

If space is insufficient in the table please provide attachments.

Outline of Proposal

Site address: 3 Memory Ave, Crookwell

Applicant's name and address: Bluesox Development 27 Australia Street Camperdown 2050

Phone: N/A **Mobile:** 0413 358 878

Email: jonathan@bluesox.com.au

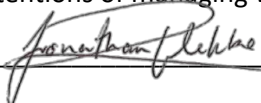
Building and other structures currently on site:

Vacant Land

Brief description of proposal:

Construction of a single storey childcare centre for 92 kids. The details provided on these forms, plans and attached documents are the intentions of managing waste relating to this project.

Signature of applicant: _____



Date: 22/05/2025

DEMOLITION & CONSTRUCTION

Council is seeking to reduce the quantity of waste and encourage the recycling of waste generated by demolition and construction works. Applicants should seek to demonstrate project management which seeks to:

1. Re-use excavated material on-site and disposal of any excess to an approved site
2. Green waste mulched and re-used on-site as appropriate, or recycled off-site
3. Bricks, tiles and concrete re-used on-site as appropriate, or recycled off-site
4. Plasterboard waste returned to supplier for recycling
5. Framing timber re-used on site or recycled off-site
6. Windows, doors and joinery recycled off-site
7. All asbestos, hazardous and/or intractable wastes are to be disposed of in accordance with WorkCover Authority and EPA requirements
8. Plumbing, fittings and metal elements recycled off site
9. Ordering the right quantities of materials and prefabrication of materials where possible
10. Re-using formwork
11. Careful source separation of off-cuts to facilitate re-use, resale or recycling

How to Estimate Quantities of Waste

- There are many simple techniques to estimate volumes of construction and demolition waste. The information below can be used as a guide by builders, developers & homeowners when completing a waste management plan:

To estimate Your Waste:

1. Quantify materials for the project
2. Use margin normally allowed in ordering
3. Copy these amount of waste into your waste management plan

When estimating waste the following percentages are building “rule of thumb” and relate to renovations and small home building:

Material	Waste as a Percent of the Total Material Ordered
Timber	5-7%
Plasterboard	5-20%
Concrete	3-5%
Bricks	5-10%
Tiles	2-5%

Converting Volume into Tonnes : A Guide for Conversion

Timber = 0.5 tonnes per m³
Concrete = 2.4 tonne per m³
Bricks = 1.0 tonne per m³
Tiles = 0.75 tonne per m³
Steel = 2.4 tonne per m³

To improve/provide more reliable figures:

- Compare your projected waste quantities with actual waste produced;
- Conduct waste audits of current projects;
- Note waste generated and disposal methods;
- Look at past waste disposal receipts;
- Record this information to help estimate future waste management plans.
- On a waste management plan amounts of waste may be stated in – m² or m³ or tonnes (t).

IMPORTANT

- The following tables should be completed by applicants proposing any demolition or construction work including the change of use, fit-out as well as alterations and additions of existing premises.
- The location of temporary waste storage areas and soil stockpiles during demolition and construction are to be shown on the submitted plans.
- Vehicle access to and from the site must be shown on the submitted plans.
- Stage three – Design of facilities should be completed by all applicants including change of use, fit-out as well as alterations and additions.

Demolition Stage One – No Demolition is proposed

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m ³) or Area (m ²) or weight (tonnes)	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
Excavation material	N/A	N/A	N/A	N/A
Green waste	N/A	N/A	N/A	N/A
Bricks	N/A	N/A	N/A	N/A
Tiles	N/A	N/A	N/A	N/A
Concrete	N/A	N/A	N/A	N/A
Timber	N/A	N/A	N/A	N/A
Plasterboard	N/A	N/A	N/A	N/A
Metals	N/A	N/A	N/A	N/A
Asbestos	N/A	N/A	N/A	N/A
Other waste	N/A	N/A	N/A	N/A

Construction Stage two – To be completed for proposals involving construction

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m ³) or Area (m ²) or weight (tonnes)	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
Excavation material	200m ³	To be reused on site	Remainder of material to be taken off-site By Competitive Tender (Contractor to Be Determined)	By Competitive Tender (Contractor to Be Determined)
Green waste	5m ³	Separate Some Chipped and stored on site for re-use on landscaping	Remainder of material to be taken off-site By Competitive Tender (Contractor to Be Determined)	By Competitive Tender (Contractor to Be Determined)
Bricks	1m ³	Clean and re-use bricks for fill	Remainder of material to be taken off-site By Competitive Tender (Contractor to Be Determined)	By Competitive Tender (Contractor to Be Determined)
Tiles	0.5m ³	Broken Tiles for fill onsite	Remainder of material to be taken off-site By Competitive Tender (Contractor to Be Determined)	By Competitive Tender (Contractor to Be Determined)
Concrete	2m ³	Crush concrete for temporary driveway	Remainder of material to be taken off-site By Competitive Tender (Contractor to Be Determined)	By Competitive Tender (Contractor to Be Determined)

Timber	0.1m ³	Re-use for formwork and studwork. Chip remainder for use in landscaping.	Remainder of material to be taken off-site By Competitive Tender (Contractor to Be Determined)	By Competitive Tender (Contractor to Be Determined)
Plasterboard	0.2m ³	N/A	By Competitive Tender (Contractor to Be Determined)	By Competitive Tender (Contractor to Be Determined)
Metals	0.1m ³	N/A	By Competitive Tender (Contractor to Be Determined)	By Competitive Tender (Contractor to Be Determined)
Others	0.5m ³	N/A	Specialised Contractor to be determined by competitive tender	Specialised landfill to be determined by competitive tender

Operation Measures:

Recycling Materials:

Demolition & Construction materials removed from site will need to be managed in accordance with the provisions of current legislation and may include segregation by material type classification in accordance with NSW EPA (2014) *Waste Classification Guidelines, Part 1: Classifying Waste* and disposal at facilities appropriately licensed to receive the particular materials.

Training/Site Inductions

All staff employed during the demolition and construction stages of the development must undertake site-specific induction training regarding the procedures for waste management. Employees of the head contractor will undertake a specific induction outlining their duties and how they are to enforce the waste management procedures.

Induction training will include the following at a minimum:

- Legal obligations;
- Emergency response procedures on site;
- Waste storage locations and separation of waste;
- Litter management in transit and on site;
- The implications of poor waste management practices;
- Correct use of general-purpose spill kits;
- Responsibility and reporting (including identification of personnel responsible for waste management and individual responsibilities).

Materials Selection and Ordering

- Selection of all materials will be undertaken by architectural designers;
- Prefabrication of materials off-site where possible;
- Materials requirements are to be accurately calculated to minimise waste from over-ordering;
- Materials ordering process is to aim at minimisation of materials packaging;
- Material Safety Data Sheets (MSDS) are to accompany all materials delivered to site, where required, to ensure that safe handling and storage procedures are implemented.

Waste Avoidance Opportunities

- Limiting unnecessary excavation;
- Selection of construction materials taking into consideration to their long lifespan and potential for reuse;
- Ordering materials to size and ordering pre-cut and prefabricated materials;
- Reuse of formwork;
- Planned work staging;
- Use of naturally ventilating buildings to reduce ductwork;

- Reducing packaging waste on-site by returning packaging to suppliers where possible, purchasing in bulk and requesting cardboard or metal drums rather than plastics;
- Requesting metal straps rather than shrink wrap and using returnable packaging such as pallets and reels;
- Reduction of PVC use;
- Use of low VOC (volatile organic compounds) paints, floor coverings and adhesives;
- Use of fittings and furnishings that have been recycled or incorporate recycled materials;
- Use of building materials, fittings and furnishings with consideration to their longevity, adaptation, disassembly, reuse and recycling potential.

Site Procedures

- Excavated materials will be used onsite where practical;
- Green waste will be mulched and reused in landscaping either onsite or offsite;
- Concrete, tiles and bricks will be reused or recycled offsite;
- Steel will be recycled offsite; all other metals will be recycled where economically viable;
- Framing timber will be reused on-site or recycled off-site;
- Windows, doors and joinery will be recycled off-site where possible;
- Plumbing, fittings and joinery will be recycled off-site where possible;
- Plasterboard will be re-used in landscaping on-site or returned to the supplier for recycling where possible;
- All used crates will be stored for reuse unless damaged;
- All glass that can be economically recycling will be;
- All solid waste timber, brick, concrete, rock, plasterboard and other materials that cannot be reused or recycled will be taken to an appropriate facility for treatment to recover further resources or for disposal to landfill in an approved manner;
- All asbestos, hazardous and/or intractable wastes are to be disposed of in accordance with WorkCover Authority and EPA requirements;
- Provision for the collection of batteries, fluorescent tubes, smoke detectors and other recyclable resources will be provided on site;
- Beverage container recycling will be provided on-site for employee use;
- All waste and recycling will be disposed of via council approved systems.

Design of facilities (Use of site) Stage three – To be completed for all proposals including change of use, fit out as well as alterations and additions

- Applicants should refer to Councils document 'Waste Management Guidelines for new Development Applications' for specific requirements related to the type of development proposed. This is available on Councils website.
- In the case of change of use, fit out as well as alterations and additions, if the proposal involves existing waste management practices then full details of current methods are to be provided
- All proposals are to show the waste storage areas on plan drawings which should accompany your application

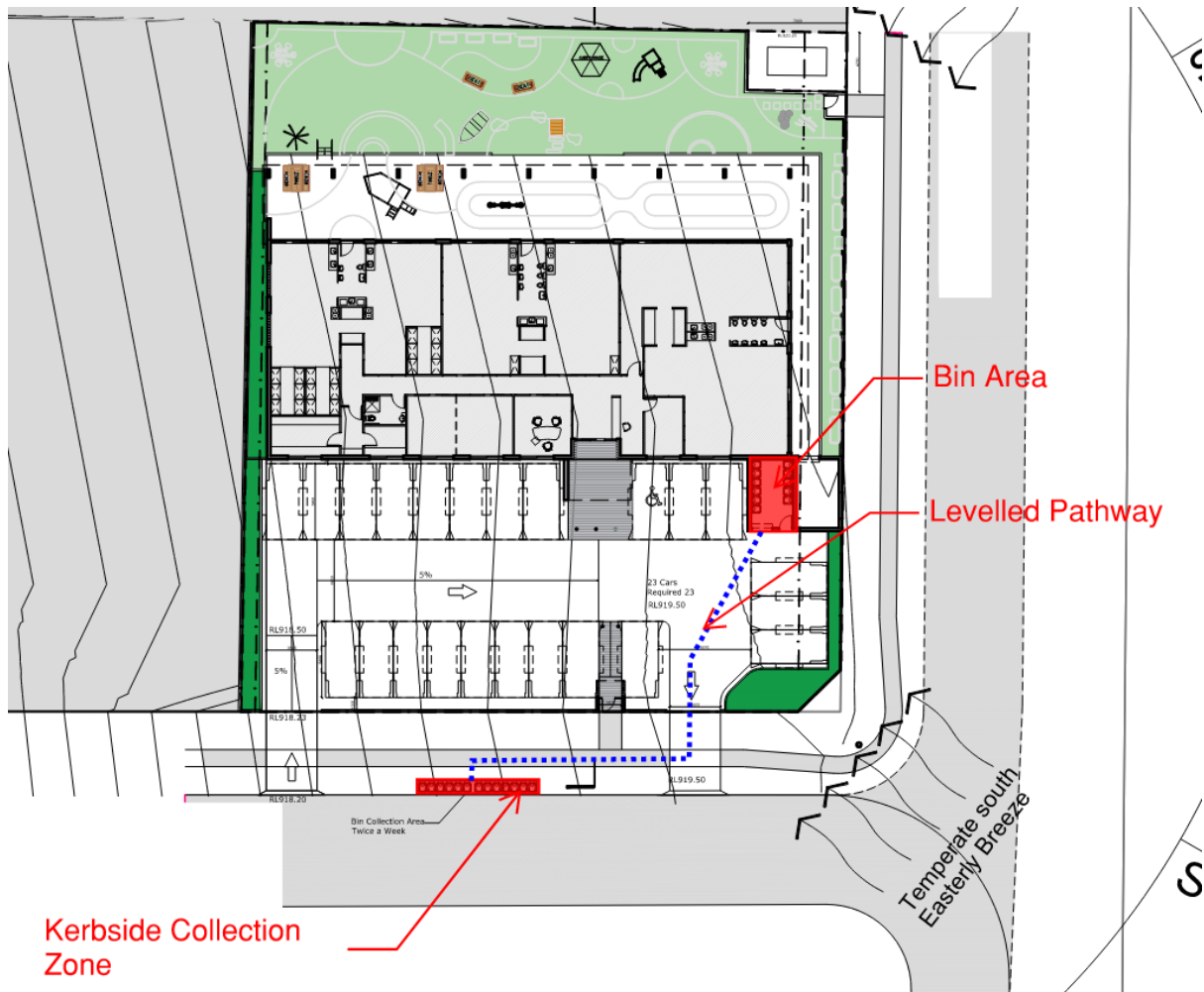
# of Children	General Waste Generation Rate (L/Child/Day)	Generate General Waste (L/Week)	Recycling Waste Generation Rate (L/Child/Day)	Generate Recycling Waste (L/Week)
92	5	2300L	5	2300L
Total		2300L		2300L
Bin Collection	General Waste Bin Size	240L	Recycling Waste Bin Size	240L
	General Waste Collection per week	2	Recycling Waste Collection per week	2
	Total General Waste Bins required	5	Total Recycling Waste Bins required	5
Additional Bins to be included:				
Green Waste	Total Bins	1 fortnightly		
Nappies	Total Bins	2 (collected twice a week)		

Describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, caretaker, strata manger) as well as provide details of how the bin store area complies with councils' bin storage area requirements relevant to the type of proposed development.

Council will collect the childcare centre's waste and recycling bins from the kerbside as specified in the schedule above.

Waste and recycling bins will be wheeled to the kerbside for collection in accordance with the scheduled service times and returned to the designated waste storage area following collection.

The area on the kerbside is shown on the site plan.



Site Plan showing location of Bin Area, Collection zone and the trajectory to move them for collection