



WASTE MANAGEMENT PLAN

Proposed Child Care Centre

110 - 112 Deccan Street

GOULBURN

NOVEMBER 2024

Ref: WA541_0

Prepared For: Stone Commercial Group Pty Ltd

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1. Introduction

Wongala Consulting Engineers was appointed by Stone Commercial Group Pty Ltd to provide a waste management plan to support a development application for a proposed child care centre development located at 110 – 112 Deccan Street, Goulburn that is to be submitted to Goulburn Mulwaree Council. The following waste management plan will provide details on the proposed waste strategies for demolition, construction and the ongoing use of the development.

2. Proposed Development

The proposed development involves demolition works and the construction of a child care centre at 110 - 112 Deccan Street, Goulburn. Figure 1 presents an aerial of the development, showcasing the location and surrounding area.



Figure 1: Aerial Photo of Subject Site (Nearmap)

3. Demolition Waste Management

All existing structures will be demolished to make way for the proposed structure. During demolition phases, the demand for waste disposal will be reduced. Demolition waste shall be maximised, reused and recycled where possible. Ultimately, the goal is to minimise waste that is directed to landfill through selective deconstruction, reuse of materials, recycling of solid waste

either on or offsite and appropriate storage and collection of waste ensuring that materials are not contaminated.

The following control measures will be adopted to minimise and manage waste during the demolition phase:

- Waste will be stored in a manner that does not pose harm to the surrounding area with stormwater runoff to be held on site preventing waste from flowing down the street
- Skip bin to be provided on site for waste materials and spoil
- Materials to be separated for reuse or recycling
- Vehicles travelling to the site to be securely covered
- No mixing of differing waste types
- If Asbestos is found during demolition, it is to be disposed of in accordance with NSW Government laws and regulations
- Waste products that are unable to be reused or recycled or to be removed in accordance with NSW EPA requirements
- Prior to any demolition works, all adjoining neighbours and Council shall be notified at least 5 working days prior to commencement

All waste during demolition shall be stored separately on site as follows:

- General waste
- Metals
- Bricks/Concrete
- Timber
- Spoil

If asbestos is discovered during demolition, it and any other hazardous materials must be removed, handled and disposed of according to the NSW Government requirements and all Workplace Health and Safety (WHS) laws. Licensed asbestos removal workers are to be engaged, ensuring there are decontamination facilities provided. The asbestos is to be contained and labelled prior to asbestos leaving the area. Disposal is to be undertaken as soon as practicable at an appropriate waste facility that is authorised to dispose of asbestos waste. A hygienist is to be engaged to provide a clearance certificate prior to reoccupation of the site.

The following table provides a snapshot of the waste management expected for the demolition phase:

Table 1: General Demolition Waste

Waste Material	Vol (m3)	On-Site Disposal	Off-Site Disposal
Excavation Material	More than 10m3	Keep and re-use topsoil for landscaping. Store on site and use where required	Re-used as fill on another development site
Green Waste	Less than 10m3	N/A	Goulburn Waste Management Centre
Bricks	More than 10m3	N/A	Landscape Supplier
Concrete	Less than 10m3	Crush and use where possible (aggregate for stormwater drainage)	Landscape Supplier
Tiles	Less than 10m3	Crush and use where possible (aggregate for stormwater drainage)	Landscape Supplier
Metal	Less than 10m3	N/A	Goulburn Waste Management Centre
Timber	Less than 10m3	N/A	Goulburn Waste Management Centre

4. Construction Waste Management

A skip bin company will be utilised to transfer waste from the site to a suitable disposal facility. At this stage, the details of the skip bin company that will be utilised is yet to be confirmed. Waste is to be separated by all contractors on site during construction. Regular checks will be undertaken by the builder, ensuring recyclable materials are not mixed with non-recyclable materials, ensuring that all recyclable materials are being taken to appropriate recycling facilities where possible. Waste is to be protected from rain at all times. Reduction of waste generation will be achieved through utilising materials that can be delivered in returnable packaging (i.e. returning timber pallets) and through careful selection of materials that do not require plastic packaging.

5. Operational Waste Management

The commercial operator of the proposed child care centre will have the responsibility for ensuring that waste generated from the proposed use are separated into general waste, re-usable items and recyclables. Staff are to be trained ensuring that proper waste techniques are implemented.

Anticipated waste collection services provided by Goulburn Mulwaree Council would be conducted weekly, with pick up to be undertaken on Clifford Street, utilising the kerb directly out the front of the site. Goulburn Mulwaree Council do not specify specific waste generation rates for a child care centre. From previous experience with other Councils within NSW (e.g. Hills Shire Council), the expected waste generation of a child care centre can be calculated at a rate of 50L of garbage per

100m² GFA per day, and 50L of recycling per 100m² GFA per day. Based on a total GFA of approximately 480m², the required waste on a weekly basis has been calculated for the proposed child care centre:

- 5 x 240L General Waste Bins
- 5 x 240L Recycling Bins

Baini Design have drafted architectural plans showcasing the location of the proposed bin storage area. It is deemed there is sufficient area to house the required bins within the waste room, with the door deemed to be wide enough to transfer the bins in and out of the waste room. The location of the waste bin room ensures that waste bin will be easily transferred into the lift and out onto Clifford Street utilising the accessible footpath within the front setback.

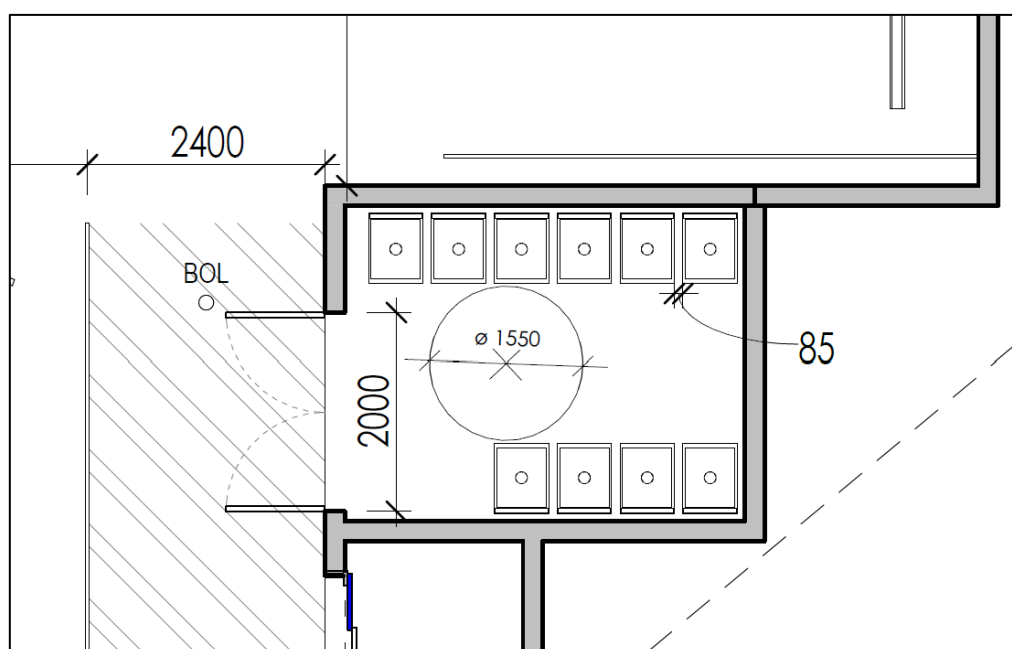


Figure 2: Waste Bin Storage Room – 110-112 Deccan Street, Goulburn

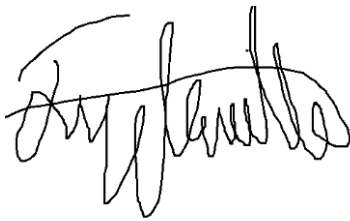
Based on the standard size of a 240L bin (580mm wide x 735mm deep), 10 bins will be able to be housed within the bin storage area (as shown on architectural plans) on each side of the bin room. As 5 separate garbage & 5 separate recycling bins are required to meet Council's requirements, the bin storage area is deemed to be adequately sized.

Staff from the child care centre will manage internal waste using bins placed throughout the internal rooms. At the end of each day, the waste is to be transferred to the external bin storage area where necessary ensuring recyclables and general waste are separated and placed in their appropriate bins. Staff will wheel the bins out to Clifford Street on the designated bin collection days. Once the bins have been collected, the bins will be wheeled back into the bin storage area.

Any green waste that is created through maintenance of gardens and soft landscaping areas will be collected and removed by a contractor hired by the child care centre to undertake garden maintenance.

6. Conclusion

Wongala Consulting Engineers was engaged to provide a waste management plan to support a development application for a proposed child care centre development located at 110-112 Deccan Street, Goulburn that is to be submitted to Goulburn Mulwaree Council. The waste management plan provided as above has provided details on the proposed waste strategies for demolition, construction and the ongoing use of the development.



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Date: 07/11/2024