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Project Name:

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| Project Name  Email: [xxxxxxx@xxxxxxxxx.com.au]  Website: [www.xxxxxxxx.com.au]  logo-placeholder  Contents  [Introduction 3](#_Toc120004474)  [Waste Minimisation Strategy 3](#_Toc120004475)  [Re-Use 3](#_Toc120004476)  [Recycle 3](#_Toc120004477)  [Residual Waste 4](#_Toc120004478)  [Chemicals 4](#_Toc120004479)  [Waste minimisation 4](#_Toc120004480)  [Industry Best Practice 4](#_Toc120004481)  [Induction Process 5](#_Toc120004482)  [Site Plan 6](#_Toc120004483)  [Description of the proposal for minimising waste on the project 7](#_Toc120004484)  [Site Rules 8](#_Toc120004485)  [Waste produced 9](#_Toc120004486)  [Identify materials to be re-used onsite 10](#_Toc120004487)  [Offsite Recycling (Specify Contractor & Recycling outlet Land Fill Disposal 11](#_Toc120004488)  [Design Plan 12](#_Toc120004489)  [Commercial waste service provision 13](#_Toc120004490)  [Impacts on public litter 13](#_Toc120004491)  [Fence Screening requirements 14](#_Toc120004492)  [Site Layout 15](#_Toc120004493) |
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# Introduction

\_This is a waste management built to compile with legislative and regulatory requirements to re-use, recycle and other strategies of waste minimisation for Mr Howard McGinniski’s home building lot by Simonds Homes Pty Ltd for the property lot 801 Pelican Way, Lara, VIC 3212

for corresponding NCC Class 1a in climate zone 6, a new suburban home with earthwool walls, roof as well as brick veneer and roof tiles. For short and longterm benefits and involved costs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Waste Minimisation Strategy

## Re-Use

\_\_The pallets to store and transport the bricks and roof tiles will be reused, the wood in the walls between the brick, insulation, and plaster, will be re-used, as will the insulation and plaster and brick. Wooden off-cuts can be recycled for nogging.\_The metal in the wires and broken electronics will be re-used at some point or by some particular country in need. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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## Recycle

\_\_Plaster can most 100% be recycled. Mis-sized purchases can be reclaimed for art pieces by local artists. The plastic and cardboard packaging for majority materials can be re-cycled. Anything going into the skip will be potentially recycled, and much recycled by us rather than a binning company. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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## Residual Waste

\_There’ll be broken bricks, and wooden shavings and plaster dust, and paint drippings, masking tape, and drop sheets, and electrical off-cuts, with their plastic sheaths, there’ll be mis-sized mechanisms. There’ll be rio off-cuts, and wire trimmings. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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## Chemicals

\_The bonder in the pipes for both irrigation of the garden and lawn as well as for the plumbing. \_The paint on the walls, ceiling and outside

\_The sealer on the wooden floor, and decking

\_The varnish on the tables and chairs and cabinets.

\_The wood dust in the air.\_

\_The plaster dust in the air.

\_The iron crystals in the gravel dust for temporary roads on the way in. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Waste minimisation

\_This is practically a re-use and re-cycling plan. To minimise waste, re-cyclable and re-used materials will be incorporated into outdoor shedding of make-shift sizes. Whether it be with mud-brick or not, there’ll be a re-use and re-cycling plan for small size equivalents. Whether it’s just for pieces of insulation stacked into a mud-brick shelter surrounding a bed, as opposed to sending it great distances off-site and spending money on gas and labour in multi-spot transportation in the broader re-use re-cycle industry, ie. re-use and re-cycle by majority in-house. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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## Industry Best Practice

\_\_The industry best practice involves using mud-brick homes because of the extremely low energy cost to produce, can be produced on-site and are fully reusable. Thus for external features around the property there’ll be mud-brick homes, shelters, shed’s and bunkers as chosen to re-cycle things in-house. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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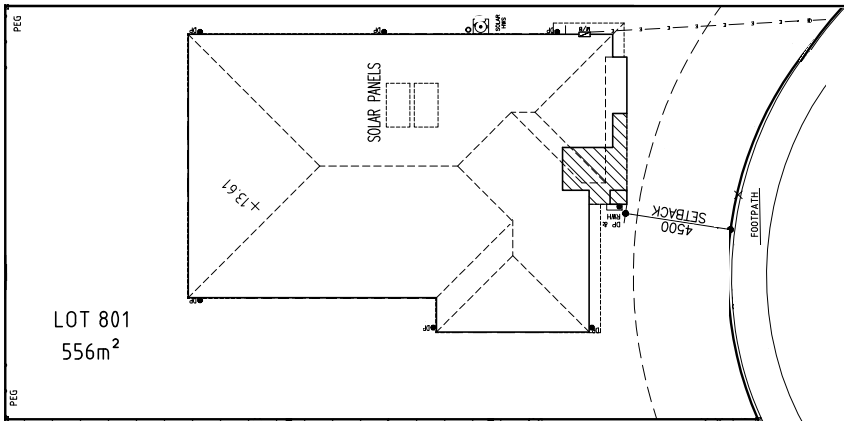
## Induction Process

\_First, the Minimisation Plan and Policy will be given to the employees to read. Then the employees will go through a process of question and answer to check how much of it they remember, so we know what they can intuit and what we might have to pick them up on for the future. When the time comes for them to start a process that they failed in the Q and A they’ll be reminded of the process that they must follow. And they’ll be individually communicated to in the email of these documents to persuade based on the individual for them to really commit to following the plan and policy.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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# Site Plan

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**Table

Description automatically generated**

# Description of the proposal for minimising waste on the project

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| **Description of the proposal for minimising waste on the project** |

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| waste minimisation for project 43324 will be achieved Through the use of building construction recycling centres.  List Of Items to be Recycled   1. ­­­­­­­­­­­­­­­­­­\_Plaster-board\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_Concrete\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3. \_Bricks\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. \_Mudbrick\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5. \_Cornice\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. \_Plastic packaging\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7. \_Wood packaging\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8. \_Cardboard packaging\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

# Site Rules

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| **Site rules** | **Clean site check list** | |
| Task | |
| **Site rule 1**- check council requirements and plan before you start on site. | Have all staff re-check this document before beginning the project.  Check council website and waste management consultants if need-be.  Order bins for site. |  |
| **Site rule 2**- stop erosion on the site and contain sediments. | Place roads at 1+mm/1m degree incline facing one way with a drain on that side.  Place rock rivers at low-points of surface, tilt surrounding ground to meet it.  Grow reeds and wildflowers for local flora and fauna. |  |
| **Site rule 3 –** protect stockpiles | Fence off worksite  Install CCTV with warning signs. Give CCTV physical protection and alarm system.  Tie-down with metal bracing all exposed materials. Or build a make-shift temporary-shed on-site. |  |
| **Site rule 4** – keep mud off road and on the site | Have high pressure water hoses,  and drive on grassy paths with shifting centres,  or place hay over mud by 9:1. |  |
| **Site rule 5 –** keep litter contained on site | Install temporary fencing with a locked entry-gate  Ensure there is a rubbish bin with a sign to find it, and the workers know where it is |  |
| **Site rule 6** – clean and wash up on site | Clean up waste into bin before each break and end of day  Wash away dust, dirt, and grime after build up or end of week  Have orange oil mechanics soap, rags, and toilet soap, and hand soap at break-point on site. |  |

# Waste produced

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| **Identify the possible types of waste produced** |

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| Item Number | Item | Description of waste and found in what process? |
|  | Concreting | Left over rock, cement, and rio off-cuts from before the pour, after pour, |
|  | Plumbing | Left over piping, pipe shavings, plastic-pipe-bonder, copper off-cuts and shavings. |
|  | Electrical | Left over wiring and wire-sheathing / insulation, optic fibre (internet), drillings (satellite, power-points, battery, solar, hot water.) |
|  | Timber walls and roofing | Timber off-cuts from noggings, shavings, insulation dust, dead nails/screws, broken tiles |
|  | Plastering | Plastering to size, large sizes re-use onsite, dust can be vacuumed. |
|  | Painting | Tape, drop-sheets, paint left-over for the day. Occasional drop here and there. |
|  | Roofing | Tiles screws, banisters and railings and triangle off-cuts + shavings. |
|  | Solar panel installation | Metal bracing to size of roof railings (offcuts + shavings). |
|  | Decking built | Left over concrete reuse, adjusting height of wood to depth of hole and height of fence, wood to size, left over varnish/paint to re-use |
|  | Footpath masonry | Using left over rock from what is dug onsite to build house, plus more of same type. |
|  | Setback cutaway | Place dirt in back yard for mudbrick shelters and mix-in for a garden. |
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# Identify materials to be re-used onsite

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| **Identify materials to be re-used onsite** |

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| Item Number | Item | Description |
|  | Timber off-cuts | Can be re-used when installing nogging or blocking behind fixtures. |
|  | Soil from setback cutaway | Used as mud-brick and garden-flattening soil. |
|  | Metal from off-cuts | Art project on-site, just screw in-place. |
|  | Drop-sheets | Bleach and tie die. |
|  | Dead-screws and nails | Melt-down on-site with induction into build-date and name plaque. |
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# Offsite Recycling (Specify Contractor & Recycling outlet Land Fill Disposal

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| **Generated Waste Materials** | **Method for Waste Minimisation** | | | |
| **Amount**  M2 and/or tonnes | **Waste reduction Technique**  e.g. Minimal Quantity orders  Reuse on / off-site | **Off-site Reuse?**  Name of Recycler?  Transfer site? | **Disposal**  Name of Contractor  Landfill site  Amount |
| Green Waste | tonnes | Convert to soil on-site by breaking up and pressurising. | On-site re-use | Us |
| Soil | tonnes | Place on a plastic tarp before tipping or tip in place to use all of it, or re-use left-over. | Keep wastage | Take back to business location |
| Waffle pods | M2 | Use waste oil so concrete doesn’t stick | Re-use on next project | Take back to business location |
| Concrete | tonne | Tip crushed rock in place, or place on tarp to use all. | Re-use on next project | Take to us |
| Timber | M2 | Use shavings to start fires, and noggings | Re-use on site | Keep with carpenter |
| Roofing Iron | M2 | Off-cuts for art projects | Gift to local artists | Take to Tarik Abdouabdillah |
| Metals | tonnes | Off-cuts for art projects | Gift to local artists | Take to Tarik Abdouabdillah |
| Bricks | tonnes | Broken bricks into crushed rock | Alex Fraser recycler. | small |
| Cardboard and Paper | M2 | Full recyclable – order bigger boxes | Public bin system | Large, routine |
| Plaster | M2 | Fully recyclable – make walls split to plasterboard size | https://www.regyp.com.au/waste/ | Small |
| PVC | M2 | Recycle as plastic, cut the bigger piece first | https://vinyl.org.au/pvc-waste | Small |
| Plastic Wrapping | tonnes | Convert to base materials with local fungus (save on transport) | Public bin system | Good to have on hand – water solution |
| Carpet / Underlay | M2 | Use in protective cover for producing top soil from green-waste | Nearby garden / nursery / green waste disposal | Nearby gardener / nursery |
| Pavers | tonnes | Use in art-projects | Gift to local artists | Take to Tarik Abdouabdillah |
| Tiles | M2 | Use in art-projects | Gift to local artists | Take to Tarik Abdouabdillah |

# Design Plan

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| **Design Plan** |

**Project Description**; ­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Material Type** | **Design Plan to Achieve Energy Ratings** |
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| Roof | Plaster |
| Roof Insulation | Aerogel space grade insulation |
| Walls | Plaster |
| Wall Insulation | Aerogel space grade insulation |
| Slab/ Footings | Insulate around outside or place on ground |
| Orientation | Face long-side toward the sun |
| Passive Heating And Cooling | Orientation for windows across floor to roof. Insulation. Solar water heater. Window openings at top of rooms with gaps on doors at bottom for maximal natural draft. |
| Thermal mass | Aerogel space grade insulation – also very lightweight |
| Shading | Shade over concrete in summer |
| Glazing | Double/triple glazed windows |
| Skylights | For rooms without windows |
| Solar Hot Water Service | One per bathroom |
| Rainwater Tank (min 2000 litres) | 2000 litres isn’t much if you have a fire |
| Rainwater Tank (above 2000 litres) | To keep it fresh always water the garden unless you foresee a need during summer. |
| Other:  Windows placed in all rooms to maximise light and ventilation all throughout dwelling, | |

# Commercial waste service provision

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| **Commercial waste service provision (attach detailed plan of storage area and access)** |

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| Waste Service | 140ltr Garbage | 240ltr Garbage | 240ltr Organics | 10M3 Skip Recycling |
| Proposed bin types | Plastic red | Plastic yellow | Plastic with holes | Steel |

# Impacts on public litter

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| **Impacts on public litter** |

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| 1. ­­­­­­­­­­­­­­­­­­­­­­­­\_\_Big CO2 and transportation fees to send recycling and waste over long distances 2. \_\_Public not able to use bins outside the fence, so things may end up being illegally dropped off, or just left laying around. 3. \_\_Dust in the air from moving soil, dirt, gravel and crushed rock, as well as plaster. \_\_\_\_\_ 4. \_\_Demolition is largest source of waste, so techniques that allow for reuse are important|

# Fence Screening requirements

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| **Fence Screening requirements** |

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| 1. \_\_\_Prevention of illegal dumping (waste in) and prevention of escape of material from the site (waste out) \_\_\_   And hoarding, preventing contaminants and dust from escaping the site to keep health of ecosystem and environment and neighbours.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

# Site Layout

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| **Site Layout** |

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|  | **Site Layout Plan** |
|  |
| Legend |
| Stock pile  Site fence  Stabilised Access point  Litter Bin  Dump Bin  Recycling Bins  Vegetation  Drains  Silt Fence  Wash up area  Gravel Sausage |

End Of Document