## DA Details

## Outline of Proposal

Site Address:

1290 Greendale Park Road Wallacia

Applicant's Name and Address:

Soukutsu C/O MKD Architects Pty Ltd

2/263 Enmore Road Enmore NSW 2042

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Type of development: (please tick)

| | | | |
|---|---|---|---|
| Residential & Commercial | ☐ | Commercial | √ |
| Residential | ☐ | Industrial | ☐ |

Brief description of proposal:

Concept DA and Stage 1 proposal for the construction of a cemetery including mausoleums, crematoria, chapel, hall, gatehouse, administration buildings, onsite parking, access roads and associated onsite parking, bulk earthworks and associated flood management works.

The proposal contains the following burial types:

Inground burial plots - 120,000

Six (6) mausoleum buildings - 555,000

Crematorium walls - 100,000

Stage 1 DA seeks consent for the demolition of existing structures, bulk excavation and flood mitigation works for the entire site, construction of Pad 1 access road, gatehouse, administration building, crematoria, onsite wastewater treatment and associated onsite parking.

Date: 04/12/2020

## Use of Premises

This section should be used to provide detail of the type and volume of waste expected to be produced once the proposed development has been occupied, and how that waste will be treated. Please note that Council provides all services to residential properties and prescribes the number and type of bins to be used. Specific information can be obtained for Council's Waste Services unit.

Please address each item listed below; where an issue is not relevant for a certain development type please write "Not applicable" next to that item.

| Type of waste to be generated | Expected volume per week | Proposed on-site storage and treatment facilities | Destination |
|---|---|---|---|
| Specify types of waste by categories listed above | Litres or cubic metres | Waste storage area, chute/compactor arrangement, on-site organics processing | Collection by who, where is waste to be disposed |
| **Commercial / Retail / Restaurant** | | | |
| Garbage (Commercial/ Retail) | 4,400L/week | N/A | Collected by Private Waste Contractor |
| Recyclables (Commercial/ Retail)<br>– Paper and cardboard<br>– Containers<br>– Other (please specify) | 4,400L/week | N/A | Collected by Private Waste Contractor |
| Garbage (Restaurant) | N/A | N/A | N/A |
| Recycling (Restaurant) | N/A | N/A | N/A |
| Medical / Clinical waste | N/A | N/A | N/A |

| | | | |
|---|---|---|---|
| Liquid Trade waste | N/A | N/A | N/A |
| Other (please specify) | N/A | N/A | N/A |
| **Residential** | | | |
| Household Garbage<br>(Service provided by Council - 140 litres per week for single dwellings and 120 litres per week per unit for multi unit dwellings) | N/A | N/A | N/A |
| Household Recyclables<br>(Service provided by Council - 120 litres per week for single dwellings and 120 litres per unit for multi unit dwellings) | N/A | N/A | N/A |
| Green waste<br>(Service provided by Council - 120 litres per week for single dwellings) | N/A | N/A | N/A |

## Ongoing Management

This section should be used to provide detail of proposed on-going management of waste on-site. Please address each item listed below; where an issue is not relevant for a certain development type please write “Not applicable” next to that item.

Where mixed residential and commercial complexes, the arrangement for Commercial, Retail, Residential and Other Services should be dealt with separately. This can be done by copying the table below for each type of development, or by clearly outlining the requirements for each development in the Comments sections.

| Issue | Comment |
|---|---|
| **Waste management equipment and systems** | Describe the equipment and systems to be used for managing garbage, recycling, green waste, clean up materials, and other wastes as applicable.<br>Note: Mixed use developments must demonstrate how commercial / retail waste will be kept separate from residential waste. |
| Number, size, and type of bins/waste receptacles required for each waste stream (specify residential and commercial/retial requirements separately).<br>Note: Where compaction is proposed, derivation of the number of garbage bins is to be shown | 6 Bins @1100L each – 4 Garbage & 4 Recycling |
| Details of waste management equipment (for example where compaction equipment is to be used include detail of type, make, model, and rated compaction ratio) | N/A |
| **Storage facilities** | Describe storage facilities allocated for waste management. |
| Space allocation for garbage, recycling, and other wastes | Within blade walls, *an internal area which is fully lockable,* – accommodates 8 Bins @1100L for stage 1 works |
| Location of storage area/s | The waste bins will be located within the blade fin walls around the stage 1 buildings. |
| **Movement of material from source to point of collection** | |
| Pathway for movement of waste from source to storage areas and point of collection (including gradients of paths, use of service lifts or chutes, etc) | The waste bins will be located within the blade fin walls, *which is a fully enclosed internal area,* around the stage 1 buildings. Commercial contractor will collect the waste from these bins store locations. |
| - Persons responsible for movement of waste from source to waste storage areas (for example, cleaning staff, residents, etc)<br>- Persons responsible for movement of waste of waste from storage area to collection point (for example residents, building caretaker, waste collection staff/contractors) | • Cleaners are responsible for the transfer of their garbage/ recycling to the bins within the waste room, which are within the blade walls.<br>• The Building/ Waste Care Taker will be employed Monday – Friday to take care of the bins and the waste storage rooms. |
| **Access** | |
| Arrangements for residents/commercial customers to access waste facilities | The waste bins will be located within the blade fin walls around the stage 1 buildings. Commercial contractor will collect the waste from these bins store locations. |
| Arrangements for waste collection staff to access waste facilities | All Waste Storage rooms are accessible to waste collection staff |
| **Collection** | |

| Issue | Comment |
|---|---|
| - Frequency of collection for different waste types<br>- Who will be providing the collection service | • Bins will be collected weekly by private contractors within the property. |
| Specified collection point (kerbside, internal, etc) | • It is proposed that the waste contractors would stop the garbage truck on the main loop road and collect the waste, prior to turning and exiting the site. |
| **Hygiene and amenity** | |
| Arrangements for cleaning of waste storage areas and equipment | • The building manager/caretaker will be responsible for cleaning and maintaining all bins. They will also be responsible for the regular cleaning of the bin rooms, which are provided with a tap and connection to the sewer, as required.<br><br>The garbage rooms are to be constructed to the following requirements:<br><br>• the floors shall be constructed of concrete at least 75mm thick or other impervious material, graded and drained to an approved connection to the sewer;<br>• the floors shall be finished to a smooth even surface coved at the intersection with walls and plinths;<br>• waste areas or bins shall be constructed to prevent the entry of vermin;<br>• an adequate supply of hot and cold water shall be provided to all waste areas;<br>• hose cocks shall be located and protected so they cannot be damaged and fitted with an adequate length of hose;<br>• there is adequate ventilation either natural or mechanical; and<br>• the waste areas shall be appropriately signposted e.g. for recycling bins. |
| **Ongoing Management** | |
| Proposed systems to ensure effective ongoing management of waste on-site | Building Management and an employed Waste Care Taker are responsible to ensure that the on site waste management is maintained. Signposting and regular maintenance will also promote the effectiveness of the waste management. |

## Waste Management – Demolition Phase

| Type of waste to be generated | Expected volume | Destination | | |
|---|---|---|---|---|
| | | Recycling and Reuse | | Disposal |
| Specify types of waste | Tonnes or cubic metres | On-site<br>Specify proposed reuse or on-site recycling methods | Off-site<br>Specify contractor and recycling outlet | Collection by who, where is waste to be disposed |
| **Excavation Material**<br>Sand | 1,116,098m3 | Fill on site for PAD Construction | N/A | N/A |
| **Green Waste** | 80m3 | Separated. Some chipped and stored on site for reuse in landscaping | Building Contractor<br>Tip Fast | Stumps and large trucks separated and to landfill company by waste contractor |
| **Bricks** | 90m3 | N/A | Concrete mortar bricks to crushing and recycling company<br>Building Contractor<br>Tip Fast | N/A |
| **Concrete** | 35m3 | N/A | Building Contractor<br>Tip Fast | N/A |
| **Timber**<br>Oregon<br>Pine | 5m3 | N/A | Building Contractor<br>Tip Fast | N/A |

| | | | | |
|---|---|---|---|---|
| **Plasterboard** | 10m3 | N/A | Building Contractor<br>Tip Fast | N/A |
| **Metals –**<br>Hotwater Pipes<br>Gutters<br>Lead | 15m3 | N/A | Metal Recyclers<br>Building Contractor<br>Sims Metals | N/A |
| **Others –**<br>Tiles<br>Door Fittings | 18m3 | N/A | N/A | Technical Works<br>Tip Fast |

## 1. Waste Management – Construction Phase

| **Type of waste to be generated** | **Expected volume** | **Destination** | | |
|---|---|---|---|---|
| **Specify types of waste** | **Tonnes or cubic metres** | **Recycling and Reuse** | | **Disposal** |
| | | **On-site**<br>**Specify proposed reuse or on-site recycling methods** | **Off-site**<br>**Specify contractor and recycling outlet** | **Collection by who, where is waste to be disposed** |
| **Excavation Material** | | Covered in Demolition Phase | - | - |
| **Green Waste**<br>(organic)<br>Tree/ Shrub | 4m3 | N/A | N/A | Technical Works<br>Tip Fast |
| **Bricks** | 0m3 | N/A | Building Contractor<br>Tip Fast | N/A |

| | | | | |
|---|---|---|---|---|
| Clay Bricks | | | | |
| **Timber**<br><br>Pinus Radiata | 6m3 | N/A | N/A | Technical Works<br>Tip Fast |
| **Concrete** | 7m3 | N/A | Building Contractor<br>Tip Fast | N/A |
| **Plasterboard**<br><br>Plasterboard Walls and plasterboard ceiling tiles | 8m3 | N/A | N/A | Technical Works<br>Tip Fast |
| **Metals** | 12m3 | N/A | Building Contractor<br>Sims Metals | N/A |
| **Tiles**<br>Ceramic | 7m3 | N/A | Building Contractor<br>Tip Fast | N/A |
| **Other**<br>(such as light fittings, kitchen/ bathroom fittings)<br><br>General Waste | 4m3 | N/A | N/A | Technical Works<br>Tip Fast |