

# WASTE MANAGEMENT PLAN

## DEMOLITION, CONSTRUCTION AND USE OF PREMISES

### Out line of Proposal

Site Address: 26-30 Hope St Penrith

Applicant's name and address: Mark Makhoul – Po box 795 Kings Langley NSW 2147

Phone: 0412 109 759

Email: mark@build-design.com.au

Buildings and other structures currently on the site: Existing weatherboard & tile roof dwellings with detached outbuildings.

Brief Description of Proposal: Demolish exist. Structures, trees and outbuildings and construction of new 6 storey RFB with 45 units over basement.

The details provided on this form are the intentions of managing waste relating to this project.

Signature of Applicant:

Date:

10/04/18



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## SECTION ONE – DEMOLITION

Stage 1 of the proposed development has the great potential for waste management and recycling. The developer should consider reusing existing building materials (where possible) removed from the existing dwellings being demolished. Below is a list of area where building materials can be used for recycling and reuse,

- Great waste for mulch,
- Reuse of clean excavated soil for landscaping & retaining walls,
- Plasterboard re use for landscaping,
- Timber framing for formwork construction,
- Reuse of brickwork in construction of landscaping planterbeds & backfill

### Demolition Stage 1

Materials On-Site		DESTINATION		
		RE-USE AND RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> )	ON-SITE Specify proposed reuse or on-site recycling methods.	OFF-SITE Specify contractor and recycling outlet.	Specify contractor and landfill site.
Excavation Material	7000m <sup>3</sup>	Keep and re-use some topsoil for landscaping, planterbed & back fill. Store on-site. Use some behind retaining walls etc.	Nominated contractor for Excavation and Demolition.	Nil
Green Waste		Separated. some chipped and stored on-site for re-use on landscaping	Remainder to Australian Native Landscapes P/L Badgerys Creek	Nil
Bricks/blocks	5m <sup>3</sup>	Clean & re-use as part of new basement where possible.	Remainder to Brandown Crushing and Recycling Company	Nil
Concrete	400m <sup>2</sup>	Crush for temp driveway	To concrete Recycling Facilities	Nil
Timber – Hardwood/pine	12m <sup>3</sup>	Re-use for formwork and studwork. Chip for landscaping,	Nil	Nil
Plasterboard	300m <sup>2</sup>	Break-up and use in landscaping with remainder removed from site	Nil	Nil
Metals – Zinc-alum	4m <sup>3</sup>		To Metal Recyclers	Nil
Tiles and door fitting (incl. roof tile)	300m <sup>2</sup>	Nil	To Brandown Recycling Facilities	Nil
Kitchen cupboard, sink & stove	-	Nil	To Brandown Recycling Facilities	Nil
Bathtub vanity and closet pan	-	Nil	To Brandown Recycling Facilities	Nil
Asbestos	-	Nil	To Land Fill site By Approved Waste Contractor	Nil

**SECTION TWO – CONSTRUCTION AND USE**  
**Construction - Stage 2(a)**

Materials On-Site		DESTINATION		
		RE-USE AND RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m <sup>3</sup> ) or Area (m <sup>2</sup> )	ON-SITE Specify proposed reuse or on-site recycling methods.	OFF-SITE Specify contractor and recycling outlet.	Specify contractor and landfill site.
Excavation Material		Covered in Stage 1 part of demolition		
Green Waste		Covered in Stage 1 part of demolition		
Bricks	2m <sup>3</sup>	Use for fill behind retaining walls	Remainder to Brandown Crushing and Recycling Company	Nil
Concrete	6m <sup>3</sup>	Use for fill behind retaining walls	Remainder to concrete Crushing and Recycling Company	Nil
Timber –Oregon Pine Timber pallets Particle board finishes	5m <sup>3</sup>	Chip for landscaping,	Return full lengths to supplier, Remainder to approved landscaping supplies for chipping, return pallets to supplier	Nil
Plasterboard FC cladding	5m <sup>3</sup>	Break-up and use in landscaping	Remainder to Boral Recycling 3 Thackery St Camellia 2142	Nil
Metals – Copper Aluminum	2m <sup>3</sup>	Nil	To SellandParker Metal Recyclers for re-use	
Other – Electrical fittings Reject trade-ins PVC Plastic	2m <sup>3</sup>	Nil		To Collex Recycling Waste Contractors

Note: Details of site area to be used for on-site separation, treatment and storage (including weather protection) shown on the site management.

## Design of Facilities – Stage 2(b)

TYPE OF WASTE TO BE GENERATED	EXPECTED VOLUME PER WEEK	PROPOSED ON-SITE STORAGE AND TREATMENT FACILITIES	DESTINATION
Please specify. For example: glass, paper, food waste, off cuts etc.	Litre or m <sup>3</sup>	For example: Waste storage & recycling area Garbage chute On-site composting Compaction equipment	Recycling Disposal Specify Contractor
<p>A. Recyclables:- 1. Home paper and cardboard waste. 2. Glass, aluminium and plastic (bottles).</p> <p>B. Non-recyclables:- 1. Foodscraps etc. 2. Other plastics (eg wrapping). 3. Unrecyclable waste.</p> <p>Bulk Waste For general furniture &amp; large house hold waste</p>		<p>A. 3x1100 Litre bins emptied into compactus units stored on site</p> <p>B. 3x1100 Litre bins emptied into compactus units stored on site</p> <p>Taken to compactus units stored on site</p>	<p>Paper/cupboard to recyclers Glass/aluminium &amp; plastic to collected by council appointed contractor</p> <p>To be collected by Council appointed contractors</p> <p>To be collected by Council appointed contractors</p>

## On-going Management – Stage 2(c)

Describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, caretaker/manager on-site).

1. The Strata Management will prepare an Environmental Management System addressing home waste and recycling. This will include expectations and achievable objects for sorting and separating waste.
2. All bins are to be located within allocated storage area within basement and emptied into the compactus units for collected by council contractor.
3. An information kit for tenants followed up every 12 months.
4. To be maintained and sorted by owner/tenant.