possible	Recycled: Taken to local crushing / recycling facility.
Tiles – slate/terracotta		1.5m ³		Recycled: Taken to local crushing / recycling facility.
Metal - aluminium		0.75m ³	None if possible	Recycled: To local metals recycling facility.
Glass		1.5m ³	None if possible	Recycled: To local glass recycling facility.
Furniture	n/a			
Fixtures and Fittings			None if possible	Recycled: Resold or taken to local metals recycling facility.
Floor coverings			1.5m ³	Recycled: Taken to local crushing / recycling facility.
Packaging (used pallets etc)	Quantity unknown			If recycling is required: Local SITA Transfer Facility
Garden organics	n/a			
Containers	Quantity unknown			If recycling is required: Local SITA Transfer Facility
Paper/cardboard	Quantity unknown			If recycling is required: Local SITA Transfer Facility
Residual waste	n/a			
Hazardous / special waste e.g asbestos	n/a			
Other (specify)	n/a			

Volume of Waste Table for Construction

Address of development: No. 36 Pacific Parade, Manly NSW 2095

	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 onsite reuse, contractor and recycling outlet and or waste depot
Excavation Material	Quantity to be determined for Construction Certificate upon completion of the structural detailed design. It is envisaged that whatever rock or stone is encountered that this can be used on site.			
Timber	1.5m ³			Reused: For construction formwork and eventually recycled to local timber recycling facility.
Concrete	No wastage anticipated – any excess concrete will be made into landscaping pavers for use on site.			
Brick/pavers	2.0m ³	1.3m ³	n/a	Stored on site as spares; Recycled: Resold or taken to local recycling/crushing facility – for use in garden beds.
Tiles	n/a			
Metal (specify)		0.1 m ³		Recycled: To local metals recycling facility.
Glass	No waste anticipated.			
Plasterboard		0.5m ³	None if possible	Recycled: To local crushing / recycling facility.
Fixtures and Fittings	No waste anticipated.			
Floor coverings		2 m ³		Stored on site as spares; Recycled: Resold or taken to local recycling facility.
Packaging (used pallets etc)	Quantity unknown			Everything to be recycled where possible: Local SITA Transfer Facility
Garden organics	Any excess will be used on site in other areas of the front or back yard. No wastage anticipated.			
Containers	Quantity unknown			Everything to be recycled where possible:

		Local SITA Transfer Facility
Paper/cardboard	Quantity unknown	Everything to be recycled where possible: Local SITA Transfer Facility
Residual waste	n/a	
Hazardous / special waste e.g asbestos	n/a	
Other (specify)	n/a	