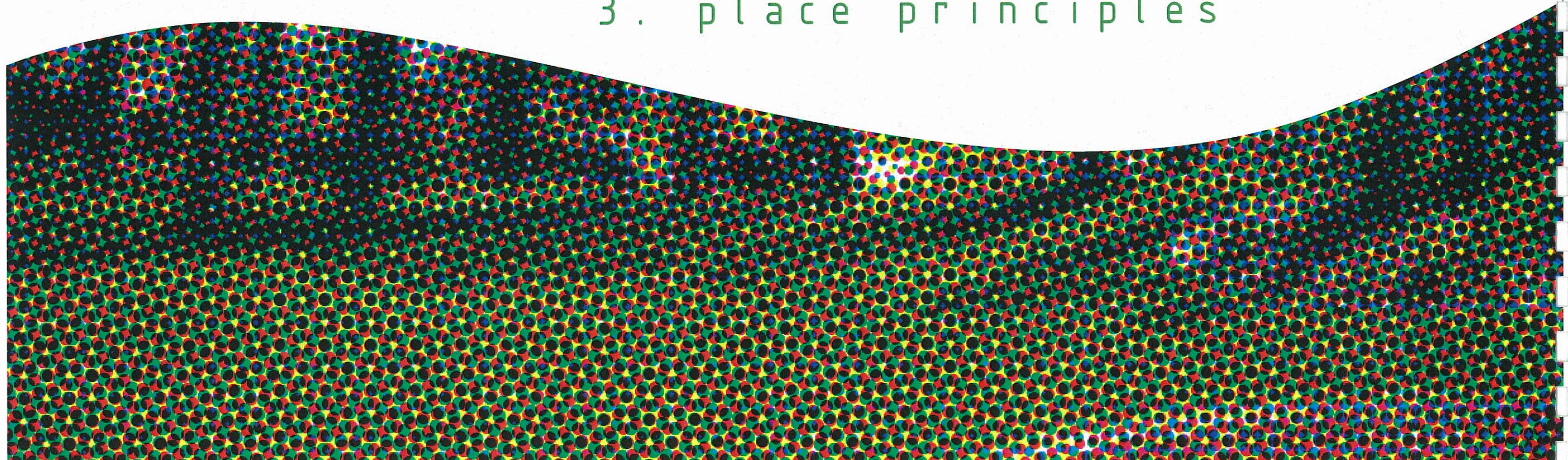




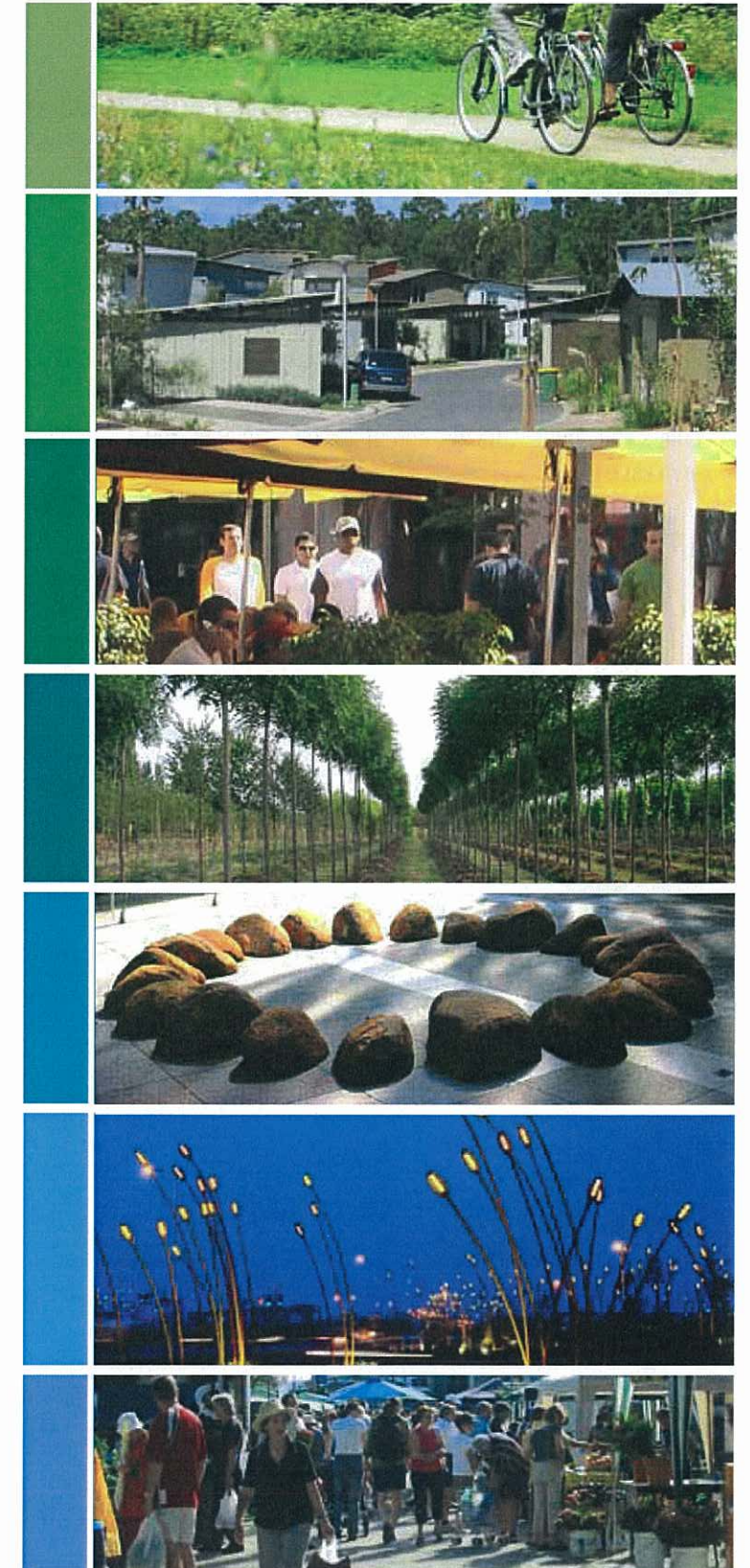
3. place principles



place principles

The eight place principles form the anchor behind the broader place making platforms. These principles provide tangible themes or outcomes that will run throughout the site and across all facets of life at Caloundra South. Open space has a key role to play in their successful delivery.

The following section demonstrates how open space will contribute to the delivery of the place making principles. General design principles are articulated on the first page followed by the demonstrated application of these principles at Caloundra South.



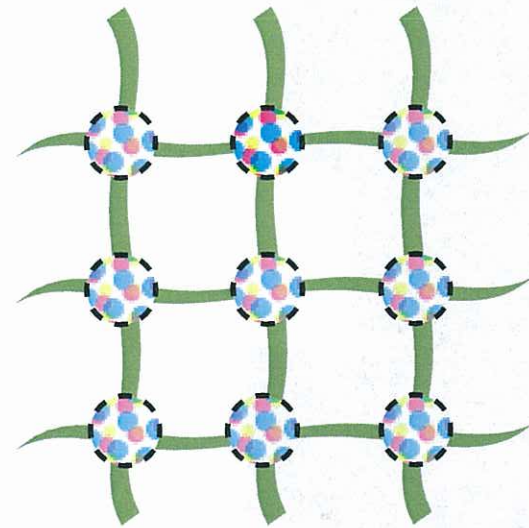
place principles

a 15 minute community

1. Proximity

The open space network forms a green lattice across the site which will directly and seamlessly link urban hubs and signature destinations. A culture of cycling will be embedded in the design and way of life at Caloundra South and ensure that nothing is more than a 15 minute cycle away. All major centres and nodes will have end of trip bike facilities and services.

A Green Lattice



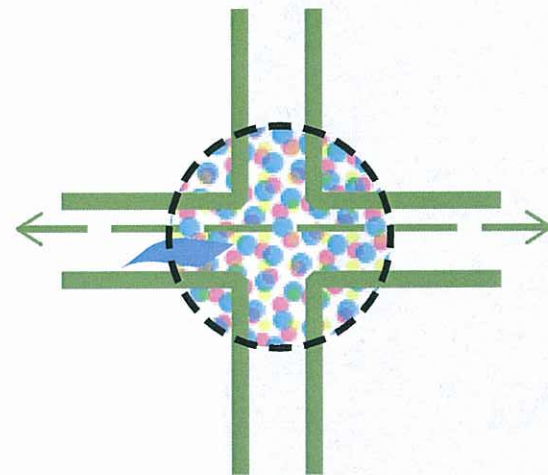
Whenever the lattice crosses it becomes a significant space

2. Connectivity

The linear open space network facilitates the delivery of an off road cycle network that will allow seamless connections between neighbourhoods and key destinations such as district centres, signature open space elements and the town centre.

-  Pedestrian / Cycle Connection
-  Signature space along network
-  Water as a key element to signify crossing
-  Off-road connectivity for cycle ways

Significant Spaces



A significant space can occur at a variety of scales and at varying degrees of detail

15 MIN WALK



15 MIN RUN



15 MIN CYCLE



CONNECT



CALOUNDRA SOUTH



LEGEND

- ● ● ● Off-Road Cycle Trails
- Town Centre

A Green Lattice of Linear Connections

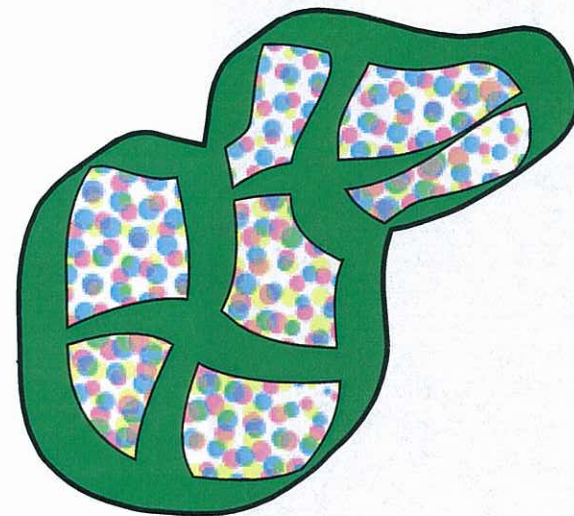


place principles

village life

1. Villages embedded in parkland

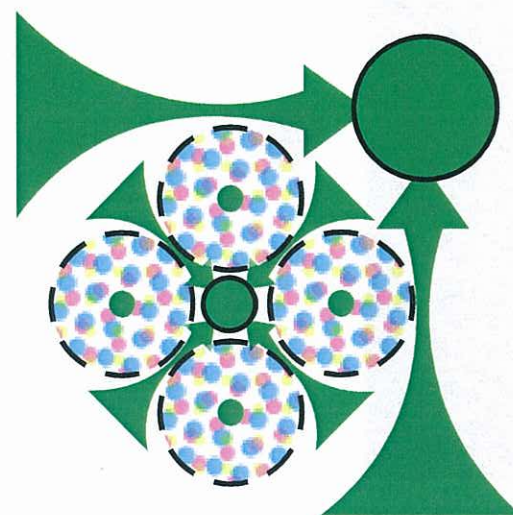
Urban communities have been made to fit around parkland spaces rather than parkland spaces being made to fit into 'left over' space between centres. In this way, open space has the core priority and the villages and localities have been made to fit within it.



2. Open space provides unique character

Materials, finishes and colours within open space areas will provide a unique character and sense of identity to each individual village community. This will provide variety and texture across the site and assist in way finding and legibility. Finishes will relate to the context within which the village sits to ensure that place making initiatives are authentic and appropriate.

-  Residential Villages
-  Regional open space
-  Neighbourhood open space
-  Local open space
-  Open space corridors



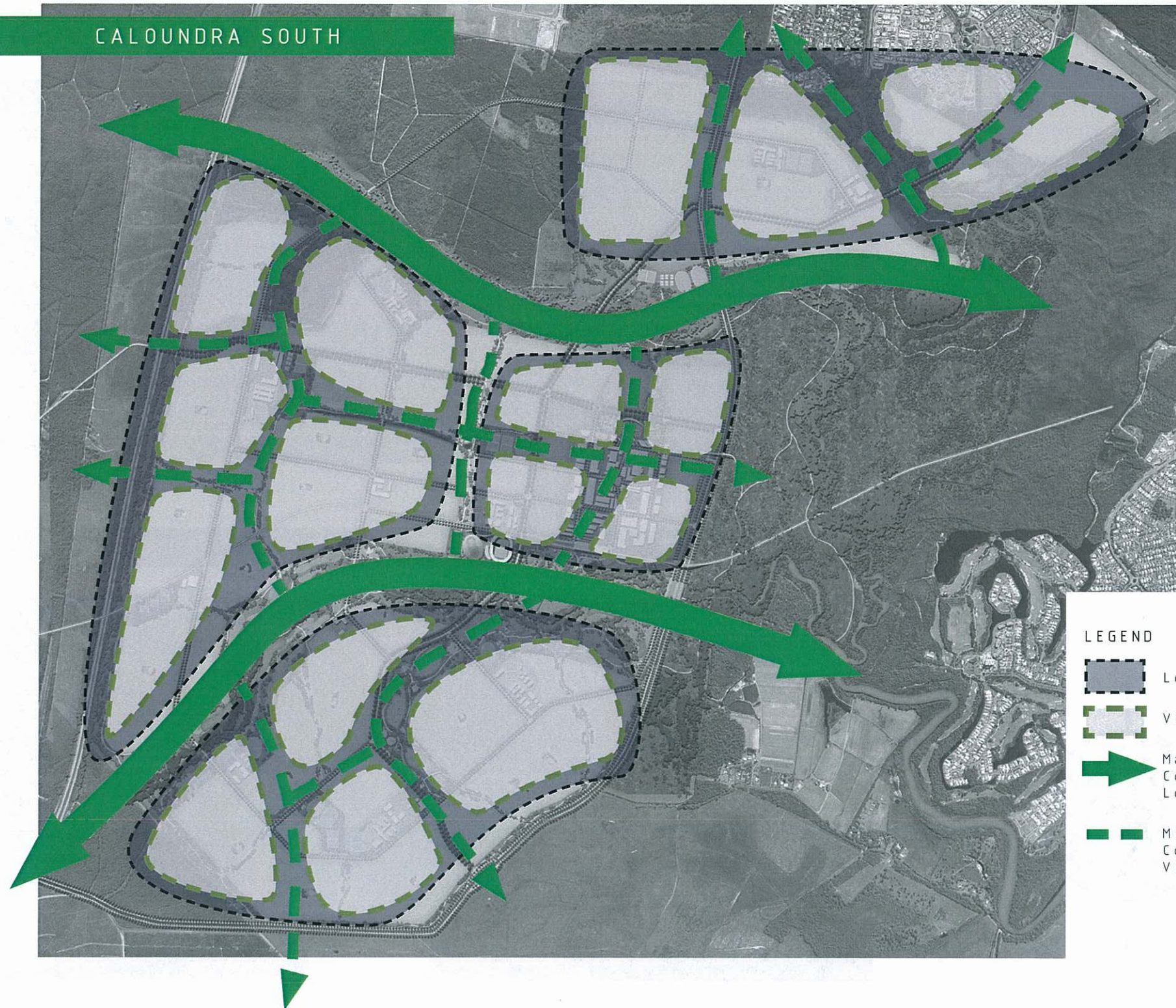
EMBEDDED



UNIQUE CHARACTER

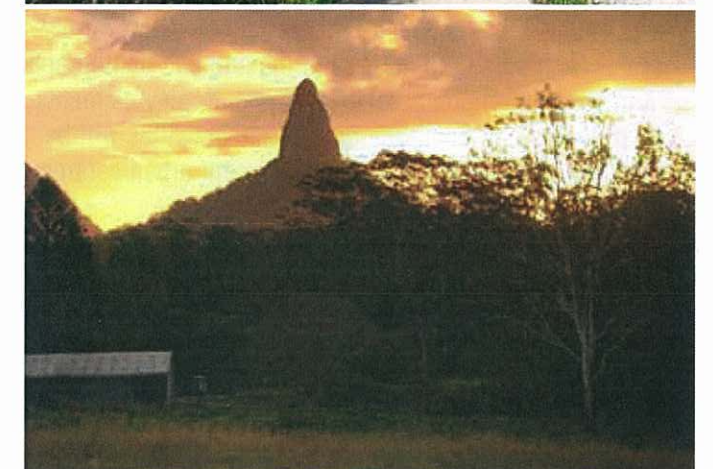


CALOUNDRA SOUTH



LEGEND

-  Localities
-  Villages
-  Major Open Space Corridors between Localities
-  Minor Open Space Corridors between Villages



place principles

a network of community hubs

1. Open space at the heart & as the centrepiece

Open space will be a key component of every community hub. The co-location of educational facilities adjacent open space will foster community interaction and sharing of facilities. Linear networks will be provided between hubs and a main street boulevard element with signature tree planting will provide shade, amenity and enclosure.



2. Play elements as part of the hub

Play elements will also form an important component of every hub. These elements will be provided at a variety of scales, appropriate to the size of the hub and demographic of the surrounding community. Signature play elements focussed on particular age groups and activities will be provided at key destinations and adjacent urban centres.



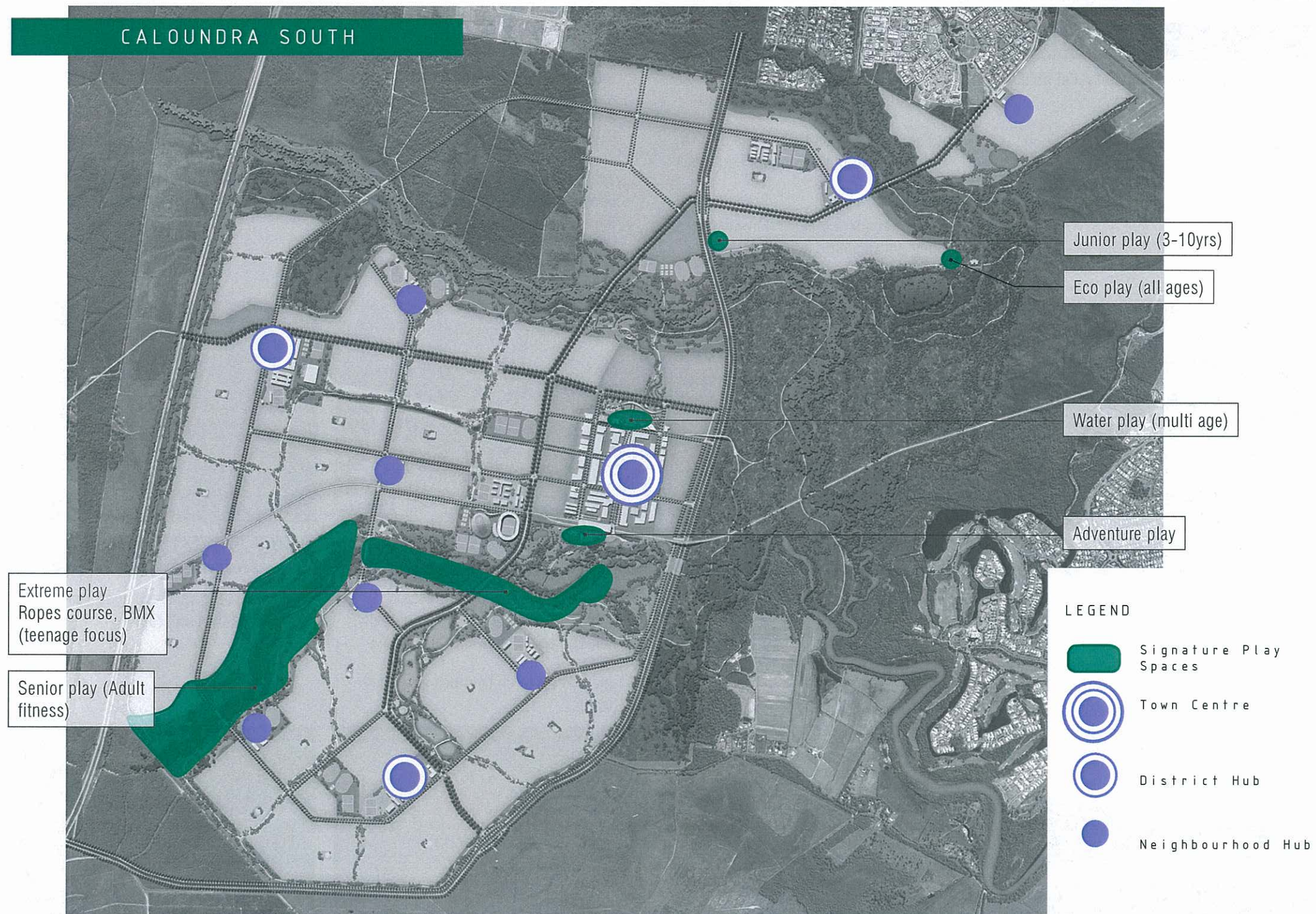
CO-LOCATE SHARE



PLAY



CALOUNDRA SOUTH



environmentally responsible

1. Water Gardens

A tapestry of blue will be provided across the site, aimed at showcasing the use of water in many different ways. By bringing water into all elements of life at Caloundra South, residents will gain an understanding of the water cycle, water treatment techniques and the importance of protecting this wonderful natural asset. Water will also add life and vitality to urban centres and communities.

2. Preserving Natural Values

Caloundra South is founded on the respect for its unique setting and a dedication to celebrating, conserving and rehabilitating the natural assets of the site. Open space elements will demonstrate how we can touch the ground lightly and be in tune with our surrounds.

LIFESTYLE

- investigate lakes as natural relief from built forms
- potential to utilise lakes for detention and aesthetic value
- potential to utilise lakes for passive cooling



HABITAT

- integrate water polishing and remediation through natural systems
- utilise conservation techniques as a key opportunity to put Caloundra South on the map
- create a chain of ephemeral wetlands along conservation corridors



CIVIC

- weave water ribbons into centres/hubs
- utilise water in hardstand areas for passive cooling
- celebrate the Sunshine Coast connection to water with large scale fountain elements
- express artwork in key centres as water elements



ACTIVATOR

- create a signature water play facility
- express educational elements about natural systems through water play
- utilise water as a wayfinding element



CORRIDORS

- connections to the eco sanctuary and education centre
- connections and protection of water way corridors and Pumicestone Passage



VEGETATION

- research and rehabilitate remnant vegetation
- protect the blackbutt forest
- connect remnant vegetation patches



EDUCATION

- create revegetation and research programs that are expressed globally through social networks and media
- provide research facilities at tertiary levels

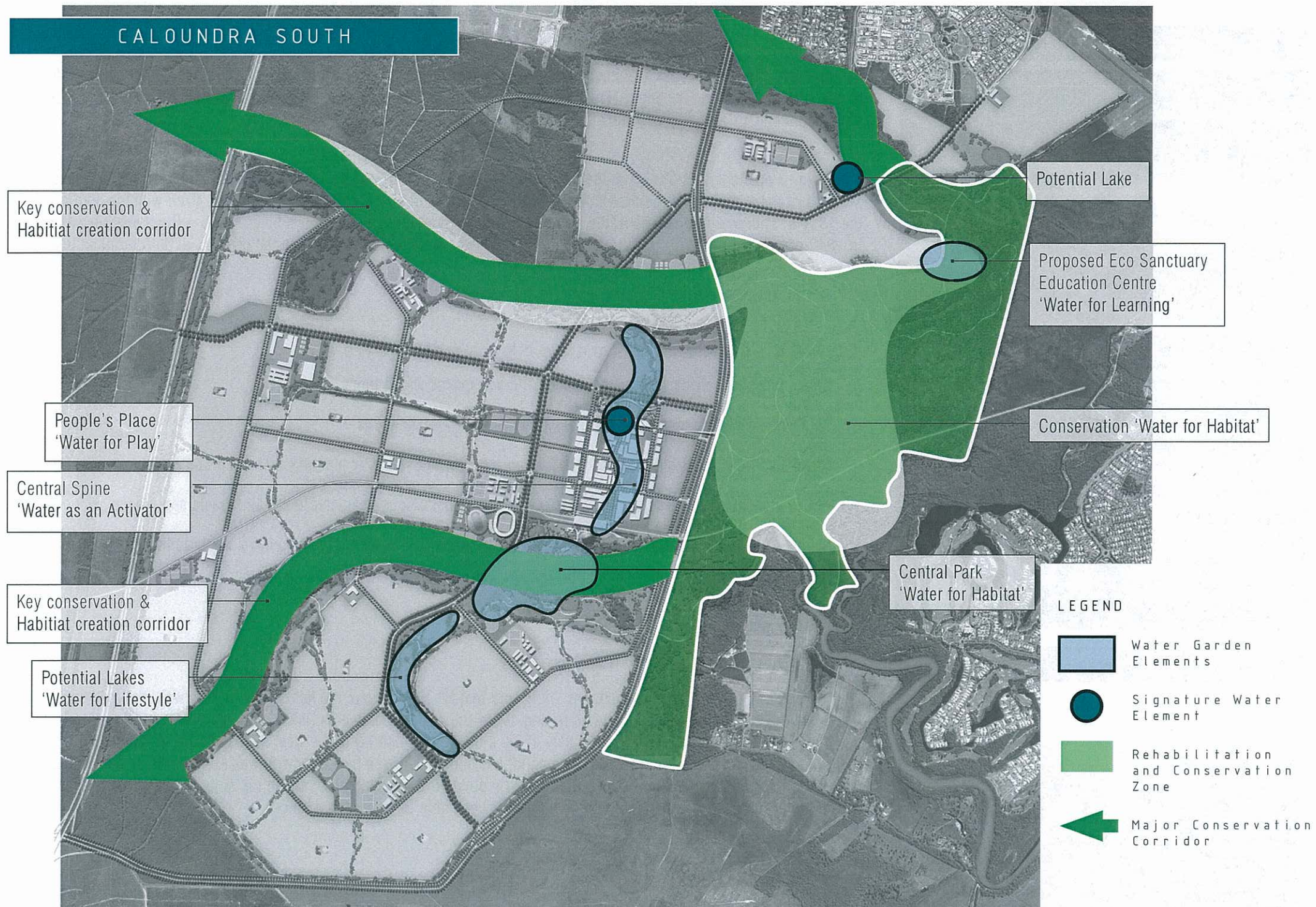


URBAN FOREST

- potential to co-share open space with productive landscapes



CALOUNDRA SOUTH



ENGAGE



PRESERVE



distinctive places

1. Signature Meeting Places

Signature Meeting Places will be provided across the site at a variety of scales. Caloundra South has a particular significance as a meeting place and was the site of many large scale indigenous gatherings focussed on the Bunya Pine festivals, as well as the site of the first school and first trading post. It is appropriate that this legacy continues and a focus of the open space masterplan is therefore on the creation of distinctive meeting places.

2. Tree Architecture

The concept of tree architecture is to provide legibility, distinctive character and utilise vegetation as a key organising principle across the site. The planting of mature trees at key locations and along key connections will provide an immediate sense of permanency and age to the site, as well as providing a sense of enclosure and vertical scale. Trees will provide canopy, amenity and character to village nodes and linkages.

3. Viewline Park

Caloundra South is a naturally flat site, dominated by the horizontal. Therefore it is important to accentuate and celebrate verticality and natural topography as much as possible to create variety and allow outlook to the distinctive landforms around the site – in particular the dominant peaks of the Glasshouse Mountains and the Serpentine Waterways of Pumicestone Passage.

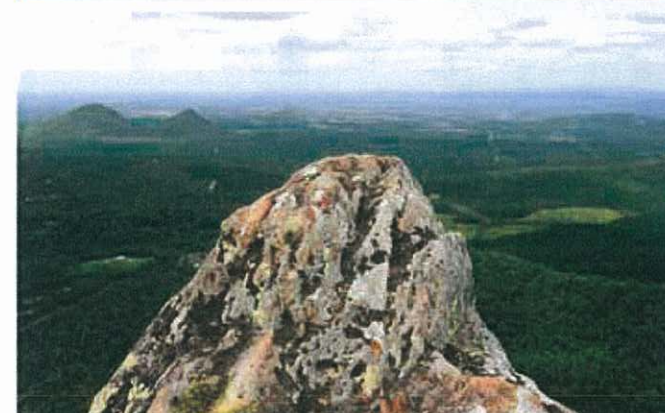
GATHER



ENCLOSE



INTERPRET



An historical meeting place

Indigenous - The Glass House Mountains area was a special meeting place where many Aboriginal people gathered for ceremonies and trading. The Glass House Mountains are considered significant with many ceremonial sites still present and protected today.

European - Captain James Cook was the first European to sail past Caloundra in 1770, sighting and naming the Glass House Mountains as he went past. The first Europeans to settle in the area were runaway convicts who lived with the aboriginals in the 1820's. Andrew Petrie arrived in the area and collected specimens of the Bunya Pine. A Bunya Proclamation was passed in 1842 preventing people to settle where Bunya Pine grew. The Proclamation led to the creation of an Aboriginal reserve.

Creating a framework and canopy

- Create linkages between distinctive places and boulevards which frame views
- Boulevards which reinforce the distinctive places as key destinations
- Creates vertical scale and a sense of enclosure, canopy and shade by planting avenues of mature trees
- Utilise vegetation as an organising principle and to create unique character to certain streets and places
- Mature trees in local parks to create a focus and an immediate sense of permanency and durability.

Celebrating the site

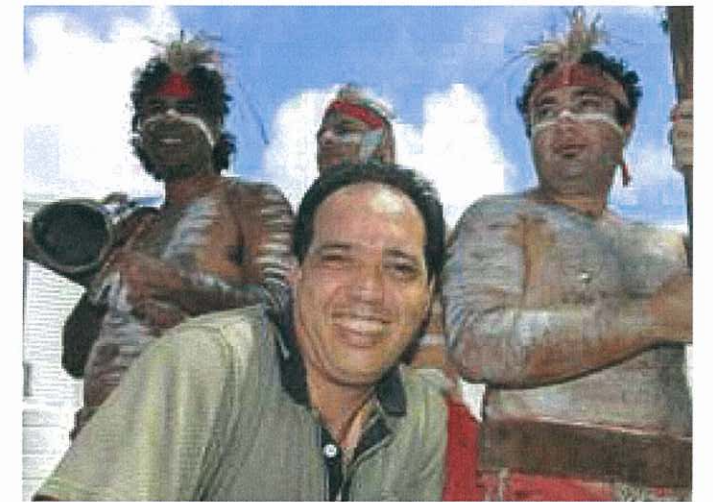
The Legend of the Glass House Mountains - It is said that Mt Tibrogargan, the father, and Mt Beerwah, the mother, had many children. One day, Tibrogargan was gazing out to sea when he noticed a rising of the waters. Hurrying off to gather his younger children in order to flee to the safety of the mountains which lay to the west, he called out to Coonowrin (the eldest son) to help his mother, who again was with child. Looking back to see how Coonowrin was assisting Beerwah, Tibrogargan was greatly angered to see him running off alone. He pursued Coonowrin and, raising his club, struck such a mighty blow that it dislocated Coonowrin's neck and he has never been able to straighten it since.

CALOUNDRA SOUTH



LEGEND

- Tree architecture:
green boulevards
linking key spaces
- District Centres
- Signature Meeting
Places



potential and prosperity

1. Provide centres of sporting excellence

The provision of centres of sporting excellence will facilitate the development of sporting talent at Caloundra South and 'kick-start' the creation of a talented and prosperous community. The provision of these key facilities will create an anchor around other talent focussed organisations and initiatives.

EXCEL



2. Utilise open space to educate

The unique natural setting and existing environmental values evident at Caloundra South provide a perfect opportunity to leverage into educational facilities and institutions focussed on environmental learning and excellence. The creation of an eco sanctuary will foster community engagement with the environment and facilitate environmental stewardship.

EDUCATE



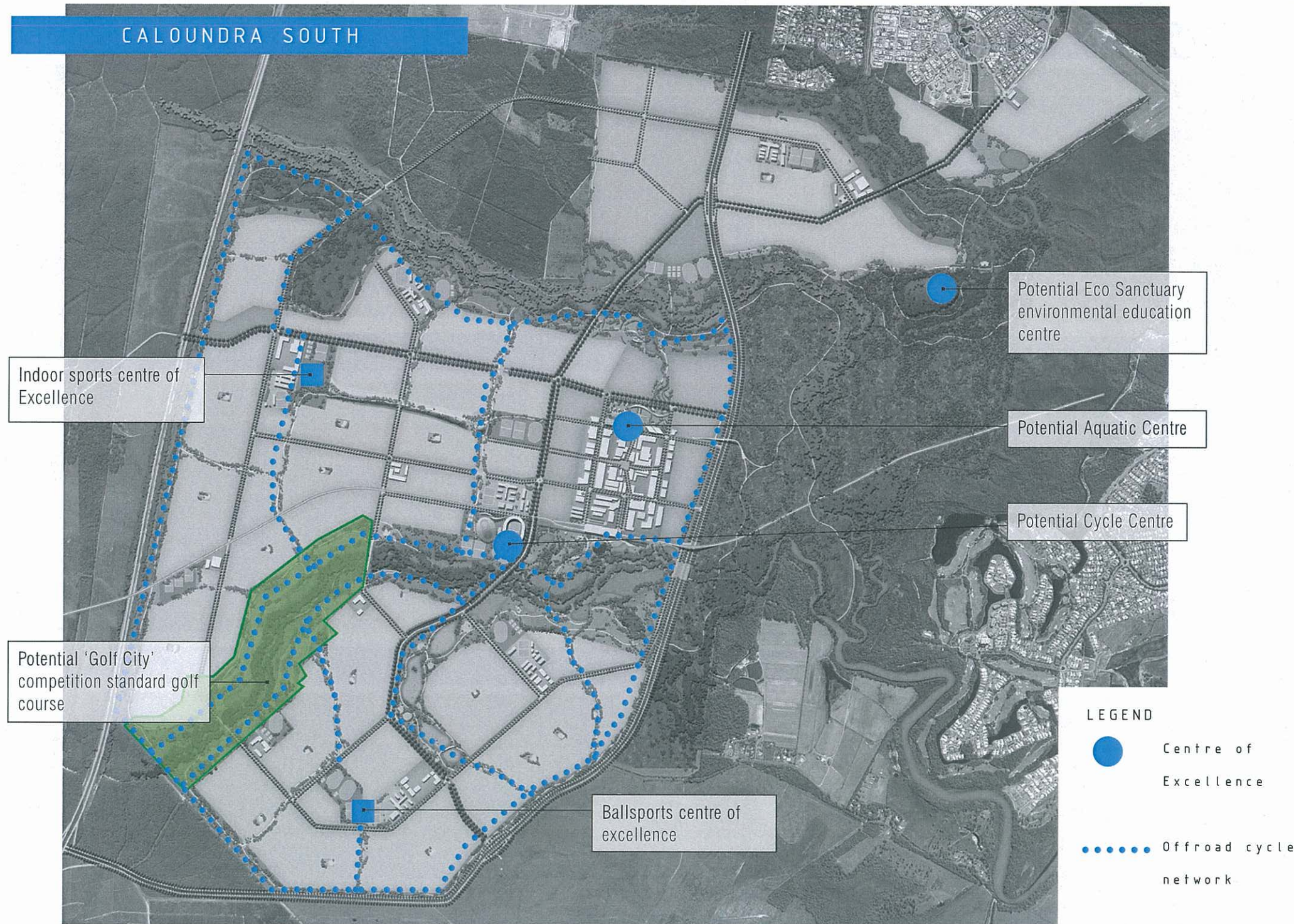
3. Design excellence and intrigue

Successful cities are never homogenous or static. To harness potential and foster prosperity it is critical that a variety of open spaces are provided which intentionally intrigue and challenge the mind. This includes the careful integration of unique artwork into the environment as well as the provision of unique and intimate spaces which people can take ownership of and manipulate over time.

INTRIGUE



CALOUNDRA SOUTH



an urban heart

1. Create quality civic spaces at a variety of scales

A successful urban heart will provide spaces and places which intrigue, excite and invigorate. Small intricate spaces which people take ownership of are just as important as large civic squares. The use of high quality materials, intricate design detailing and integrated artwork will be critical to create richness, texture and variety.

2. Pedestrian focussed streets

Streets within the urban heart must place pedestrian comfort first. Wide footpaths, signature materials and careful consideration of pedestrian circulation, amenity and safety will ensure that the urban heart puts people first and cars second.

3. Utilise mature trees

The use of mature trees at key locations and along key boulevards will give an immediate sense of permanency and age to the urban heart. Trees will provide shade, amenity and enclosure and ensure that the urban heart is a destination where pedestrians feel comfortable to walk, sit and interact at all times of the year.

ACTIVATE



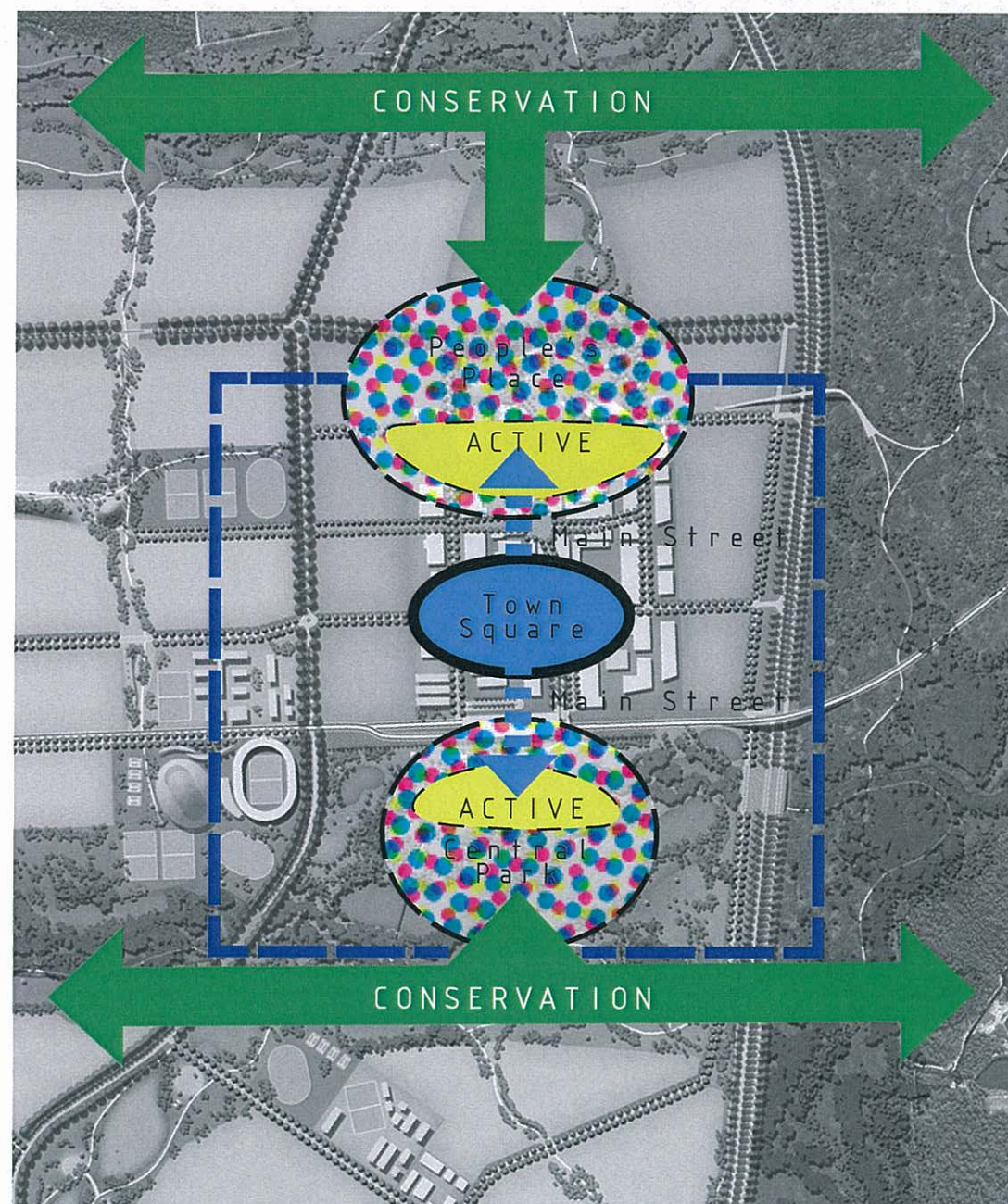
PROMENADE



BELONG



CALOUNDRA SOUTH



LEGEND

