

WASTE MANAGEMENT PLAN

DEMOLITION + CONSTRUCTION

As a condition of consent the applicable sections of this form are completed according to the LCC and DCP objectives. A copy will be given to the certified authority at PCA and CC stage.

This waste management plan will identify the type of waste that will be generated and advise how the builder plans to reuse, dispose of or recycle any waste.

The information provided on the form will be assessed against the objectives of the DCP.

OUTLINE OF PROPOSAL

Site Address	12-14 Zouch Road, Denham Court NSW
Applicants Name	INTERNATIONAL BIBLE STUDENTS ASSOCIATION
Phone	Nick Simitzis 0414 922 099
Email	nsimitzis@jw.org
Project Type	Alterations and additions to existing Religious Establishment.
Brief Description of Proposal	New office building, minor alterations to an existing Printery building and replica of an historical Biblical site.

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

SIGNATURE OF APPLICANT: INTERNATIONAL BIBLE STUDENTS ASSOCIATION

DATE: 31/07/2019

S E C T I O N O N E

D E M O L I T I O N

This is the stage with the greatest potential for waste minimisation, particularly in Sydney where there are high levels of development, relatively high tipping charges and where alternative quarry materials are located on the outskirts.

Principal: to consider whether it is possible to re-use existing buildings, or parts thereof, for the proposed use.

With careful on-site sorting and storage and by staging work programs it is possible to re-use many materials, either on-site or off-site.

In other words, to move from the attitude of “trashing the building” to “total recycling on-site”. This could require a number of colour-coded or clearly labelled bins on-site (rather than one size fits all).

- Works involved require limited demolition of stud walls, existing doors and removal of windows to make way for future fitout of areas.

DEMOLITION STAGE ONE:

MATERIALS ON SITE		DESTINATION		
		REUSE AND RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m ³) Or Area (m ²)	ON-SITE Specify proposed reuse or on-site recycling methods	OFF-SITE Specify contractor and recycling outlet	Specify contractor and landfill site
Excavation Material	Nil			
Excess topsoil (0.15m depth)	Nil			
Excess spoil (services trenching)	Nil			

Green Waste	Nil			
Bricks	20m ²		Boral Quarries and Recycling Widemere Road, Wetherill Park	
Concrete (paths)	Nil			
Concrete (foundation + wall panel)	Nil			
Timber	Nil			
Plasterboard	60m ²		Bingo Industries	
65mm Steel Studs	60m ²		Bingo Industries	
Metals Existing aluminium windows	121m ²		Bingo Industries	
Sheet metal roof	5m ²		Bingo Industries	
Insulation blanket	Nil			
Other	Nil			

Note*: Section labelled “other” includes mixed materials on the site including residual waste. Each material to be specified.

S E C T I O N T W O

C O N S T R U C T I O N S T A G E

POTENTIAL FOR WASTE MINIMISATION DURING CONSTRUCTION STAGE

Following measures will be implemented to save resources and minimise waste and noise at the construction stage.

Measures such as:

- Ordering the right quantities of materials, prefabrication of materials where possible
- No site excavations will be carried out as alteration is internal thus minimising site disturbance.
- Careful separation of off-cuts to facilitate re-use, resale or efficient recycling.
- Coordination / sequencing of various trades.

The following details will be shown on architectural plans submitted with the Construction Certificate application:

- Location of on-site containers for materials (for re-use) and containers for recycling and disposal at the existing farm shed and north of the existing Maintenance Workshop building. (Note the placement of waste containers is not permitted on public footpaths, nature strips or roadways).
 - o Containers are to be located so as to not disrupt site works, or have a detrimental effect on sediment, erosion controls and tree protection areas as well as out of site from the main road so as to maintain an orderly aesthetic to the property.
 - o Containers to be maintained in a satisfactory condition while present on the site.
- Vehicle access to the site and to storage and container areas.
 - o Timing of the removal of containers is only to be carried out during permitted construction hours
 - o Containers and all waste are to be removed prior to final inspection and occupation.
- An existing separate container is provided for the disposal of putrescible waste, such as lunch room and food scraps.
- The provision of tip fee or recycling processor's receipts will be required by council upon completion of work.

CONSTRUCTION STAGE TWO

MATERIALS ON SITE		DESTINATION		
		REUSE AND RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m ³) Or Area (m ²)	ON-SITE Specify proposed reuse or on-site recycling methods	OFF-SITE Specify contractor and recycling outlet	Specify contractor and landfill site
Excavation Material	700m ³	Cut/fill for site prep		
Excess topsoil (0.15m depth)	30m ³	On site reuse (gardens)		
Excess spoil (services trenching)	20m ³	On site reuse (farm)		
Green Waste	Nil			
Bricks	Nil			
Concrete	2.5% of waste = 20m ³			Boral Quarries and Recycling Widemere Road, Wetherill Park
Asphalt	2.5% of waste = 9m ³			Boral Quarries and Recycling Widemere Road, Wetherill Park
Fibre cement	5% of waste = 35m ²			Boral Quarries and Recycling Widemere Road, Wetherill Park
Plasterboard	5% of waste = 365m ²			Bingo Industries
Steel stud (75mm)	2.5% of waste = 50m ²		Boral Quarries and Recycling Widemere Road, Wetherill Park	

Tiles	10% of waste = 70m ²			
Insulation:	2% of waste = 14m ³			Liverpool Council
Sheet Metal	2% of waste = 25m ³			

Note*: Section labelled "other" includes mixed materials on the site including residual waste. Each material to be specified.

During Construction

The main contractor / builder must employ a clerk of works or site manager on site at all times. They shall make sure that any construction waste be put into relevant location and keep the site at all times clean and free from any dangerous wastes (cut metal / tiles) to ensure a safe workplace. Also, they shall maintain water / soil erosion management as required.

Post Construction

Household paper, plastic, glass bottles, kitchen waste to be sorted and placed into existing recycling bins. Council pick up of garbage and recycling service.

Garden waste recycled on site as mulch and compost bin.