

WASTE MANAGEMENT PLAN

Prepared for
Homes NSW

48 New Orleans Crescent, MAROUBRA NSW 2035

WASTE MANAGEMENT PLAN

applicant and project details

applicant details

name

representative

Integrated Design Group Pty Ltd

address

phone

email

project details

site address

48 New Orleans Crescent, Maroubra 2035

existing building(s)
and/or other structure(s)
on site

The existing site contains a 1 Storey brick residential dwelling.

description of proposed
development

Demolition of existing one storey brick cottage at 48 New Orleans Crescent, including associated structures, driveway crossings and hard stands. Council street tree on front verge is also to be removed. Construction and external works of a new 3 storey residential flat building is proposed, providing 2x2-Bed units and 2x1-Bed Units and 1x studio apartment. A new driveway crossing at the south-eastern point corner of the site with driveway to under croft parking area at the rear of the site. Three car parking spaces (1x accessible) to be provided. Proposed landscape areas provide amenity to the residents, as well as the planting of two new street trees on the front verge.

waste transfer and recycling centre

Throughout this report reference is made to the nominated Waste transfers and recycling centre. We note that for this development this refers to the Rockdale Transfer Station-Advanced Resource Recovery Technology Facilities and Smithfield Material Recovery Facility. Waste destinations are subject to confirmation by contractor at construction stage, and private waste contractors during operation.

DEMOLITION

type of waste generated	estimated waste: volume (m ² or m ³) weight (t)	intent			method of onsite reuse, contractor and recycling outlet and/or waste depot to be used
		reuse	recycle	disposal	
excavation material	53m ³			✓	Excess material will be removed by excavation contractor to nominated waste transfer/recycle centre.
green waste	12m ³		✓		Removed trees to be mulched, stored on site, and re-used in landscaping.
bricks/pavers	35m ³		✓		All waste bricks will be crushed and utilised at the principal entrance to the site for gravel shaker ramp to minimise soil deposits on the surrounding road network.
concrete	6m ³		✓		Reused for filling, levelling or road base. All excess material to be recycled at nominated waste transfer/recycle centre.
timber	9m ³		✓		Reuse for formwork, remainder removed from site and recycled off site at nominated waste transfer/recycle centre
plasterboard	9m ³		✓	✓	Any leftovers to be disposed of or recycled at nominated waste transfer/recycle centre.
roof tile	76m ²		✓	✓	Any leftovers to be disposed of or recycled at nominated waste transfer/recycle centre.
glass	10m ²		✓	✓	Any leftovers to be disposed of or recycled at nominated waste transfer/recycle centre.
fixtures & fittings	2m ³		✓	✓	Any leftovers to be disposed of or recycled at nominated waste transfer/recycle centre.
hazardous/special waste e.g. asbestos (specify)	TBC at demolition			✓	All quantities of asbestos will be determined at the time of demolition. Removal and Disposal will be in accordance with the relevant Australian Standards, OH&S and EPA guidelines. All work to be completed by a suitably qualified and registered contractor.

Waste generation quantities are estimated based on area. Detailed volumes and recycling / disposal locations to be confirmed by contractor / builder at construction stage.

CONSTRUCTION

type of waste generated	estimated waste: volume (m ² or m ³) weight (t)	intent			method of onsite reuse, contractor and recycling outlet and/or waste depot to be used
		reuse	recycle	disposal	
excavation material	137m ³			✓	All excavation material is intended for reuse as fill on site. Any excavation material deemed not acceptable will be disposed of.
green waste	5m ³		✓		Mulched, composted in landscape
bricks/pavers	4m ³		✓		Offcuts crushed and used in landscape. Excess material removed by contractor to nominated waste transfer/recycle centre.
concrete	3m ³		✓	✓	Excess material removed by contractor to nominated waste transfer/recycle centre.
timber	19m ³		✓		Reuse for formwork, remainder removed from site and recycled off site at nominated waste transfer/recycle centre.
plasterboard (offcuts)	8m ²		✓		Removal for recycling or return to supplier.
metal (roof sheet)	3m ²		✓		Recycled by appropriate sub-contractor.
floor coverings	1 m ³		✓	✓	Any leftovers to be disposed of or recycled by appropriate sub-contractor.
packaging (used pallets, pallet wrap)	5m ³		✓		Recycled by appropriate sub-contractor.
containers (cans, plastic, glass)	0.5m ³		✓		Recycled by appropriate sub-contractor.
paper/cardboard	6m ³		✓		Recycled by appropriate sub-contractor.

Waste generation quantities are estimated based on area. Detailed volumes and recycling / disposal locations to be confirmed by contractor / builder at construction stage.

ongoing operation

type of waste generated	households		
	expected volume per week	Proposed on-site storage and treatment facilities	Destination
mixed garbage collection - waste that is not recyclable	720L (3 x 240L bin collected weekly)	Stored within site boundary in screened bin enclosure to the north adjacent carpark. Placed kerbside on New Orleans Crescent on collection day.	Collected weekly by council's standard services.
recycling collection -recycling bottles -cans -cartons -paper and cardboard	720L (3 x 240L bin collected fortnightly)	Stored within site boundary in screened bin enclosure to the north adjacent carpark. Placed kerbside on New Orleans Crescent on collection day.	Collected fortnightly by council's standard services.

Waste generation quantities are estimated based on rates provided in the Randwick City Council – Waste Management Guidelines for Medium-Rise Developments. All waste facilities designed on site comply with the requirements listed in the Randwick City Council Guidelines for Medium-Rise Developments.