



The rise of the 'pre-designed home' is resulting in houses that can be cheaper to build, but more expensive to live in over a longer period. These houses can also be less private and have little to no yard space for children to play or for outdoor entertaining.

Whilst 'pre-designed homes' can exhibit good internal layouts and design features, not all 'pre-designed homes' are suited to every block's direction, size, shape, slope, breezes, and consider your neighbour's house from a privacy perspective.

However, with some small, simple tweaks a standard 'pre-designed home' can become 'your home'.

You don't always need a customised home, and for many this can be an unaffordable option, but with the help of this guideline you can build a better home -

A HOME THAT'S BETTER FOR YOU AND BETTER FOR THE CITY OF MORETON BAY.

If you are asking yourself the following, then the **Reshaping our Region's Planning** guidelines are for you:

- Is my house designed with my privacy in mind?
- Will my air conditioning and heating costs be very high, or will my windows let in cooling breezes and warming natural light?
- Is there space so I can plant a tree or grow some vegetables?
- Is there enough space for me to have my friends over for a BBQ and where will they park their cars?
- Is the backyard big enough for our child's trampoline and for the dog to run around?
- Will my home be close to shops, cafes, parks, schools and my workplace or will it become expensive to drive my car all the time?

These are great questions to ask your builder or house designer.

Most backyard and outdoor spaces can be designed and completed by you, however, it is recommended to engage licensed contractors and landscape architects and designers to undertake work where necessary. Retaining walls, fences and drainage may require permits and must adhere to regulation.

COVER IMAGE:
'APERTURE HOUSE'
ARCHITECT: BLIGHT RAYNER
PHOTOGRAPHER: COLIN HOCKEY
GARDEN DESIGN + LANDSCAPING: STEVEN CLEGG DESIGN

We respectfully acknowledge the Traditional Country across our City. We also acknowledge and pay our respects to the Kabi Kabi, Jinibara and Turrbal Traditional Custodians, and their elders past, present and emerging.

Reshaping Our Region's Planning Naturehoods: Your Backyard and Outdoos Spaces Guideline Revision 1.1 February 2024

Disclaimer

- This guideline is not a statutory document. It has been prepared as a tool to assist homeowners, designers and developers to improve the design and quality of Next Generation housing in Moreton Bay.
- Images, graphics and other illustrations depicted in this guideline are for demonstration purposes only and are not intended to represent a specific design or existing house.
- The specific circumstances of your chosen home design, lot and personal needs should be considered alongside design principles described in this document.
- 4. Submission of a development application, copying or recreating any design from the examples or illustrations in this guideline does not guarantee approval. Each development application should consider site specific elements and constraints along with street and neighbourhood context. Each application is assessed on individual merit against statutory planning and building assessment provisions.



THE MORETON BAY CLIMATE

The City of Moreton Bay is located in the "humid subtropical zone". Our subtropical climate means that we experience hot and humid summers, mild winters, and plenty of sun all year round.

Our climate allows us to spend a lot of time outdoors comfortably, which means we can have more access to nature, water and green plant life.

You can design your house to make the most of the natural daylight, cooling breezes and the dappled shade of native trees and shrubs, allowing you to make the most of the beautiful City we live in.

STAY COOL

Neighbourhoods with trees and shrubs are proven to be cooler. You can contribute to the local climate of your suburb by keeping existing large trees, planting new trees and shrubs, and minimising concrete and hard pavement.

All trees and shrubs contribute to the cooling of your home and neighbourhood. Street trees also have great benefits.

- They slow down cars on your street (1).
- They improve air quality (2).
- They can increase the resale value of your home (3, 4)
- They shade people when they walk, creating a comfortable environment.

Look after your street tree to get the benefits.



YOUR BACKYARD CAN BE THE PRIDE OF YOUR HOME.

Somewhere you can sit in quiet and reflect under a tree, a place of beauty, a place of child-like adventure, a place to share outdoor meals, a place to connect to nature...

Spending time outside has been proven to help with your mental health. Creating a useable and loveable backyard area encourages occupants to spend more time outdoors, reducing air conditioning and internal lighting costs.

^{1.} Eisenman, T. Coleman, A, LaBombard, G 2021 'Street Trees for Bicyclists, Pedestrians, and Vehicle Drivers: A Systematic Multimodal Review' Urban Sci. vol 5 no 56, doi: 10.3390

^{2.} Moore, G 2020 'It Isn't Rocket Science: Street Trees Can Make a Difference in Climate Change', TREENET Proceedings of the 22nd National Street Tree Symposium 2021, University of Melbourne

Rowe, K. Gobbett, D. Johnson, T. 2020 'Putting a Dollar Value on Urban Forest Benefits', TREENET Proceedings of the 22nd National Street Tree Symposium 2021

Plant, L., Rambaldi, A., and Sipe, N 2016 'Property value returns on investment in street trees: a business case for collaborative investment in Brisbane', Australia. University of Queensland.

TIPS FOR DESIGNING YOUR BACKYARD

1 WHERE TO START?

Start by writing down all of the possible uses, activities and goals you would like to accommodate in your backyard, now and in the future. Would you like a trampoline for your children or grass to kick a ball? Do you need space for your pets? What about outdoor entertaining or a shed for storage? Where should your clothes line go? Would you like to be more sustainable and self-sufficient?

Draw up a rough plan to help work out whether everything will fit and if it's in the right place.

HERE COMES THE SUN ... da da da da ...

Get to know where the sun is in your backyard. Plan for your veggie patch in the sun. Think about shading trees and shrubs on the Western side of your backyard to shade from the hot afternoon sun. Facing North is the best orientation for outdoor entertainment spaces.

For more tips on orienting your home and living spaces read Reshaping Our Region's Planning: Your Climate Smart Living Guideline and Your Next Generation Home Guideline.

THIS IS (SUBTROPICAL) LIVIN'

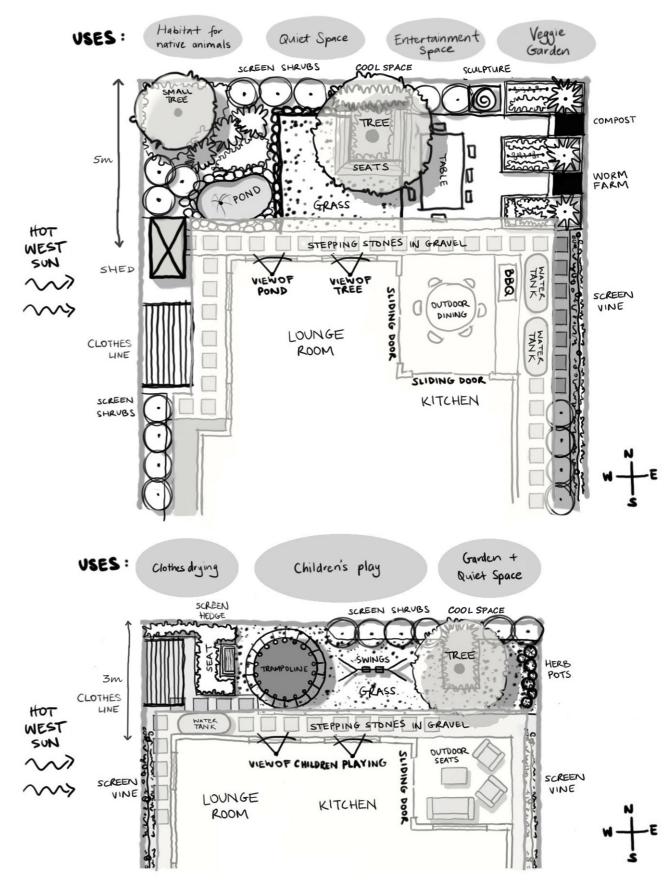
Create outdoor entertainment spaces such as patios, alfresco areas and outdoor kitchens that feel like an extension of your home and are easy to walk to from your back door. They're great entertaining spaces. Insulating your patio roof, including a fan and providing shelter from the sun and rain will help you enjoy Moreton Bay's comfortable climate all year round. Vegetation, trees and grass will also contribute to the cooling of your outdoor area and home reducing your air conditioning costs.

Outdoor kitchen

CREATING CONNECTIONS

Dividing up the garden into different sections can actually make the space feel bigger. Once you've planned for all of your uses and activities, consider how to move between these spaces by creating connections and paths. Don't forget to think about how you move between your laundry and clothes line. Pathway connections can also help people who are not as mobile move around safely in your backyard.







BACKYARD

PLANTING SUGGESTIONS

COASTAL

URBAN

HINTERLAND

SMALL

GROUND COVER, FLOWER OR VINE



Groundcover with bright golden flowers. Can be clipped to a low hedge or in a pot.



Add some pops of colour with this low spreading plant. It is happy near rocks or as a pot plant or in a hanging basket.



Screening vine or a groundcover with fragrant flowers. It can have invasive roots, so consider your neighbours when planting.

MEDIUM

SCREENING SHRUB OR BUSH



Great small screen tree that attracts birds and bees.



One of 300+ species of hibiscus. Tall, fast-growing shrub that can be pruned into a smaller shape. Very showy pink flowers.



Fast-growing shrub or tree that birds love. Striking silver foliage with yellow fluffy flowers. Great bee attractor.

LARGE

TREE



Low maintenance tree that can be grown in sandy soils.



Fast growing tree or shrub that can be trimmed into a hedge. Also good for screening.



A good shade tree that can be grown in full sun or light shade.

2

ASK YOUR LOCAL NURSERY AND LANDSCAPE SUPPLIER

Think about the soil conditions and amount of light and water required for different types of plants in your garden. You can speak to your local plant or community nursery to help identify the plants that will grow best in your conditions. Work with a reputable landscaper and use a good landscape supply yard to make sure you get good soil.

Note: Plants may have a variety of common names, check the scientific names with your local plant or community nursery.



TIPS FOR DESIGNING YOUR FRONT YARD

WELCOME HOME

Create a welcoming experience with a pathway to your front door. Wheelchair and pram accessible pathways will make sure everyone can visit. A shade tree means you can talk to guests in the shade; a front porch is great space to shelter in poor weather, and provides somewhere for deliveries.

MORE THAN A LAWN

Your front yard space can be more than just a lawn. Consider whether you need a lawn at all! Garden beds, trees, and sculptures are great front yard ideas. You could even start a veggie garden on your front lawn. You'd be surprised how much a veggie garden can be a talking point between you and your neighbours.

YOUR VIEW TO THE STREET

Stand inside your home and look out through windows and doors. Design your garden and outdoor spaces to create beautiful views to look at. You can also consider screening your front windows with shrubs and trees, so that you can look out and see people approaching your home, but it's harder for people to see in.

YOU CAN CREATE A GREAT FIRST IMPRESSION OF YOUR HOME WITH YOUR FRONT YARD.

Your front yard can do more than 'wow', it can be a useful space. Spending time in your front yard is a great way to meet your neighbours and interact with the street.



FRIENDLY FENCES

A low front fence, with plenty of space between palings (like a traditional white picket fence), can actually make your front yard more useable and can let breezes through. Creating a boundary between you and the verge means that your front yard will feel more like "your space". It can also make the space useable for children to play safely.

SCREENING

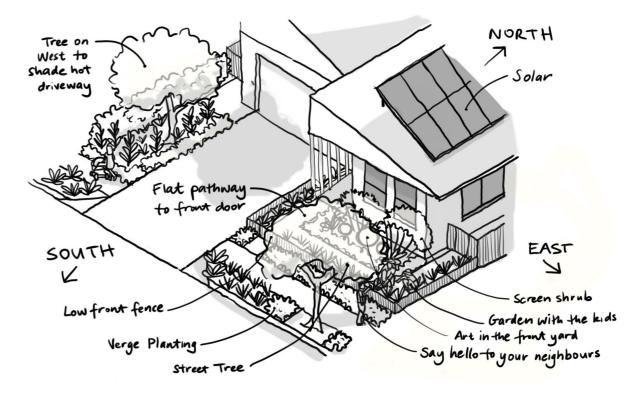
Plan a screened spot behind the main building line and out of view from the street to hide bins, power boxes and air conditioning condensers. You could screen these items using a fence and planting or other forms of cover.

6 EXTEND YOUR GARDEN

Did you know that in the Moreton Bay you can plant in the Council verge? The verge is the space between your front property boundary and the street. Generally, this space is grassed and may have a street tree. You need to maintain this space, but it doesn't have to be grass. You can apply to plant in this area. Search "Verge Garden" on Council's website.



A FUNCTIONAL AND FASHIONABLE FRONT YARD



SMART IDEA

On sloping blocks, use split level garden beds to reduce the need for a retaining wall and create a prominent planted area.



OUR SMAL

FRONT YARD

PLANTING SUGGESTIONS

COASTAL

URBAN

HINTERLAND

SMALL

GROUND COVER, FLOWER OR



Shrub that can be pruned into a short hedge. It can be grown from cuttings. Although it is a 'rosemary' it's not for cooking



Grow purple berries which are safe to eat. Ideally to be planted near rocks, as an edge and in large numbers.



Screening vine or a groundcover with fragrant flowers. It can have invasive roots, so consider your neighbours when planting.

MEDIUM

SCREENING SHRUB OR BUSH



Small very hardy dwarf banksia, grows to 1m high and wide. Covered in candle like flowers, comes in red, orange or yellow.



Compact shrub that flowers all year round. Makes a great feature plant or a screening plant. Can be grown in pots.



A sub-tropical plant that grows in full sun or part shade. Striking colourful red berries red and pink colours make it stand out in garden of green.

LARGE

TREE



Often used as street trees, this native tree is sea spray tolerant.



Small growing native tree with leaves that release a strong lemon scent, abundant creamy white flowers which are loved by butterflies.



Slow growing, narrow tree with attractive glossy dense foliage and bronze new growth.

PLANT FOR IMPACT



YOUR HOME MAY **ONLY HAVE A SMALL YARD OR COURTYARD**

it may have a narrow area between your house and your neighbour. These spaces may be small, but they can be mighty. You might be surprised at how functional and beautiful they can be.

TIPS FOR DESIGNING YOUR SMALL OUTDOOR

SPACES

WORK WITH WHAT YOU'VE GOT

If space is limited, making your outdoor areas practical is even more important! But you don't need to compromise between entertainment space and green space. You can create narrow planting areas with vertical gardens and use pots to move plants around your patio or backyard or between rental houses.

GROW UP

You can turn your retaining walls and fences into green spaces through 'vertical gardening'. For affordable options, you can use vines on a trellis or wire and other hanging plants to add greenery to blank walls. Vertical gardening systems can also be purchased or made to attach plants to create lush green

'ALBANY CREEK GARDEN' **PORTER DESIGNS**

SAVE THE SIDE YARD

Turn your side yards into functional spaces by planting screening vegetation for privacy, to cool your home or shelter from wind. Don't forget to keep space clear for your wheelie bin, mower, wheelbarrow, wheelchair and for emergency access. Your side yards may also be used for your hot water system, electrical switch box, solar inverter, battery and air conditioning unit. If you are building a new house consider a services court to house all of these bulky items together.

Tall planting creates a sense of enclosure for a cozy outdoor setting

Pot plants create instant colour and are easy to move

DID YOU KNOW?

You can extend the size of your garden into your home by adding indoor

SMALL GROUND

> COVER, FLOWER OR



planted in groups.

SCREENING SHRUB OR BUSH

MEDIUM



Dwarf palm varieties typically adapt well to moderate or low light. Also commonly grown as an indoor plant.

LARGER

SCREENING



Huge variety of these hardy are drought tolerant and and compact foliage.

PLANTING SUGGESTIONS

COASTAL

YTUR:

Grows in sun or shade. Not

native, but easy to maintain

and drought tolerant. Good

to use on slopes. Looks great

SMALL SPACE



NO-MOW GRASS

No mow grass! It can form into little bumps and look quite sculptural.

HINTERLAND

Colourful and hardy, low groundcover or potted colour Gazanias bloom in vivid shades of red, yellow, orange & purple.



Drought tolerant, shade, part shade, full sun. tolerates most soils. Heights' ranges from 0.5m to 2m. Diverse range of foliage & colours.



Highly fragrant easy to train vine that climbs well on a trellis. Blooms stunning pure white flowers in spring. Good in full sun or part shade.



A good small shade tree that can be grown in full sun or light shade.



SHRUB OR **BUSH**

native trees and shrubs. They range in size. Dazzling flowers

Adaptable plant, tall and slender form. Comes in a green or a white striped leaf. Grows well in pots.

ASK YOUR FRIENDS OR NEIGHBOURS:

If you can take cuttings from their garden. You can grow or propagate many plants from a small cutting or by dividing clumping plants when they need thinning out. Start easy with succulents and then see what else you can grow! This can save you money.

Note: Non-native plant species should be disposed of appropriately by transporting them safely to a waste disposal facility.

TIPS FOR DESIGNING YOUR SMART GARDEN

NO MATTER THE
SIZE OF YOUR
GARDEN YOU
CAN GROW YOUR
OWN FOOD,
COMPOST YOUR
FOOD WASTE, AND
COLLECT WATER.
THINK ABOUT
ADDING SOME
SMART GARDEN
FEATURES.



TIPS FOR DESIGNING YOUR SMART GARDEN

4 COLLECT RAINWATER

Rainwater tanks come in many shapes and sizes allowing you to choose a tank that will suit your storage and water usage needs. Slimline tanks are designed to fit up the side of your house, you can even store water underneath your driveway or patio! Rainwater is ideal to use on the garden due to its high nutrient and mineral composition.

5 SMART IRRIGATION

You can reduce wasted water by fitting water efficient taps and fittings such as drip irrigation and setting timers for watering in the mornings and afternoons to reduce evaporation. You can also water your garden remotely or adjust to specific weather conditions using technology.

6 HARVEST ENERGY FROM THE SUN

Consider adding solar panels to your roof to offset the cost of electricity for your home, especially if you intend to run energy intensive air conditioning units or pool pumps. You can also use solar on a small scale to power garden lights, pond pumps and other small electronics

BE A GOOD NEIGHBOUR

Think about the way water flows in your outdoor spaces. Make sure that it flows away from your neighbour's property and towards the street or into an existing stormwater drain (with approval). Talk to your neighbours if you have any issues, noting that water flow issues between neighbours is not something Council can intervene in.

SMART FROM THE START

When building a new home you have an opportunity to start off smart by considering increasing the size of your stormwater pipes and installing drains in low lying areas to direct water to the street.

Choose solar for power was smart idea

Do not dig unless you know what's underground. There could be pipes and cables. Avoid planting where roots could do damage to these services. Contact your builder for a plan and consider using a service like 'Before you dig Australia'.



Wildlife comes in all shapes and sizes from insects to bird and aquatic life

NO MATTER HOW SMALL YOUR YARD SPACE IS, YOU CAN CONTRIBUTE TO A GREENER NEIGHBOURHOOD - WE CALL THIS A 'NATUREHOOD'.

Not only are naturehoods cooler and greener, they can also improve air quality, promote better mental and physical health, and create homes for all forms of native wildlife. Creating naturehoods starts with your home.





GET REAL TO KEEP IT COOL Real plants and grass are better than plastic, artificial grass makes places hotter. This can be harmful to our pets, wildlife and it takes longer for temperatures to cool during the night. **RESPECT YOUR NEIGHBOURS** Choose the location of your trees and plants so that they don't overhang your neighbour's property or have large invasive roots. Research a tree before you plant it and check its mature size is appropriate for your outdoor spaces. Remember to maintain your garden to reduce fire risk by keeping up watering and pruning branches that are growing too close to your home. **DID YOU KNOW?** local nurseries and community garden groups to find out 'MOOROOKA GARDEN' CLARE JAMES LANDSCAPE DESIGN

PLANTING SUGGESTIONS

COASTAL

CASUARINA

COUSINIT

Great ground cover for large

areas, rockeries and retaining

walls. Very low maintenance

& drought tolerant. Put some

eyes on it and have a laugh.

GROUND COVER, FLOWER OR

MEDIUM

SCREENING

SHRUB OR BUSH

LARGE

TREE

SMALL

BRISBANE **GOLDEN WATTLE**

Dense, soft yellow foliage, can be kept trimmed as a shrub or

grown as a tree.

PANDANUS

Coastal palm-like tree, grows slowly with an interesting aerial root structure. Produces large balls of edible Pandanus fruit.

Beautiful accent tree with large oval glossy leaves and a round habit that grows to 5m. The fruit is sometimes called a Yellow Mangosteen, and is an Aboriginal food source.

HINTERLAND

KANGAROO PAW

Iconic paw shaped flowers come in an outstanding range of red, yellow, green, orange, pink and near-white. Low maintenance but high impact.

FHYME-LEAF HONEY-MYRTLE

URBAN

LOMANDRA

Extremely hardy & attractive

drought tolerant. Will handle

most soil types and moisture

grass plant that is very

levels.

Shrub grown in full sun. Wonderful pink-purple flowers in spring and summer. Bird and bee attracting.

MELALEUCA **CLARET TOPS**

A striking, dwarf shrub producing vibrant red new growth in spring. Small white flowers attracts nectar feeding birds.

LITTLE EVODIA

flowers in summer. Drought tolerant, shady and sunny position.

A sweet treat for parrots! Small tree that grows to 7m with clusters of showy pink

SMART IDEA

for native wildlife. Grevilleas, Banksias, Hakeas, and Eucalyptus trees will

WANT MORE TIPS?

CHECK OUT:

GROW IT LOCAL

Council has partnered with Grow It Local to provide a free platform to learn about growing fresh produce and connect with other local green thumbs.

RETHINK WASTE FACT SHEETS

Council has prepared a number of fact sheets to help you rethink waste and reduce, reuse and recycle. See the Waste Education page on Councils website.



COUNCIL'S ENVIRONMENT CENTRES AND COMMUNITY PLANT NURSERIES

Visit one of our environment centres or community plant nurseries to discover the City's natural ecosystems and learn about local fauna and flora.

- Bribie Island Community Nursery (Bongaree)
- Caboolture Region Environmental Education Centre & Community Nursery (Burpengary)
- Friends of Lagoon Creek Community Nursery (Caboolture)
- Osprey House Environment Centre (Griffin)
- Kumbartcho Sanctuary Environment Centre & Pine Rivers Community Nursery (Eatons Hill)
- Redcliffe Botanic Gardens Community Nursery (Redcliffe)

FIND PROFESSIONALS TO HELP

- Landscape Queensland
- Australian Institute of Landscape Architects
- Landscape Design Instititute
- <u>Master Plumbers Queensland</u>
- Queensland Building & Construction Comission
- Before You Dig Australia
- Nursery & Garden Industry Queensland



Other guidelines in the series are available to download on the Moreton Bay City Council website.

Visit mbrc.link/your-home-and-living

RESHAPING OUR REGION'S PLANNING –
YOUR CLIMATE SMART LIVING GUIDELINE

Council's guide to our local climate containing detailed information about designing for comfort, shade, style, materials and more.

RESHAPING OUR REGION'S PLANNING –
YOUR NEXT GENERATION HOME GUIDELINE

Council's guide to building an affordable home on a block sized under 600m².

RESHAPING OUR REGION'S PLANNING –
YOUR FLOOD SMART BUILDING GUIDELINE

Council's guide to rebuilding your home or building after it has been affected by flood or is located in an area prone to flooding.



For more information please contact Council

moretonbay.qld.gov.au

council@moretonbay.qld.gov.au **Email**

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PO Box 159

Caboolture QLD 4510

The term 'naturehoods' came from students of **Caboolture State School** at a 'Child Friendly Cities Forum' in early 2020. The children were talking about their dream neighbourhood for Caboolture.



City of Moreton Bay 2024

Every effort is made to ensure that the information contained in this guide is correct at the time of printing.

