

WASTE MANAGEMENT PLAN

DEMOLITION, CONSTRUCTION AND USE OF PREMISES

The applicable sections of this table must be completed and submitted with your Development Application.

Completing this table will assist you in identifying the type of waste that will be generated and will advise Council of how you intend to reuse, recycle or dispose of the waste.

The information provided on the form (and on submitted plans) will be assessed against the objectives of the DCP.

Site Address: 6, 6A & 6B Waropara Road, Medowie

Applicant's name and address: Medowie Christian School

C/ State Planning Services Pty Ltd

PO Box 394 Pyrmont NSW 2009

Phone: (02) 9552 1525

Fax: _____

Building and other structures currently on the site:

The site comprises a combination of permanent and demountable school buildings.

Brief description of Proposal: _

Construction of a new 2-storey administration building with a height of 7.8m comprising meeting rooms, amenities, reception, executive offices, sick bay and staff common room; and ancillary works.

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

Signature of Applicant: 

Date: 14/12/15

GENERAL

As part of their tender submissions, the Contractors will be asked to provide a management plan to show that they have regard for minimisation of waste on the site.

It will be expected that the contractors train their staff and instruct their sub-contractors of the site protocols in this regard.

The contractor will be asked to minimise direct waste, by utilising methods of separation of materials and recycling where possible.

The bin area enclosure within the construction compound will be required to have an area with labelled bins for separation of material waste.

Refer to dwg no: DA 5001 for position of bins within site compound.

STAGE ONE – DEMOLITION

The existing administration demountable will be relocated from its current position on the schools site (6B Waropara Rd) to the church site (no 6 Waropara Road).

As the building will be relocated this will minimise waste requirement for removal from site. There may be however some site work in preparation for the proposed building that will require removal.

The removal of any existing footings associated with the existing demountable will be reused in the new location where possible or removed from site as part of the waste removal plan by the Contractor.

Where excavation is required, clean soil will be disposed of off-site to an appropriate location to be confirmed by the contractor prior to removal.

If in the event that contaminated soil is discovered, it will be tested and removed in an appropriate manner by the Contractor in accordance with relevant standards, work cover authority and the NSW Environment Protection Authority (EPA) requirements.

There are a number of trees to be removed from the existing site. It is expected that these trees will be removed by a licensed contractor for other uses.

Demolition Stage One

Materials On-Site		DESTINATION		
		REUSE & RECYCLING		DISPOSAL
Type of Material	Estimated Volume (m3) or Area (m2) or weight (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
EXAMPLE *e.g. bricks	*e.g. 2m3	*e.g. clean & reuse for footings and broken bricks behind retaining walls	*e.g. sent by XYZ Demolishers to ABC Recycling Company	*e.g. nil to landfill
Excavation Material	NA			
Green Waste	32 trees	Mulched and used in landscaping		
Demountable Building	2		The buildings will be removed from site and used on the adjacent site	
Bricks	NA			
Tiles	NA			
Concrete (foundations)	3.5m ³			To be disposed of at a concrete recycler.

Timber – please specify	1000 lin.m. (decking and pergola)			To be disposed of in landfill
Plasterboard	To be contained within the demountable			
Metals	To be contained within the demountable			
Asbestos	NA			
Other waste e.g. ceramic tiles, paints, plastics, PVC tubing, cardboard.	To be contained within the demountable			

Demolition Stage One - continued

How will waste be separated and/or stored onsite for reuse and recycling?

How will site operations be managed to ensure minimal waste creation and maximum reuse and recycling?

e.g. Staff training, selected deconstruction v. straight demolition, waste management requirements stipulated in contracts with sub-contractors, on-going checks by site supervisors, separate area set aside for sorted wastes, clear signage for waste areas etc.

Subsequent to the appointment of the Principal Contractor, the Contractor will provide a materials re-use plan for review by the Project Manager and Client.

The majority of the demolition on site is the removal of the existing demountables. These demountables are intended to be relocated to the adjacent site for re-use. The demountable foundations and ancillary structures will require demolition and disposal. The concrete foundations are to be taken to a concrete recycler while the remainder of the materials will likely be taken to land fill.

All Waste Certificates will be retained on site.

Any hazardous materials identified on site will be appropriately treated and disposed of.

STAGE TWO – CONSTRUCTION

Stage Two – Potential for Waste Minimisation During Construction Stage

The following measures will also be implemented to save resources and minimise waste at the construction stage:

- Purchasing Policy – i.e. Ordering the right quantities of materials and prefabrication of materials where possible;
- Reusing formwork;
- Minimising site disturbance, limiting unnecessary excavation;
- Careful source separation of off-cuts to facilitate re-use, resale or efficient recycling;
- Co-ordination/sequencing of various trades.

As stated previously under general - the bin area enclosure within the construction compound will be required to have an area with labelled bins for separation of material waste.

Materials on site		Destination		
	Estimated Volume m3	Reuse On site	Reuse Off site	Disposal
Excavation	40m ³		TBC by contractor	
Concrete	5 m ³		If possibly TBC by contractor	Landfill
Timber	15m ³		TBC by contractor	
Masonry	10m ³		TBC by contractor	
steel	10m ³		TBC by contractor	
Plasterboard	15m ³			Landfill
Other builders waste	20m ³			Landfill

There is an appropriate separation facility located as below:

Summerhill Waste Management Facility
 141 Minmi Rd
 Wallsend NSW

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There will be waste receptacles for separation of recycled components on site. There will also be waste receptacles for landfill sites should materials require disposal at landfill

The specific details of our waste separation on and off site will confirmed with the Principle Contractor prior to the commencement of demolition and construction.

STAGE THREE – DESIGN OF FACILITIES

There will be no change in the waste management system for the new administration and therefore no design is required. Waste in the new building will be disposed of in a similar manner to the existing administration building.

ON-GOING MANAGEMENT

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

At the conclusion of the Stage 1 DA, the amount of operational waste is not expected to significantly increase or increase at all and therefore the existing waste management system can be maintained.

Medowie Christian School have a Facilities Management Department and cleaning team.

Medowie Christian School will continue to implement their Waste Management policies and the general management of the site following construction completion.