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**Description of works - Construction of new residential dwelling by Coral Homes at:**

**SITE ADDRESS:** 32 Hendy Avenue PANANIA 2213 (DP# DP26037)

**EXISTING STRUCTURE/S:** Vacant Land

**PROPOSED STRUCTURE/S:** New Residential (Class 1a/10) Dwelling

This Plan has been prepared in accordance with the LGA (Local Government Area) DCP (Development Control Plan) to outline the proposed method of managing and minimising waste where possible, generated on construction site during the course of the construction at the above address until the occupation of the legal owner where the occupation certificate has been obtained and completion of the building contract has been fulfilled.

Any existing structures and vegetation to be removed from site by the owner, prior to the commencement of construction.

SIGNATURE OF APPLICANT:



Date: 13 April 2023

### Objective

The operation of the construction of the new dwelling will generate a range of wastes. Where possible and practicable Coral Homes will endeavour;

- To minimise waste generation in the design and construction stage of the development.
- To encourage better site management and ordering of materials to ensure less waste is produced, and any waste produced is reused or recycled where possible.
- To monitor and review periodically through pre-site (estimating) and on site audit learnings.

### Waste Minimisation

- Wastes from Coral Homes operations have the potential to impact on the environment, it also impacts Coral Homes revenue, this potentially reduces the affordability of a new home to the consumer. The Waste Management Plan has been developed to manage the risks associated with the potential impacts including minimising waste generation.
- Coral Homes will implement all possible waste minimisation procedures and therefore reduce the amount of waste to be removed from sites. Management, staff, design teams, contractors and suppliers will all be encouraged to look at ways to minimise the amount of waste generated at the work sites.

Where possible and reasonably practicable Coral Homes will consider the Waste Minimisation Hierarchy as referenced in the Waste Avoidance and Resource Recovery Act 2001, as a comprehensive basis for reducing waste by following the waste hierarchy

- Avoid;
- Re use;
- Recycle;
- Landfill;

Other categories need to be dealt within legislative requirements such as

- Sanitary;
- Contaminated / Hazardous Wastes

### Avoid

The design stage is a crucial stage for waste avoidance, monitoring and reviewing estimation recipes in conjunction with reviewing surplus materials audits, consultation with construction staff and other stakeholders. Due to some construction materials that are deliverable with a minimum quantity or industry standard length therefore there is an element of unavoidable surplus.

### Re-use

Where possible and reasonably practicable, if surplus materials can be used in future operations they are classified as materials which can be re-used, i.e. timber, bricks, steel). Materials that can be reused in their present form are surplus to requirements and need to be removed from site will be reused. The surplus products may be collected by the supplier for a credit or reused on another project.

### Recycling

Where possible and reasonably practicable, if surplus materials cannot be reused in their present form but could be used in a different form, they will be sent to recycling

### Landfill

If the above options cannot be satisfied, then the only alternative left is to send the surplus materials to landfill. These usually consist of materials that is not economically nor environmentally viable to recycle or are measured to size prior to delivery to reduce trimming waste.

### Sanitary

All sanitary products will be contained within receptacles supplied by a contractor. The contractor will also be responsible for disposal of these wastes.

### Contaminated / Hazardous Wastes

While all reasonable efforts are made to risk assess sites and identify contaminated / hazardous prior to starting construction project, the occasional instance of illegal dumping by other parties or unearthing contaminated / hazardous materials discovered. Arrangements will be made for the engagement of appropriately qualified specialist contractor in hazardous materials handling. The contractor will also be responsible for disposal of these wastes that is within legislative requirements.

Notice to staff will be given immediately if hazardous materials or conditions are found onsite that are in unprotected environments including the following:

- Asbestos or material containing asbestos;
- Flammable or explosive liquids or gases;
- Toxic or contaminated materials;
- Radiation or radioactive materials;
- Noxious or explosive chemicals;
- Unexploded ordinances (UXO)
- Tanks or other contaminated substances

# WASTE MANAGEMENT PLAN

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## Site waste management during construction:

Table 1 provides an overview of the potential wastes, their classification and avenues of disposal.

MATERIALS	PROCESS	EST. VOLUME	ON SITE PREPARATION	OFF SITE PREPARATION	END USE
<b>Bricks</b>					
Whole bricks	Re-use	<1m3	Cleaned / Stored	Stored, re-sold, re-allocated	Used for next project/ spares
Broken, offcuts	Recycle	<3m3	Stockpiled	Crushed and resold	Driveways
<b>Carpet</b>					
Large sized off cuts	Re-use	<1m3	Cleaned / Stored	N/A	Patches, door mats
Trimmed waste	Dispose	<1m3	N/A	Landfill	Landfill
<b>Concrete</b>					
Reclaimed	Recycle	<1m3	Crushed	Crushed and resold	Fill, levelling, road base
Surplus pour	Recycle	<1m3	Use/return surplus	Supplier to recycle	Pavers, slabs
<b>Containers/Drums</b>					
Plastic/steel	Dispose	<1m3	N/A	Landfill	Landfill
<b>Fittings &amp; Fixtures</b>					
Doors, windows	Re-use	<1m3	Cleaned	Stored, re-sold, re-allocated	Used for next project/ spares
Hardware	Re-use	<1m3	Cleaned	Stored, re-sold, re-allocated	Used for next project/ spares
<b>Glass (unbroken)*</b>					
All	Dispose	<1m3	N/A	Landfill	Landfill
<b>Green Waste</b>					
Grass & soil	Recycle	<10m3	Stockpiled	N/A	Compost, mulch, fertiliser
<b>Metals</b>					
Aluminium, copper, lead, zinc, steel	Recycle	<1m3	Sorted	Recycled	Other steel products
<b>Packaging</b>					
Cardboard/ plastic / styrene	Dispose	<1m3	N/A	Landfill	Landfill
<b>Paint</b>					
Empty paint tins	Dispose	<1m3	N/A	Landfill	Landfill
Paint	Re-use	<1m3	Stored	N/A	Touch up maintenance
<b>Plasterboard (clean)</b>					

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MATERIALS	PROCESS	EST. VOLUME	ON SITE PREPARATION	OFF SITE PREPARATION	END USE
Whole sheets (undamaged)	Re-use	<1m3	Stored/ cleaned	Stored, re-used	Used for next project
Offcuts and damaged sheets	Recycle	<3m3	Reprocessed	Supplier to recycle	New plasterboard
Roof Tiles					
Cleaned	Re-use	<1m3	Stored	Stored, re-used	Used for next project/ spares
Broken	Recycle	<1m3	Crushed	Crushed and resold	Landscaping, driveways, drains
VENM					
Clay, gravel, sand, soil or rock fines	Re-use	<15m3	Screened	Re-used	Clean Fill
Timber					
Natural, Treated & processed	Re-use	<2m3	De-nailed	Re-used	Used for next project
Off cuts and limited quantity	Dispose	<1m3	N/A	Landfill	Landfill
Polystyrene waffle pods					
Whole pods	Re-use	<3m3	Cleaned	Stored, re-used	Used for next project
Broken	Recycle	<3m3	Collected and bagged	Supplier to recycle	recycled to new pods
Ceramic Tiles					
Full tiles	Re-use	<1m3	Cleaned	Returned to the supplier	Spare, maintenance or returned
Broken	Dispose	<1m3	N/A	Landfill	Landfill
Rock					
From excavation	Dispose	<5m3	N/A	Landfill	Landfill
Insulation					
Glass batts - whole packs	Re-use	<1m3	Stored	Stored, re-used	Used for next project
Foil wrap substantial roll	Re-use	<1m3	Stored	Stored, re-used	Used for next project
Glass batts - offcuts	Dispose	<1m3	N/A	Landfill	Landfill
Foil wrap - offcuts	Dispose	<1m3	N/A	Landfill	Landfill
Hebel					
Full sheets	Re-use	<1m3	Stored	Stored, re-used	Used for next project
Off cuts	Dispose	<1m3	N/A	Landfill	Landfill
Masonry sheeting/cladding					
Full sheets/lengths	Re-use	<1m3	Cleaned	Stored, re-used	Used for next project
Off cuts	Dispose	<1m3	N/A	Landfill	Landfill

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*\*\*Details below are correct at the time of this document was prepared, however trades and suppliers will change from time to time.*

Area	Contractor for Site Excavation	Contractor for Site Clean	Options for recycling (determined by the contractor)	supplier / manufacturer of plasterboard
<b>Sydney</b>	<p>M.SMITH &amp; SON EARTHMOVING PTY LTD Po Box 3630, Rouse Hill NSW 2155 Ph: 02 9627 1777</p> <p>Jeffrey Michael Homes Pty Ltd PO Box 3021, Wallacia NSW 2745 Ph: 0408 274 685</p>	<p>BRAILEY GROUP AUSTRALIA PTY LTD PO BOX 185, Cobbity NSW 2570 Ph: 0435 665 088</p>	<p>WSN Environmental Solutions Auburn, Belrose, Chullora, Eastern Creek, Jacks gully Ph: 1300 651 116</p> <p>Sydney Recycling Centres Botany, Belrose, Moorebank Ph: (02) 9316 6333</p> <p>Brandown recyclers Kemps Creek Ph: (02) 9826 1256</p>	<p>Knauf Gypsum Pty Ltd Private Bag 5285, Virginia QLD 4014 Ph: 0401 896 425</p>
<b>Newcastle Central Coast</b>	<p>Barry Sinclair 972 Leggetts Drive, Mount Vincent, NSW Ph: 0400 920 228</p>	<p>Clean Valley 10 Old Maitland Road Sandgate NSW 2304 (02) 4964 8942</p>	<p><b>General Waste Sites:</b> Buladelah – Pacific Highway Dungog – Short Street East Maitland – Mt Vincent Road Gloucester Kincumber – Cullens Road, Kincumber Lake Macquarie – Wilton Street, Awaba Newcastle – Summerhill Port Stephens – Soldiers Point Road Raymond Terrace – Newline Road Stroud – Simsville Road Tea Gardens – Wanya Road Woy Woy – Nagari Road, Woy Woy Wyong – Hue Hue Road, Buttonderry</p> <p><b>Recycling – Hardfill (bricks, concrete, tiles)</b> AMS – Hue Hue Road, Buttonderry Boral – Koorangang Island Concrush – Teralba</p>	<p>Knauf Gypsum Pty Ltd Private Bag 5285, Virginia QLD 4014 Ph: 0401 896 425</p>

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			CBS – Donaldson Road, North Wyong Rexdor – Kerns Road, Kincumber	
<b>Port Macquarie</b>	S.Karbowiak 180 Hewens Road Brombin NSW Ph: 0409 021 963  DAVID ARNDELL EXCAVATIONS PTY LTD 33 Francis Conn Place, Fredrickton NSW 2440 Ph: 0418 496 543	CHRISTOPHER BUTT T/AS MAVRICK EXCAVATIONS & PLANT HIRE 191 Longpoint Drive, Lake Cathie NSW 2445 Ph: 0423 092 090	<b>General Waste Sites:</b> Cairncross Landfill - 8395 Pacific Hwy, Telegraph Point  <b>Recycling – Hardfill (bricks, concrete, tiles)</b> Bridle Recycling Lake Rd, Port Macquarie	Knauf Gypsum Pty Ltd Private Bag 5285, Virginia QLD 4014 Ph: 0401 896 425
<b>Coffs Harbour Grafton</b>	Stocks Earthmoving 23 Symons Avenue, Boambee, NSW 2450 Ph: 0438 780165	MW Earthmoving 28 Shipmans Road, Glenreaghph: Ph: 0417 477 534  Ray's Bobcat Earthmoving 20 Candole Street, Tucabia NSW 2462 Ph: 0439 315 970	<b>General Waste Sites:</b> Lowanna Waster Transfer Facility - Lowanna Road, Lowanna Grafton Regional Landfill - 704 Armidale Rd, Elland NSW 2460  <b>Recycling – Hardfill (bricks, concrete, tiles)</b> Coffs Coast Resource Recovery Park - England's Road, Coffs Harbour Grafton Waste Transfer and Recycling Facility- 263 Duke St, Grafton NSW 2460	Knauf Gypsum Pty Ltd Private Bag 5285, Virginia QLD 4014 Ph: 0401 896 425
<b>Tweed Ballina Lismore Byron Yamba</b>	Woodeson Excavation 254 Mount Nathan Rd, Nerang, QLD Ph: 0413 155 355  Conlan Bros 312 Wyrallah Road, East Lismore, NSW	<b>Tweed to Byron:</b> Altimate Earthworks Pty Ltd 559 Stokers Road, Dunbible NSW 2489 Ph: 0435 023 594  <b>Byron to Evans Head</b>	<b>General Waste Sites:</b> Stotts Creek Resource Recovery Centre - Leddays Creek Road, Stotts Creek, Off Tweed Valley Way. Lismore Recycling & Recovery Centre 313 Wyrallah Road, East Lismore Ballina Waste Management Centre - 167 Southern Cross Drive, Ballina (in Ballina's Industrial Estate) Byron Resource Recovery - 115 Manse Rd,	Knauf Gypsum Pty Ltd Private Bag 5285, Virginia QLD 4014 Ph: 0401 896 425

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	<p>Ph: 0438 537 120</p> <p>Stocks Earthmoving 23 Symons Avenue, Boambee, NSW 2450 Ph: 0438 780165</p>	<p><b>including Casino and Kyogle:</b> Northcoast Recycling T/A Ben's Bobcat 19-21 Northcott Crescent, Alstonville NSW 2477 Ph: 0414 286 840</p> <p><b>Evans Head to Grafton:</b> Ray's Bobcat Earthmoving 20 Candole Street, Tucabia NSW 2462 Ph: 0439 315 970</p>	<p>Myocum Grafton Regional Landfill - 704 Armidale Rd, Elland NSW 2460</p> <p><b>Recycling – Hardfill (bricks, concrete, tiles)</b> Stotts Creek Resource Recovery Centre - Leddays Creek Road, Stotts Creek, Off Tweed Valley Way. Ballina Waste Management Centre - 167 Southern Cross Drive, Ballina (in Ballina's Industrial Estate) Byron Resource Recovery - 115 Manse Rd, Myocum Lismore Recycling &amp; Recovery Centre 313 Wyrallah Road, East Lismore Northcoast Recycling Grafton Waste Transfer and Recycling Facility- 263 Duke St, Grafton NSW 2460</p>	
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