

Waste Management Plan

MOOREFIELD 26 KINGSGROVE

11/14/2017

Applicant Name: MORFOSIS ARCHITECTS PTY LTD

Address: MOOREFIELD 26 KINGSGROVE

Project: 8 TOWNHOUSES DEVELOPMENT

1 Demolition - Stage 1

Materials On-Site		Destination		
Type of material	Estimated Volume in m3 or area in m2 or weight in tonne (t)	Reuse & Recycling		Disposal
		On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and Landfill site
Bricks	6 m3	Cleaned and used in the construction stage	Sent broken bricks to local brick recycling plant	n/a
Excavation material	1.9 m3	Used for cut and fill	n/a	n/a
Green Waste	n/a			
Tiles	15 m3		Sent to local concrete and terracotta recycler	n/a
Concrete	8 m3	Used under slab	send to local concrete recycler	
Timber-Specify	5m3- hardwood	Cut on-site and offered for fire wood		n/a
Plasterboard	4.5m2			n/a
Metals	1.2 m3		n/a	
Asbestos	n/a			
Other Waste e.g. ceramic tiles, paint, plastic, PVC cardboard...	10 m3			n/a

The waste will be separated on site by builder's demolition contractors and builder's labourers during the demolition stage.

The demolition contractors will use specialised machineries to demolish each type of material separately with minimum mixing of waste and the reduction of manual labour to separate the demolished materials. The staffs need to be trained to separate the waste in separate waste bins in order to send the recyclable materials (like metals, bricks and concrete) from non-recyclable material (like plastic, PVC ...).

The site needs to be checked on a regular basis to make sure no recyclable materials are mixed with no-recyclable materials. And to set aside on site an area to store the recyclable materials for transportation to local recycling plants.

The site manager need to erect a sign on site for waste areas, and should inform the builder's staff where material to be collected for recycling.

2 Construction - Stage 2

Materials On-Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume in m3 or area in m2 or weight in tonne (t)	On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and Landfill site
Bricks	8 m3		Sent broken bricks to local brick recycling plant "SITA Environmental Solution"	
Excavation material	6 m3	Used for cut and fill	n/a	n/a
Green Waste	n/a			
Tiles	6 m2		Sent to local concrete and terracotta recycler	n/a
Concrete	3 m3		send to local concrete recycler "SITA Environmental Solution"	
Timber-Specify	6 m3- softwood	Cut on-site and offered for fire wood		To be tipped local tip if not taken as fire wood "SITA Environmental Solution"
Plasterboard	12 m2			To be tipped in local waste plant "SITA Environmental Solution"
Metals	.3 m3		Sent to local metal recycler "SITA Environmental Solution"	
Asbestos	n/a			
Other Waste e.g. ceramic tiles, paint, plastic, PVC cardboard...	50 m3			Tipped in local waste plant "SITA Environmental Solution"

The waste will be separated on site by builder's demolition contractors and builder's labourers during the Construction stage.

The site needs to be checked on a regular basis to make sure no recyclable materials are mixed with non-recyclable materials. And to set aside on site an area to store the recyclable materials for transportation to local recycling plants.

The site manager need to erect a sign on site for waste areas, and should inform the builder's staff where material to be collected for recycling.

The site manager and/or builder to impose the execution of the waste separation policy on a regular basis and to have on-going checks.

3 On-Going Waste Management - Stage 3

Waste To be Generated			
Type of material	Estimated Volume per week litre or m3	On-Site Storage and Treatment Facilities	Destination
			Recycling Disposal Specify contractor
Glass	30 litres		Council bin
Paper	30 litres		Council bin
Green Waste	35 litres		Council bin
Food	40 litres		Council bin
Off-cuts	10 litres		Council bin
Other Waste	45 litres		Council bin

The waste will be separated after construction and during the occupation of the premises in council colour coded lids and designated usage supplied bins.

Any other waste than household waste will be disposed by special contactors hired by the house hold.

While large house hold items that do not fit in the council supplied (e.g. furniture, large cardboards...) the tenant will store until such time the council carries out a regular monthly or yearly clean-up.

The applicant