# Everleigh

Residential Design Standards and Guidelines Precinct 1.5B "Greenway Release"

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# Residential Design Standards and Guidelines

These standards and guidelines have been prepared to assist Everleigh purchasers (and their builders/designers) to construct well designed, quality homes and to join Mirvac in creating great places for life.







Great design creates a welcoming and attractive streetscape. This not only improves your quality of life but establishes Everleigh as a great place to live and a place in which you will be proud to be a part of.

# Street Appeal

These standards and guidelines will assist in making your home part of an attractive streetscape. This is achieved by using the right materials and colours and including some cost effective design elements to the front façade.

# Fencing

Fences which are visible from the street are an important part of the streetscape. So at Everleigh we ask that these are of a higher standard and quality but for most lots this is only a short length and the balance of the fencing can be the neighbour type fence.

# Landscaping

A great way to make your home unique is through landscaping. We ask that you include landscaping that will grow into an attractive low maintenance front yard that complements the parks and bushland that are a great part of Everleigh. This document provides design standards to ensure that cohesive and attractive landscaping is established.

# How the Residential Design Standards and Guidelines Work

# The Everleigh Residential Design Standards and Guidelines (Design Standards & Guidelines) sets out:

- Standards which are mandatory compliance elements; and
- **Guidelines** which are non-mandatory elements that provide further information and suggestions to improve design and quality of life.

The Design Standards and Guidelines are technical in nature and it is recommended that you speak to your builder or an Everleigh sales team representative who will be able to guide you through this process.

# The Design Standards and Guidelines consists of three parts as follows:



# AUTHORITY REQUIREMENTS

# Design and Siting Standards

Directs customers to the Approved Plan of Development – Envelope Plan and Design Criteria documents which include the **mandatory design standards for siting your home** to the specific characteristics of your lot. These documents are available in Annexure A and B.



# MIRVAC REQUIREMENTS

# Architectural and Landscape Standards

Provides the **mandatory architectural and landscape design standards** to include in all homes in Everleigh which are essential to making Everleigh a place in which you will be proud to live.



# GOOD PRACTICE

# Sustainable Living Guidelines

Provides **suggestions** to introduce some easy ways to potentially reduce your future ongoing costs and the impact on the environment.

Alternative design solutions may be presented to the Everleigh Design Committee and will be assessed on individual architectural merit. The Design Committee at its absolute discretion may approve alternative design solutions where it is considered that they achieve the overall intent and desired outcomes of the Design Standards & Guidelines.

# Building (a) Everleigh Portal

We understand that keeping track of all this information can be a challenge and have established a web portal to assist.

The **Building @ Everleigh Portal** is a one stop shop for information relating to your lot, including but not limited to the following:

- Residential Design Standards & Guidelines
- Fact Sheets and Manuals
- Approved Plan of Development Envelope Plan
- Approved Plan of Development Design Criteria
- Survey Plans
- Disclosure Plans
- Civil Design Drawings
- Services Location Plan
- As Constructed Drawings
- Compaction Reports
- Acoustic Report
- Bushfire Management Plans

The information available in the **Building @ Everleigh Portal** will help you and your builder make informed decisions regarding the design of your home.

The **Building @ Everleigh Portal** is accessible via the Everleigh website or speak to an Everleigh sales representative.

# The Approval Process

You will need both the Design Approval from the Everleigh Design Committee (Design Committee) and Building Approval from Logan City Council (Council)/ building certifier before you can commence construction.



# YOUR STEPS

Design

Your builder will work with

you to design your home to

comply with this document.

happy with your design and

consolidated set of plans.

OUR STE

Proceed to Step 2 once you're

your builder has drawn up the



attaches all the required documentation listed in the



Please ensure that your builder Covenant Application Form as part of the submission.

Be sure to include the proof of bond payment as part of your covenant application to avoid a delay in the assessment and approval process. The bond will be returned after the final inspection (refer Step 9).

# **Submission**

Your builder submits your house plans, colour schedules, landscape plans and proof of covenant payment (refer to Step 3) to the Design Committee via the Building @ Everleigh Portal.

# Covenant **Bond Payment**

Your fully refundable **Covenant Bond** is required to be deposited to the following account to be held in trust.

HWL Ebsworth Lawyers Law Practice Trust Account BSB: 034-003 Acc Number: 246634 Description: "Surname & Lot Number" - Covenant Bond Amount: \$1000

# Assessment

The Design Committee will assess your submission for compliance with the Design Standards & Guidelines. During this process we will work with you and your builder if anything needs amendment. In some cases, plans may need to be resubmitted. This process normally takes 2 weeks if all information is provided.

# Building Approval

Once Design Committee approval has been issued, your builder can then make an application to your accredited building certifier/ Council for the **statutory Building Approval.** 

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# Design Approval The Design Committee will

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issue an approval when your submission has been assessed as complying with the Design Standards & Guidelines. Your stamped approved plans will be provided to you and your builder via the Building @ Everleigh Portal.

> HOT TIP!

Please take care to note any comments on your Everleigh Design Committee stamped approved plans to ensure that all conditions of the Design Committee approval are addressed.

# Construction

Please ensure that your lot is properly maintained to be free of excessive weeds, rubbish or garbage prior to and during the construction phase of your home. This will ensure that the land is safe at all times.

# Call for Inspection

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Once your house and landscaping is complete, please touch base with us via the **Building @ Everleigh Portal** to **organise your final inspection.** 

9

STEP

# Inspection & Refund

The covenant bond will then be refunded once **final compliance approval** is issued by the Design Committee and the **return bond form** is completed on the **Building @ Everleigh Portal**.



# Design & Siting Standards

# Approved Plan of Development — Envelope Plan and Design Criteria

We recommend that you speak with your builder or an Everleigh Sales Team representative who will be able to guide you through the Approved Plan of Development – Envelope Plan and the Approved Plan of Development – Design Criteria (PoD documents) and how these relate to your specific lot.

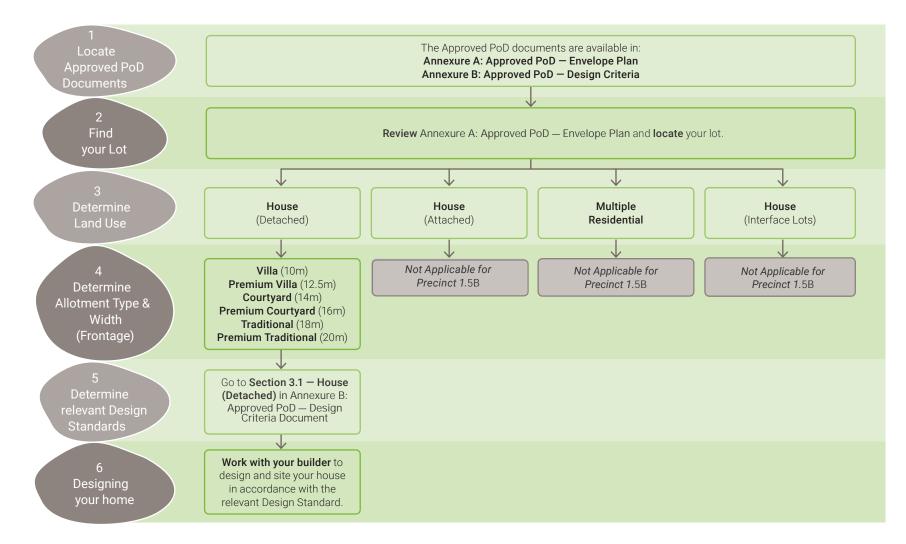
The Approved PoD documents are available in Annexure A and B.

The Design and Siting Standards (Part 1) which includes the approved PoD documents should also be read with the Architectural and Landscape Design Standards (Part 2).

Where compliance with any particular design standard in Part 2 results in non-compliance with Part 1, then the design standard for Part 1 takes precedence. In all other instances, the design standards in Part 2 take precedence.

Provided overleaf is a simple flow chart with instructions on how to navigate the PoD documents should you wish to review and understand these provisions yourself.



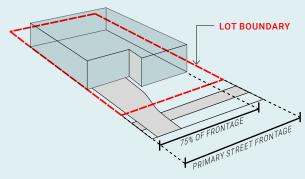




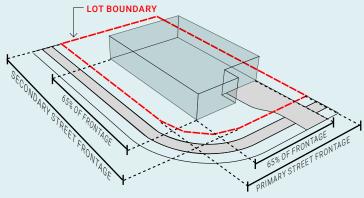
# Architectural and Landscape Design Standards

# MINIMUM BUILDING SIZE

• For lots with only one street frontage, the minimum width of your home is 75% of the primary street frontage width, measured to the outside of walls.



• For corner lots the minimum width and length is 65% of the respective frontage.



# ROOFS

- 40 degrees is the maximum pitch for traditional hip and gable roofs.
- Skillion roofs should be proportional to the main body of the home and roof pitches should generally be between 7.5 – 15 degrees.



- All single storey houses are to have a minimum of 450mm eaves to all publicly visible façades.
- All double storey houses are to have a minimum of 450mm eaves to all publicly visible façades on ground level, and a minimum of 450mm eaves must be provided to all elevations on the upper storey. Variations on this (e.g. inclusion of a parapet) may be approved on merit if it achieves a positive addition to the façade of your home.
- Your roof materials are limited to:
  - Corrugated pre-finished metal sheets (e.g. Colorbond).
  - Roof Tiles.
  - Your roof colour must be of a muted / earthy tone (refer to colour palette below for guidance). Harsh colours such as blue, red and black are not permitted.

# Colorbond references:



Pale Eucalypt Monument

For more information, please visit the Building @ Everleigh Portal.

# **FAÇADE DESIGN**

# Primary Street Façade Design

- The residential character of your home must be of a **contemporary, coastal** architectural design. It should reflect the characteristics of Everleigh, embracing the open spaces, with sympathetic colour tones and material palette. No federation or colonial design elements should be included in the design.
- The façade must have variation in the elevation with **at least one substantial projecting feature element** such as a portico, verandah or feature wall.
- Any entrance portico must be proportional to the façade of the building and is to be a minimum of 4m<sup>2</sup> (including eave overhangs) and 1.5m deep.
- At least 1 habitable room must address the primary street frontage.
- Ground floor ceiling height must be minimum 2550mm

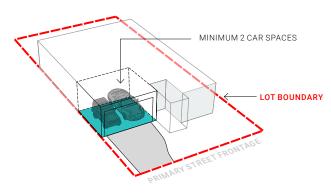
- Similar homes with similar façades are not allowed on adjoining lots.
- Obscure windows or windows to toilets and bathrooms should not front the primary street, unless aesthetically screened.
- Walls over 9m in length without windows or articulation are not permitted.
- No garden sheds, air conditioning condensers or clothes lines, etc. can be located between the primary street façade and boundary.

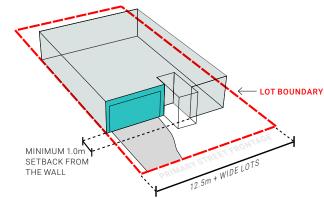
# Front Entry Door

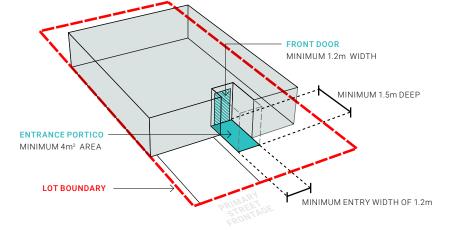
- Your home's front door must be well defined and/or visible from the primary street.
- The entry door must be 1200mm wide at a minimum with 20% glazing (no side lights)

# Garages

- Minimum two car (side by side) internal garage must be provided for lots with frontages of 12.5m or greater.
- Garages must be integrated into the main building and are to be setback 1m behind the front wall of the main building.







# For more information, please visit the Building @ Everleigh Portal.

# Secondary Street Façade Design

- If your home is on a corner lot, it must be designed to address all streets.
- It must have variation in the secondary street façade with at least one substantial projecting feature element such as a portico, verandah or feature wall.
- Walls over 9m in length without windows or articulation are not permitted.
- At least 1 habitable room should address the secondary street frontage.
- No garden sheds, air conditioning condensers or clothes lines, etc. can be located between the secondary street façade and boundary unless they are screened from view from a Public Area by approved screens or fences.

# Glazing to Public Areas

- All façades (excluding the garage door) are to include glazing for a minimum 10% of the façade area to provide surveillance, interest and variation.
- Sliding windows under 1200mm width are not permitted.
- Reflective glass is not permitted.
- Temporary window treatments or vertical blinds are not permitted.

# **LETTER BOXES**

- The letter box must be complementary to the aesthetics of the primary building and be constructed using materials such as stone, rendered masonry or similar.
- The letter box must be installed prior to the occupation of the main building.

# EXTERNAL WALL MATERIALS AND COLOURS

- To give a sense of variety and interest, a mix of materials or colours must be used to all walls of your home facing a street or park frontage.
- A mix of 3 variations of colour and material (excluding window, doors or garage doors) must be incorporated to all public and open space facades.
- Colour and/or material change should comprise a minimum 10% of façade wall area.

# External Wall Materials

- Face brickwork or split-face block work is not permitted on primary street, secondary street or public open space façades.
- Full render to brickwork and/or feature cladding to all publicly visible facades.
- Finishes to the Primary Street and or Secondary Street Facade must return back around the other walls and extend back 1m or wherever the side fence meets the house, whichever is the greater.
- Double or 1.5 height face brick is not permitted anywhere.
- Second hand materials are not permitted unless they are used as highlight architectural elements.

# External Wall Colours

- Your colour scheme must be primarily muted tones, but limited and controlled feature highlight colours may be approved.
- Each application is to be accompanied by an External Colour Schedule clearly nominating the location and extent of colours and materials.

# **DRIVEWAYS & ENTRY PATHS**

- Acceptable materials for your driveway include coloured concrete, exposed aggregate concrete and pavers on a concrete base slab. Stencil or painted finish are also accepted. These must compliment the external colour scheme of your home.
- The main pedestrian entry path to your home must be from the primary street frontage and must be constructed from a permanent hard surface such as coloured concrete, exposed aggregate, natural stone or concrete pavers on a concrete base. Pebble or decorative gravel are not permitted as materials for the main entry path to your home.
- Side paths must be constructed from similar materials to the main entry path or decorative gravel on compacted road base. Material selection must reflect and integrate with the surrounding landscape.
- It is important that you ensure your builder complies with Council's approval requirements for your driveway as Council may require you to remove it and reconstruct it if it is not constructed correctly.

# PRIVACY AND CROSS VIEWING

Privacy between your home and your neighbours' homes is to be achieved by one or more of the following measures:

- · Obscure glazing to all bathrooms and toilets.
- 1.7m high sill levels above floor level.
- · External screens.
- 1.8m high dividing fence for ground floor windows.
- Where a direct view from a verandah or deck exists into the Private Open Space of an adjoining home, the outlook must be screened by privacy screens that have openings that make it not more than 25% transparent.

# SECURITY AND INSECT SCREENS

- The style of any screen visible from a Public Area must be of a simple profile. Hexagonal, diamond grill or ornate historical styles are not permitted.
- Frames and screens must match the colour of the door or window frames or be dark grey or black in order to reduce their visual impact.
- Security shutters or security blinds over windows are not permitted if visible from a Public Area.

# EXTERNAL SERVICES AND WASTE RECYCLING

- If you have a rainwater tank it must be located away from or screened from view from all Public Areas.
- · Meter boxes must be painted to match the wall colour.
- TV aerials are to be installed inside the roof cavity or designed and located so that they are not visible from Public Areas
- Radio masts or satellite dishes are to be designed and located so that they are not visible from Public Areas.
- Storage tanks for solar hot water systems, roof and wall mounted air conditioning units, clothes drying facilities and service yards are not to be visible from Public Areas.
- Garbage bin pads are mandatory and are to be located so that they are not visible from Public Areas.

# **CONSTRUCTION OBLIGATIONS**

- · Your building site must be clean and safe at all times.
- Your builder must provide a skip bin or enclosure on site to contain rubbish for the duration of the construction period.
- Bins and site facilities must be clear of all neighbouring properties, roads, footpaths, reserves and all other Public Areas at all times.

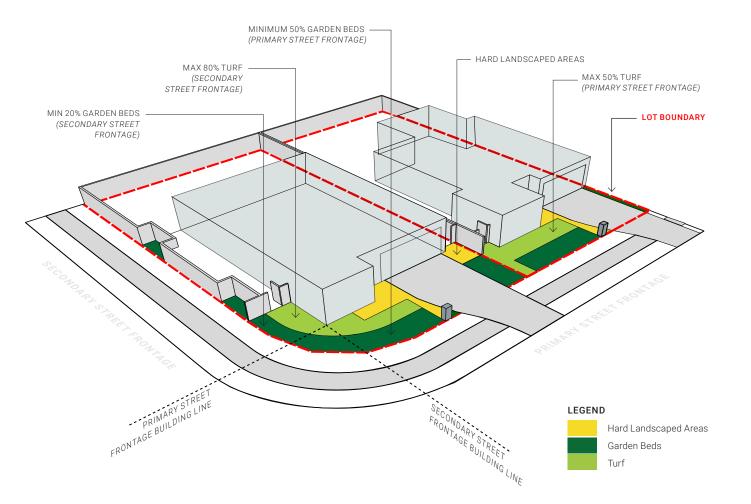
# **DEVELOPER WORKS**

- Where the Developer has constructed a fence, entry statement or retaining wall, it is to be maintained by the owner to the standard to which it was constructed.
- The road and verge in front of your lot including the concrete footpath and services such as water meters, telecommunication boxes, **street trees**, stormwater drains, manholes, and electrical pillars are assets owned by Council or service authorities. They have been constructed to the required standards and Council and other service authorities have recorded them as correctly constructed prior to your house building commencing.
- These assets cannot be altered, including changing the ground levels, without the correct approval from Council.
   Mirvac inspects these assets at completion of your home to ensure no damage. Any damage caused during construction of a dwelling to any estate infrastructure (e.g. kerbs, grassed verges, street trees, bollards, etc.) is to be repaired by the owner to the standard to which it was constructed.



# LANDSCAPING

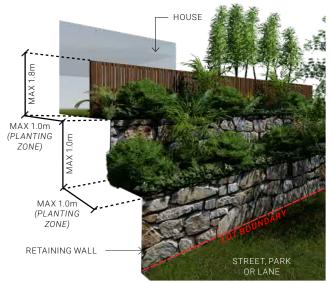
- The landscaping to areas of your lot visible from Public Areas must be approved by the Design Committee.
- The planting theme to be adopted is generally of a native character. All trees, shrubs, and ground covers must be selected for their appropriateness according to their proposed situation.
- 50% garden bed coverage with appropriate planting density must be provided to the available soft landscaping area forward of the building line on the primary street frontage and 20% of the available soft landscaping area forward of the building line on the secondary street frontage (if applicable), with high quality turf installed to the remainder of soft landscaping areas.
- Generally, a 50/50 ratio of shrubs to ground covers will establish suitable variety and form.
- A minimum of two advanced trees (minimum size of 100L and 1.8m tall established at time of planting) must be provided to the landscape areas between your house and the verge.
- Gardens are to be edged with concrete, galvanized steel or masonry. No forms of timber, logs or plastic will be accepted.
- Garden edges with a height exceeding 200mm are considered to be a retaining wall, therefore must be constructed according to the design requirements of a retaining wall.



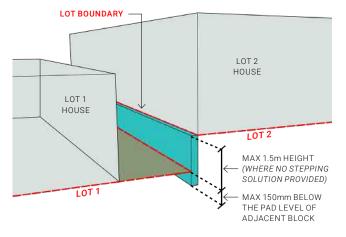


# **Retaining Walls**

- A retaining wall is defined as any retaining structure higher than 200mm.
- All retaining walls must be constructed as part of the construction of your home.
- Retaining walls must be tiered 1m vertical and 1m horizontal where forward of the building line to any street, park or lane and visible from Public Areas and must be constructed to match the developer's specification or materials such as stone, masonry, steel or quality hardwood timber. The horizontal section is to comprise a planting zone to soften the visual impact of the retaining wall.



• For sloping lots and where a built to boundary wall is permitted, this wall must be projected to at least 150mm below the likely pad level of the adjacent block. The pad level can be assumed to be the average of the four corners of the adjacent block using the As Built levels. The build down of the build to boundary wall must be in a material consistent with the visible section of the wall immediately above it.



- Retaining wall construction must include a suitable drainage system to deliver sub-surface water below the wall to the local storm water system.
- Retaining walls may need to be certified by a Registered Professional Engineer. You are required to meet the Local Authorities requirements with regard to this matter.
- Please refer to the Retaining Wall Fact Sheet and WRB Retaining Wall Warranty in Annexure E for further detail.

# Sheds

- Must be located behind the front building line and screened from view from a Public Area.
- Must be painted or stained to suit the colour scheme of the home. Reflective materials are not permitted.
- Must be less than 12m<sup>2</sup>.
- Must be less than 2.1m in height.

# **FENCES GENERAL**

- All fences to your lot must be approved by the Design Committee.
- Only fence types shown in Annexure C are allowed. No other materials such as bamboo or colorbond are allowed.
- Fences constructed by Mirvac on any lots cannot be removed or altered without written permission from Mirvac. Any damage to these fences must be repaired to the original standard by the land owner(s).
- Fences visible from Public Areas must be maintained on an ongoing basis including recoating with timber treatment if detailed as part of the fence type.
- All lots are required to have side & back fences.
- Fences are not permitted along primary road frontages forward of the building line.

# Fencing facing the Primary Street

- Must be Feature Fence Type A or B.
- Maximum 1.8m in height.
- Must be located a minimum of 1m behind the adjoining front façade wall.

# Fencing facing the Secondary Street or Pedestrian Links

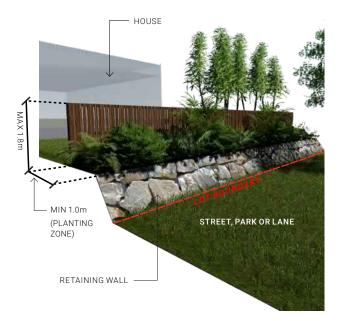
- Must be Feature Fence Type A or B.
- Maximum 1.8m in height.
- Must not extend past the façade line of the other street frontage.
- Fences more than 10m in length must be articulated further from the boundary, to allow for planting alcoves, by a minimum 1m alignment variation over a minimum length of 3m.
- Appropriate landscaping must be included within the planting alcoves.

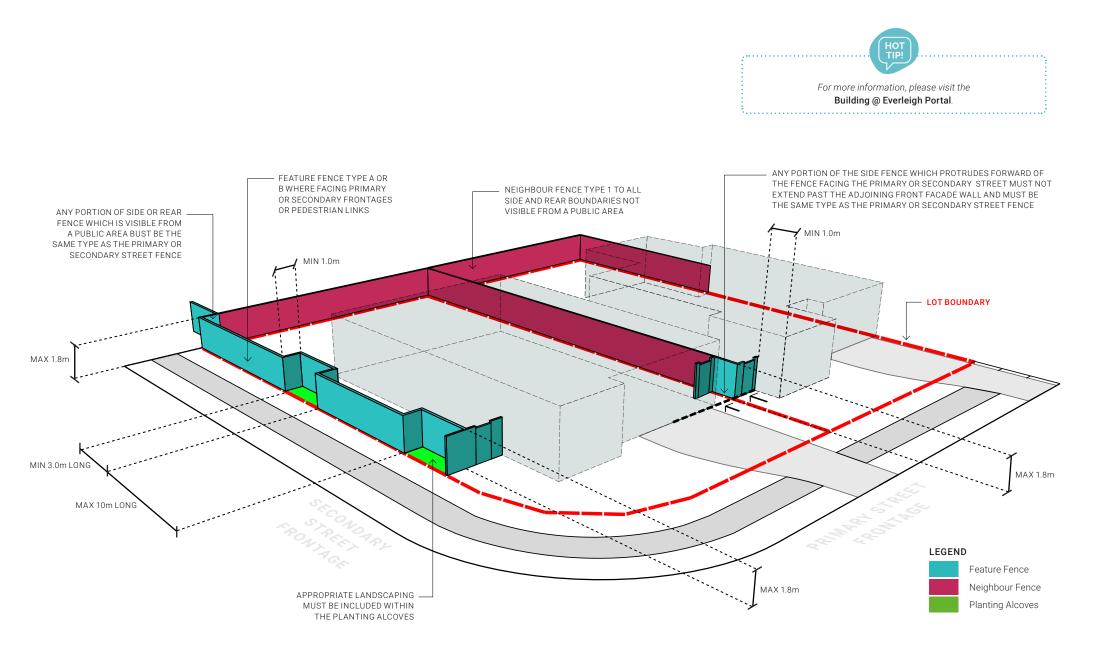
# Fencing to Side and Rear Boundaries Not on a Public Open Space Boundary

- Must be a Neighbour Fence Type 1 (except as detailed below).
- Maximum 1.8m in height.
- · Must not be visible from Public Areas.
- The portion of the side or rear fence which protrudes forward of the fence facing the Primary or secondary street must not extend past the adjoining front façade wall and must be the same type as the Primary or secondary street fence.

# Fencing to Public Open Space Boundaries

- Must be Feature Fence Type A or B.
- Maximum 1.8m in height.
- Where fencing is required to the top of retaining walls on a street or public open space boundary and where the combined height will be greater than 1.8m then the fence must be tiered / setback 1m from the back of the retaining wall to allow for planting in front of the fence to soften the visual impact.







# Sustainable Living Guidelines

Mirvac considers sustainability and innovation to be key components in delivering cohesive communities that are safe, encourage healthy and active lifestyles and result in lower household expenses.

# **Objectives**

- To set a new benchmark for high-quality sustainable living, and encourage the incorporation of best practice sustainable initiatives
- To provide and encourage opportunities for residents to reduce their environmental impact
- To provide and encourage opportunities for residents to reduce household expenses during operation

# Energy Consumption and Greenhouse gas-emission reduction

- Mirvac encourages all homes to achieve a 7 Star NatHERS rating. This may be achieved through incorporation of the following elements where necessary —
  - Maximising opportunities for cross ventilation and provide high level operable windows in multi-level homes to allow for heat removal
  - Shading designed to restrict solar access to the living spaces in summer, whilst allowing beneficial solar access in winter.
  - Increased rating of the wall and ceiling insulation to the required specification
  - Treated glazing or double glazing where necessary
  - Draft sealing (weather seals on external doors etc.) where necessary
  - Sealed exhaust fans where necessary

- In addition to achieving a 7 Star rating on the building fabric, Mirvac encourage house designs to include the following energy saving features:
  - Gas boosted solar hot water or electric heat pump hot water systems
  - Gas or induction cook tops
  - LED light fittings throughout the home
  - Exterior lighting fitted with motion sensors
  - Low energy use appliances (aim for energy ratings greater than 4 star)
  - Energy efficient air conditioning systems (aim for a COP greater than 3)
  - Standby 'Green Switch' or Smart home automation to reduce energy whilst the home is unoccupied.
  - Solar photovoltaic electricity systems with battery storage

# Water Conservation and reuse

- To assist in achieving an overall reduction in household water usage, Mirvac recommends that homes incorporate the following measures:
  - Rainwater tanks for toilet flushing and irrigation
  - Dishwasher and washing machines with a 4 Star or greater WELS rating
  - Tapware and toilets with a 4 Star or greater WELS rating
  - Showers with a 3 Star WELS rating
  - Purchasers are encouraged to consider water efficient landscape design, soil mix, and plant selections, with a target of a minimum of 70% of planted species to be drought tolerant

# Materials and Waste

- Maximise the use of standard sizes of materials wherever possible to minimise wastage
- Mirvac recommends the use of low-impact construction materials
  - For masonry consider low impact options, such as recycled or carbon neutral bricks
  - For lightweight construction, consider the use of natural or innovative materials such as timber, structural insulated panels or Hebel for a reduced environmental impact and good thermal performance qualities.
- Internal Finishes
  - Consider the use of flooring, joinery and plasterboard that is environmentally certified by independent certification schemes such as GECA, EcoSpecifier or the Carpet Institute of Australia
  - Select high quality, durable finishes with long warranty periods

- To reduce the airborne chemicals within your home consider the following products
  - Engineered wood products, such as kitchen cabinetry and wardrobes, with low or zero formaldehyde (rated as E1 or E0)
  - Paints, adhesives and carpets rated to have low levels of volatile organic compounds (VOCs)
- To reduce waste to landfill during the operation of your home, consider
  - Installing a dual bin in the kitchen joinery to make recycling as easy as disposing of general waste
  - The use of a worm farm or composting bin to reduce food waste and provide fertiliser for your gardens.

# Smart Technology

Smart monitoring

Consider the use of smart meters to help track your energy consumption and reduce your bills even further

- Smart home automation
   Consider the use of smart home automation to make your life easier and future proof your home.
   Systems available include:
  - Smart Security systems
  - Smart intercom and access controls
  - Smart controls of lighting, blinds, air conditioning and appliances
  - Audio Visual systems
- If solar electricity and/or batteries are installed, consider a fully electric house to avoid the need for a natural gas connection.

# Landscaping

- The use of permeable surfaces is encouraged to maximise opportunities for natural infiltration and groundwater recharge
- The use of waterwise plant species, waterwise irrigation and mulching of garden beds is encouraged to reduce water use
- The planting of trees offering shade for the house and outdoor living areas and contributing to bird habitat is encouraged
- The use of locally native plant species is encouraged to increase biodiversity
- Consider the use of herbs, vegetables and fruit trees to create a productive garden



Please refer to Annexure D for the Landscaping Design Guidelines including concepts and a recommended planting palette which provide further information on how to achieve a high quality landscape outcome.

# Definitions

# As Constructed Site Level

The existing level of your lot as constructed during the civil works completed by or on behalf of Mirvac.

# Built to Boundary Walls (Zero Lot Boundary)

Refer Plan of Development.

# **Covenant Bond**

A Covenant Bond has been incorporated into the land sales contract for all properties within Everleigh. The fully refundable Covenant Bond serves to ensure that well designed, quality homes are brought to life to make this an attractive community to be proud of.

# **Design Committee**

The entity appointed by Mirvac authorised to approve building applications under these Residential Design Standards & Guidelines.

# Façade

Elevation of a building visible from a Public Area. The primary façade is the elevation facing the primary street.

# Living Areas

The internal part of your home excluding utility areas such as garage, laundry, bathroom, toilet, hall ways and storage areas.

# Local Authority

Logan City Council or the Department of State Development, Manufacturing, Infrastructure and Planning as applicable.

# Plan of Development (POD)

The approved Plan of Development – Envelope Plan and Plan of Development – Design Criteria in Annexure A and B.

# **Primary Street**

The street fronting your lot where the lot has only one street frontage; or for lots with two or more street frontages the street which your home's front door is located.

# Private Open Space

External areas of your lot with an area and dimensions as required by the Plan of Development. Private Open Space areas are not to contain any service items such as bin store, air conditioning condensers or rainwater tanks, etc. It may be roofed or un-roofed.

# **Public Area**

Any land vested to, or under the control of the Logan City Council. E.g. roads, verges /nature strips, parks, public access ways, etc.

# **Public Open Space**

Public Area excluding roads and verges/nature strips.

# **Retaining Wall**

A retaining wall is defined as any retaining structure higher than 200mm.

# Setback

Refer Plan of Development.

# Site Coverage

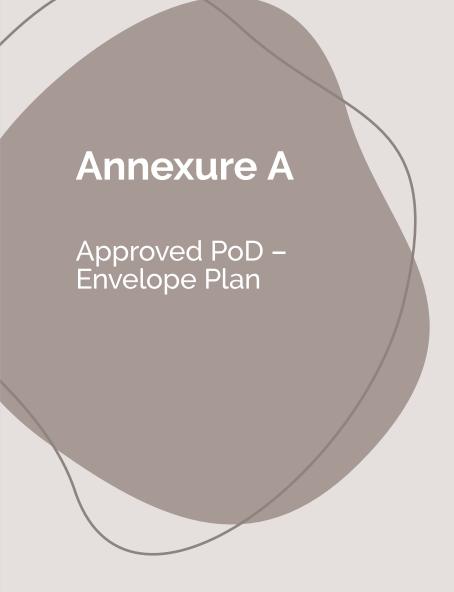
Refer Plan of Development.

# Secondary Street

Applies to lots with more than one street frontage and is the street(s) which is not the primary street.







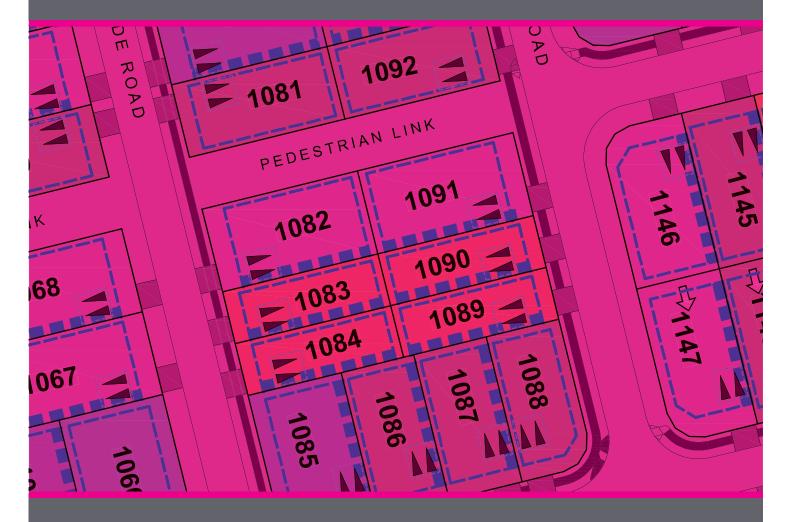
PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL Approval no: DEV2016/768 Date: 10 July 2020



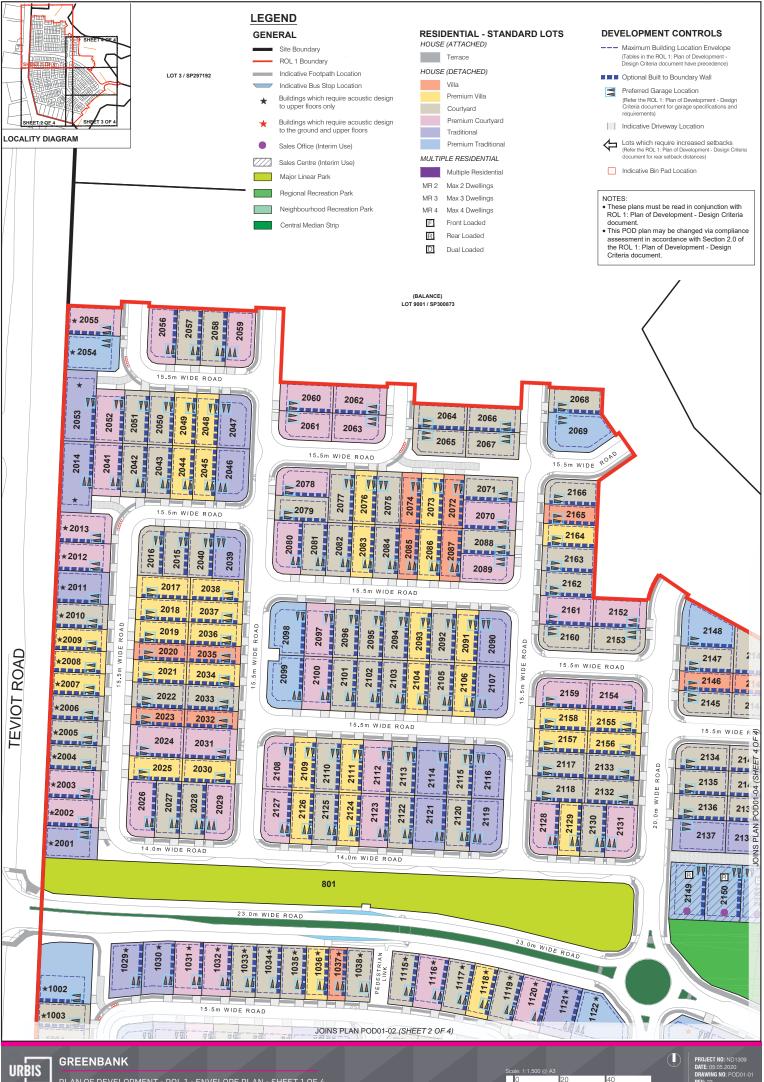
# **ROL 1:** PLAN OF DEVELOPMENT - ENVELOPE PLANS

**TEVIOT ROAD, GREENBANK** 

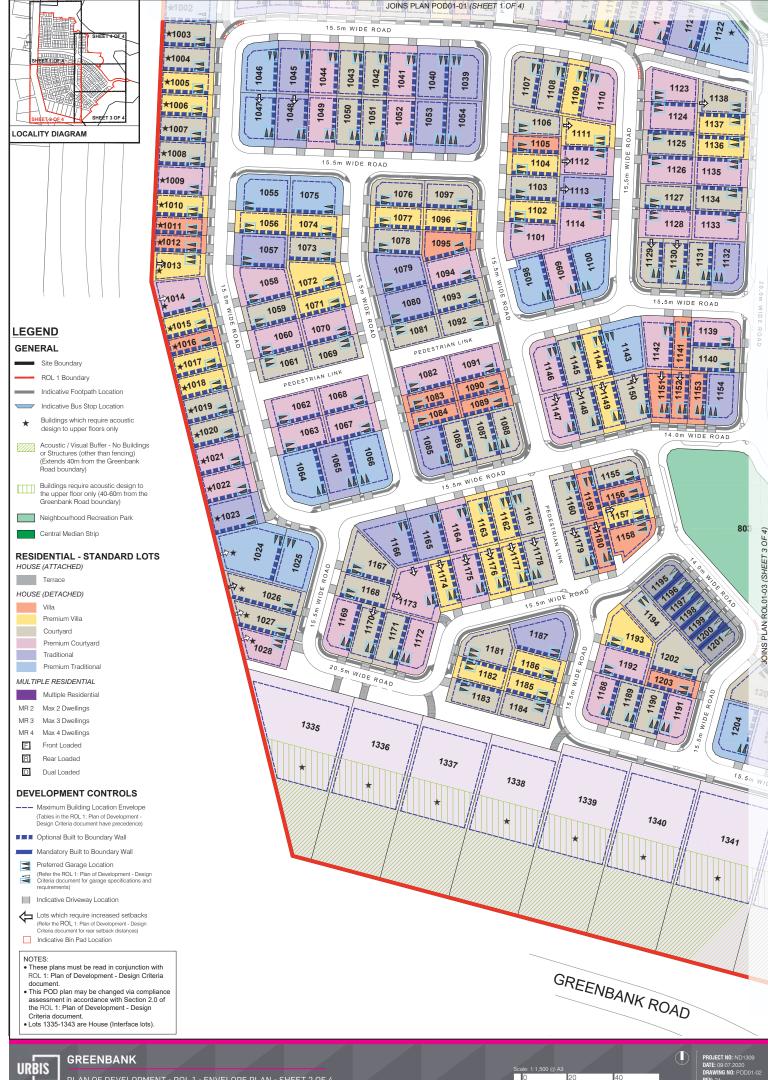
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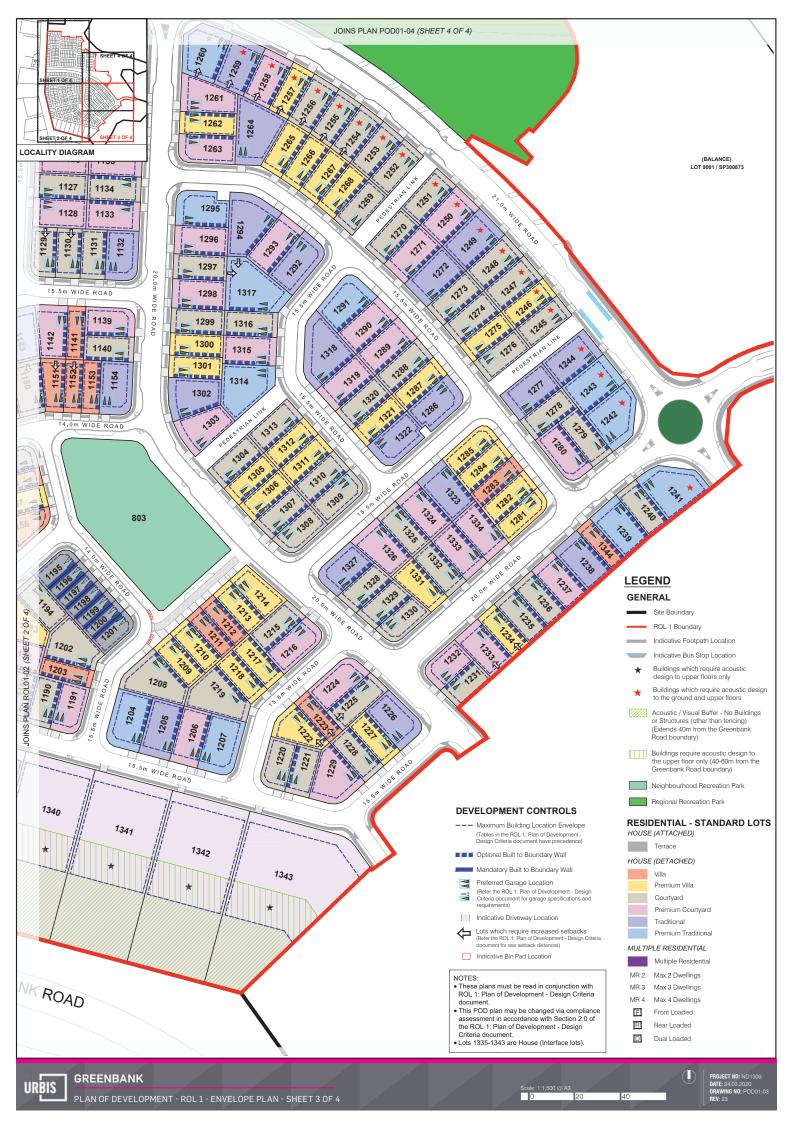


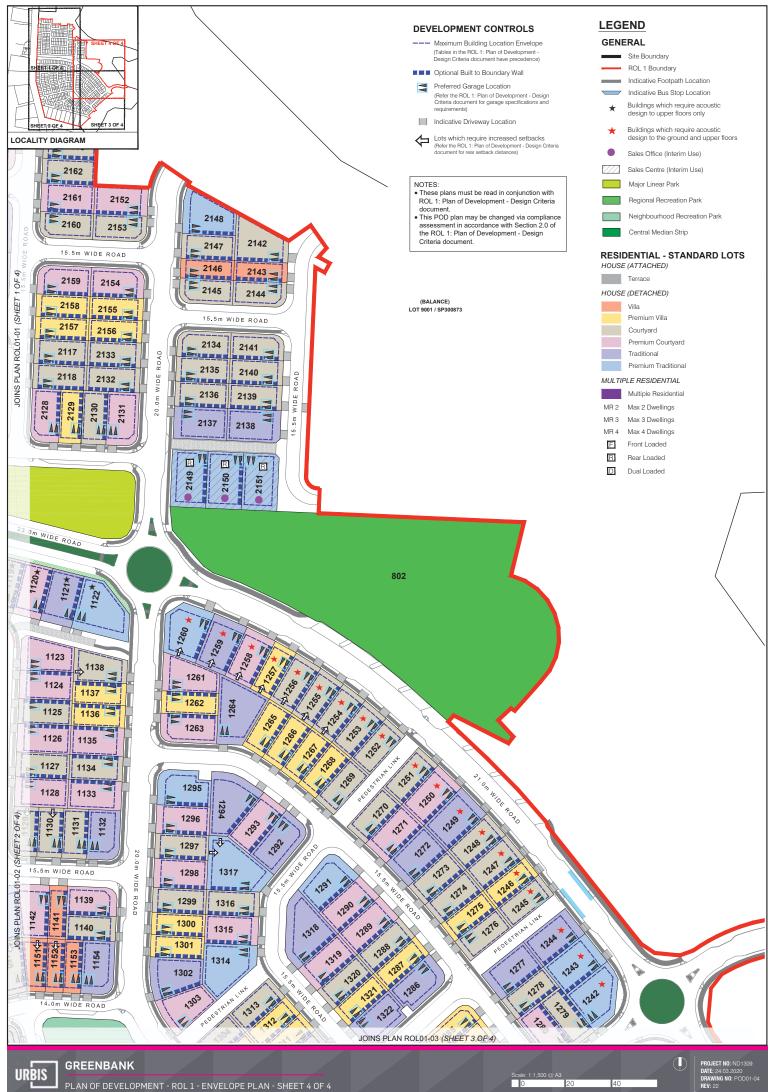




PLAN OF DEVELOPMENT - ROL 1 - ENVELOPE PLAN - SHEET 1 OF 4









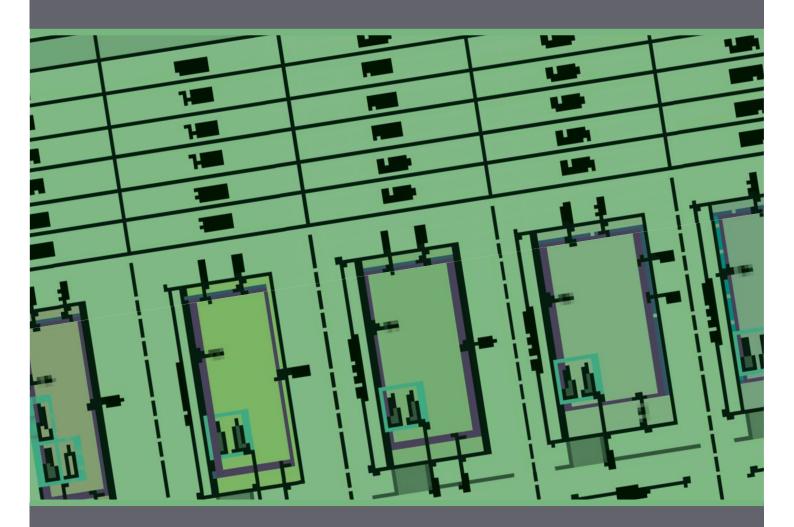


DEV2016/768 10 July 2020

# **ROL 1:** PLAN OF DEVELOPMENT - DESIGN CRITERIA

**TEVIOT ROAD, GREENBANK** 

05 MAY 2020





# **1.0 APPROVED USES**

# 1.1 USES EXEMPT IN ACCORDANCE WITH THIS PLAN OF DEVELOPMENT

Uses listed in Table 1 and complying with the relevant Design Criteria (Section 3.0 and Section 4.0) in this Plan of Development and ROL 1: Plan of Development - Envelope Plan's document are approved exempt development.

TABLE 1: LAND USES EXEMPT IN ACCORDANCE WITH THIS PLAN OF DEVELOPMENT 

LAND USES	
Display Home     House (detached, attached, or interface lots)     Park     Home Based Business	<ul> <li>Multiple Residential (Up to 3 dwelling units where identified on the ROL 1: Plan of Development - Envelope Plans)</li> <li>Advertising Device</li> </ul>

# 1.2 USES SUBJECT TO COMPLIANCE ASSESSMENT

Uses listed in Table 2 and complying with the relevant Design Criteria (Section 3.3, 3.4 and 3.5) in this Plan of Development and ROL 1: Plan of Development Envelope Plans document are approved development subject to Compliance Assessment.

TABLE 2: LAND USES USES SUBJECT TO COMPLIANCE ASSESSMENT & DESIGN CRITERIA . .....

LA	N	005	ES

Sales Office (up to 400m² GFA)
 Other Residential (Retirement)
 Multiple Residential (4 or more dwelling units where identified on the ROL 1: Plan of Development - Envelope Plans)

# 1.3 DEFINED TERMS

The terms used in this document have a particular meaning as stated in the Greater Flagstone UDA Development Scheme (October 2011) (Development Scheme). The Development Scheme definitions prevail over all other planning instruments to the extent of any inconsistency.

# 2.0 CRITERIA FOR A CHANGE TO APPROVED LAYOUT FOR GREENBANK ROL 1

2.1 DESIGN STANDARDS FOR A CHANGE TO APPROVED RECONFIGURING A LOT LAYOUT AND PLAN OF DEVELOPMENT ENVELOPE PLANS FOR GREENBANK ROL 1

The following plans and documents can be amended by compliance assessment where generally in accordance with the design standards in Table 3, or as otherwise agreed with the nominated assessing authority.

1. ROL 1: Plan of Development - Envelope Plans (Envelope Plans)

2. ROL 1: Reconfiguration of a Lot Plans (RoL Plans)

Figure 1 below identifies those fixed elements of the Envelope Plans and RoL Plans that cannot be adversely impacted or changed.

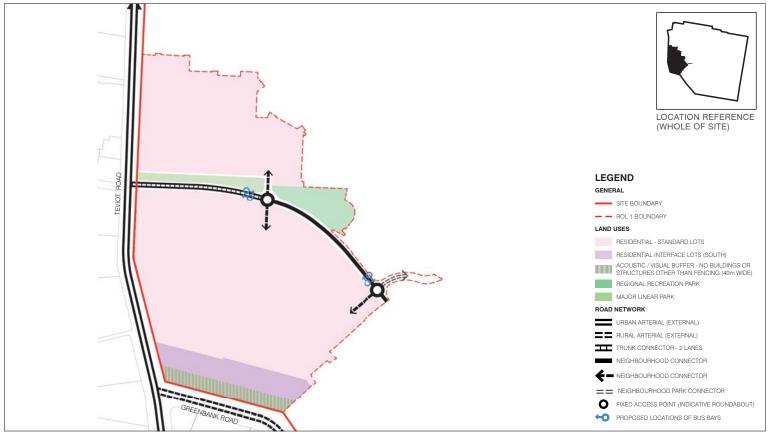
## FIGURE 1: FIXED ELEMENTS - ROL 1

TABLE 3: DESIGN STANDARDS

GENERAL	DESIGN STANDARDS		
Development Yield	<ul> <li>The total development yield is to be between 457 and 559 dwellings (being the originally approved 508 dwellings +/- 10%) where not in conflict with the other requirements of Table 3: Design Standards.</li> </ul>		
Lot Design	Size & density • no minimum lot size • For Residential - Standard Lots, development achieves a minimum net residential density of 15 dwellings per hectare for ROL 1		
	Shape <ul> <li>Width and depth consistent with typical lot dimensions - refer Section 3.0.</li> </ul>		
	Stope           • Unless constructed in an integrated or attached development, the finished slope on a lot less than 450m <sup>3</sup> in area does not exceed:           • 10% side slope           • 5% lengthwise slope           • 5% lengthwise slope           • 2% lengthwise slope           • 10% side slope           • 8% lengthwise slope           • 9% construction required when finished slope on lot is 16% or greater		
Block Size	Length 100-200 metres     Mid-block break providing a pedestrian link when blocks are over 130 metres     Depth 40-80 metres		
Interface Lots	Minimum lot size of 3,000m <sup>2</sup>		
Lot Layout	No more than eight narrow (less than 10.0 metres) frontage lots in a row.     No more than six lots with a width of 7.5 metres to 5.0 metres in a row unless serviced by a rear lane.		
Access	<ul> <li>90% of dwellings must be within 400m of a Neighbourhood Recreation Park or other park providing equivalent informal recreation opportunities.</li> <li>90% of Residential - Standard Lots are within 400 metres of an existing or planned public transport stop.</li> </ul>		
Street Network	Grid pattern or modified grid responsive to site characteristics.     Where slope allows, orientation within 15 degrees of north-south or east-west.     To minimise cut & fill, streets follow ridges, guilles, and/or are perpendicular to slope.     Minimise cut-easacs where possible. Where proposed, cut-de- sac length is desirably no greater than 10 lots.		
Typical Road         • Roads are designed generally in accordance with the approved Context Plan.           Typologies         • Street network includes (where relevant):           • A trunk connector providing access to neighbourhood connector streets;           • Neighbourhood connector streets providing direct access to properties and connections to neighbourhood destinations;           • Neighbourhood access streets provide direct access to properties and neighbourhood lates; and Neighbourhood access either at the front or rear of lots.			
On-Street Car parking	On-street car parking to be provided at a minimum rate of 0.5 spaces per residential lot.		
Total Park Area Required	Minimum 2.8 ha		

Note: Parks to be provided generally in accordance with the requirements of the Open Space Master Plan Rates of Provision & Accessibility

REFERENCE	REFERENCE MATERIAL		
PDA Guidelines and Practice Notes	Guideline 1- Residential 30 (May 2015)     Guideline 5 - Neighbourhood Planning and Design (May 2015)     Guideline 6 - Street and Movement Network (April 2012)     Guideline 7 - Low Rise Buildings (May 2015)     Guideline 12 - Park Planning and Design (May 2015)     Guideline 13 - Engineering Standards (May 2015)     Guideline 18 - Development Interfaces (May 2015)		



# **3.0 DESIGN CRITERIA**

# 3.1 HOUSE (DETACHED)

The following criteria apply to a House (Detached) proposals.

# Planning Context

- anning context In accordance with the provisions of the Greater Flagstone Urban Development Area Development Scheme (October 2011) (Development Scheme), building work and operational work are exempt development where in accordance with, or associated with, this Plan of Development (PoD).
- All relevant provisions of this PoD must be satisfied prior to the issuance of a Building Approval. The provisions of the Development Scheme will apply where development does not comply with all provisions of the Plan of Development.
- The Development Scheme definitions prevail over all other planning instruments to the extent of any inconsistency.

# General

- All development is to be undertaken in accordance with the Development Approval.
- 2. Nominated building location envelopes may be constrained by future easements and/or services.
- by lituite easements and/or services. Where allotments are so mervices. Valer allotments are so mervices. VaSaf71-1998 Accustics Road Traffic Notes Intrusion Building, Stiing and Construction (floor-plan specific accustic design) or as per acceptable form of construction from ODC MP4.4 Buildings in a Transport Noise Corridor. Refer to the approved Noise Impact Assessment for further information.

# Setbacks

- Setbacks are as per Table 4: Plan of Development Table House (Detached) (Table 4), unless specified otherwise on this sheet.
- 5
- (Detached) (table 4), unless specified onlinities of this streter. The permitted location of built to boundary walls are indicated on the ROL 1: Plan of Development Erwelope Plans. Built to boundary walls are not mandatory. Where built to boundary walls are not adopted, side setbacks shall be in accordance with the requirements of the Non-Built to Boundary Setbacks nominated in Table 4. All boundary setbacks are measured to the wall of the structure. 6
- The dwelling and associated projections (gutters etc.) must be located wholly within the subject lot, unless encroachment righ secured by way of easement (or other suitable mechanism). 8 rights are
- Secured by way or easement (or other structure interchantsm).
  9. Other than built to boundary walls, the outside face of the fascia, or the roof structure where there is no fascia, or attached sunhoods or the like (not including retractable blinds, fixed screens, rainwater tittings, or oramental attachments) is permitted to extend 600mm within the prescribed setback, however cannot encroach closer than 430mm from the boundary.
  10. The length of the built to boundary walls is not to exceed 50% of the lot depth, or 15.0m, whichever is the greatest.
- For corner lots (excluding a corner intersecting with a laneway), no building or structure over 2m high is built within a 6m x 6m truncation at the corner of two road frontages (refer Table 4).
- The primary street frontage elevation is to be articulated to reduce the mass of the building by one or more of the following:
- a. b.
- Windows recessed into the façade Balconies, porches or verandahs Window hoods Shadow lines created on the building through mi-nor changes in the façade (100mm minimum).
- Entrance porticoes may be located closer to the property boundary than stated in Table 4, provided that the portico Is located no less than 1,4m from the front property boundary, Does not exceed maximum height of 4.5m, Does not exceed a width of 3.0m; and The portico remains open and not enclosed.

### **Building Height** 14.

The maximum building height is 9.0m. 15. Buildings must have no more than 2 storeys

INDICATIVE ALLOTMENT TYPE

FRONT SETBACKS PRIMARY FRONTAGE

or lots with multiple street frontages: . A lot only has one primary frontage. . The primary frontage for a corner lot is as per the ROL 1: Plan of Development Building Envelope Plan (if nominated)

marked (

a retaining wall greater than

Development - Envelope Plan For lots located on the low side

rian Link is not a secondar,

SECONDARY FRONTAGE

REAR SETBACK Where allotments are so

2.0m total height

For all other lots

SIDE SETBACK

SIDE SETBACK Built to Boundary

SIDE SETBACK

SITE COVER

LEGEND LOT BOUNDARY GROUND FLOOR) MAXIMUM BUILDING ENVELOR (FIRST FLOOR) OPTIONAL BUILT TO BOUNDARY WAL DOUBLE GARAGE PREFERRED LOCATION INDICATIVE DRIVEWAY LOCATION

URBIS

Non-Built to Boundary

- Site Cover
- The maximum Area covered by all buildings and structures roofed with impervious materials, does not exceed the maximum

(PRIMARY REFERENCE FOR ALLOTMENT TYPE IS THE ROL 1: PLAN OF DEVELOPMENT - ENVELOPE PLANS)

INDICATIVE ALLOTMENT WIDTH (FRONTAGE)

To Wall (Ground Floor)

To Wall (Ground Floor)

To Wall (First Floor)

To Garage Door

Ground Floor

Ground Floor

Ground Floor

Ground Floor

Ground Floor

CORNER LOTS

PLAN OF DEVELOPMENT - ROL 1 - DESIGN CRITERIA - SHEET 1 OF 4

GREENBANK

First Floor

First Floor

First Floor

First Floor

First Floor

To Wall (First Floor)

To Garage Door

- site cover indicated in Table 4, where Area means:
- for enclosed spaces, the area including the outside wall; and for unenclosed spaces, the area is measured along a line 600mm in from the perimeter of the roof. a. b.

# Private Open Space and Amenity

- ivate Open Space and Amenity Each house / dwelling unit has a clearly defined outdoor living space which: a. Has an area of at least: 12 sgm with a minimum dimension of 2.4m for a 3 or more bedroom house / dwelling unit; 9 sgm with a minimum dimension of 2.4m for a 2 bedroom house / dwelling unit; 5 sgm with a minimum dimension of 1.2m for a 1 room or 1 bedroom house / dwelling unit. b. Is accessible from a living area; and c. Has a ground slope of not more than 1 in 10; c. Has a ground slope of not more than 1 in 10; d. Provides visual privacy from outdoor living spaces on adjacent lots.

# Eaves and Roof Pitch

- Eaves, or other architectural features which add visual interest to wall/roof junctions (such as parapets), are required to all walls excluding those built to the boundary. The maximum roof pitch is 40 degrees.

# Parking and Driveways

- A minimum of two on-site car parking spaces must be provided for each dwelling, one of which must be within a garage 20.
- 21.
  - Garages ages A dwelling on a lot with a primary frontage equal to or greater than 10m and less than 12.5m must adhere to the following criteria: The front facing building wall, which comprises the garage door, to not exceed an external width of 5.7m
  - - Width does not exceed 4.8m; and
- action of the Note water and the second of the se
- 22.

- 24.
- 25. A maximum of one driveway per dwelling is permitted unless it is a corner lot where a maximum of two driveways are permitted (1 per frontage).
- 26 The driveway finish must not be plain concrete.

VILLA

10m

3.0m

3.0m

5.0m

1.5m

2.0m

5.0m

2.5m

2.5m

2.5m

2.5m

1.5m

2.0m

0-0.3m

0.9m

0.9m

0.9m

70%

⊁-10.0m ---≯

- The direway linis index not be prain concrete. Driveways are to be: a. a minimum distance of 6m from an intersec-tion of one street with another street; and b. designed and constructed in accordance with approv-al / permit requirements of Logan City Council.
- TABLE 4: PLAN OF DEVELOPMENT TABLE HOUSE (DETACHED)

PREMIUM VILLA

12.5m

3.0m

3.0m

5.0m

2.0m

2.0m

5.0m

2.5m

2.5m

2.5m

2.5m

1.5m

2.0m

0-0.3m

1.0m

1.0m

1.0m

70%

-12.5m -\_

- 28. Carports are only permitted where
- Located behind the façade of the dwelling which faces the primary street frontage; and
   For correr lots, set back a minimum of 3.0m from the secondary street frontage.

# Retaining Walls

- Other than walls erected by the developer, retaining walls:
- must be tiered in vertical and im horizontal where forward of the build-ing line to any street, park or lane and visible from the public realm; and b. cannot exceed 1.5m in height without stepping elements incorporated.
   For sloping lots:
- For sloping lots: a. Where a built to boundary wall is permitted, this wall must be pro-jected to at least 150mm below the likely pad level of the adjacent block. The pad level can be assumed to be the average of the four corners of the adjacent block using the As Built levels. The build down of the build to boundary wall must be in a material consist-ent with the visible section of the wall immediately above it. Where on a lot with a rear retaining wall exceeding 2.0m above ground level (or where identified on the Plan of Development Envelope Plans), the Rear Setback is as per Table 4.
- 31.
- Fencing
- 33
- Envelope Plans), the Rear Setback is as per Table 4.
   Enricary frontage requirements:

   Primary frontage requirements:
   The maximum fence height is 1.8m;
   Fences are not permitted along road frontages forward of the building; and
   Side boundary fences are to be recessed at least 1m behind the wall addressing the primary road frontage (seasen on the right).

   Secondary frontage requirements:

   Fences to Secondary Frontages (Side) of Corner Lots may extend beyond the face of the secondary facade only on the basis the fencing visible from the public area is:

   A maximum fence height of 1.2m; with any fencing above 1.2m in height being at least 50% transparent or verall where the transparency is consistent across the full area of the fence (ite. transparent sections cannot be located solely at ground level); and
   Does not extend for lengths greater than 10m without a landscaped recess 3m in length and meters;
   Fences to pedestrian links:

   A maximum fence height of 1.2m; and
   Solid up to a height of 1.2m; with any fencing above 1.2m in height being at least 50% transparent or the fence can be at least 22% transparent or verall where the transparent or the fence can be at least 22% transparent or verall where the transparent or the fence can be at least 22% transparent or verall where the transparent or the fence can be at least 22% transparent or verall where the transparent or the fence can be at least 22% transparent or verall where the transparent or the fence can be at least 25% transparent or verall where the transparent or the fence can be at least 25% transparent or verall where the transparent or the fence can be at least 25% transparent or verall where the transparent or the fence can be at leas

PRIMARY FRONTAGE

FRONTAGE

PREMIUM TRADITIONAL

20m

4.5m

4.5m

5.5m

3.0m

3.0m

5.0m

2.5m

2.5m

2.5m

2.5m

1.5m

2.0m

0-0.3m

1.5m

1.5m

2.0m

60%

- 20.0m

JECT NO:

IG NO: DC01

Structures and Services

Secondary Dwelling

38

39

COURTYARD

14m

3.0m

3.0m

5.0m

2.0m

2.0m

5.0m

2.5m

2.5m

2.5m

2.5m

1.5m

2.0m

0-0.3m

1.0m

1.0m

1.0m

60%

× -14.0m PREMIUM

COURTYARD

16m

4.0m

4.0m

5.0m

2.0m

2.0m

5.0m

2.5m

2.5m

2.5m

2.5m

1.5m

2.0m

0-0.3m

1.0m

1.0m

1.5m

60%

بر

16.0m

- All ancillary structures (e.g. garden sheds, gazebos, pools) and services are to be suitably located or screened to minimise detrimental visual impact from public spaces or neighbouring residential allotments, with the exception of solar panels and solar hot water systems which may be located where most efficient.
- Screened drying areas are to be located behind the main face of the dwellings. 37.
- Rubbish bin areas are to be located behind the main face of the dwellings or stored so as to not be visible from the public realm.

A secondary dvelling is only permitted where:
 a. The lot is 400m<sup>2</sup> or more;
 b. The lot fortage is 12.5m or more; and
 c. It compiles with the applicable self assessable provi-sions in Schedule 3 of the Development Scheme where not inconsistent with the provisions of this PoD.
 There is to be no more than one secondary dwelling on a lot.

TRADITIONAL

18m

4.5m

4.5m

5.5m

3.0m

3.0m

5.0m

2.5m

2.5m

2.5m

2.5m

1.5m

2 0m

0-0.3m

1.5m

1.5m

2.0m

60%

×

-18.0m

×

 $\mathbb{T}$ 

# 3.2 HOUSE (ATTACHED)

The following criteria apply to House (attached) proposals

- Planning Context In accordance with the provisions of the Greater Flagstone Urban Development Area Development Scheme (October 2011) (Development Scheme), building work and operational work are exempt development where in accordance with, or associated with, this Plan of Development (PoD).
- All relevant provisions of this PoD must be satisfied prior to the issuance of a Building Approval.
- The provisions of the Development Scheme will apply where development does not comply with all provisions of the Plan of Development.
- The Development Scheme definitions prevail over all other planning instruments to the extent of any inconsistency.

# General

All development is to be undertaken in accordance with the Development Approval.

- 2.
- with the Development Approval. Nominated building location envelopes may be constrained by future easements and/or services. Where allotments are so marked on ROL 1: Plan of Development Envelope Plans, residential buildings must be designed and constructed to comply with AS3671-1989 Acoustics Road Traffic Noise Intrusion Building, Siting and Construction (floor-plan specific acoustic design) or as per acceptable form of construction from QDC MP4.4 Buildings in a Transport Noise Corridor. Refer to the approved Noise Impact Assessment for further information. 3
- Setbacks Setbacks are as per Table 5: Plan of Development Table - House
- (Attached) (Table 5), unless specified otherwise on this sheet
- The permitted location of built to boundary walls are indicated on the ROL 1: Plan of Development Envelope Plans.
- 6. Where built to boundary walls are not adopted, side setbacks shall be in accordance with the Non-Built to Boundary Wall setbacks nominated in Table 5 accordance with the Non-Built to Boundary Wail setbacks homin Length of Built to Boundary walls shall be no more than: a 80% for a house on a lot width of 7.5m or less b. 75% for a house on a lot width of 07.5m - 9.9m c. 70% for a house on a lot width of 100m - 12.49m d. 65% for a house on a lot width of 12.5m - 14.9m e. 60% for a house on a lot width of 15m - 19.9m f. 55% for a house on a lot width of 20m or greater All boundary setbacks are measured to the wall of the structure.
- 8
- The dwelling and associated projections (gutters etc.) must be located wholly within the subject lot, unless encroachment rights are secured by way of easement (or other suitable mechanism). 9
- Secured by way of easement (of other subtacter functions). Other than built to boundary walls, the outside face of the fascia, or the roof structure where there is no fascia, or attached sunhoods or the like (not including retractable blinds, fixed screens, rainwater fittings, or ormamental attachments) of a building is permitted to extend 600mm within the prescrib setback, however cannot encroach closer than 450mm from the boundary. rihod
- For correr lots (excluding a correr intersecting with a laneway), no building or structure over 2m high is built within a 6m x 6m truncation at the corner of two road frontages (refer Table 5).
- truncation at the corner of two road trontages (refer lable 5).
  12. The primary street frontage elevation is to be articulated to reduce the mass of the building by one or more of the following:

  a. Windows recessed into the façade
  b. Balconies, porches or verandahs
  c. Window lines created on the building through mi-nor changes in the façade (100mm minimum).

  13. Entrance portices any be located closer to the property boundary than stated in Table 5 provided that the portico:

  a. Is dealed on lass then 1 dwn from the front property boundary.

(PRIMARY REFERENCE FOR ALLO DEVELOPMENT - ENVELOPE PLAN FRONT SETBACKS PRIMARY FRONTAGE

SECONDARY FRONTAGE

REAR SETBACK

2.0m total height

SIDE SETBACK SIDE SETBACK

Built to Boundary

SIDE SETBACK

SITE COVER

LEGEND - LOT BOUNDARY MAXIMUM BUILDING ENVELOPE (GROUND FLOOR)

Non-Built to Boundary

MAXIMUM BUILDING ENVELOPE (EIRST EL OOR)

BUILT TO BOUNDARY WALL

PREFERRED GARAGE LOCATION

POTENTIAL ADDITIONAL CARPARE WHERE MEETING SPECIFIED CRIT INDICATIVE DRIVEWAY LOCAT

URBIS

For all other lots

ots with multiple street frontages: lot only has one primary frontage. ne primary frontage for a corner lot is s per the ROL 1: Plan of Developmen uilding Envelope Plan (if nominated)

Where allotments are so marked (>>) on ROL 1: Plan of Development - Envelope Plan.

For lots located on the low side

of a retaining wall greater than

INDICATIVE ALLOTMENT TYPE INDICATIVE ALLOTMENT TYPE IS THE ROL 1: PLAN OF

Is located no less than 1.4 m form the form troperty boundary; Does not exceed a maximum height of 4.5m; Does not exceed a width of 3.0m; and The portico remains open and not enclosed. a. b.

TABLE 5: PLAN OF DEVELOPMENT TABLE - HOUSE (ATTACHED)

To Wall (Ground Floor)

To Wall (Ground Floor)

To Wall (First Floor)

To Garage Door

Ground Floor

Ground Floor

Ground Floor

To Garage Door

Ground Floor

Ground Floor

First Floor

First Floor

CORNER LOTS

GREENBANK

First Floor

First Floor

First Floor

To Wall (First Floor)

To Garage Door

- c. d.

### **Building Height**

- m building height is 9.0m. 14. The Buildings must have no more than 2 storeys.
- Site Cover
- 16.
- The maximum Area covered by all buildings and structures rooted with impervious materials, does not exceed the maximum site cover indicated in Table 5, where Area means: a. for enclosed spaces, the area including the outside wall; and b. for unenclosed spaces, the area is measured along a line 600mm in from the perimeter of the roof.
- Private Open Space and Amenity

- Buildings must ensure the provision of natural light and ventilation to core living areas.
- Each house / dwelling unit has a clearly defined outdoor living space which:
- Each house / dwelling unit has a clearly defined outdoor living space which:

  Isas an area of at least:
  12 sgm with a minimum dimension of 2.4m for a 3 or more bedroom house / dwelling unit;
  9 sgm with a minimum dimension of 2.4m for a 2 bedroom house / dwelling unit; or
  5 sqm with a minimum dimension of 1.2m for a 1 room or 1 bedroom house / dwelling unit; of
  6 sacessible from a living area; and
  Is accessible from a living area; and
  Is accessible from a living area; and
  Rovides visual privacy from outdoor living spaces on adjacent lots.

# Eaves and Roof Pitch

- Eaves, or other architectural features which add visual interest to wall/roof junctions (such as parapets), are required to all walls excluding those built to the boundary.
- 20. The maximum roof pitch is 40 degrees.

- Parking and Driveways 21. A minimum of two on-site car parking spaces must be provided for each dwelling, one of which must be within a garage.
- 22. Garages
  - Garages:
    Front loaded attached allotments must adhere to the following criteria:
    For lot frontages less than 10m, single or tandem garages must be used;
    For lot frontages equal to or greater than 10m and less than 12.5m, double garages can be used where the garage door width does not exceed 4.8m;
    For lot frontages greater than 12.5m, single, tandem or double garages may be used where the garage door width does not exceed 4.8m;
    For lot forn exceed 40% of the lot frontage; and
    Double carages gare to be sethavet. 10m behind the
  - Double garages are to be setback 1.0m behind the main face of the dwelling, excluding balconies.
- 23. The maximum width of a driveway at the lot boundary shall be
  - Ine maximum width of a driveway at the iot boundary shall be: a. 4.8m for a dwelling with a double garage on a lot with a width of 12.5m or greater. b. 3.5m for a dwelling on a lot with a width between 10m to 12.49m. c. 3.0m for a dwelling with a single or tandem garage on any lot. A maximum of one driveway per dwelling is permitted unless it is a corner to where a maximum of two driveways are permitted (1 per frontage).
- 24.
- 25.
- Where accessed from a laneway, garages are to be paired (built to a common boundary where possible).
- The driveway finish must not be plain concrete
- 27. Driveways are to be:

  - a. a minimum distance of 6m from an intersec-tion of one street with another street; and
     b. designed and constructed in accordance with approv-al / permit requirements of Logan City Council.

- Retaining Walls 28. Other than walls erected by the developer, retaining walls:
- a. must be liered im vertical and im horizontal where forward of the build-ing line to any street, park or lane and visible from the public realm; and b. cannot exceed 1.5m in height without stepping elements incorporated. For sloping lots:

FRONT LOADED

3.0m

3.0m

5.0m

1.5m

2.0m

N/A

2.5m

2.5m

2.5m

2.5m

1.5m

1.5m

N/A

0-0.3m

0-0.3m

0.9m

0.9m

75%

 $\Lambda$  $\Lambda$  $\mathbf{A}$ 

A

UNIT 4 LING

ADJOINING LOTS

ROAD

UNIT LIN

0.9m

PLAN OF DEVELOPMENT - ROL 1 - DESIGN CRITERIA - SHEET 2 OF 4

a. Where a built to boundary wall is permitted, this wall must be pro-

jected to at least 150mm below the likely pad level of the adjacent block. The pad level can be assumed to be the average of the four corners of the adjacent block using the AS built levels. The build down of the build to boundary wall must be in a material consist-ent with the visible section of the wall immediately above it.

PRIMARY FRONTAGE

FRONTAGE

- Where on a lot with a rear retaining wall exceeding 2.0m above ground level (or where identified on the Plan of Development Envelope Plans), the Rear Setback is as per Table 5.

### Fencina

- ront loaded lots the Primary Frontage requirements are as follows:

- For front loaded lots the Primary Frontage requiren a. The maximum fence height is 1.8m; b. Fences are not permitted along road front-ages forward of the building; and c. Side boundary fences are to be recessed at least tim behind the wall addressing the primary road frontage (as seen on the right). Fer rens leaded bits the Direces Constromed
- 32. For rear loaded lots the Primary Frontage requirements are as follows:
- requirements are as follows:
  a. The maximum fence height is 1.2m;
  b. Fences are permitted along the Primary Frontage and the side boundaries forward of the façade facing the Primary Frontage; and
  c. Fences must be at least 50% transparent.
  33. For all lots the Secondary Fontage requirements are as follows:
  a. Fences may extend beyond the face of the secondary façade only on the basis the fencing visible from the public area is:
  A maximum fence height of 1.8m;
  Solid up to a height of 1.2m with any fencing above 1.2m in height being at least 50% transparent or

  - Solid up to a height of 1.2m with any lencing abo 1.2m in height being at least 50% transparent or the fence can be at least 25% transparent overall where the transparency is consistent across the full area of the fence (i.e. transparent sections cannot be located solely at ground level); and Does not extend for lengths greater than 10m without a landscaped recess 3m in length and 1m deep (as seen on the right).

# 34. Pedestrian link requirements:

Structures and Services

Secondary Dwelling

Letterboxes

38

REAR LOADED

3.0m

3.0m

N/A

1.5m

2.0m

N/A

2.5m

2.5m

2.5m

2.5m

1.5m

1.5m

1.5m

0-0.3m

0-0.3m

1.0m

1.0m

75%

UNIT 4

EN L

SOAD

ADJOINING LOTS

JNIT 2

UNIT 1

34. Pedestrian link requirements: a. Fences to pedestrian links: - A maximum fence height of 1.8m; and - Solid up to a height of 1.2 m with any fencing above 1.2m in height being at least 50% transparent or the fence can be at least 25% transparent overall where the transparency is consistent across the full area of the fence (i.e. transparent sections cannot be located solely at ground level). Within laneways 1.8m high fences are permitted to screen private open space, car parking and servicing areas.

For rear loaded lots, letterboxes for the dwelling shall be located on the primary street or park frontage and not in the laneway.

Rubbish bin areas are to be located behind the main face of the dwellings or stored so as to not be visible from the public realm.

Secondary Uweiling
40. A secondary dwelling is only permitted where:

The lot is 400m<sup>2</sup> or more;
The lot frontage is 12.5m or more; and
It complies with the applicable self assessable provisions in Schedule 3 of the Development Scheme where not inconsistent with the provisions of this PoD.

41. There is to be no more than one secondary dwelling on a lot.

All ancillary structures (e.g. garden sheds, gazebos, pools) and services are to be suitably located or screened to minimise detrimental visual impact from public spaces or neighbouring residential allotments, with the exception of solar panels and solar hot water systems which may be located where most efficient.

Screened drying areas are to be located behind the main face of the dwellings

DUAL LOADED

3.0m

3.0m

5.0m

2.0m

2.0m

5.0m

2.5m

2.5m

2.5m

2.5m

1.5m

1.5m

N/A

0-0.3m

0-0.3m

1.0m

1.0m

70%

UNIT 1

UNIT 2

Δſ

 $\mathbb{T}$ 

PRIM

ROAD

# 3.3 MULTIPLE RESIDENTIAL

The following criteria apply to Multiple Residential Proposals.

### Planning Context

- In accordance with the provisions of the Greater Flagstone Urban Development Area Development Scheme (October 2011) (Development Scheme), building work and operational work are exempt development where in accordance with, or associated with, this Plan of Development (PoD).
- All relevant provisions of this PoD must be satisfied prior to the issuance of a Building Approval.
- The provisions of the Development Scheme will apply where development does not comply with all provisions of the Plan of Development.
- The Development Scheme definitions prevail over all other planning instruments to the extent of any inconsistency

### General

- All development is to be undertaken in accordance with the Development Approval.
- 2
- Nominated building location envelopes may be constrained by future easements and/or service
- 3 Where allotments are so marked on ROL 1: Plan of Development Where allottments are so marked on HQL 1: Van of Development - Envelope Plans, residential buildings must be designed and constructed to comply with AS3671-1989 Acoustics - Road Traffic Noise Intrusion - Buildings, Siting and Construction (floor-plan specific acoustic design) or as per acceptable forms of construction from ODC MP4.4 - Buildings in a Transport Noise Corridor. Refer to the approved Noise Impact Assessment for further information.

# Setbacks

- Setbacks are as per Table 6: Plan of Development Table Multiple Residential (Table 6), unless specified otherwise on this sheet.
- 5 All boundary setbacks are measured to the wall of the structure. The dwelling and associated projections (gutters etc.) must be located wholly within the subject lot, unless encroachment rights are secured by way of easement (or other suitable mechanism). 6.
- are secured by way or easement (or orner suitable mechanism). Other than built to boundary walls, the outside face of the fascia, or the roof structure where there is no fascia, or attached sunhoods or the like (not including retractable blinds, fixed screens, rainwater fittings, or ornamental attachments) of a building is permitted to extend 600mm within the prescribed setback, however cannot encroach closer than 450mm from the boundary.
- For corner lots (excluding a corner intersecting with a lanew no building or structure over 2m high is built within a 6m x 6r truncation at the corner of two road frontages (refer Table 6).
- 0
- The primary street frontage elevation is to be articulated to reduce the mass of the building by one or more of the following: a. Windows recessed into the façade b. Balconies, porches or verandahs c. Window hoods d. Shadow lines created on the building through minor changes in the façade (100mm minimum).

TABLE 6' PLAN OF DEVELOPMENT TABLE - MULTIPLE RESIDENTIAL

- tagade (tournm minimum).
  10. Entrance porticoes may be located closer to the property boundary than stated in the Table 6 provided that the portico:

  a. Is located no less than 1.4m from the front property boundary;
  b. Does not exceed a maximum height of 4.5m;
  c. Does not exceed a width of 3.0m; and
  d. The portico remains open and not enclosed.

# **Building Height**

- The maximum building height is 9.0m.
- 12. Buildings must have no more than 2 storeys

### Site Cover

- The maximum Area covered by all buildings and structures 13
- roofed with impervious materials, does not exceed the maximum site cover indicated in Table 6, where Area means:
- for enclosed spaces, the area including the outside wall; and for unenclosed spaces, the area is measured along a line 600mm in from the perimeter of the roof.

- Private Open Space and Amenity
  14. Each house / dwelling unit has a clearly defined outdoor living space which:
  a. Has an area of at least:
   12sqm with a minimum dimension of 2.4m for a
  3 or more bedroom house / dwelling unit;
   9 sqm with a minimum dimension of 2.4m for a
  2 bedroom house / dwelling unit;
  or
   5 sqm with a minimum dimension of 1.2m for a 1
  room or 1 bedroom house / dwelling unit.
  b. Is accessible from a living area;
  C. Has a ground slope of not more than 1 in 10; and
  d. Provides visual privacy from outdoor living spaces on adjacent lots.
  Or communal open space is provided which: Or communal open space is provided which:
- a. has an area of at least 25% of the area of the lot; and
   b. is of a shape which can include a circle with a 4.0m diameter
- 15. Buildings must ensure the provision of natural
- light and ventilation to core living areas

### Eaves and Roof Pitch

- Eaves, or other architectural features which add visual interest to wall/roof junctions (such as parapets), are required to all walls.
- 17. The maximum roof pitch is 40 degrees.

### Parking and Driveways

- A minimum of two on-site car parking spaces must be provided for each dwelling, one of which must be within a garage.
   For all front-loaded attached allotments, garages
- are not to dominate the streetscape.
- 20. A maximum of one driveway per dwelling permitted.
- 21. Where accessed from a laneway, garages are to be paired where possible
- 22. The driveway finish must not be plain concrete.
- 23. Driveways are to be:
- a minimum distance of 6m from an intersection of one street with another street; and
   b. designed and constructed in accordance with approval / permit requirements of Logan City Council.

- Retaining Walls 24. Other than walls erected by the developer, retaining walls. must be tiered 1m vertical and 1m horizontal where
  - floward of the building line to any street, park or lane and visible from the public realm; and cannot exceed 1.5m in height without stepping elements incorporated

### Fencing

- Fencing
  25. For front loaded dwellings the Primary Frontage requirements are as follows:

  a. The maximum fence height is 1.8m;
  b. Fences are not permitted along road frontages forward of the building; and
  c. Side boundary fences are to be setback at least tim behind the face of the wall addressing the primary road frontage (as seen on the right).

  C. Exc are loaded dwellings the Direment Forsteen convirgence on the right.
- There are provided that the second of the right).
   For rear loaded dwellings the Primary Frontage requirements are as follows

   a. The maximum fence height is 1.2m;
   b. Fences are permitted along the Primary Frontage; and the side boundaries forward of the façade facing the Primary Frontage; and
   c. Fences must be al least 50% transparent.

28. Pedestrian link requirements

- Pedestrian link requirements:

   Fences to pedestrian links:
   A maximum fence height of 1.8m; and
   Solid up to a height of 1.2m with any fencing above 1.2m in height being at least 50% transparent or the fence can be at least 25% transparent overall where the transparent sections the full area of the fence (i.e. transparent sections cannot be located solely at ground level).

   Within laneways, 1.8m high fences are permitted to screen private open space, car parking and servicing areas.

### Letterboxes

For rear loaded dwellings, letterboxes shall be located on the primary street or park frontage and not in the laneway.

### Structures and Services

- Structures and Services 31. All ancillary structures (e.g., garden sheds, gazebos, pools) and services are to be suitably located or screened to minimise detrimental visual impact from public spaces or neighbouring residential allotments, with the exception of solar panels and sol hot water systems which may be located where most efficient. sola
- Screened drying areas are to be located behind the main face of the dwellings.
   Rubbish bin areas are to be located behind the main face of the Rubbish bin areas are to be located behind the main face of the dwellings or stored so as to not be visible from the public realm

INDICATIVE ALLOTMENT TYPE (PRIMARY REFERENCE FOR ALLOTMENT TYPE IS THE ROL 1: PLAN OF DEVELOPMENT - ENVELOPE PLANS)		FRONT LOADED	REAR LOADED	DUAL LOADED	
RONT SETBACKS					
PRIMARY FRONTAGE or lots with multiple street frontages:	To Wall (Ground Floor)	3.0m	3.0m	3.0m	
A lot only has one primary frontage. The primary frontage for a corner lot is as per the ROL 1: Plan of Development – Build- ing Envelope Plan (if nominated)	To Wall (First Floor)	3.0m	3.0m	3.0m	
ing Envelope Plan (if nominated)	To Garage Door	5.0m	N/A	5.0m	
ECONDARY FRONTAGE	To Wall (Ground Floor)	1.5m	1.5m	2.0m	
ote: A Pedestrian Link is not a secondary ntage	To Wall (First Floor)	2.0m	2.0m	2.0m	
	To Garage Door	N/A	N/A	5.0m	
REAR SETBACK	· · · ·				
or lots located on the low side of	Ground Floor	2.5m	2.5m	2.5m	
a retaining wall greater than 2.0m total height	First Floor	2.5m	2.5m	2.5m	
or all other lots	Ground Floor	1.5m	1.5m	1.5m	
	First Floor	1.5m	1.5m	1.5m	
To Garage Door		N/A	1.5m	N/A	
IDE SETBACK					
IDE SETBACK	Ground Floor	1.0m	1.0m	1.5m	
Ion-Built to Boundary	First Floor	1.0m	1.0m	1.5m	
SITE COVER		75%	75%	70%	

CORNER LOTS



FRONTAGE

PRIMARY



GREENBANK

INDICATIVE DRIVEWAY LOCATION

URBIS

# 3.4 SALES OFFICE

The following criteria apply to a Sales Office:

- The hours of operation of the sales office do not commence before 7am or extend later than 6pm.
- · A minimum of 2 on-site car parking spaces are provided.
- Private open space and public frontage are turfed and landscaped.

# 3.5 OTHER RESIDENTIAL

The following criteria apply to Other Residential:

- Development has minimum boundary clearances that comply with Table 7.
- Each dwelling has private open space with direct access from the principal living areas of each dwelling of a shape which can include a circle with 2.4m diameter
- An outdoor communal open space area being a minimum 10% of the site area is provided.
- 90% of development is located within 400m of a bus service.

# TABLE 7: PLAN OF DEVELOPMENT TABLE - OTHER RESIDENTIAL

Setbacks		
Front Setback		4.0m
	where the height of that part is 4.5m or less	1.5m
Side Boundary	where the height of that part is greater than 4.5m but not more than 7.5m	2.0m
	where the height is greater than 7.5m	2.0m
Rear Boundary		6.0m
Maximum Building Height		9.0m

# 3.6 HOUSE (INTERFACE LOTS)

- Planning Context
  In accordance with the provisions of the Greater Flagstone Urban Development Area Development Scheme (October 2011) (Development Scheme), building work and operational work are exempt development v in accordance with, or associated with, this Plan of Development (PoD). where
- All relevant provisions of this PoD must be satisfied prior to the issuance of a Building Approval.
- The provisions of the Development Scheme will apply where development does not comply with all provisions of the Plan of Development.
   The Development Scheme definitions prevail over all other planning instruments to the extent of any inconsistency.

### General

- All development is to be undertaken in accordance with the Development Approval.
- 2.
- with the Development Approval. Nominated building location envelopes may be constrained by future easements and/or services. Where allotments are so marked on ROL 1: Plan of Development Envelope Plans, residential buildings must be designed and constructed to comply with AS3671-1989 Acoustics Road Traffic Aoise Intrusion Building, Siting and Construction (floor-plan specific acoustic design) or as per acceptable forms of construction from ODC MP4.4 Buildings in a Transport Noise Corridor. Refer to the approved Noise Impact Assessment for further information. 3
- Setbacks
- Setbacks are as per Table 8: Plan of Development Table House (Interface Lots) (Table 8), unless specified otherwise on this sheet.
- All boundary setbacks are measured to the wall of the structure. 5 The dwelling and associated projections (gutters etc.) must be located wholly within the subject lot, unless encroachment rights are secured by way of easement (or other suitable mechanism). 6
- **Building Height**

### The maximum building height is 9.0m.

8. Buildings must have no more than 2 storeys.

### Site Cover

- e Cover The maximum Area covered by all buildings and structures roofed with impervious materials, does not exceed site cover of 25% where Area means: a. for enclosed spaces, the area including the outside wall; and b. for unenclosed spaces, the area is measured along a line 600mm in from the perimeter of the roof.

### Eaves and Roof Pitch

- Eaves, or other architectural features which add visual interest to wall/roof junctions (such as parapets), are required to all walls.
- 11. The maximum roof pitch is 40 degrees.

# TABLE 8: PLAN OF DEVELOPMENT TABLE - HOUSE (INTERFACE LOTS)

Setbacks		
Front Setback		6.0m
Side Boundary	Ground Floor	1.5m
Side Boundary	First Floor	2.0m
Rear Boundary	·	40m (Note that acoustic attenuation may be required where structures are built within 40-60m of the rear boundary)

# Parking and Driveways

- A minimum of two on-site car parking spaces must be provided for each dwelling.
- 13. A double garage must be used.
- 14. The maximum width of a driveway at the lot boundary shall be 4.8m.
- A maximum of one driveway per dwelling is permitted 15.
- 16. The driveway finish must not be plain concrete. 17.
- Driveways are to be designed and constructed in accordance with approval / permit requirements of Logan City Council.

# **Retaining Walls**

- taining Walls
   Other than walls erected by the developer, retaining walls:
   must be tiered 1m vertical and 1m horizontal where forward of the building line to any street, park or lane and visible from the public realm; and
   cannot exceed 1.5m in height without stepping elements incorporated.
- Fencina

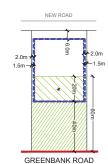
- The maximum fence height is 1.2m.
   Fences are permitted to all frontages.
- 21. Fences must be at least 50% transparent.

### Structures and Services

- All ancillary structures (e.g. garden sheds, gazebos, pools) and services are to be suitably located or screened to minimise detrimental visual impact from public spaces or neighbouring residential allotments, with the exception of solar panels and solar hot water systems which may be located where most efficient.
- 23. Screened drying areas are to be located behind the main face of the dwellings.
- 24. Rubbish bin areas are to be located behind the main face of the dwellings or stored so as to not be visible from the public realm.

# Secondary Dwelling

- 25. A secondary dwelling is only permitted where:
- The lot is 400<sup>m</sup><sup>2</sup> or more; The lot fortage is 12.5m or more; and It complies with the applicable self assessable provisions in Schedule 3 of the Development Scheme where not inconsistent with the provisions of this PoD.
- 26. There is to be no more than one secondary dwelling on a lot.



- $\star$
- Acoustic Buffer / Visual Buffer No Buildings or Structures (other than fencing) (extends 40m from the Greenbank Road Boundary)
- Greenbank Road Boundary)
- Maximum Building Location Envelope (Ground Floor)
- Maximum Building Location Envelope (First Floor)

GREENBANK

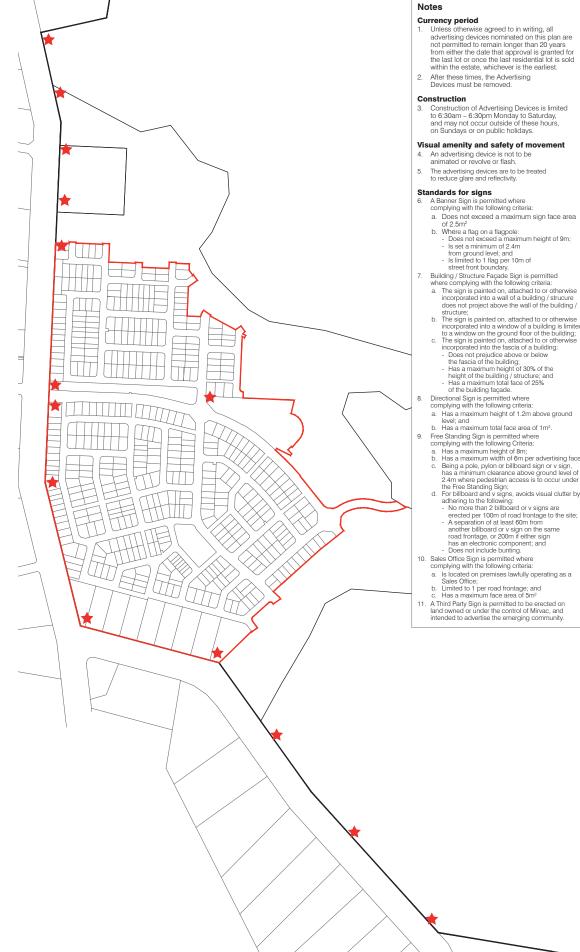
- LEGEND
- - Site Boundary
  - Buildings which require acoustic design to upper floors only.

  - Buildings require Acoustic Design to the upper floor only (40-60m from the



# 4.0 ADVERTISING DEVICES

Advertising Devices in accordance with the controls on this sheet are exempt in accordance with this Plan of Development.



- otherwise agreed to in writing, all Onless otherwise agreed to in writing, all advertising devices nominated on this plan are not permitted to remain longer than 20 years from either the date that approval is granted for the last to or once the last residential to is sold within the estate, whichever is the earliest. After these times, the Advertising Devices must be removed
- Devices must be removed

# Visual amenity and safety of movement

- The advertising devices are to be treated to reduce glare and reflectivity.
- - a. Does not exceed a maximum sign face area
- street front boundary. Building / Structure Façade Sign is permitted where complying with the following criteria: a. The sign is painted on, attached to or otherwise incorporated into a wall of a building / strucure does not project above the wall of the building / attractiver.
- tables hold project above the wait of the building / structure; The sign is painted on, attached to or otherwise incorporated into a window of a building is limit to a window on the ground floor of the building; The sign is painted on, attached to or otherwise incorporated into the fascia of a building:

- Free Standing Sign is permitted where complying with the following Criteria:
- complying with the following Criteria:
  a. Has a maximum height of 8m;
  Bas a maximum width of 6m per advertising face;
  Being a pole, pylon or billboard sign or v sign, has a minimum clearance above ground level of 2.4m where pedestrian access is to occur under the Free Standing Sign;
  For billboard and v signs, avoids visual clutter by adhering to the following:
  No more than 2 billboard or v signs are exercised per 100m or to read frontane to the site:

# Definitions:

Advertising Device Any permanent structure, device, sign or the like intended for advertising purposes. It or building feature that is provided exclusively or mainly as part of the advertisement.

### Banner Sign A device that

a, comprises only cloth, paper, flexible plastic, fabric or other non-rigid material; and b. is suspended from a structure or pole with or without supporting framework

Building / Structure Façade Sign A sign which is painted on, attached to or otherwise incorporated into the wall, window, canopy or fascia of a building or structure. Note—Examples of a building façade sign:

- Awning fascia sign being an advertising device painted on, attached to or incorporated into the

- painted on, attached to or incorporated into the tascia of an awing, balcony or veranda.
  Canopy sign being an advertising device painted on or otherwise incorporated into a canopy of a building.
  Hamper sign being an advertising device painted on on, attached to or otherwise incorporated into the area between a door head and the underside of an awing, balcony or veranda.
  Building name sign being an advertising device painted on attached to or otherwise incorporated into the area between a door head and the underside of an awing, balcony or veranda.
  Building name sign being an advertising device painted on a statched to or otherwise incorporated into the wall of a building naming or identifying a building by the use of a logo the like.
  Wall sign being an advertising device painted on, attached to or otherwise incorporated into a wall of a building or structure (lence).
  Window sign being an advertising device painted on, attached to or otherwise incorporated into a wall or a vindow of a building.

Directional Sign A sign providing information in respect of the operation of an activity on the premises.

Note-Examples of a directional sign:

- entrance sign; entrance alg.
  parking sign;
  menu board.

Face Area In relation to an advertising device, where the advertising device has:

- a only one face, the greater of the area of:

   the advertisement panel or board as installed; or
   arectangular figure best enclosing the advertising message, logo or figure;
   b, more than one face, the sum of the area of each of the faces where each is calculated separately in
- accordance with paragraph (a).

Free Standing Sign A sign permanently attached to the ground on its supportive structure independent of any building.

- Note-Examples of a freestanding sign:
- Note—Examples of a freestanding sign:
  A billboard sign being an advertising device the width of which is greater than the height and which may be positioned on the ground or mounted on one or many vertical supports;
  A v sign being an advertising device the width of which is greater than the height and which may be positioned on the ground or mounted on one or many vertical supports where the two advertising faces are arranged at an angle to each other addressing the road frontage;
  A provide sign being an advertising device which in effect sits on or rises out of the ground or mounted on one or many vertical supports.
  A provide sign being an advertising device which may be positioned on the ground or mounted on one or mounted on a group and sign being an advertising device which may be positioned on the ground or mounted on one or me supports;
  A vertical banner free standing sign being an advertising device dotted not brackets extending from a freestanding pole.

- extending from a freestanding pole

# Leaend

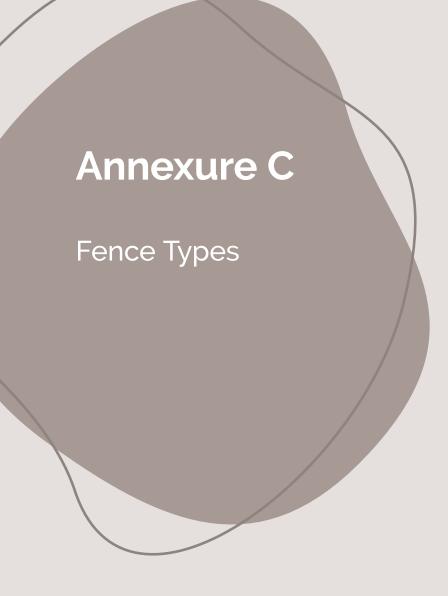
 $\square$ 

Site Boundary ROL 1 Boundary Free Standing Sign

FIGURE 2: INDICATIVE LOCATIONS OF PRIMARY ADVERTISING DEVICES

GREENBANK

JECT NO: IG NO: S



### **NEIGHBOUR FENCE** NEIGHBOUR FENCE TYPE 1 — TIMBER PALING FENCE

#### FINISHES

- Timber paling fence
- Unpainted
- Pine palings
- Posts and rails to be hardwood, recommended grade F14, durability Class 1
- Any timber in contact with ground to be H4treated minimum



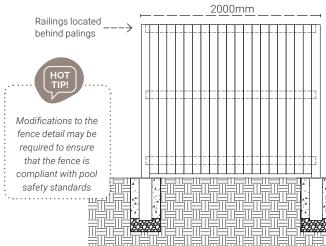
1800mm

#### FENCE TYPE 1 EXAMPLE

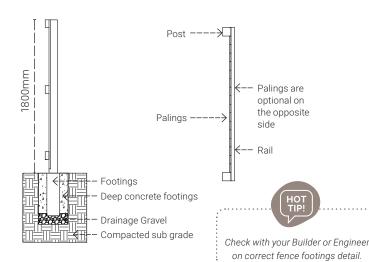
Plan view



#### Front view



Side view



#### Specifications:

- Posts
- Spacing nominal 2m
- Corner posts/End posts 100x100

Retaining walls to be constructed by

Mirvac have been designed to allow these fences to be attached using cleats. Speak to the Sales Team or refer to the **Building** @ Everleigh Portal for further detail.

- Intermediate posts 100x75
- Height 1.8m above finished level
- Rails
- 3 required
- 90 x 40
- Palings
- 100x16
- Nominal 0mm gap between palings

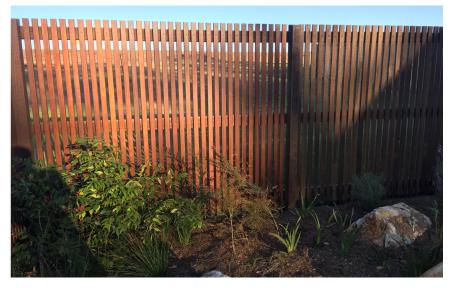
# **FEATURE FENCE TYPE A** – DRESSED HARDWOOD VERTICAL BATTENS

#### FINISHES

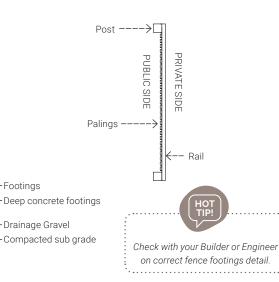
- All timber to be hardwood, recommended grade F14, durability Class 1
- Any timber in contact with ground to be H4 treated minimum
- Vertical battens to be dressed all round
- 2 coats of intergrain ultradeck (natural) minimum standard



#### FENCE TYPE A EXAMPLE



#### Plan view



#### Specifications:

- Posts
- Spacing nominal 1.5 metres
- Corner posts/End posts 100x100

Retaining walls to be constructed by

Mirvac have been designed to allow these fences to be attached using cleats. Speak to the Sales Team or refer to the **Building** @ Everleigh Portal for further detail.

- Intermediate posts 100x75
- Height 1.8m above finished level

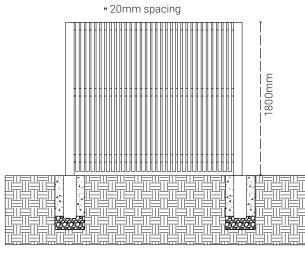
#### Rails

- 3 required
- 90 x 40

#### Palings

- 20 x 40
- 20mm gap (minimum) between palings

#### Front View



Side view

1800mm

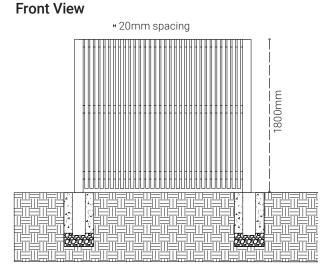
# **FEATURE FENCE TYPE B** – ROUGH SAWN HARDWOOD VERTICAL BATTENS

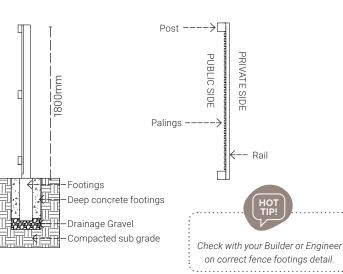
#### FINISHES

- All timber to be hardwood, recommended grade F14, durability Class 1
- Any timber in contact with ground to be H4 treated minimum
- Arris all exposed edges (5mm)
- Mechanical wire brush palings
- 2 coats of intergrain ultradeck (natural) minimum standard



#### Side view





#### FENCE TYPE B EXAMPLE

Plan view



Retaining walls to be constructed by



#### Specifications:

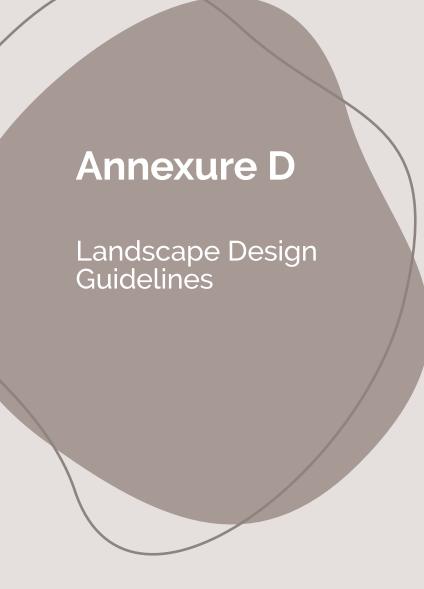
- Posts
- Spacing nominal 1.5 metres
- Corner posts/End posts 100x100
- Intermediate posts 100x75
- Height 1.8m above finished level

#### Rails

- 3 required
- 90 x 40

#### Palings

- 20 x 40
- 20mm gap (minimum) between palings



# Everleigh Landscape Design Guidelines

### The following planting plans present typical garden layouts.

Plans require customisation to suit the unique site conditions.

Designs must meet requirements outlined in the Part 2: Architectural and Landscape Design Standards of the Everleigh Residential Design Standards & Guidelines.

Refer to the plant palette for recommended species list.

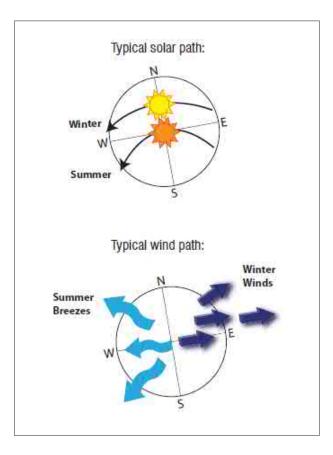
Be sure to seek advice from your engineer for any retaining walls or fencing requirements.

HOT TIP

### General Landscape Design Notes

Give consideration to the following:

- Protect and enhance favourable existing views and vistas through considerate placement of trees and shrubs
- Locate trees and shrubs to provide adequate privacy between
   neighbours and the public realm
- Provide a balance of sun penetration, shading and wind screening
- Consider the location of windows and the mature heights of shrubs when planting around the house perimeter to preserve views into the garden and prevent overshading of the interior
- Consider service locations and potential conflicts with trees
- · Provide safe and comfortable access to gates and doorways
- Ensure pathways and pavements are stable, even and non-slip in all weather conditions with adequate crossfalls to prevent ponding of water
- Do not plant spiky plants next to pathways
- Maintain adequate sightlines for drivers and pedestrians in the vicinity of driveways and ensure plants with a mature height of under 500mm are chosen for ciritical locations
- Manage site water to ensure stormwater runs off away from buildings and waterlogging is minimised
- Consider the site's aspect and predict the amount of sun and shade plants will likely receive when selecting species from the plant palette



Landscape Design Guidelines

Everleig

#### LANDSCAPE PLAN: TYPICAL LOT - BUILT TO BOUNDARY



Low-medium shrubs

Ground cover / grasses

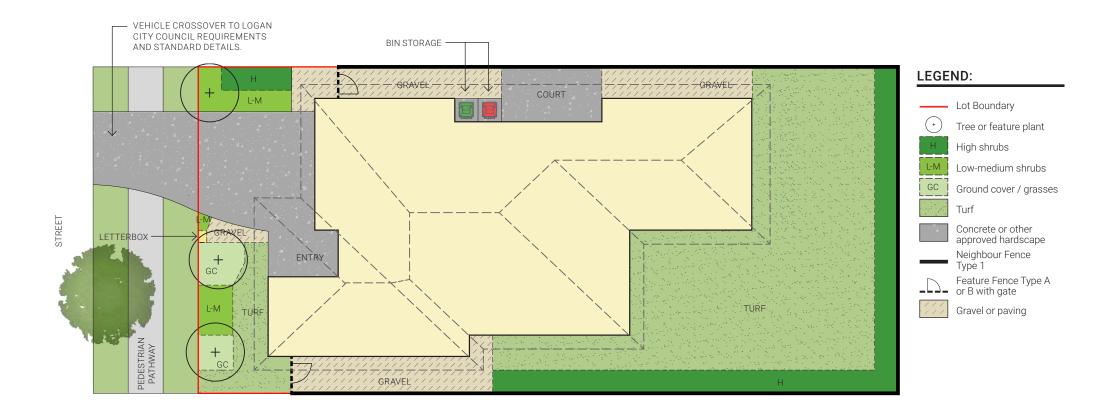
Gravel or paving

GC



Landscape Design Guidelines

#### LANDSCAPE PLAN: TYPICAL LOT - NOT BUILT TO BOUNDARY





#### LANDSCAPE PLAN: TYPICAL LOT - CORNER LOT



### PROPOSED PLANTING GUIDELINE: TREES

(+) Tree or feature plant

	PLANT SPECIES		SIZE		LIGHT REQUIREMENTS			WILDLI	FE ATTRA	ACTING		ENANCE REQUIRE			FLOV	VERS		STYLE			
	Scientific Name	Common Name	Height x Spread at Maturity (m)	MIN. SUPPLY Size	Full Sun	Part Sun	Full Shade	Birds	Butterfly	Bees/Insects	Prune for Hedge	Drought Tolerant	Moist Soil – Well Mulched	Spring	Summer	Autumn	Winter	Native	Tropical	Traditional	
1	Atractocarpus fitzalanii	Native Gardenia	8m x 3m	100L	Х	х		Х	Х	Х	х		Х	Х					х	Х	
2	Buckinghamia c	Ivory Curl	8m x 3m	100L	х	х		х	х	х		х			х			Х	х		
3	Callistemon White Anzac'	Bottlebrush	0.5-1.5m x 05-3m	100L	х	Х		х	Х	Х				Х	х			Х			
4	Corymbia Summer Red'	Flowering Gum	3-5m x 3-4m	100L	х	Х		х	Х	Х		Х			х			Х		Х	
5	Cupaniopsis anacardioides	Tuckeroo	5-8m X 5-7m	100L	х	Х		х				Х		Х		Х			х		
6	Grevillea baileyana	Brown Silk Oak	5-10m x 3-4m	100L	х	Х		х		Х		Х			х			Х			
7	Grevillea Honey Gem'	Honey Gem	5m x 3m	100L	Х			х				Х		Х			Х	Х			
8	Grevillea 'Robyn G	Grevillea	1-1.5m x 0.5-1.5m	100L	Х	х		х	Х	х		Х		Х			х	Х			
9	Lophostemon confertus	Queensland Brush Box	10-25m x 5-15m	100L				Х	х	х		х		Х	х			Х		х	
10	Michelia figo	Port Wine agnolia	2.5m x 1.5m	100L	Х	Х					Х	Х	Х	Х	Х				Х	Х	
11	Magnolia grandiflora 'Little Gem'	Magnolia 'Little Gem'	4-5m x 2-3m	100L	х	х		х		х			х		х	х				х	
12	Melaleuca bracteata	Honey Myrtle	3-4m x 1.5-2m	100L	Х	х		х	Х	х		х			х			Х		Х	
13	Melaleuca leucadendra	Weeping Paperbark	10-14m x 8-10m	100L	Х			Х				Х		Х	Х			Х			
14	Peltophorum pterocarpum	Yellow Poinciana	8-15m x 5-10m	100L	Х	х			Х	Х		Х		Х	Х					х	
15	Tristaniopsis laurina	Water Gum	5-8m x 5-10m	100L	Х			х	Х	Х		Х		Х	Х					Х	
16	Waterhousea floribunda	Weeping Lilli Pilli	4-5m X 2-3m	100L	х	Х		Х			х				Х					х	



#### PLANTING PALETTE: TREES



### PROPOSED PLANTING GUIDELINE: FEATURE PLANTS (INCLUDING VINES & CLIMBERS)

(+) Tree or feature plant

	PLANT SF	PECIES	SIZE		LIGHT REQUIREMENTS				FE ATTRA	ACTING	MAINTENANCE TIPS & WATER REQUIREMENTS				FLOV	VERS		STYLE		
	Scientific Name	Common Name	Height x Spread at Maturity (m)	MIN. SUPPLY SIZE	Full Sun	Part Sun	Full Shade	Birds	Butterfly	Bees/Insects	Prune for Hedge	Drought Tolerant	Moist Soil – Well Mulched	Spring	Summer	Autumn	Winter	Native	Tropical	Traditional
	Alcantarea extensa	White Empress	1.5m x 1.5M	140mm	Х	Х						Х	х						Х	
	Doryanthes excelsa	Gymea lily	2-4m x 2-3m	140mm	Х			Х	Х	Х		х		Х	Х				Х	х
	Furcraea Foetida 'Variegata'	Mauritius Hemp	1.2-1.5m x 1-1.8m	140mm	Х	Х						х	х						Х	
	Pandorea jasminoides	Bower Vine	To 5m	140mm	Х	Х						Х	х					Х		Х
5	Trachelospermum jasminoides	Star Jasmine	5m - 7m	140mm	Х	Х			Х	Х		Х		Х	Х			Х	Х	х
6	Yucca elephantipes	Soft Tipped Yucca	2m x 15m	140mm	Х	Х						х		Х	Х				Х	х
7	Zamia furfuracea	Cardboard Palm	1m x 1.5-2m	140mm	Х	Х						Х							Х	



### PLANTING PALETTE: FEATURE PLANTS (INCLUDING VINES & CLIMBERS)







#### **PROPOSED PLANTING GUIDELINE: LARGE SCREENING PLANTS & HEDGING SHRUBS**

High shrubs

	PLANT S	PECIES	SIZE		LIGHT	REQUIRE	MENTS	WILDLIFE ATTRACTING			MAINTENANCE TIPS & WATER REQUIREMENTS				FLOV	VERS	STYLE			
	Scientific Name	Common Name	Height x Spread at Maturity (m)	MIN. SUPPLY SIZE	Full Sun	Part Sun	Full Shade	Birds	Butterfly	Bees/Insects	Prune for Hedge	Drought Tolerant	Moist Soil – Well Mulched	Spring	Summer	Autumn	Winter	Native	Tropical	Traditional
	Banksia integrifolia	Coastal Banksia	4-15m x 1-6m	140mm	х	х		х						х		х	Х	х		
2	Callistemon 'Captain Cook'	Bottlebrush Captain Cook	2m x 1.5m	140mm														Х		
3	Callistemon viminalis	Weeping Bottlebrush	5-8m x 3-4m	140mm	х	х		Х						x	x			х		
4	Metrosideros thomasii	New Zealand Christmas Bush	4m x 2m	140mm	Х			Х	x	Х	Х	Х		х	Х			Х		х
5	Syzygium 'Resilience'	Lilly Pilly Resilience	5m x 2m	140mm	Х	Х		х	х	Х	х		Х	х				Х		х



#### PLANTING PALETTE: LARGE SCREENING PLANTS & HEDGING SHRUBS





#### **PROPOSED PLANTING GUIDELINE: MEDIUM SCREENING PLANTS & HEDGING SHRUBS**

L-M Low-medium shrubs

	PLANT SPECIES SIZE		SIZE		LIGHT	REQUIRE	MENTS	WILDLI	FE ATTR/	ACTING		ENANCE REQUIRE			FLOV	VERS			STYLE	
	Scientific Name	Common Name	Height x Spread at Maturity (m)	MIN. SUPPLY SIZE	Full Sun	Part Sun	Full Shade	Birds	Butterfly	Bees/Insects	Prune for Hedge	Drought Tolerant	Moist Soil – Well Mulched	Spring	Summer	Autumn	Winter	Native	Tropical	Traditional
1	Alpinia caerulea	Native Ginger	1.5m x 1m	140mm		х		х					х		х			х		
	Babingtonia virgata	Heath Myrtle	2-4m x 2-3m	140mm	Х	Х		Х	Х	Х					Х					Х
3	Banksia robur	Swamp Banksia	2 x 2m	140mm	х			х	х	х			х			х		Х		
	Grevillea rosmarinifolia	Rosemary Grevillea	2m x 2m	140mm	Х	Х		Х				х		Х			Х	Х		
5	Leptospermum 'Cardwell'	Cardwell	2m x 1.5m	140mm	х			Х	х	х		х	Х	Х			Х	Х		Х
6	Melaleuca 'Claret Tops'	Claret Tops	1.5m x 1m	140mm	Х							х						Х		х
7	Strelitzia reginae	Bird of Paradise	1-2m x 1.5m	140mm	х							x		Х	Х	х	Х		х	х
8	Westringia 'Wynyabbie Gem'	Native Rosemary	1.5m x 1.5m	140mm	Х	Х			Х	Х	х	х		Х				Х		х
9	Westringia 'Zena'	Native Rosemary	1m x 1m	140mm	Х	Х			Х	Х	х	х		Х				Х		х
10	Xerochrysum bracteatum	Everlasting Daisy	0.2-0.5m x 0.2-0.5m	140mm	Х	Х			Х	Х		х		Х	Х	х		Х		х



#### PLANTING PALETTE: MEDIUM SCREENING PLANTS & HEDGING SHRUBS





#### PROPOSED PLANTING GUIDELINE: LOW SCREENING PLANTS & HEDGING SHRUBS

L-M Low-medium shrubs

	PLANT SI	PLANT SPECIES SIZE			LIGHT	REQUIREI	MENTS	WILDLIFE ATTRACTING			MAINTENANCE TIPS & WATER REQUIREMENTS			FLOWERS				STYLE		
Sc	cientific Name	Common Name	Height x Spread at Maturity (m)	MIN. SUPPLY SIZE	Full Sun	Part Sun	Full Shade	Birds	Butterfly	Bees/Insects	Prune for Hedge	Drought Tolerant	Moist Soil – Well Mulched	Spring	Summer	Autumn	Winter	Native	Tropical	Traditional
	aeckea virgata a Petite'	La Petite	1m x 1m	140mm	Х	Х			Х	х	х		х		Х			Х		х
	allistemon ittle John'	Little John	1 x 1m	140mm	х			х				х			х	х		Х		х
	yoporum lipticum	Coastal Myoporum	0.5m x 2m	140mm	Х	Х						х		Х	Х			Х		х
	nilodendron anadu'	Xanadu	0.75m x 1m	140mm	Х	Х							Х						Х	
	'estringia uticosa	Coastal Rosemary	2m x 4m	140mm	Х	Х		Х	Х	Х	х	Х		Х	Х			Х		х



#### PLANTING PALETTE: LOW SCREENING PLANTS & HEDGING SHRUBS





#### PROPOSED PLANTING GUIDELINE: GRASSES AND GROUNDCOVER

GC Ground cover / grasses

	PLANT SPECIES SIZE		SIZE		LIGHT	REQUIRE	MENTS	WILDLI	FE ATTRA	ACTING		ENANCE REQUIRE			FLOV	/ERS			STYLE	
	Scientific Name	Common Name	Height x Spread at Maturity (m)	MIN. SUPPLY SIZE	Full Sun	Part Sun	Full Shade	Birds	Butterfly	Bees/Insects	Prune for Hedge	Drought Tolerant	Moist Soil – Well Mulched	Spring	Summer	Autumn	Winter	Native	Tropical	Traditional
1	Brachyscome multifida	Cut Leaf Daisy	0.5m x 0.8m	140mm	Х	Х			Х	Х		Х		Х	Х			Х		Х
2	Casuarina 'Cousin It'	Cousin It	0.15-0.3 x 1.5-3m	140mm	Х	Х						Х		Х	Х					
3	Chrysocephalum apiculatum	Everlasting Buttons	0.3 x 0.5-3m	140mm	Х	Х		Х	Х	Х										
4	Cordyline fruticosa 'Pink Diamond'	Cordyline Pink Diamond	2-3m x 1m	140mm	х	×						х	х						х	
5	Dietes bicolor	Wild Iris	1 x 1m	140mm	Х							Х		Х	Х					Х
6	Dietes grandiflora	Wild Iris	1 x 1m	140mm	х							х		Х	Х					х
7	Gazania rigens	Gazania	0.3 – 0.5m	140mm	х							х		Х	Х			Х		х
8	Grevillea 'Poorinda Royal Mantle'	Grevillea	0.1-0.2m x 3-8m	140mm	х	х		х	х	Х								х		
9	Liriope muscari 'Evergreen Giant'	Liriope Evergreen Giant	0.75 x 0.3m	140mm	Х							Х			Х	Х			Х	х
10	Lomandra hystrix	Slender Mat Rush	1.5m x 1.5m	140mm	Х							Х		Х	Х			Х		
11	Myoporum parvifolium	Creeping Boobialla	0.1-0.5m x 1-3m	140mm	Х	Х						Х		Х	Х			Х		
12	Russelia equisetiformis	Coral Plant	1m x 4m	140mm	Х	Х		Х	Х			Х							Х	
13	Viola hederacea	Native Violet	0.15 x 0.2m	140mm		Х	Х					Х	х	Х				Х	Х	х



### PLANTING PALETTE: GRASSES AND GROUNDCOVER





# Annexure E

Retaining Wall Fact Sheet & WRB Retaining Wall Warranty

## Everleigh

# Retaining Wall Fact Sheet and Owner Obligations

The Everleigh team have carefully considered and prepared your land during the civil works to ensure the best outcome for your future build. This fact sheet outlines some key ongoing owner obligations to ensure that your retaining walls are well maintained throughout the life of the property.

### When designing retaining walls, Mirvac prefer the use of either:

- Boulders, stone or masonry, usually for areas facing the street areas to maximise street appeal, or
- Concrete sleeper panel walls to minimise the impact the structure has on useable land and to reduce maintenance costs because of the robust nature of concrete.

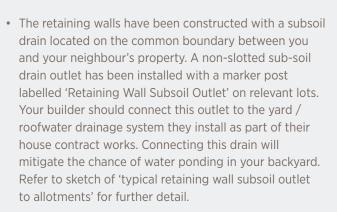
As these retaining walls are contained within private property the land owner owns them and has a responsibility to monitor and maintain the retaining walls. At Everleigh, retaining walls between private lots are located on the common boundary, and hence adjoining landowners share a responsibility to maintain the wall. The following information is provided to assist all homeowners and their builders.

#### The retaining walls have been designed in accordance with:

- All relevant Australian Standards
- Applicable Logan City Council approvals
- A 5kPa surcharge loading above the retaining wall
- Maximum 1 in 10 back slope above concrete sleeper retaining wall
- Existing site soil properties

In order to avoid adversely affecting the structural integrity of the retaining wall, each land owner has a responsibility to ensure the following (including making builders or tenants aware):

- That works adjacent to the retaining wall structure complies with the design parameters noted above
- That no open excavations, alterations or modifications are permitted within the zone of influence without Engineering assessment. Refer to sketch for definition of 'zone of influence'
- That no structures or trees are installed within the zone of influence (both above and below the retaining wall) without Engineering assessment
- Water is not permitted to pond within the zone of influence above or below the wall
- Any site works within any individual allotment must not disrupt the wall drainage including limiting discharge from the retaining wall



- No machinery is to be used above the retaining wall where it would result in a load more than the 5kPa limit noted above as this may cause deformation of the wall components
- The wall height is not to be raised by any method, including bolting on or constructing an additional retaining wall above, without obtaining an engineering assessment of the effects on the wall

Installation of a solid 1.8m boundary fence on or adjacent to the wall (depending on boundary location and/or agreement with neighbour) is acceptable provided the consideration given to the items raised above. As with all fences, design and construction of the fence is the owner's responsibility.



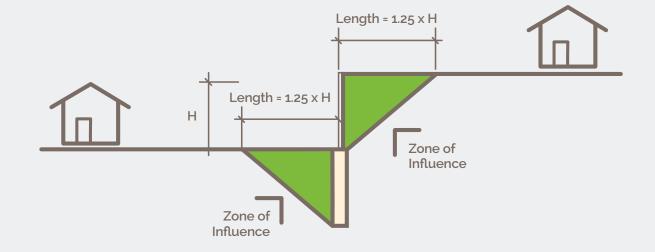
## **Zone of Influence**

The following information is provided as a general guide. If you are unsure you should consult with a suitably qualified engineer to confirm the actual extent of the zone of influence.

For example, if the wall height (H) is 1.6m then:

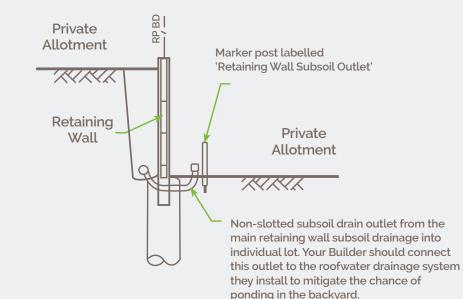
For the Lower Lot the Zone of Influence extends from the base of the wall for H x 1.25 or  $1.6m \times 1.25 = 2m$ 

**For the Upper Lot** the Zone of Influence extends from the base of the wall for H x 1.25 or  $1.6m \times 1.25 = 2m$ 



## Typical Retaining Wall Subsoil Outlet on Relevant Low Side Allotments

Installed in the rear corner of relevant allotments located on the low side of a retaining wall.







Visit the sales office open daily 10am – 5pm 146 Teviot Road, Greenbank Call 07 3859 5960 or visit everleigh.mirvac.com



### **Product Warranty**

TO: Warranty Holder

#### **Retaining Wall Warranty**

WRB Group Holdings Pty Ltd (QBCC Licence No. 15065209) ABN 47 620 599 377 (WRB) warrants that if the structural integrity of the retaining wall supplied and installed by WRB for the Project, fails as a direct result of it not having been reasonably fit for its purpose at the time of its installation, WRB will for the term of 15 years commencing from the Installation Date, repair the retaining wall or compensate the Warranty Holder in accordance with the following terms and conditions:

#### Subject Retaining Walls

This warranty is provided only for retaining walls constructed by WRB in accordance with records maintained by WRB. Details for retaining walls constructed by WRB on a specific lot can be obtained from WRB on request by a Warranty Holder. The retaining wall warranty does not extend to cover any liability, loss or damage, consequential or otherwise however suffered or incurred as a direct or indirect result of the supply or installation of the retaining wall by WRB. This product warranty is in addition to other rights and remedies under the consumer law (see additional benefit).

#### <u>Claim</u>

You must make a claim under this product warranty within 3 months of becoming aware, or when you should reasonably have become aware, of the failure in the structural integrity of the retaining wall by providing WRB with written details of:

- (a) the failure sufficient to enable WRB to assess the claim;
- (b) the name of the estate, lot number and street address where the failure occurred; and
- (c) your name, street address, email address, daytime telephone number and interest in the land,

by email to admin@wrbconstruction.com.au or post to PO Box 4411, Gumdale QLD 4154.

#### Assessment

WRB will assess your claim within a reasonable time, and give you written notice of WRB's assessment of your claim.

If in assessing your claim, WRB requires you to make the retaining wall available for inspection, you will make it available for inspection by WRB within a reasonable time.

07 3890 2811

wrbconstruction.com.au

84 INGLESTON ROAD WAKERLEY, QLD 4154

admin@wrbconstruction.com.au



If WRB assesses that failure in the structural integrity of the retaining wall has occurred as a direct result of it not having been reasonably fit for its intended purpose at the time of its installation, WRB will take one of the following actions (the election of which will be made by WRB in WRB's absolute discretion) within 28 days after giving you written notice of WRB's assessment of your claim:

(a) repair the retaining wall; or

(b) compensate you for the reasonable cost to repair the retaining wall.

#### **Exclusions & Limitations**

WRB will not have any liability to you under this product warranty if:

(a) the retaining wall is altered, modified or damaged by any person, thing or weather event outside of the Design Scope after the Installation Date.

(b) the retaining wall is not reasonably maintained, and failure of the retaining wall is accelerated as a result. To avoid any doubt, the Warranty Holder's obligations include but are not limited to ensuring that:

- no open excavations, alterations or modifications are permitted within the zone of influence without Engineering assessment in writing.
- no structures or trees are installed within the zone of influence (both above and below the retaining wall) without Engineering assessment in writing
- water is not permitted to pond within the zone of influence above or below the wall
- any site works within any individual allotment must not disrupt the wall drainage including limiting discharge from the retaining wall
- no machinery is to be used above the retaining wall where it would result in a load more than the 5kPa as this may cause deformation of the wall components
- the wall height is not to be raised by any method, including bolting on or constructing an additional retaining wall above, without obtaining an Engineering assessment of the effects on the wall (noting that installation of a solid 1.8m boundary fence on or adjacent to the wall (depending on boundary location and/or agreement with neighbour) is acceptable provided consideration is given to the items raised above).

#### (c) you are not the Warranty Holder;

(d) you fail to make a claim under this product warranty strictly within 3 months of becoming aware, or when you should reasonably have become aware, of the failure in the structural integrity of the retaining wall.

Transfer of warranty

6 07 3890 2811

wrbconstruction.com.au

admin@wrbconstruction.com.au



The benefit of this warranty may be transferred to a new land owner if the property is sold subject to:

- The Warranty Holder making a written request to WRB; and
- WRB agreeing in writing to transfer the benefit of the warranty (acting reasonably).

#### Additional Benefit

The benefits provided to you under this product warranty are in addition to other rights and remedies, including any right or remedy under the Australian Consumer Law, you may have at law, in equity or under statute.

#### **Definitions**

Developer means Mirvac Queensland Pty Limited

Warranty Holder means the lawful owner of the land where the owner:

- is the Developer;
- is the first transferee when the Developer transfers ownership of the land <u>(subject to</u> <u>the first transferee registering the warranty with WRB within 3 months of transfer of</u> <u>the land</u>; or
- has WRB's written confirmation that the warranty has been validly transferred to them.

**Installation Date** *means* the date on which the relevant Form 16 is signed. **Zone of Influence** *means* the area adjacent to the retaining wall within which any changes to ground conditions may have an impact on the performance of the retaining wall. **Design Scope** means the codes which are outlined in the Form 15 to identify how the retaining wall has been designed.

**Project** *means* the Everleigh subdivision development undertaken by the Developer at Teviot Road, Greenbank in the State of Queensland.



wrbconstruction.com.au

admin@wrbconstruction.com.au

# Everleigh

Residential Design Standards and Guidelines Precinct 1.5B "Greenway Release"

#### REVISIONS SCHEDULE

REVISION	DATE	CHANGES MADE
A	17.07.2020	First Copy